

ECG212P
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ECG[®]

Semiconductors Master Replacement Guide



- Industrial
- Commercial
- Entertainment
- Equipment Maintenance and Repair

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ECG Semiconductor Master Replacement Guide — ECG212P

The 14th Edition ECG Semiconductor Master Guide features approximately **13,000 additional crosses** and over **230 new devices**, including several new product families. Product additions are summarized on pages 1-1 and 1-2 and are identified by type number in the numerical Product Index, beginning on page 1-6. Complementing this expansion are new selector guides and numerous other refinements, all designed to further simplify choosing the best ECG replacement type for the application.

The ECG Semiconductor product line encompasses a wide variety of high quality devices (nearly 4,000) which meet Entertainment and Industrial/Commercial MRO replacement needs. Upgrading with ECG Semiconductors can reduce frequency of repair and minimize replacement parts inventory. ECG

Semiconductors can be used with confidence and are available through an international network of electronic parts distributors.

The technical data given on the following pages are intended to show safe areas of ECG device operation and level of performance. They are not to be considered limits for new equipment design. We cannot guarantee that the listed items provide an exact replacement in all applications.

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● Cable Converters	● Relays
● EMF™ Surge Suppressors	● RemoteControl Transmitters
● Flameproof Resistors	● Remote Control Transmitter Testers
● Input/Output Modules	● Thermometers
● Logic Circuit Test Probes	● Wiring Accessories
● Multimeters	

What's New!!

New products have been added in many categories. Following is a summary of the items which are new in Master Guide ECG212P.

New Products —

Transistors (67), Page 1-38

- 2 Small Signal Transistors
- 12 Power and Switching Transistors
- 13 Power Darlington Transistors
- 6 Transistors with Built-in Bias Resistors
- 9 Power MOSFETs
- 25 Surface Mount Transistors, 6 of them with Built-in Bias Resistors

Diodes and Rectifiers (17), Page 1-93

- 5 Surface Mount Diodes, including Single, Dual and Band-Switching
- 2 Fast Switching Diodes
- 4 Schottky Power Rectifiers
- 6 Fast Switching Power Rectifiers

Bridges (5), Page 1-99

- 3 Single, In-line 4-Amp, to PRV of 1000 Volts
- 2 Single, In-line, 6-Amp, to PRV of 600 Volts

Silicon Controlled Rectifiers (2), Page 1-105

- 1 Fast Switch for TV Power Supplies
- 1 Isolated Base, TO-3, 40 Amp/600 V

Optoelectronics (7), Page 1-122

- 1 Infra-Red, PIN, Detector Diode for Remote Control Receivers in TV, VCR and Cable Converters
- 3 Optocouplers with Fast, or CMOS Compatible, Transistor Outputs
- 1 Optocoupler with Split Darlington Output
- 1 Optocoupler with Triac Output
- 1 Optocoupler with Fast Switching Logic Gate Output

Linear ICs (132), Page 1-144

For Entertainment and Consumer Products

- 11 Types for AM, FM and Audio Applications
- 47 Types for TV Applications
- 28 Types for VCRs
- 6 Types for Telephones
- 3 Miscellaneous Types

For Industrial Use

- 1 Voltage Regulator
- 9 Computer and Peripheral Equipment Types
- 17 Surface Mount Versions of Old Favorites
- 4 Pulse-Width Modulators for Switching Power Supplies
- 3 Hybrid Amplifier Gain Blocks for Satellite Receivers and Cable Amplifiers
- 2 CMOS Timers, One Single, One Dual
- 1 A/D Converter, 3½ Digit

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**Additional ECG
Products S**

What's New (cont'd)

Accessories (1), Page 1-381

- 1 Mounting Clip for TO-126 or SOT-82 Package

New Chart (1), Page 1-61

- Surface Mount Transistor "Selection by Application" Chart

Additions and Changes

- New catalog pages have been added at the back of the Guide (pages 3-1 through 3-8) on products other than semiconductors supplied by ECG. These include:

- Audio/Video Products
- Cable Ties
- Flameproof Resistors
- Remote Control Transmitters and Testers
- Relays
- Surge Suppressors
- Test Equipment

How to Use the ECG Master Replacement Guide

Locating A Replacement Device

1. **Consult the Cross Reference section.** This section begins on page 2-1 and is arranged as follows:

Parts Starting with a Number Are Listed Before Those Starting with a Letter.

- A. Parts starting with a number are listed in order of the numbers occurring before a dash or letter. Examples:

000000FR2
.25N6.8
4-2020-03173
4202003173

- B. Parts with a dash after a series of numbers are listed ahead of parts with a letter after the same series of numbers. Example:

48-155001
48S155001

- C. Parts starting with a letter are listed in alphabetical order of the letters occurring before a dash or number. Example:

MPS-A20
MPSA20

- D. Part numbers frequently misread are:

1. Zero for letter O and vice versa.
2. One for letter I or L or vice versa.
3. The Greek letter mu (μ) may be found under either the letter M or U. Check both.

2. **Verify the replacement.** Your application may differ from the norm. It would be to your advantage to verify the replacement part for your particular application. Refer

to the Product Index starting on page 1-6. This will direct you to the page number in the Master Guide where the technical data will be found. You may then verify physical dimensions and electrical characteristics.

3. **If a cross reference replacement is not found.** In the event that the cross reference section does not show a replacement, you should first consider the possibility of a no suffix or different suffix replacement. (i.e., 2SC281E is not found in the cross reference section. However, 2SC281 is found and is replaced by ECG123A). The next step is to refer to the Product Index and locate the data page for ECG123A, then compare parameters and physical data, as shown, with your requirements.

If this procedure does not yield a useable replacement, or no similar types appear in the cross reference section, you may then use one of the following procedures for locating a replacement.

- A. When published information is available, compare the parameters of the device to be replaced with the listed parameters of comparable ECG devices.

- B. When published information is not available, follow the procedure for selecting devices for unlisted types found on pages 1-30 to 1-32.

- C. In the event that none of the above procedures produces a suitable replacement, you may use our 'Personalized Service for Unlisted Types' described on page 1-32.

4. **Dimensions for outline figures.** All dimensions are inches with millimeter equivalent in parentheses.

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1V115	1-117	S11-1	Varistor, Metal Oxide, 115 V RMS	61	1-39	T28	T-PNP, Si-Pwr Amp, AF PO, Gen Purp (Compl to ECG60)
1V130	1-117	S11-1	Varistor, Metal Oxide, 130 V RMS	61MP	1-39	T28	T-NPN, Si-Matched Pair
1V150	1-117	S11-1	Varistor, Metal Oxide, 150 V RMS	61MCP	1-39	T28	T-Matched Compl Pair - Contains one each of ECG60 (NPN) and ECG61 (PNP)
1V250	1-117	S11-1	Varistor, Metal Oxide, 250 V RMS	62	1-39	T28	T-NPN, Si-HV Horizontal Output
1V275	1-117	S11-1	Varistor, Metal Oxide, 275 V RMS	63	1-39	T49-3	T-NPN, Si-UHF/Microwave Amp/Mixer, GPE 7.5 dB @ 2 GHz, NF 4 dB @ 2 GHz
1V300	1-117	S11-1	Varistor, Metal Oxide, 300 V RMS	64	1-39	T49-3	T-NPN, Si-UHF/Microwave Amp/Hi Speed Sw, GPE 10 dB @ 1 GHz, NF 2 dB typ @ 1 GHz
2V010	1-117	S11-2	Varistor, Metal Oxide, 10 V RMS	65	1-39	T49-2	T-NPN, Si-UHF/Microwave Amp, CATV, MATV
2V014	1-117	S11-2	Varistor, Metal Oxide, 14 V RMS	66	1-39	T41	MOSFET-N-Ch, Enhancement, Hi Speed Sw
2V015	1-117	S11-2	Varistor, Metal Oxide, 15 V RMS	67	1-39	T41	MOSFET-N-Ch, Enhancement, Hi Speed Sw
2V017	1-117	S11-2	Varistor, Metal Oxide, 17 V RMS	68	1-39	T28	T-PNP, Si-Gen Purp Hi Pwr Amp (Compl to ECG388)
2V020	1-117	S11-2	Varistor, Metal Oxide, 20 V RMS	68MCP	1-39	T28	T-Matched Compl Pair - Contains one each of ECG388 (NPN) and ECG68 (PNP)
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2V030	1-117	S11-2	Varistor, Metal Oxide, 30 V RMS	70	1-39	T35	T-NPN, Si-HV Pwr Amp, Sw
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2V040	1-117	S11-2	Varistor, Metal Oxide, 40 V RMS	72	1-39	T33	T-NPN, Si-Hi Current Amp, Fast Sw
2V050	1-117	S11-2	Varistor, Metal Oxide, 50 V RMS	73	1-39	T34	T-NPN, Si-HV Amp, Sw
2V060	1-117	S11-2	Varistor, Metal Oxide, 60 V RMS	74	1-39	T32	T-NPN, Si-Gen Purp Amp, Sw
2V075	1-117	S11-2	Varistor, Metal Oxide, 75 V RMS	74C00	1-346	D6	IC-CMOS Quad 2-Input NAND Gate
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74LS280	1-361	D6	IC-TTL Lo Pwr Schottky 9-Bit Odd/Even Parity Generator/Checker
74LS283	1-361	D8	IC-TTL Lo Pwr Schottky 4-Bit Binary Adder
74LS290	1-361	D6	IC-TTL Lo Pwr Schottky Decade Counter
74LS293	1-361	D6	IC-TTL Lo Pwr Schottky 4-Bit Binary Counter
74LS295A	1-361	D8	IC-TTL Lo Pwr Schottky 4-Bit Bidirectional Universal Shift Register with 3-State Output
74LS298	1-361	D8	IC-TTL Lo Pwr Schottky Quad 2-Input Multiplexer with Output Latch
74LS299	1-361	D12	IC-TTL Lo Pwr Schottky 8-Bit Bidirectional Universal Shift/Storage Register with 3-State Output
74LS348	1-362	D8	IC-TTL Lo Pwr Schottky 8-Line-to-3-Line Priority Encoder
74LS352	1-362	D8	IC-TTL Lo Pwr Schottky Dual 4-Line-to-1-Line Data Selector/Multiplexer
74LS353	1-362	D8	IC-TTL Lo Pwr Schottky Dual 4-Line-to-1-Line Data Selector/Multiplexer with 3-State Outputs
74LS363	1-362	D12	IC-TTL Lo Pwr Schottky Octal 3-State 'D' Latch
74LS364	1-362	D12	IC-TTL Lo Pwr Schottky 3-State 'D' Flip-Flop
74LS365A	1-362	D8	IC-TTL Lo Pwr Schottky Hex 3-State Buffer Common Enable
74LS366A	1-362	D8	IC-TTL Lo Pwr Schottky Hex Bus Drivers Inverted Data 3-State Output Gated Enable Inputs
74LS367	1-362	D8	IC-TTL Lo Pwr Schottky Hex Buffer, 4-Bit and 2-Bit 3-State
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74LS373	1-362	D12	IC-TTL Lo Pwr Schottky Octal 3-State 'D' Latch
74LS374	1-362	D12	IC-TTL Lo Pwr Schottky Octal 3-State 'D' Flip-Flops
74LS377	1-362	D12	IC-TTL Lo Pwr Schottky Octal 'D Type' Flip-Flop with Enable
74LS378	1-363	D8	IC-TTL Lo Pwr Schottky Hex 'D' Flip-Flop
74LS379	1-363	D8	IC-TTL Lo Pwr Schottky Quad 'D' Flip-Flop
74LS386	1-363	D6	IC-TTL Lo Pwr Schottky Quad Exclusive OR Gate
74LS390	1-363	D8	IC-TTL Lo Pwr Schottky Dual Decade Counter
74LS393	1-363	D6	IC-TTL Lo Pwr Schottky Dual 4-Bit Binary Counter
74LS395A	1-363	D8	IC-TTL Lo Pwr Schottky 4-Bit Universal Shift Register with 3-State Output
74LS398	1-363	D12	IC-TTL Lo Pwr Schottky Quad 2-Input Multiplexer with Storage-Complementary Outputs
74LS399	1-363	D8	IC-TTL Lo Pwr Schottky Quad 2-Input Multiplexer with Storage
74LS490	1-363	D8	IC-TTL Lo Pwr Schottky Dual Decade Counter
74LS540	1-363	D12	IC-TTL Lo Pwr Schottky Octal 3-State Inverting Buffer/Driver
74LS541	1-363	D12	IC-TTL Lo Pwr Schottky Octal 3-State Non-Inverting Buffer/Driver
74LS624	1-363	D6	IC-TTL Lo Pwr Schottky Voltage Controlled Oscillator
74LS625	1-364	D8	IC-TTL Lo Pwr Schottky Dual Voltage Controlled Oscillator with Complementary Outputs
74LS626	1-364	D8	IC-TTL Lo Pwr Schottky Dual Voltage Controlled Oscillator with Complementary Outputs and Enable Control
74LS627	1-364	D6	IC-TTL Lo Pwr Schottky Dual Voltage Controlled Oscillator
74LS629	1-364	D8	IC-TTL Lo Pwr Schottky Dual Voltage Controlled Oscillator with Enable
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74LS641	1-364	D12	IC-TTL Lo Pwr Schottky Octal Non-Inverting Bus Transceivers with Open Collector Outputs
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74S02	1-346	D6	IC-TTL Ultra-Hi Speed Quad 2-Input NOR Gate
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74S08	1-346	D6	IC-TTL Ultra-Hi Speed Quad 2-Input AND Gate
74S09	1-346	D6	IC-TTL Ultra-Hi Speed Quad 2-Input AND Gate with Open Collector Output
74S10	1-346	D6	IC-TTL Ultra-Hi Speed Triple 3-Input NAND Gate
74S11	1-347	D6	IC-TTL Ultra-Hi Speed Triple 3-Input AND Gate
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76	1-39	T50	T-NPN, Si, CATV Broadband Amp
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77	1-39	T6	T-NPN, Si, CATV Broadband Amp
78	1-39	T39	T-NPN, Si, RF PO, CB, 27 MHz, 3 W
79	1-39	T39	T-NPN, Si, RF PO, 27 MHz, 9 W
80	1-39	T37	T-NPN, Si, HV Sw, Horiz Dr
80C95	1-365	D8	IC-CMOS, Hex 3-State Buffer with Common Enable
80C96	1-365	D8	IC-CMOS, Hex 3-State Inverter with Common Enable
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81	1-39	T12	T-NPN, Si, Dual VHF Amp, Sw
82	1-39	T12	T-PNP, Si, Dual VHF Amp, Sw
83	1-40	T13	T-NPN, Si, Dual Gen Purp Amp
84	1-40	T13	T-PNP, Si, Dual Gen Purp Amp - Discontinued
85	1-40	T16	T-NPN, Si, RF, IF, Audio Amp, Sw
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87	1-40	T28	T-NPN, Si, Hi Pwr Audio Amp, Sw
87MP	1-40	T28	T-NPN, Si, Matched Pair of ECG87
88	1-40	T28	T-PNP, Si, Hi Pwr Audio Amp, Sw
88MP	1-40	T28	T-PNP, Si, Matched Pair of ECG88
88MCP	1-40	T28	T-Matched Compl Pair of ECG87 and ECG88
89	1-40	T28	T-NPN, Si, Horiz Output with Damper Diode
90	1-40	T18	T-NPN, Si, HV Hi Gain Amp
91	1-40	T18	T-PNP, Si, HV Hi Gain Amp
92	1-40	T44-1	T-NPN, Si, Hi Pwr AF PO
93	1-40	T44-1	T-PNP, Si, Hi Pwr AF PO
93L08	1-368	D15	IC-TTL Lo Pwr Dual 4-Bit Latch
93L16	1-368	D8	IC-TTL Lo Pwr Synchronous 4-Bit Binary Counter
93MCP	1-40	T44-1	T-Matched Compl Pair of ECG92 and ECG93
94	1-40	T28	T-NPN, Si, HV Gen Purp Amp
95	1-40	T31	T-NPN, Si, HV Amp, Sw, Isolated Stud
96	1-40	T31	T-NPN, Si, Pwr Amp, Isolated Stud
96L02	1-368	D8	IC-TTL Lo Pwr Dual Retriggerable/Resetable Monostable Multivibrator
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96S02	1-368	D8	IC-TTL Schottky Dual Retriggerable/Resetable Monostable Multivibrator
97	1-40	T28	T-NPN, Si, Pwr Darl HV Amp, Fast Sw
98	1-40	T28	T-NPN, Si, Pwr Darl HV Amp, Fast Sw
99	1-40	T28	T-NPN, Si, Pwr Darl HV Amp, Fast Sw

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102	1-40	T5	T-PNP, Ge, AF Preamp, Dr, PO
102A	1-40	T1	T-PNP, Ge, AF Preamp, Dr, PO
103	1-40	T5	T-NPN, Ge, AF Preamp, Dr, PO
103A	1-40	T1	T-NPN, Ge, AF Preamp, Dr, PO
104	1-40	T28	T-PNP, Ge, AF PO
104MP	1-40	T28	T-PNP, Ge, Matched Pair of ECG104
105	1-40	T29	T-PNP, Ge, AF PO
106	1-40	T2	T-PNP, Si, RF/IF Amp, Osc, Mxr, AM/FM
107	1-41	T16	T-NPN, Si, RF/IF Amp, Osc, Mxr, UHF/VHF
108	1-41	T16	T-NPN, Si, RF/IF Vid Amp, Osc, Mxr, UHF/VHF
109	1-93	Z2	D-Ge, Gen Purp, 100 PRV
110A	1-93	Z2	D-Ge, Gen Purp, 40 PRV
110MP	1-93	Z2	D-Ge, Matched Pair
112	1-93	Z4	D-Si, UHF TV, Mxr
113A	1-93	Z15	D-Dual, Si, Horiz AFC, Common Cathode
114	1-93	Z12	D-Dual, Se, Horiz AFC, Series Connected
115	1-93	Z12	D-Dual, Se, Horiz AFC, Common Anode
116	1-93	Z3	R-Si, 600 PRV, 1.0 Amp
117A	1-93	Z10	R-Si, 1000 PRV, 1.0 Amp
118	1-91	H38	R-Se, TV HV, Foc, 7.5 k PRV
119	1-91	H39	R-Se, TV Boost, 560 PRV
120	1-93	Z17	R-Se, TV Converge, 18 PRV
121	1-41	T28	T-PNP, Ge, AF PO
121MP	1-41	T28	T-PNP, Ge, Matched Pair of ECG121
123	1-41	T6	T-NPN, Si, AF Preamp, Dr, Vid Amp, Sync Sep
123A	1-41	T2	T-NPN, Si, AF/RF Amp
123AP	1-41	T16	T-NPN, Si, AF/RF Amp, CB Dr
124	1-41	T25	T-NPN, Si, HV AF PO
125	1-93	Z3	R-Si, 1000 PRV, 2.5 A
126A	1-41	T2	T-PNP, Ge, RF/IF Amp, Osc, Mixer
127	1-41	T28	T-PNP, Ge, Defl Amp, AF PO
128	1-41	T6	T-NPN, Si, AF Preamp, Dr, Vid Amp
128P	1-41	T17	T-NPN, Si, Gen Purp Amp, Sw
129	1-41	T6	T-PNP, Si, AF Preamp, Dr, Vid Amp
129MCP	1-41	T6	T-Matched Compl Pair of ECG128 and ECG129
129P	1-41	T17	T-NPN, Si-Gen Purp Amp, Sw
130	1-41	T28	T-NPN, Si, AF PO
130MP	1-41	T28	T-NPN, Si, Matched Pair of ECG130
131	1-41	T27	T-PNP, Ge, AF PO
131MP	1-41	T27	T-PNP, Ge, Matched Pair of ECG131
134A	1-98	Z3A	ZD-3.6 V, 1 W (2/Pkg)
135A	1-98	Z3A	ZD-5.1 V, 1 W (2/Pkg)
136A	1-98	Z3A	ZD-5.6 V, 1 W (2/Pkg)
137A	1-98	Z3A	ZD-6.2 V, 1 W (2/Pkg)
138A	1-98	Z3A	ZD-7.5 V, 1 W (2/Pkg)
139A	1-98	Z3A	ZD-9.1 V, 1 W (2/Pkg)
140A	1-98	Z3A	ZD-10.0 V, 1 W (2/Pkg)
141A	1-98	Z3A	ZD-11.5 V, 1 W (2/Pkg)
142A	1-98	Z3A	ZD-12.0 V, 1 W (2/Pkg)
143A	1-98	Z3A	ZD-13.0 V, 1 W (2/Pkg)
144A	1-98	Z3A	ZD-14.0 V, 1 W (2/Pkg)
145A	1-98	Z3A	ZD-15.0 V, 1 W (2/Pkg)
146A	1-98	Z3A	ZD-27.0 V, 1 W (2/Pkg)
147A	1-98	Z3A	ZD-33.0 V, 1 W (2/Pkg)
148A	1-98	Z3A	ZD-55.0 V, 1 W (2/Pkg)
149A	1-98	Z3A	ZD-62.0 V, 1 W (2/Pkg)
150A	1-98	Z3A	ZD-82.0 V, 1 W (2/Pkg)
151A	1-98	Z3A	ZD-110.0 V, 1 W (2/Pkg)
152	1-41	T41	T-NPN, Si, AF PO
152MP	1-41	T41	T-NPN, Si, Matched Pair of ECG152
153	1-41	T41	T-PNP, Si, AF PO
153MCP	1-41	T41	T-Matched Compl Pair of ECG152 and ECG153
154	1-41	T6	T-NPN, Si, Vid Output
155	1-41	T27	T-NPN, Ge, AF PO
156	1-93	Z6	R-Si, 1000 PRV, 3 A
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158	1-41	T1	T-PNP, Ge, AF PO
159	1-41	T16	T-PNP, Si, AF Preamp, Dr
159MCP	1-41	T16	T-Matched Compl Pair of ECG123AP and ECG159
160	1-41	T4	T-PNP, Ge, RF/IF Amp, Osc, Mxr, AM/FM
161	1-41	T4	T-NPN, Si, Vid IF Amp
162	1-42	T28	T-NPN, Si, Vert Defl
163A	1-42	T28	T-NPN, Si, Horiz Defl
164	1-42	T28	T-NPN, Si, Vert Defl
165	1-42	T28	T-NPN, Si, Horiz Defl
166	1-99	Z23	R-Si, Bridge, 100 PRV, 2 A
167	1-99	Z23	R-Si, Bridge, 200 PRV, 2 A
168	1-99	Z23	R-Si, Bridge, 400 PRV, 2 A
169	1-99	Z23	R-Si, Bridge, 600 PRV, 2 A
170	1-99	Z23	R-Si, Bridge, 1000 PRV, 2 A
171	1-42	T38	T-NPN, Si, AF/Vid Amp
172A	1-42	T16	T-NPN, Si, Darlington Amp, AF, Sw
173BP	1-93	Z16	D-Dual Silicon Damper, 500 PRV - Discontinued
175	1-42	T25	T-NPN, Si, AF PO
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185MCP	1-42	T45	T-Matched Compl Pair of ECG184 and ECG185
186	1-42	T38	T-NPN, Si, AF PO
186A	1-42	T39	T-NPN, Si, AF PO/CB Dr
187	1-42	T38	T-PNP, Si, AF PO
187A	1-42	T39	T-PNP, Si, AF PO
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189	1-42	T36	T-PNP, Si, AF Dr, PO
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243	1-44	T28	T-NPN, Darl 80 V, 8 A, hfe = 3000 (typ)
244	1-44	T28	T-PNP, Darl 80 V, 8 A, hfe = 3000 (typ)
245	1-44	T28	T-NPN, Darl 80 V, 10 A, hfe = 4000 (typ)
246	1-44	T28	T-PNP, Darl 80 V, 10 A, hfe = 4000 (typ)
247	1-44	T28	T-NPN, Darl 100 V, 12 A, hfe = 3500 (typ)
248	1-44	T28	T-PNP, Darl 100 V, 12 A, hfe = 3500 (typ)
249	1-44	T28	T-NPN, Darl 100 V, 16 A, hfe = 3500 (typ)
250	1-44	T28	T-PNP, Darl 100 V, 16 A, hfe = 3500 (typ)
251	1-44	T28	T-NPN, Darl 100 V, 20 A, hfe = 2400 (typ)
252	1-44	T28	T-PNP, Darl 100 V, 20 A, hfe = 2400 (typ)
253	1-44	T45	T-NPN, Darl 80 V, 4 A, hfe = 2000 (typ)
254	1-44	T45	T-PNP, Darl 80 V, 4 A, hfe = 2000 (typ)
255	1-44	T17	T-NPN, Si-Horiz Driver, Amp, Sw
256	1-44	T48	T-NPN, Darl 450 V, 20 A, hfe = 50 (min)
257	1-44	T46	T-NPN, Darl 80 V, 5 A, hfe = 750 (min)
258	1-44	T46	T-PNP, Darl 80 V, 5 A, hfe = 750 (min)
259	1-44	T46	T-NPN, Darl 100 V, 8 A, hfe = 2500 (typ)
260	1-45	T46	T-PNP, Darl 100 V, 8 A, hfe = 2500 (typ)
261	1-45	T41	T-NPN, Darl 80 V, 8 A, hfe = 1000 (min)
262	1-45	T41	T-PNP, Darl 80 V, 8 A, hfe = 1000 (min)
263	1-45	T41	T-NPN, Darl 80 V, 10 A, hfe = 1000 (min)

ECG No.	Page No.	Fig. No.	Description
264	1-45	T41	T-PNP, Darl 80 V, 10 A, hfe = 1000 (min)
265	1-45	T38	T-NPN, Darl 50 V, 500 mA, hfe = 10,000 (min)
266	1-45	T38	T-NPN, Darl 50 V, 500 mA, hfe = 40,000 (min)
267	1-45	T38	T-NPN, Darl 30 V, 500 mA, hfe = 90,000 (min)
268	1-45	T38	T-NPN, Darl 50 V, 2 A, hfe = 1000 (min)
269	1-45	T38	T-PNP, Darl 50 V, 2 A, hfe = 1000 (min)
270	1-45	T48	T-NPN, Darl 100 V, 10 A, hfe = 1000 (min)
271	1-45	T48	T-PNP, Darl 100 V, 10 A, hfe = 1000 (min)
272	1-45	T36	T-NPN, Darl 40 V, 2 A, hfe = 25,000 (min)
273	1-45	T36	T-PNP, Darl 40 V, 2 A, hfe = 25,000 (min)
274	1-45	T25	T-NPN, Darl 80 V, 4 A, hfe = 3000 (typ)
275	1-45	T25	T-PNP, Darl 80 V, 4 A, hfe = 3000 (typ)
276	1-109	Z44	SCR-Gate Controlled Switch, TV Horiz Output
277	1-45	T27	T-NPN, Si, TV Horiz Output - Discontinued
278	1-45	T6	T-NPN, Si, Broadband RF Amp, CATV/MATV/COMM
279A	1-109	Z37	SCR-Gate Controlled Switch, Horiz Output
280	1-45	T28	T-NPN, Si, AF PO, Pd 100 W
280MP	1-45	T28	T-NPN, Si, Matched Pair of ECG280
281	1-45	T28	T-PNP, Si, AF PO, Pd 100 W
281MCP	1-45	T28	T-Matched Compl Pair of ECG280 and ECG281
282	1-45	T6	T-NPN, Si, RF Pwr Amp/Sw, Pd 10 W - Discontinued
283	1-45	T28	T-NPN, Si, HV-Hi Current Sw and TV Horiz Output
284	1-45	T28	T-NPN, Si, AF PO, Pd 150 W
284MP	1-45	T28	T-NPN, Si, Matched Pair of ECG284
285	1-45	T28	T-PNP, Si, AF PO, Pd 150 W
285MCP	1-45	T28	T-Matched Compl Pair of ECG284 and ECG285
286	1-45	T25	T-NPN, Si, PO/Sw, TV Horiz Output
287	1-45	T16	T-NPN, Si, HV Gen Purp Amp, Ft = 50 MHz
288	1-45	T16	T-PNP, Si, HV Gen Purp Amp, Ft = 50 MHz
289A	1-45	T16	T-NPN, Si, AF PO, Pd 0.6 W
289AMP	1-45	T16	T-NPN, Si, Matched Pair of ECG289A
290A	1-46	T16	T-PNP, Si, AF PO, Pd 0.6 W
290AMCP	1-46	T16	T-Matched Compl Pair of ECG289A and ECG290A
291	1-46	T41	T-NPN, Si, PO and Sw, Pd 40 W
292	1-46	T41	T-PNP, Si, PO and Sw, Pd 40 W
292MCP	1-46	T41	T-Matched Compl Pair of ECG291 and ECG292
293	1-46	T20	T-NPN, Si, AF PO, Pd .75 W
293MP	1-46	T20	T-NPN, Si, Matched Pair of ECG293
294	1-46	T20	T-PNP, Si, AF PO, Pd .75 W
295	1-46	T45	T-NPN, Si, RF PO, Dr, CB
296	1-46	T38	T-PNP, Si, AF/Video Amp
297	1-46	T20	T-NPN, Si, AF PO, Dr, Pd .75 W
297MP	1-46	T20	T-NPN, Si, Matched Pair of ECG297
298	1-46	T20	T-PNP, Si, AF PO, Dr, Pd .75 W
299	1-46	T38	T-NPN, Si, RF PO, Dr, CB, Pd 4 W
300	1-46	T38	T-NPN, Si, AF PO, Pd 7 W
300MP	1-46	T38	T-NPN, Si, Matched Pair of ECG300
302	1-46	T37	T-NPN, Si, RF PO, Dr, Pd 8 W, CB
303	1-382	AC1	Single Application Heat Sink Compound
304A	1-54	---	Kit-24 Most Popular ECG Transistors
306	1-46	T37	T-NPN, Si, RF PO, Dr, Pd 8 W, CB
307	1-46	T38	T-PNP, Si, AF PO, Pd 7 W
308	1-109	Z42	Integrated Thyristor and Rectifier (ITR)-TV Horiz Defl Commutating, Sw
308P	1-109	Z41	Integrated Thyristor and Rectifier (ITR)-TV Horiz Defl Commutating, Sw
309K	1-156	L11	IC-Regulator, 5 V, 1 Amp
310	1-109	Z42	Integrated Thyristor and Rectifier (ITR)-TV Horiz Defl Trace, Sw
310P	1-109	Z41	Integrated Thyristor and Rectifier (ITR)-TV Horiz Defl Trace, Sw
311	1-46	T6	T-NPN, VHF/UHF Dr/Amp/PO, Pd 5 W
312	1-46	T16	JFET-N-Ch, VHF Amp/Mix
313	1-46	T49	T-NPN, Si, VHF Tuner Amp
314	1-106	Z43	SCR-Si, P-Gate, Pwr Regulator/Sw
315	1-46	T19	T-NPN, Si, RF Dr, CB
316	1-46	T4	T-NPN, Si, Lo Noise, UHF Amp
317	1-46	T58	T-NPN, Si, Final RF PO
318	1-46	T58	T-NPN, Si, Final RF PO
319P	1-46	T16	T-NPN, Si, AGC Cont, TV IF Amp
320	1-46	T55	T-NPN, Si, Final RF PO
320F	1-46	T57	T-NPN, Si, RF PO, VHF Marine & Mobile, 175 MHz, 40 W
321	1-47	T25	T-NPN, Si, Horiz Defl
322	1-47	T36	T-NPN, Si, RF Pwr Amp, CB
323	1-47	T6	T-PNP, Si, AF Pwr Amp
324	1-47	T6	T-NPN, Si, AF Pwr Amp
325	1-47	T53	T-NPN, Si, RF Pwr Amp
326	1-47	T16	JFET-P-Ch, Gen Purp AF Amp
327	1-47	T28	T-NPN, Si, Pwr Amp, Sw
328	1-47	T28	T-NPN, Si, Pwr Amp, Sw
329	1-47	T6	T-NPN, Si, RF Pwr Amp, CB
330	1-47	T29	T-PNP, Ge, Fast Pwr Sw
330V	1-47	T29	ECG330 with Welded-On Wire Leads
331	1-47	T41	T-NPN, Si, AF PO, Reg, Sw
331MP	1-47	T41	T-NPN, Si, Matched Pair of ECG331
332	1-47	T41	T-PNP, Si, AF PO, Reg, Sw
332MCP	1-47	T41	T-Matched Compl Pair of ECG331 and ECG332
333	1-47	T57	T-NPN, Si, RF PO, 14-30 MHz, 60 W
334	1-47	T53	T-NPN, Si, RF PO, 14-30 MHz, 60 W
335	1-47	T58	T-NPN, Si, RF PO, 14-30 MHz, 80 W

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336	1-47	T54	T-NPN, Si, RF PO, 14-30 MHz, 80 W
337	1-47	T53	T-NPN, Si, RF Dr, 27-50 MHz, 8 W
338	1-47	T53	T-NPN, Si, RF Dr & Output, 27-50 MHz, 20 W
338F	1-47	T57	T-NPN, Si, RF Dr & PO, FM, SSB, 50 MHz, 20 W
339	1-47	T54	T-NPN, Si, RF PO, 27-50 MHz, 40 W
340	1-47	T20	T-NPN, Si, RF PO, Dr, 136-174 MHz, 600 mW
341	1-47	T7	T-NPN, Si, RF PO, 136-174 MHz, 4 W
342	1-47	T42	T-NPN, Si, RF PO, 136-174 MHz, 7 W
343	1-47	T42	T-NPN, Si, RF PO, 136-174 MHz, 14 W
344	1-47	T59	T-NPN, Si, RF PO, 136-174 MHz, 30 W
345	1-47	T53	T-NPN, Si, RF PO, 136-174 MHz, 30 W
346	1-47	T6	T-NPN, Si, RF Dr & Predriver, 136-174 MHz, 1 W
347	1-48	T51	T-NPN, Si, RF PO, 136-174 MHz, 3 W
348	1-48	T53	T-NPN, Si, RF PO, 136-174 MHz, 4 W
349	1-48	T53	T-NPN, Si, RF PO, 136-174 MHz, 10 W
350	1-48	T53	T-NPN, Si, RF PO, 136-174 MHz, 15 W
350F	1-48	T57	T-NPN, Si, RF Pwr Marine & Mobile, 175 MHz, 15 W
351	1-48	T53	T-NPN, Si, RF PO, 136-174 MHz, 25 W
352	1-48	T60	T-NPN, Si, RF PO, 136-174 MHz, 80 W
353	1-48	T57	T-PNP, Si, RF PO, 136-174 MHz, 4 W
354	1-48	T57	T-PNP, Si, RF PO, 136-174 MHz, 15 W
355	1-48	T57	T-PNP, Si, RF PO, 136-174 MHz, 30 W
356	1-48	T57	T-PNP, Si, RF PO, 136-174 MHz, 40 W
357	1-48	T51	T-NPN, Si, RF PO, 30-200 MHz, 7 W
358	1-120	S12	Xtal-Color Osc
358A	1-120	S13	Xtal-Color Burst Filter
358B	1-120	S12	Xtal-Color Osc
358C	1-120	S18	Xtal-Color Osc
359	1-48	T53	T-NPN, Si, RF PO, 30-200 MHz, 20 W
360	1-48	T53	T-NPN, Si, RF PO, 30-200 MHz, 40 W
361	1-48	T7	T-NPN, Si, RF PO, 407-512 MHz, 2 W
362	1-48	T52	T-NPN, Si, RF PO, 407-512 MHz, 2 W
363	1-48	T52	T-NPN, Si, RF PO, 407-512 MHz, 4 W
364	1-48	T52	T-NPN, Si, RF PO, 407-512 MHz, 10 W
365	1-48	T60	T-NPN, Si, RF PO, 407-512 MHz, 15 W
366	1-48	T60	T-NPN, Si, RF PO, 407-512 MHz, 25 W
367	1-48	T60	T-NPN, Si, RF PO, 407-512 MHz, 45 W
368	1-48	T60	T-NPN, Si, RF PO, 407-512 MHz, 60 W
369	1-48	T25	T-NPN, Si, Vert Output, Sw
370A	1-156	L7	IC-Squelch, AGC, AFC - Discontinued
373	1-48	T45	T-NPN, Si, AF Driver
374	1-48	T45	T-PNP, Si, AF Driver
375	1-48	T41	T-NPN, Si, Vert Deff
376	1-49	T41	T-NPN, Si, Pwr Amp
377	1-49	T41	T-NPN, Si, Pwr Driver, PO, Sw, Reg
378	1-49	T41	T-PNP, Si, Pwr Driver, PO, Sw, Reg
379	1-49	T41	T-NPN, Si, HV Hi Speed Pwr Sw
380	1-49	T43	T-NPN, Si, AF Pwr Amp
380MP	1-49	T43	T-NPN, Si, Matched Pair of ECG380
381	1-49	T43	T-PNP, Si, AF Pwr Amp
382	1-49	T19	T-NPN, Si, AF Driver
383	1-49	T19	T-PNP, Si, AF Driver
384	1-49	T25	T-NPN, Si, Sw, Linear Amp
385	1-49	T28	T-NPN, Si, HV Hi Speed Sw
386	1-49	T28	T-NPN, Si, HV Hi Speed Sw
387	1-49	T28	T-NPN, Si, Pwr Amp, Sw
387MP	1-49	T28	T-NPN, Si, Matched Pair of ECG387
388	1-49	T28	T-NPN, Si, Hi Pwr Amp (Compl to ECG68)
389	1-49	T28	T-NPN, Si, Horiz Output
390	1-49	T48	T-NPN, Si, Pwr Amp, Hi Speed Sw
391	1-49	T48	T-PNP, Si, Pwr Amp, Hi Speed Sw
392	1-49	T48	T-NPN, Si, Pwr Amp, Hi Speed Sw
393	1-49	T48	T-PNP, Si, Pwr Amp, Hi Speed Sw
394	1-49	T48	T-NPN, Si, HV Pwr Amp, Sw
395	1-49	T4	T-PNP, Si, Wide Band VHF/UHF Amp, Osc
396	1-49	T6	T-NPN, Si, Linear Amp & Hi Speed Sw
397	1-49	T6	T-PNP, Si, Linear Amp & Hi Speed Sw
398	1-49	T41	T-NPN, Si, Vert Output
399	1-49	T20	T-NPN, Si, Video Output, Horiz Dr
400	1-383	AH6	Heat Sink for TO-5 Style Package (2/Pkg)
401	1-383	AH7	Heat Sink for TO-5 Style Package (2/Pkg)
402	1-383	AH12	Heat Sink for Plastic Power Packages (2/Pkg)
403	1-383	AH11	Heat Sink for Plastic Power Packages (2/Pkg)
404	1-383	AH9	Heat Sink for TO-66 Style Package - Includes Base, Top Piece, 2 - 6/32 Screws and Nuts
405	1-383	AH10	Heat Sink for TO-3 Style Package - Includes Base, Top Piece, 2 - 6/32 Screws and Nuts
406	1-383	A2	Heat Sink for TO-202 Style Package (2/Pkg)
407	1-386	AS6	8-Pin Can, IC Socket (2/Pkg)
408	1-386	AS7	10-Pin Can, IC Socket (2/Pkg)
409	1-386	AS14	14-Pin DIP, IC Socket (2/Pkg)
410	1-383	AH3	Heat Sink for TO-1 Style Package (2/Pkg)
411	1-383	AH4	Stud-Mount Heat Sink for TO-5 and TO-39 Style Package (2/Pkg)
412	1-383	AH5	Heat Sink for TO-18 Style Package (2/Pkg)
413	1-381	---	Insulator Kit for TO-3 Style Package

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414	1-381	---	Insulator Kit for TO-36 Style Package with Flat Washer, Shaker Proof Lug, Nut and Plastic Insulating Tube
415	1-381	---	Insulator Kit for TO-66 Style Package
416	1-386	AS15	16-Pin DIP, IC Socket (2/Pkg)
417	1-386	AS2	3-Pin Transistor Socket for TO-18 Package (2/Pkg)
418	1-386	AS4	4-Pin Transistor Socket for TO-18 Package (2/Pkg) -Discontinued
419	1-386	AS3	3-Pin Transistor Socket for TO-5 Package (2/Pkg)
420	1-386	AS5	4-Pin Transistor Socket for TO-5 Package (2/Pkg) -Discontinued
421	1-386	AS10	Standard Socket for TO-66 Package (2/Pkg)
422	1-381	---	Insulator Kit for TO-220 Style Package
423	1-386	AS13	8-Pin DIP, IC Socket (2/Pkg)
424	1-382	AC2	Heat Sink Compound, 1-oz., with Plunger Tube
426	1-381	---	Metric Hardware Kit of 3mm, Nuts, Bolts, etc.
427	1-383	AH1	Heat Sink Kit for TO-5 and TO-39 Style Packages -Includes Heat Sink, 2 Bushings, 1 Mica
428	1-386	AS19	24-Pin DIP, IC Socket (2/Pkg)
429	1-386	AS20	28-Pin DIP, IC Socket (2/Pkg)
430	1-386	AS21	40-Pin DIP, IC Socket (1/Pkg)
431	1-386	AS11	Japanese Style Socket for TC-9 Package (2/Pkg)
432	1-382	AW1	Thread Converter, 3/8"-24 to 1/2"-20, for Stud Type Packages (2/Pkg)
433	1-382	AW2	HV Splice for CRT Anode Leads, 40 kV Insulation, Does Require Soldering
434	1-382	AC3	Non-Corrosive Adhesive/Sealant, 2-oz., Squeeze Tube
435P6	1-386	AS12	6-Pin DIP, IC Socket (2/Pkg)
435P18	1-386	AS16	18-Pin DIP, IC Socket (2/Pkg)
435P20	1-386	AS17	20-Pin DIP, IC Socket (2/Pkg)
435P22	1-386	AS18	22-Pin DIP, IC Socket (2/Pkg)
435Q14	1-387	AS22	14-Pin DIP, IC Socket for PC Board with Staggered Holes (2/Pkg)
435Q16	1-387	AS23	16-Pin DIP, IC Socket for PC Board with Staggered Holes (2/Pkg)
436W8	1-387	AS24	8-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)
436W14	1-387	AS25	14-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)
436W16	1-387	AS26	16-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)
436W18	1-387	AS27	18-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)
436W20	1-387	AS28	20-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)
436W22	1-387	AS29	22-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)
436W24	1-387	AS30	24-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)
436W28	1-387	AS31	28-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)
436W40	1-387	AS32	40-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)
437X18	1-387	AS33	Crystal Socket for HC-18 Case with .017" Diameter Cut Leads
437X33	1-387	AS34	Crystal Socket for HC-33 Case with .030" Diameter Cut Leads
438	1-381	---	Insulator Kit for DO-4 and TO-64 Stud Package with Flat Washer, Solder Lug and Hex Nut
439	1-381	---	Insulator Kit for DO-5 and TO-48 Stud Package with Flat Washer, Lock Washer, Solder Lug and Hex Nut
440A	1-384	AH13	Heat Sink Undrilled Mounting Surface
440B	1-384	AH13	Heat Sink, Drilled for TO-3, TO-48, TO-66, TO-126, TO-127, TO-220, DO-5
440C	1-384	AH13	Heat Sink, Drilled for TO-3, TO-15, TO-6, TO-36, TO-64, DO-4
440D	1-384	AH13-1	Heat Sink, Undrilled Mounting Surface
441A	1-384	AH14	Heat Sink, Drilled for Solid-State Relays
441B	1-384	AH14	Heat Sink, Undrilled Mounting Surface
442A	1-384	AH15	Heat Sink, Undrilled Mounting Surface, for PCB Mounting
442B	1-384	AH15-1	Heat Sink, Undrilled Mounting Surface, for PCB Mounting
442C	1-384	AH16	Heat Sink, Undrilled Mounting Surface, for PCB Mounting
443	1-384	AH17	Heat Sink, Undrilled Mounting Surface, for PCB Mounting
444	1-384	AH18	Heat Sink, Undrilled Mounting Surface, for Stud Mounted Devices
445	1-383	AH8	Heat Sink, for TO-92 Style (2/Pkg)
446A	1-384	AH19	Heat Sink, for 1.65" and 2.29" Hockey Puck Packages (2 Required)
446C	1-385	AH20	Heat Sink, for 2.90" Hockey Puck Packages (2 Required)
447A	1-385	AH21	Heat Sink Clamp Assembly for 446A
447B	1-385	AH21	Heat Sink Clamp Assembly for 446A
447C	1-385	AH22	Heat Sink Clamp Assembly for 446C
448B	1-385	AH23	Heat Sink, for 14/16-Pin DIP (2/Pkg)
448E	1-385	AH24	Heat Sink, for 24-Pin DIP (2/Pkg)
448G	1-385	AH25	Heat Sink, for 40-Pin DIP (2/Pkg)
449	1-382	AW3	Mounting Clip for TO-220 Case Style (2/Pkg)
● 449A	1-382	AW3-1	Mounting Clip for TO-126, SOT-82 Case Styles (2/Pkg)
450A	1-385	AH26	Heat Sink for ECG740A, ECG804, ECG810A, ECG862, ECG990
451	1-49	T16	JFET-N-Ch, UHF/VHF Amp
452	1-49	T4	JFET-N-Ch, UHF/VHF Amp
453	1-49	T14	JFET-N-Ch, VHF/FM Amp
454	1-49	T4	MOSFET-Dual Gate, N-Ch, UHF/VHF Amp
455	1-49	T49-1	MOSFET-Dual Gate, N-Ch, TV UHF RF Amp
456	1-49	T4	JFET-N-Ch, Gen Purp Amp/Sw

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458	1-49	T16	JFET-N-Ch, Gen Purp, Lo Noise Audio Amp
459	1-49	T4	JFET-N-Ch, AF Amp/Chopper/Sw
460	1-49	T4	JFET-P-Ch, AF Amp
461	1-49	T3	JFET-Matched Dual, N-Ch, DC Amp/Sampler/Chopper
462	1-49	T2	MOSFET-N-Ch, AF Amp
463	1-49	T10	MOSFET-Dual, P-Ch, Enhancement, Sw/DC Amp
464	1-49	T4	MOSFET-P-Ch, Enhancement, Sw
465	1-49	T4	MOSFET-N-Ch, Enhancement, Sw
466	1-49	T2	JFET-N-Ch, Chopper/Sw
467	1-49	T16	JFET-N-Ch, Chopper/Fast Sw
470	1-49	T58	T-NPN, Si, RF Pwr, Amateur & Marine, 30 MHz, 100 W
471	1-49	T58	T-NPN, Si, RF Pwr, Amateur & Marine, 30 MHz, 100 W
472	1-49	T6	T-NPN, Si, RF Dr & PO, Hi Band VHF, FM, 175 MHz, 1.8 W
473	1-49	T6	T-NPN, Si, RF Dr & PO, Hi Band VHF, FM, 175 MHz, 2.2 W
474	1-50	T40	T-NPN, Si, RF PO, Lo-Hi Band, 88 MHz, 6 W, 175 MHz, 3 W
475	1-50	T56	T-NPN, Si, Hi Band PO, Marine & Mobile, 175 MHz, 7 W
476	1-50	T56	T-NPN, Si, Hi Band PO, Marine & Mobile, 175 MHz, 12 W
477	1-50	T60	T-NPN, Si, RF PO, Marine & Mobile VHF, 175 MHz, 45 W
478	1-50	T60	T-NPN, Si, RF PO, Marine & Mobile VHF, 175 MHz, 100 W
479	1-50	T6	T-NPN, Si, UHF Dr & PO, 470 MHz, 1.8 W
480	1-50	T60	T-NPN, Si, UHF PO, FM, 470 MHz, 40 W
481	1-50	T61	T-NPN, Si, UHF PO, FM, 836 MHz, 6 W
482	1-50	T63	T-NPN, Si, UHF PO, FM, 836 MHz, 15 W
483	1-50	T61	T-NPN, Si, UHF PO, FM, 836 MHz, 18 W
484	1-50	T61	T-NPN, Si, UHF PO, FM, 836 MHz, 25 W
485	1-50	T62	T-NPN, Si, UHF PO, FM, 836 MHz, 25 W
486	1-50	T6	T-NPN, Si, RF PO, UHF Multiplier, 407-512 MHz, .75 W
487	1-50	T8	T-NPN, Si, RF PO, Hi Band VHF Multiplier, 175 MHz, 1 W
488	1-50	T9	T-NPN, Si, RF Dr & PO, Hi Band VHF, 175 MHz, 4 W
500A	1-84	H3	R-6 Step Silicon Tripler with Focus Tap
501B	1-84	H1	R-5 Step Silicon Tripler with Focus Tap
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1321	1-222	L64	Mod-AF PO, 55 W
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1325	1-223	L74	Mod-Dual AF PO, 20 W/Channel
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1327	1-223	L66	Mod-AF PO, 35 W
1328	1-223	L66	Mod-AF PO, 50 W
1329	1-223	L70	Mod-Dual AF PO, 20 W/Channel
1330	1-223	L73	Mod-Dual AF PO, 15 W/Channel
1331	1-223	L73	Mod-Dual AF PO, 25 W/Channel
1332	1-223	L66	Mod-AF PO, 25 W
1333	1-224	L63	Mod-AF PO, 40 W
1334	1-224	L62	Mod-AF PO, 60 W
1335	1-224	L62	Mod-AF PO, 80 W
1336	1-224	L72	Mod-AF PO, 70 W
1337	1-224	L66	Mod-AF PO, 70 W
1338	---	L68	Mod-Medium Power Dual AF Driver Amp - Discontinued
1339	1-224	L68	Mod-High Power Dual AF Driver Amp
1340	1-224	L66	Mod-AF PO, 24 W, $V_{CC}=\pm 25$ V, $R_L=8\ \Omega$
1341	1-224	L66	Mod-AF PO, 15 W, $V_{CC}=\pm 20$ V, $R_L=8\ \Omega$
1342	1-224	L66	Mod-AF PO, 100 W, $V_{CC}=\pm 50$ V, $R_L=8\ \Omega$
1343	1-224	L69	Mod-10 W Bridge (BTL) AF PO, $V_{CC}=13.8$ V, $R_L=4\ \Omega$
1344	1-224	L70	Mod-Dual AF PO, 25 W, $V_{CC}=49$ V, $R_L=8\ \Omega$ - Discontinued
1345	1-224	L74	Mod-Dual AF PO, 30 W, $V_{CC}=\pm 28$ V, $R_L=8\ \Omega$
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1348	1-225	L60	Mod-AF PO, 20 W, $V_{CC}=\pm 23$ V, $R_L=8\ \Omega$
1349	1-225	L67	Mod-AF PO, 20 W, $V_{CC}=\pm 20$ V, $R_L=4\ \Omega$
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1351	1-225	L75	Mod-Dual AF PO, 25 W, $V_{CC}=\pm 22.5$ V, $R_L=4\ \Omega$ - Discontinued
1352	1-225	L67	Mod-AF PO, 30 W, $V_{CC}=\pm 24.5$ V, $R_L=4\ \Omega$
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1358	1-226	L64	Mod-Pwr Darlington, 50 W, $V_{CC}=\pm 36$ V, $R_L=8\ \Omega$
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1363	1-226	L79	IC-AF PO, 4.2 W, $V_{CC}=13.2$ V, $R_L=4\ \Omega$
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1577	1-260	L111	IC-Dual Audio Tape Preamp (Lo Noise)
1578	1-260	L111	IC-FM Mixer/IF Amp/w AGC Det
1579	1-260	L111	IC-FM IF Amp/w AFC and Muting
1580	1-260	L104	IC-TV/FM IF Amp and Det/w VCR Audio Input
1581	1-261	L97	IC-CMOS VCR Freq Divider/Counter
1582	1-261	L153	IC-VCR Counter/Dual Gate Amp/Comp/Hold
1583	1-261	L114	IC-VCR FM Demod/AGC/Clipper/Pre-Emph
1584	1-261	L152	IC-VCR Sync Sep/Divider/Trapezoid/Gen
1585	1-261	L114	IC-VCR Video/Sync Amp/AGC/FM Mod/Limiter
1586	1-262	L153	IC-VCR Tape Sensing/Mute/Rotation
1587	1-262	L122A	IC-Horiz/Vert/Osc/Sync/Dr
1588	1-262	L153	IC-VCR Drum Servo Control/Sync/Delay
1589	1-262	L124	IC-TV Chroma/Video Amp/Demod
1590	1-263	L153	IC-VCR Drum/Capstan Servo Control/Phase
1591	1-263	L124	IC-VCR Capstan Servo Control
1592	1-263	L153	IC-VCR Auto Phase/Freq Det/Osc and Mixer
1593	1-263	L111	IC-TV VIR Signal Processor
1594	1-264	L153	IC-VCR Playback/Chroma/Burst Amp
1595	1-264	L118	IC-VCR FM Limiter/Sync Sep/Video Amp
1596	1-264	L153	IC-VCR Freq Demod/Video Chroma Amp
1597	1-265	L114	IC-TV Chroma Amp/VCO/Burst/Buffer Amp
1598	1-265	L153	IC-VCR Head Amp/Limiter/Dropout Comp
1599	1-265	L152	IC-VCR Chroma Processor/Mod
1600	1-266	L114	IC-VCR 3-Phase Speed Control/Forward/Reverse
1601	1-266	L153	IC-VCR Video Sw/Sync Sep/AGC/FM Mod
1602	1-266	L92	IC-19 W AF PO, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$
1603	1-266	L96A	IC-VCR Electronic Sw
1604	1-266	L46	IC-IF/Det/Preamp/Meter Dr/Mute
1605	1-267	L153	IC-VIF, Vid Amp/AGC/Det/Audio Det
1606	1-267	L92	IC-Dual 4.3 W/Ch AF PO, $V_{CC} = 12 \text{ VDC}$, $R_L = 4 \Omega$
1607	1-267	L41	IC-VIF/Det/Vid Amp/AGC
1608	1-267	L118	IC-AM RF Amp/IF/Osc for Electronic Tuner
1609	1-267	L31A	IC-VCR Instrumentation Timer
1610	1-267	L41	IC-TV VIF, Vid Amp/Det/AGC
1611	1-268	L111	IC-VCR Vid and FM Sound Mod/Carrier Osc
1612	1-268	L40	IC-700 mW AF PO, for Battery Use, $V_{CC} = 6 \text{ V}$, $R_L = 8 \Omega$
1613	1-268	L122A	IC-VCR Cylinder Motor Dr/Control
1614	1-268	L104	IC-TV UHF/VHF Tuner Prescaler - Discontinued
1615	1-268	L41	IC-TV B/W Tuner Band Sw
1616	1-268	L104	IC-TV Sound IF Amp/Det/Dr
1617	1-269	L124B	IC-TV Vid and Chroma Processor/Demod
1618	1-269	L41	IC-TV Vid IF Amp and AGC

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1619	1-269	L55	IC-Dual 4.5 W/Channel AF PO
● 1620	1-269	L41	IC-Video IF/AGC for B & W TV
1621	1-269	L122	IC-VCR Recording Vid Proc/AGC/FM Mod
1622	1-269	L154	IC-VCR Vid Amp/FM Demod
1623	1-269	L111	IC-VCR Carrier Osc/FM Demod
1624	1-269	L111	IC-AM/FM IF/Det/AGC/AM Osc
1625	1-270	L41	IC-VCR Tuner Bandswitch/Tuning
1626	1-270	L57	IC-Dual 4.2 W/Channel AF PO, $V_{CC} = 12 \text{ V}$, $R_L = 4 \Omega$
1627	1-270	L40	IC-55 W (typ) AF PO, $V_{CC} = 6 \text{ V}$, $R_L = 8 \Omega$
1628	1-270	L80	IC-VCR Loading and Bidirectional Motor Drive
● 1629	1-270	L41	IC-Sync Sep/Phase Det/ Horiz Osc/Driver/X-Ray Prot
● 1630	1-270	L122A	IC-VCR 3 Phase Capstan Motor Drive/PG/FG/Motor Lock Det
● 1631	1-271	L47A	IC-FM Stereo Demod/Soft Muting/Pop Noise Reduction
● 1632	1-271	L115	IC-Horiz/Vert/Osc/Sync/Driver
● 1633	1-271	L118A	IC-TV Sound IF/Tone/Vol/FM Det/Limiter/Preamp/PO
1634	1-271	L104	IC-Dual Channel AF Preamp
1635	1-271	L35A	IC-Sprk Protect/Voltage/Temp/Overload
1636	1-272	L121	IC-VCR Phase/Still Control
1637	1-272	L58	IC-Dual 4.2 W/Channel AF PO, -9 W Bridge
1638	1-272	L57	IC-6.5 W (typ) AF PO, $V_{CC} = 12 \text{ V}$, $R_L = 8 \Omega$
1639	1-272	L97	IC-Clock Generator/Dr for BBDs
1640	1-272	L104	IC-Audio Sig Delay/Dual 512 Stage BBD
1641	1-272	L97	IC-Audio Sig Delay/1024 Stage Lo Noise BBD
1648	1-273	L97	IC-Telephone Tone Ringer
1649	1-273	L97	IC-Telephone Tone Ringer
1650	1-273	L124	IC-TV Vid, Chroma Amp/Demod/Color Osc
1651	1-273	L111	IC-Recorder Dual Preamp/w ALC Det Muting
1652	1-274	L111	IC-TV Audio Limiter/Amp, Demod and Tone
1653	1-274	L124B	IC-TV VIF/SIF Amp Det, Fwd AGC, AFT
1654	1-274	L111	IC-AM/FM IF System/Osc/Det
1655	1-275	L111	IC-TV Stereo Decoder
1656	1-274	L124B	IC-TV VIF/SIF Amp Det, Rev AGC, AFT
1657	1-275	L39	IC-FM Stereo PLL Multiplexer
1658	1-275	L36	IC-TV Tuner Band Selector
1659	1-275	L35	IC-Dual AF Preamp
● 1660	1-276	L34	IC-AF Preamp, $V_{CC} = 9 \text{ V}$, $V_G = 53 \text{ dB}$
● 1661	1-276	L150A	IC-TV Horiz/Vert Processor/Vert Out
● 1662	1-276	L111	IC-TV/FM Channel Selector Controller
● 1663	1-276	L151	IC-TV SIF Amp/Det/Vol Cntrl/AF PO
● 1664	1-276	L121	IC-TV Sync Horiz/Vert Osc/Driver/AFC/X-Ray Prot
● 1665	1-277	L126	IC-TV Chroma/Vid Amp/Demod/RGB, APC, ACC
● 1666	1-277	L34	IC-Lo Noise Preamp, $V_{CC} = \pm 22.5 \text{ V}$, $V_G = 82 \text{ dB}$
● 1667	1-277	L136	IC-Dual AF PO 2.3 W, Bridge (BTL) 4.7 W, $V_{CC} = 9 \text{ V}$, $R_L = 8 \Omega$
● 1668	1-277	L35	IC-TV Sound IF/Det
● 1669	1-277	L121	IC-TV VIF/Det/Vid Amp/AFT/AGC
● 1670	1-278	L104	IC-Tachometer and Air Core Meter Driver
● 1671	1-278	L126	IC-Vid/Chroma/Demod/ Horiz/Vert/Osc Driver
● 1672	1-278	L111	IC-Pulse Width Modulator Control Ckt
● 1673	1-278	L124	IC-TV Chroma/Vid Amp/Demod
● 1674	1-279	L79	IC-TV Vertical Deflection
● 1675	1-279	L119A	IC-Dual AF PO, 8.5 W, $V_{CC} = 15 \text{ V}$, $R_L = 3 \Omega$
● 1676	1-279	L49	IC-TV Vertical Deflection
● 1677	1-279	L111	IC-TV Frequency Synthesizer for TV/CATV Tuner
● 1678	1-279	L105	IC-TV Switching Regulator/w Shutdown
● 1679	1-279	L104	IC-VCR D/A Converter/Comparator
● 1680	1-280	L25	IC-Diode Array, Common Anode
● 1681	1-280	L93A	IC-Hi Current Switching Regulator
● 1682	1-280	L41	IC-Preamp for IR Remote Control
● 1683	1-280	L115	IC-TV Horiz/Vert Processor
● 1684	1-280	L76	IC-TV Vertical Deflection
● 1685	1-280	L88	IC-Dual AF PO, 3.5 W, $V_{CC} = 16 \text{ V}$, $R_L = 8 \Omega$
● 1686	1-280	L114	IC-VCR Capstan Speed Control
● 1687	1-281	L93B	IC-Dual AF PO, 2.5 W, Bridge (BTL) 7.8 W, $V_{CC} = 9 \text{ V}$, $R_L = 4 \Omega$
● 1688	1-281	L41	IC-TV Tuner Band Switch
● 1689	1-281	L115	IC-VCR Head Amp/Limiter/D.O.C./Switching
● 1690	1-281	L111	IC-Dual Tone Multifrequency Dialer (CMOS)
● 1691	1-281	L115	IC-Pulse Dialer/w Redial (CMOS)
● 1692	1-281	L115	IC-Pulse Dialer/w Redial/Tone Signal Out (CMOS)
● 1693	1-281	L111	IC-Push Button Pulse Dialer/w Redial (CMOS)
● 1700	1-282	L115	IC-VCR Freq Div/Speed Select 2/4/6 Hr.
● 1701	1-282	L124	IC-VCR Drum Servo Control for Speed/Phase
● 1702	1-282	L115	IC-VCR Color Signal Processor
● 1703	1-282	L112	IC-VCR Color Signal Processor
● 1704	1-282	L41	IC-AF Pwr Amp 1.2 W, $V_{CC} = 9 \text{ V}$, $R_L = 8 \Omega$
● 1705	1-282	L17B	IC-VCR Hall Switch, End of Tape Sensor
● 1706	1-282	L124	IC-VCR Servo Control for Drum and Capstan
● 1707	1-282	L57A	IC-Dual AF PO 5.5 W, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$
● 1708	1-283	L36	IC-TV Tuner Band Selector
● 1709	1-283	L41	IC-VCR Dual Balanced Modulator
● 1710	1-283	L121	IC-VCR Record/Playback Circuits
● 1711	1-283	L41	IC-VCR Recording Amp Circuit
● 1712	1-283	L121	IC-VCR Video Processor for Recording
● 1713	1-283	L115	IC-VCR Line Noise Canceling Circuit
● 1714M	1-283	L98	IC-TV Remote Control Signal Amp
● 1714S	1-283	L35B	IC-TV Remote Control Signal Amp

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● 1715	1-284	L115	IC-Fluorescent Display Driver - 8 Circuits
● 1716	1-284	L87	IC-VCR Motor Dr/w Braking
● 1717	1-284	L47A	IC-VCR Dual Switching Power Supply
● 1718	1-284	L39	IC-VCR Dual Comparator
● 1719	1-254	L11A	IC-TV Voltage Regulator
● 1720	1-284	L112	IC-Pulse Width Modulator/Dual Switching Reg Outputs
● 1721	1-284	L112	IC-Pulse Width Modulator/Dual NOR Sw Reg Outputs
● 1722	1-284	L115	IC-Pulse Width Modulator/Dual Totem Pole Outputs
● 1723	1-284	L112	IC-Pulse Width Modulator/Dual OR Sw Reg Outputs
● 1724	1-284	L52A	IC-AF PO 20 W, $V_{CC} = \pm 22$ V, $R_L = 8 \Omega$
● 1725	1-285	L111	IC-TV Video/IF Amp/Det/AFT/AGC
● 1726	1-285	L122	IC-TV Chroma/Vid Processor/Demod
● 1727	1-285	L115	IC-TV Signal Processor
● 1728	1-285	L124C	IC-TV VIF/SIF Amp/Det/AGC/AFT
● 1729	1-286	L111	IC-Pulse Width Modulator Control Ckt
● 1730	1-286	L39	IC-Dual Hi Gain AF Preamp
● 1731	1-286	L111	IC-Ten Number Repertory Dialer (CMOS)
● 1732	1-286	L67A	Mod-AF PO 13.5 V Regulated, 4 W for TV
● 1733	1-286	L69A	Mod-VCR Fixed VR: 15 V @ 1 A, 9.5 V @ 1 A, 12 V @ 1 A, 5.1 V @ 0.5 A
● 1734	1-286	L69A	Mod-VCR Fixed VR: 12 V @ 2 A, 9 V @ 1 A, 5.1 V @ 0.5 A
● 1735	1-286	L69A	Mod-VCR Fixed VR: 16 V @ 1 A, 12 V @ 1 A, 12 V @ 1.5 A, 11.9 V @ 1.5 A
● 1736	1-287	L75A	Mod-4 Phase Constant Current Step Motor Driver
● 1737	1-287	L75B	Mod-Chopper Dual Pwr Supply: 5 V @ 3 A, 24 V @ 3 A
● 1738	1-287	L124	IC-TV/Stereo Remote Control Receiver
● 1739	1-287	L111	IC-TV Horiz/Vert Deflection Osc Countdown
● 1740	1-287	L18B	IC-TV Voltage Regulator (115 V)
● 1741	1-287	L18B	IC-TV Voltage Regulator (125 V)
● 1742	1-287	L18B	IC-TV Voltage Regulator (130 V)
● 1743	1-287	L18B	IC-TV Voltage Regulator (135 V)
● 1744	1-287	L121	IC-Dual dbx Noise Reduction
● 1745	1-287	L35	IC-VCR Hi Speed Freq Divider
● 1746	1-288	L124	IC-TV Tuner Freq Synthesizer
● 1747	1-288	L124	IC-TV Chroma/Vid Processor/Demod
● 1748	1-288	L30A	IC-Hybrid DC Motor Driver
● 1749	1-288	L111	IC-Dual Bidirectional Motor Driver
● 1750	1-288	L93A	IC-Dual Solenoid/Motor Driver
● 1751	1-289	L29	IC-TV Switching SCR Driver for Voltage Regulation
● 1752	1-289	L115	IC-TV Sound IF/Lim/Det/Demod/AF Out
● 1753	1-289	L104	IC-Pulse Width Mod Control Ckt
● 1754	1-289	L51A	IC-TV Vertical Deflection
● 1755	1-289	L115	IC-32 Command Remote Control Transmitter
● 1756	1-289	L115	IC-15 Command Remote Control Receiver
● 1757	1-289	L115	IC-Programmable Remote Control Receiver
● 1758	1-289	L111	IC-27 Command Remote Control Transmitter
● 1759	1-290	L111	IC-26 Command Remote Control Receiver
● 1760	1-290	L111	IC-32 Command Remote Control Transmitter
● 1761	1-290	L111	IC-Infrared Remote Control Receiver
● 1762	1-290	L111	IC-Infrared Remote Control Receiver
● 1763	1-290	L104	IC-Remote Control Infrared Preamp
● 1764	1-290	L104	IC-Remote Control Infrared Preamp
● 1768	1-290	L1B	IC-RF/IF/VHF Hybrid Amp, BW = 400 MHz, $V_D = 2.9$ V
● 1769	1-290	L1B	IC-RF/IF/VHF Hybrid Amp, BW = 400 MHz, $V_D = 5$ V
● 1770	1-290	L1B	IC-RF/IF/VHF Hybrid Amp, BW = 600 MHz, $V_D = 3.2$ V
1900	1-291	L16	IC-Pos VR, 3 Terminal, Adjustable, 1.2 to 37 V, 100 mA
1901	1-291	L16	IC-Neg VR, 3 Terminal, Adjustable, -1.2 to -37 V, 100 mA
1902	1-291	L16	IC-Pos VR, 3 Terminal, 9 V, 100 mA
1903	1-291	L16	IC-Neg VR, 3 Terminal, -12 V, 100 mA
1905	1-291	L16	IC-Neg VR, 3 Terminal, -15 V, 100 mA
1906	1-291	L16	IC-Pos VR, 3 Terminal, 18 V, 100 mA
1907	1-291	L16	IC-Neg VR, 3 Terminal, -18 V, 100 mA
1908	1-291	L16	IC-Pos VR, 3 Terminal, 24 V, 100 mA
1909	1-291	L16	IC-Neg VR, 3 Terminal, -24 V, 100 mA
1911	1-292	L11	IC-Neg VR, 3 Terminal, Adjustable, -1.2 to -37 V, 1.5 A
1912	1-292	L11	IC-Pos VR, 3 Terminal, 12 V, 3 A
1913	1-292	L11	IC-Neg VR, 3 Terminal, -5 V, 1.5 A
1914	1-292	L11	IC-Pos VR, 3 Terminal, 12 V, 1.5 A
1915	1-292	L11	IC-Neg VR, 3 Terminal, -12 V, 1.5 A
1916	1-292	L11	IC-Pos VR, 3 Terminal, 15 V, 1.5 A
1917	1-291	L16	IC-Neg VR, 3 Terminal, -5 V, 100 mA
1918	1-292	L11	IC-Pos VR, 3 Terminal, 15 V, 3 A
1919	1-292	L11	IC-Neg VR, 3 Terminal, -15 V, 1.5 A
1920	1-292	L11	IC-Pos VR, 3 Terminal, 18 V, 1.5 A
1923	1-292	L11	IC-Neg VR, 3 Terminal, -18 V, 1.5 A
1924	1-292	L11	IC-Pos VR, 3 Terminal, 24 V, 1.5 A
1925	1-292	L11	IC-Neg VR, 3 Terminal, -24 V, 1.5 A

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1926	1-292	L11B	IC-Pos VR, 4 Terminal, Adjustable, 5 to 30 V, 1 A
1927	1-292	L11B	IC-Neg VR, 4 Terminal, Adjustable, -2.2 to -30 V, 1 A
1928	1-293	L3	IC-Pos VR, Adjustable, 4.5 to 30 V, 12 mA
1930	1-293	L98	IC-Pos VR, Adjustable, 5 to 37 V, 25 mA
1932	1-179	L17	IC-Pos VR, 10 V, 1 A
1934	1-293	L17A	IC-Pos VR, 3 Terminal, 5 V, 2 A
1936	1-293	L17A	IC-Pos VR, 3 Terminal, 12 V, 2 A
1938	1-293	L17A	IC-Pos VR, 3 Terminal, 15 V, 2 A
1940	1-293	L17A	IC-Pos VR, 3 Terminal, 24 V, 2 A
● 1941	1-293	L97	IC- ± 15 V Dual Tracking VR
2000	---	---	IC-Dolby Circuit
2001	---	---	IC-Dolby Circuit
2002	---	---	IC-Dolby Circuit
2003	---	---	IC-Dolby Circuit
2004	---	---	IC-Dolby Circuit
2011	1-370	D8	IC-7 Channel MOS/TTL Input Driver
2012	1-370	D8	IC-7 Channel PMOS Input Driver
2013	1-370	D8	IC-7 Channel CMOS/TTL Input Driver
2014	1-370	D8	IC-7 Channel CMOS/PMOS Input Driver
2015	1-370	D8	IC-7 Channel CMOS/TTL Input Driver
2016	1-370	D10	IC-8 Channel MOS/TTL Input Driver
2017	1-370	D10	IC-8 Channel PMOS Input Driver
2018	1-370	D10	IC-8 Channel CMOS/TTL Input Driver
2019	1-370	D10	IC-8 Channel CMOS/PMOS Input Driver
2020	1-370	D10	IC-8 Channel CMOS/TTL Input Driver
2021	1-370	D10	IC-8 Digit/Segment Display Driver
2022	1-370	D10	IC-8 Digit/Segment Display Driver
2023	1-370	D8	IC-7 Segment Display Driver
2024	1-370	D15	IC-2 Digit BCD-to-Seven-Segment Decoder Driver
2025	1-370	D6	IC-Quad HV Display Driver for Gas Discharge Displays
2026	1-370	D8	IC-Hex HV Display Driver for Gas Discharge Displays
2027	1-370	D6	IC-Hex HV Digit Driver, MOS Compatible
2028	1-370	D8	IC-Seven-Segment HV Decoder/Driver for Gas Filled Displays
2029	1-370	D8	IC-HV Digit Driver for Gas Discharge Displays
2030	1-370	D10	IC-HV Segment Driver for Gas Discharge Displays
2031	1-371	D8	IC-HV Digit Driver for Gas Discharge Displays
2032	1-371	D8	IC-BCD-to-Seven-Segment Decoder/Driver with Constant Current Outputs
2040	1-294	L104	IC-7 Stage Freq Divider
2041	1-294	L97	IC-Organ Digital Noise Generator - Discontinued
2042	1-294	L112	IC-PMOS, Organ Top Octave Generator - Discontinued
2043	1-294	L112	IC-PMOS, Organ Top Octave Generator
2045	1-294	L111	IC-TV Camera Sync Generator
2046	1-294	L97	IC-CMOS 60 Hz Time Base Generator
2047	1-294	L112	IC-CMOS, FSK Modem 0-600 Baud
● 2049	1-294	L125	IC-CMOS, Lo Power, 3 1/2 Digit A/D Converter for LCD Displays
2050	1-294	L125	IC-CMOS, Single Chip 3 1/2 Digit Analog to Digital Converter for LED Display
2051	1-294	L125	IC-CMOS, Single Chip 3 1/2 Digit Analog to Digital Converter for LCD Display
2052	1-294	L124A	IC-CMOS, 3 1/2 Digit Analog to Digital Converter with Multiplexed Seven-Segment Output
2053	1-294	L118A	IC-CMOS, 8-Bit MPU Compatible Analog to Digital Converter
2054	1-294	L112	IC-3 Digit Analog to Digital Subsystem
2055	1-295	L122	IC-CMOS, 3 1/2 Digit Analog to Digital Converter
2056	1-375	D9	IC-Digital to Analog Converter
2060	1-295	L125	IC-PMOS, Digital Alarm Clock Ckt for LED Display
2061	1-295	L125	IC-PMOS, Digital Alarm Clock Ckt for Vacuum Fluorescent Display - Discontinued
● 2062	1-295	L124	IC-4-Mode Digital Alarm Clock for LED Display
2070	1-371	D10	IC-Transistor Array, 7-Unit 150 mA with Clamp Diode and Strobe
2071	1-371	D10	IC-Transistor Array, 7-Unit 150 mA with Clamp Diode and Strobe
2072	1-371	D8	IC-Transistor Array, 6-Unit 320 mA with Clamp Diode and Strobe
2073	1-371	D8	IC-Transistor Array, 6-Unit 320 mA with Clamp Diode and Strobe
2074	1-370	D8	IC-Darlington Array, 7-Unit 400 mA with Clamp Diode
2075	1-371	D6	IC-Transistor Array, 5-Unit 320 mA with Strobe
2076	1-370	D8	IC-Darlington Array, 7-Unit 150 mA with Clamp Diode
2077	1-371	D6	IC-Transistor Array, 6-Unit 150 mA with Clamp Diode
2078	1-371	D6	IC-Darlington Array, 5-Unit 500 mA
2079	1-371	D8	IC-Darlington Array, 7-Unit 400 mA
2080	1-371	D10	IC-Transistor Array, 7-Unit 400 mA with Strobe
2081	1-370	D8	IC-Transistor Array, 7-Unit 100 mA Drivers
2082	1-371	D7	IC-Darlington Array, 6-Unit 100 mA
2083	1-371	D7	IC-Darlington Array, 6-Unit 150 mA
2084	1-371	D7	IC-Darlington Array, 5-Unit 150 mA
2085	1-371	D8	IC-Darlington Array, 4-Unit 1.5 A
2086	1-371	D8	IC-Darlington Array, 4-Unit 1.5 A
2087	1-371	D8	IC-Darlington Array, 4-Unit 1.5 A with Pre-Driver Stage
2088	1-371	D8	IC-Darlington Array, 4-Unit 1.5 A with Pre-Driver Stage

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● 2090	1-372	D9	IC-Transistor Array, 7-Unit, 150 mA with Clamp Diode
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2104	1-375	D8	IC-MOS, Dynamic 4K RAM, 200 nsecs Access Time
2107	1-375	D13	IC-MOS Dynamic 4K RAM, 200 nsecs Access Time
2114	1-375	D10	IC-MOS, Static 4K RAM, 300 nsecs Access Time
2117	1-375	D8	IC-MOS, Dynamic 16K RAM, 200 nsecs Access Time
2128	1-375	D15	IC-NMOS, Static 16K RAM, 150 nsecs Access Time
2147	1-375	D10	IC-MOS, Static 4K RAM, 55 nsecs Access Time
2164	1-375	D8	IC-NMOS, 64K DRAM, 150 nsecs Access Time*
2200	1-295	L124	IC-HMOS TV Tuner Microprocessor
2201	1-295	L124	IC-HMOS TV Tuner Microprocessor
2202	1-295	L124	IC-HMOS TV Tuner Microprocessor
2203	1-295	L115	IC-PMOS EAPOM for TV Tuners
2204	1-295	L124	IC-HMOS TV Tuner Microprocessor
2205	1-295	L124	IC-HMOS TV Tuner Microprocessor
2206	1-295	L124	IC-HMOS TV Tuner Microprocessor
2207	1-295	L115	IC-CMOS Digital Clock for 4-Bit MPU
2300	1-50	T48	T-NPN, Si, HV, Horiz Output, Sw
2301	1-50	T48	T-NPN, Si, HV, Horiz Output, Sw
2302	1-50	T48-1	T-NPN, Si, Horiz Out with Damper Diode
2303	1-50	T41	T-NPN, Si, HV, Horiz Output, Sw
2304	1-50	T48-1	T-NPN, Si, Hi Speed Sw, Amp (Compl to ECG2314)
2305	1-50	T48	T-NPN, Si, Pwr Amp, Sw (Compl to ECG2306)
2306	1-50	T48	T-PNP, Si, Pwr Amp, Sw (Compl to ECG2305)
2307	1-50	T48-1	T-NPN, Si, Hi Gain Amp, Series Pass
2308	1-50	T48-1	T-NPN, Si, Hi Speed Sw, Series Pass
2309	1-50	T48-1	T-NPN, Si, HV, Hi Speed Sw
2310	1-50	T48	T-NPN, Si, HV, Hi Speed Sw
2311	1-50	T48	T-NPN, Si, HV, Hi Speed Sw, Hi Current
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● 2332	1-51	T41	T-NPN, Darl, 60 V, 2 A, w/Damper Diode, Int Zener Cntrl, Driver, Sw, $t_f = .5 \mu s$
● 2334	1-51	T41	T-NPN, Darl, 60 V, 5 A, w/Damper Diode, Int Zener Cntrl, Driver, Sw, $t_f = 1.5 \mu s$
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● 2338	1-51	T45	T-NPN, Darl, 60 V, 2 A, w/Damper Diode, Int Zener Cntrl, Amp, Sw, $t_f = 1 \mu s$
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● 2345	1-52	T45-2	T-NPN, Si, Darl, Pwr Amp, Sw (Compl to ECG2346)
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● 2357	1-52	T13-1	T-NPN, Si, Digital (22 k Ω) Sw, Drvr (Compl to ECG2358)
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4098B	1-323	D8	IC-CMOS Dual Monostable Multivibrator
4099B	1-323	D8	IC-CMOS 8-Bit Addressable Latch
4501	1-323	D8	IC-CMOS Dual 4-Input NAND, 2-Input OR/NOR, 8-Input AND/NAND Multifunction Gate
4502B	1-323	D8	IC-CMOS HV Strobed Hex Inverter/Buffer
4506	1-323	D8	IC-CMOS Dual Expandable AND/OR/Invert Gate
4508B	1-323	D14	IC-CMOS HV Dual 4-Bit Latch
4510B	1-324	D8	IC-CMOS Presettable Up/Down Counter
4511B	1-324	D8	IC-CMOS BCD-to-7-Segment Latch Decoder Driver
4512B	1-324	D8	IC-CMOS 8-Input Multiplexer with 3-Stage Output
4513B	1-324	D11	IC-CMOS BCD-to-7-Segment Latch/Decoder/Driver with Ripple Blanking
4514B	1-324	D14	IC-CMOS 4-Bit Latch/4-to-16-Line Decoder
4515B	1-324	D14	IC-CMOS 4-Bit Latch/4-to-16-Line Decoder
4516B	1-324	D8	IC-CMOS Presettable Up/Down Counter
4517B	1-324	D8	IC-CMOS Dual 64-Bit Static Shift Register
4518B	1-324	D8	IC-CMOS Dual BCD Up Counter
4520B	1-324	D8	IC-CMOS Dual Binary Up Counter
4521B	1-324	D8	IC-CMOS 24-Stage Frequency Divider
4522B	1-324	D8	IC-CMOS BCD-Programmable Divide-By-'N', 4-Bit Counter
4526B	1-325	D8	IC-CMOS Programmable Divide-By-'N', 4-Bit Binary Counter
4527B	1-325	D8	IC-CMOS BCD Multiplier
4528B	1-325	D8	IC-CMOS Dual Monostable Multivibrator
4529B	1-325	D8	IC-CMOS Single 8-Channel or Dual 4-Channel Analog Data Selector
4531B	1-325	D8	IC-CMOS 12-Bit Parity Tree
4532B	1-325	D8	IC-CMOS 8-Bit Priority Encoder
4536B	1-325	D8	IC-CMOS Programmable Timer
4539B	1-325	D8	IC-CMOS Dual 4-Channel Digital Mxr
4541B	1-325	D6	IC-CMOS Programmable Oscillator/Timer
4543B	1-325	D8	IC-CMOS BCD to 7-Segment Latch/Decoder/Driver for LCD
4547B	1-325	D8	IC-CMOS BCD to 7-Segment Latch/Decoder/Driver, Hi Current
4551B	1-326	D8	IC-CMOS Quad 2-Input Analog Multiplexer/Demultiplexer
4553B	1-326	S8	IC-CMOS 3-Digit BCD Counter
4555B	1-326	D8	IC-CMOS Dual Binary to 1-of-4 Decoder/Demultiplexer (High-on-Select)
4556B	1-326	D8	IC-CMOS Dual Binary to 1-of-4 Decoder/Demultiplexer (Low-on-Select)
4558B	1-326	D8	IC-CMOS BCD-to-7-Segment Decoder
4562B	1-326	D6	IC-CMOS 128-Bit Static Shift Register
4566B	1-326	D8	IC-CMOS Industrial Time Base Generator
4568B	1-326	D8	IC-CMOS Phase Comparator and Programmable Counter
4569B	1-326	D8	IC-CMOS Programmable Divide-By-'N' Dual 4-Bit BCD/Binary Counter

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4582B	1-326	D8	IC-CMOS Look-Ahead Carry Block (Use ECG40182 for replacement)
4583B	1-327	D8	IC-CMOS Dual Schmitt Trigger
4585B	1-327	D8	IC-CMOS 4-Bit Magnitude Comparator
4597B	1-327	D8	IC-CMOS 8-Bit Bus Compatible 3-State Latch with Internal Counter
4598B	1-327	D11	IC-CMOS 8-Bit Bus Compatible 3-State Latch with Binary Address Decoder
4900	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 5.0 VR
4901	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 3.5 VAC RMS
4902	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 5.8 VR
4903	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 4.0 VAC RMS
4918	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 11.1 VR
4919	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 7.8 VAC RMS
4926	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 15.3 VR
4927	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 10.8 VAC RMS
4928	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 17.1 VR
4929	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 12.0 VAC RMS
4934	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 23.1 VR
4935	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 16.0 VAC RMS
4950	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 43.6 VR
4951	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 30.0 VAC RMS
4958	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 58.1 VR
4959	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 41.0 VAC RMS
4988	1-118	S14	D-Surge Clamping, Overvoltage Transient Suppressor, 171.0 VR
4989	1-118	S14	D-Bidirectional Surge Clamping, Overvoltage Transient Suppressor, 121.0 VAC RMS
5000A thru 5010A	1-98	Z3A	ZD-2.4 thru 5.1 V, 0.5 W, 5% Tolerance (2/Pkg)
5010T1	1-98	Z4	ZD-5.1 V, 0.5 W, 1% Tolerance
5011A	1-98	Z3A	ZD-5.6 V, 0.5 W, 5% Tolerance (2/Pkg)
5011T1	1-98	Z4	ZD-5.6 V, 0.5 W, 1% Tolerance
5012A	1-98	Z3A	ZD-6.0 V, 0.5 W, 5% Tolerance (2/Pkg)
5013A	1-98	Z3A	ZD-6.2 V, 0.5 W, 5% Tolerance (2/Pkg)
5013T1	1-98	Z4	ZD-6.2 V, 0.5 W, 1% Tolerance
5014A thru 5019A	1-98	Z3A	ZD-6.8 V thru 10 V, 0.5 W, 5% Tolerance (2/Pkg)
5019T1	1-98	Z4	ZD-10 V, 0.5 W, 1% Tolerance
5020A	1-98	Z3A	ZD-11 V, 0.5 W, 5% Tolerance (2/Pkg)
5021A	1-98	Z3A	ZD-12 V, 0.5 W, 5% Tolerance (2/Pkg)
5021T1	1-98	Z4	ZD-12 V, 0.5 W, 1% Tolerance
5022A thru 5060A	1-98	Z3A	ZD-13 V thru 200.0 V, 0.5 W, 5% Tolerance (2/Pkg)
5063A thru 5105A	1-98	Z3A	ZD-2.7 thru 200.0 V, 1 W, 5% Tolerance (2/Pkg)
5107T2	1-98	Z3A	123 V, .5 W, 2% Tolerance
5111A thru 5166A	1-98	Z18	ZD-3.3 thru 200.0 V, 5 W, 5% Tolerance
5172A thru 5232A	1-98	Z19	ZD-3.3 thru 200.0 V, 10 W, 5% Tolerance
5172AK thru 5232AK	1-98	Z19	ZD-3.3 thru 200.0 V, 10 W, 5% Tolerance, Cathode Connected to Stud
5240A thru 5296A	1-98	Z20	ZD-3.9 thru 200.0 V, 50 W, 5% Tolerance
5240AK thru 5296AK	1-98	Z20	ZD-3.9 thru 200.0 V, 50 W, 5% Tolerance, Cathode Connected to Stud
5304	1-99	Z22	R-Si, Bridge, 400 PRV, 1.5 A
5305	1-99	Z22	R-Si, Bridge, 600 PRV, 1.5 A
5306	1-99	Z22	R-Si, Bridge, 800 PRV, 1.5 A
5307	1-99	Z22	R-Si, Bridge, 1000 PRV, 1.5 A
5309	1-99	Z23-1	R-Si, Bridge, 200 PRV, 4 A
5310	1-99	Z23-1	R-Si, Bridge, 600 PRV, 4 A
5311	1-99	Z23-1	R-Si, Bridge, 1000 PRV, 4 A
5312	1-99	Z24	R-Si, Bridge, 100 PRV, 8 A
5313	1-99	Z24	R-Si, Bridge, 200 PRV, 8 A
5314	1-99	Z24	R-Si, Bridge, 400 PRV, 8 A
5315	1-99	Z24	R-Si, Bridge, 600 PRV, 8 A
5316	1-99	Z24	R-Si, Bridge, 800 PRV, 8 A
5317	1-99	Z24	R-Si, Bridge, 1000 PRV, 8 A
5318	1-99	Z68A	R-Si, Bridge, 200 PRV, 4A
5319	1-99	Z68A	R-Si, Bridge, 600 PRV, 4 A
5320	1-99	Z68A	R-Si, Bridge, 1000 PRV, 4 A
5322	1-99	Z25	R-Si, Bridge, 200 PRV, 25 A

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5326	1-99	Z25	R-Si, Bridge, 600 PRV, 25 A
5327	1-99	Z25	R-Si, Bridge, 800 PRV, 25 A
5328	1-99	Z25	R-Si, Bridge, 1000 PRV, 25 A
● 5329	1-99	Z68	R-Si, Bridge, 200 PRV, 6 A
● 5330	1-99	Z68	R-Si, Bridge, 600 PRV, 6 A
5332	1-99	Z21	R-Si, Bridge, 600 PRV, 1 A
5334	1-99	Z21	R-Si, Bridge, 1000 PRV, 1 A
5335	1-100	Z66	R-Si, Bridge, 600 PRV, 60 A
5338	1-100	Z66	R-Si, Bridge, 600 PRV, 100 A
5340	1-99	Z25	R-Si, Bridge, 200 PRV, 40 A
5342	1-99	Z25	R-Si, Bridge, 600 PRV, 40 A
5344	1-99	Z25	R-Si, Bridge, 1000 PRV, 40 A
5346	1-99	Z65	R-Si, Bridge, 600 PRV, 80 A
5348	1-99	Z65	R-Si, Bridge, 600 PRV, 100 A
5351	1-108	Z42	SCR-Hi Speed, 600 VRM, 5 A
5360	1-108	Z49	SCR-Hi Speed, 600 VRM, 35 A
5368	1-108	Z51	SCR-Hi Speed, 600 VRM, 125 A
5369	1-108	Z51	SCR-Hi Speed, 1200 VRM, 125 A
5371	1-108	Z52	SCR-Hi Speed, 600 VRM, 125 A
5372	1-108	Z52	SCR-Hi Speed, 1200 VRM, 125 A
5374	1-108	Z53	SCR-Hi Speed, 600 VRM, 275 A
5375	1-108	Z53	SCR-Hi Speed, 1200 VRM, 275 A
5377	1-108	Z54	SCR-Hi Speed, 600 VRM, 475 A
5378	1-108	Z54	SCR-Hi Speed, 1200 VRM, 475 A
5380	1-108	Z55	SCR-Hi Speed, 600 VRM, 400 A
5381	1-108	Z55	SCR-Hi Speed, 1200 VRM, 400 A
5386	1-108	Z56	SCR-Hi Speed, 600 VRM, 700 A
5387	1-108	Z56	SCR-Hi Speed, 1200 VRM, 700 A
5400	1-105	Z36	SCR-30 VRM, 0.8 A
5401	1-105	Z36	SCR-60 VRM, 0.8 A
5402	1-105	Z36	SCR-100 VRM, 0.8 A
5404	1-105	Z36	SCR-200 VRM, 0.8 A
5405	1-105	Z36	SCR-400 VRM, 0.8 A
5406	1-105	Z36	SCR-600 VRM, 0.8 A
5408	1-105	Z35	SCR-200 VRM, 3.0 A
5409	1-105	Z35	SCR-400 VRM, 3.0 A
5410	1-105	Z35	SCR-600 VRM, 3.0 A
5411	1-105	Z38	SCR-30 VRM, 4.0 A
5412	1-105	Z38	SCR-60 VRM, 4.0 A
5413	1-105	Z38	SCR-100 VRM, 4.0 A
5414	1-105	Z38	SCR-200 VRM, 4.0 A
5415	1-105	Z38	SCR-400 VRM, 4.0 A
5416	1-105	Z38	SCR-600 VRM, 4.0 A
5417	1-106	Z41	SCR-200 VRM, 10 A
5418	1-106	Z41	SCR-400 VRM, 10 A
5419	1-106	Z41	SCR-600 VRM, 10 A
5421	1-105	Z39	SCR-30 VRM, 4.0 A
5422	1-105	Z39	SCR-60 VRM, 4.0 A
5423	1-105	Z39	SCR-100 VRM, 4.0 A
● 5424	1-109	Z41	SCR-TV Pwr Supply Regulator, Hi Speed Sw
5425	1-109	Z42	SCR-Pwr Supply Regulator (Replaces RCA 148112, 143790)
5426	1-106	Z41	SCR-400 VRM, 10 A
5427	1-105	Z35	SCR-200 V VDRM, 7.0 A
5428	1-105	Z35	SCR-400 V VDRM, 7.0 A
5429	1-105	Z35	SCR-600 V VDRM, 7.0 A
5431	1-105	Z39	SCR-30 VRM, 4.0 A
5432	1-105	Z39	SCR-60 VRM, 4.0 A
5433	1-105	Z39	SCR-100 VRM, 4.0 A
5437	1-105	Z41	SCR-400 VRM, 8.0 A
5438	1-105	Z41	SCR-600 VRM, 8.0 A
5442	1-105	Z39	SCR-50 VRM, 8.0 A
5444	1-105	Z39	SCR-200 VRM, 8.0 A
5446	1-105	Z39	SCR-400 VRM, 8.0 A
5448	1-105	Z39	SCR-600 VRM, 8.0 A
5452	1-105	Z40	SCR-30 VRM, 4.0 A
5453	1-105	Z40	SCR-50 VRM, 4.0 A
5454	1-105	Z40	SCR-100 VRM, 4.0 A
5455	1-105	Z40	SCR-200 VRM, 4.0 A
5457	1-105	Z40	SCR-400 VRM, 4.0 A
5461	1-106	Z41	SCR-50 VRM, 10 A
5462	1-106	Z41	SCR-100 VRM, 10 A
5463	1-106	Z41	SCR-200 VRM, 10 A
5465	1-106	Z41	SCR-400 VRM, 10 A
5466	1-106	Z41	SCR-600 VRM, 10 A
5468	1-106	Z41	SCR-800 VRM, 10 A
5470	1-105	Z48	SCR-50 VRM, 5.0 A
5471	1-105	Z48	SCR-100 VRM, 5.0 A
5472	1-105	Z48	SCR-200 VRM, 5.0 A
5472	1-105	Z48	SCR-400 VRM, 5.0 A
5476	1-105	Z48	SCR-600 VRM, 5.0 A
5481	1-105	Z48	SCR-50 VRM, 8.0 A
5482	1-105	Z48	SCR-100 VRM, 8.0 A
5483	1-105	Z48	SCR-200 VRM, 8.0 A
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5502	1-106	Z49	SCR-100 VRM, 16 A
5504	1-106	Z49	SCR-200 VRM, 16 A
5507	1-106	Z49	SCR-400 VRM, 16 A
5509	1-106	Z49	SCR-600 VRM, 16 A
5511	1-105	Z42	SCR-200 VRM, 5.0 A
5512	1-105	Z42	SCR-400 VRM, 5.0 A
5513	1-105	Z42	SCR-600 VRM, 5.0 A
5514	1-106	Z46	SCR-200 VRM, 20 A
5515	1-106	Z46	SCR-400 VRM, 20 A
5516	1-106	Z46	SCR-600 VRM, 20 A
5517	1-106	Z46	SCR-200 VRM, 35 A
5518	1-106	Z46	SCR-400 VRM, 35 A
5519	1-106	Z46	SCR-600 VRM, 35 A
5521	1-106	Z49	SCR-50 VRM, 25 A
5522	1-106	Z49	SCR-100 VRM, 25 A
5524	1-106	Z49	SCR-200 VRM, 25 A
5527	1-106	Z49	SCR-400 VRM, 25 A
5529	1-106	Z49	SCR-600 VRM, 25 A
5531	1-106	Z49	SCR-800 VRM, 25 A
5534	---	Z45	SCR-600 VRM, 35 A - Discontinued
● 5534A	1-106	Z45A	SCR-600 VRM, 40 A
5541	1-106	Z49	SCR-50 VRM, 35 A
5542	1-106	Z49	SCR-100 VRM, 35 A
5543	1-106	Z49	SCR-200 VRM, 35 A
5545	1-106	Z49	SCR-400 VRM, 35 A
5547	1-106	Z49	SCR-600 VRM, 35 A
5548	1-106	Z49	SCR-800 VRM, 35 A
5550	1-106	Z41	SCR-50 VRM, 25 A
5552	1-106	Z41	SCR-200 VRM, 25 A
5554	1-106	Z41	SCR-400 VRM, 25 A
5556	1-106	Z41	SCR-600 VRM, 25 A
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5562	1-106	Z50	SCR-200 VRM, 35 A
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5568	1-107	Z47	SCR-600 VRM, 80 A
5569	1-107	Z47	SCR-1200 VRM, 80 A
5570	1-107	Z52	SCR-200 VRM, 125 A
5572	1-107	Z52	SCR-600 VRM, 125 A
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5575	1-107	Z51	SCR-200 VRM, 125 A
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5580	1-107	Z53	SCR-200 VRM, 275 A
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5584	1-107	Z53	SCR-1200 VRM, 275 A
5587	1-107	Z54	SCR-600 VRM, 550 A
5589	1-107	Z54	SCR-1200 VRM, 550 A
5590	1-107	Z55	SCR-200 VRM, 470 A
5591	1-107	Z55	SCR-600 VRM, 470 A
5592	1-107	Z55	SCR-1200 VRM, 470 A
5594	1-107	Z56	SCR-200 VRM, 850 A
5595	1-107	Z56	SCR-600 VRM, 850 A
5596	1-107	Z56	SCR-1200 VRM, 850 A
5598	1-107	Z57	SCR-600 VRM, 1880 A
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5602	1-112	Z38	TRIAC-100 VRM, 4 A
5603	1-112	Z38	TRIAC-200 VRM, 4 A
5605	1-112	Z38	TRIAC-400 VRM, 4 A
5607	1-112	Z38	TRIAC-600 VRM, 4 A
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5609	1-112	Z41	TRIAC-600 VRM, 8 A, Sensitive Gate
5610	1-112	Z41	TRIAC-800 VRM, 8 A, Sensitive Gate
5612	1-112	Z39	TRIAC-50 VRM, 10 A
5613	1-112	Z39	TRIAC-100 VRM, 10 A
5614	1-112	Z39	TRIAC-200 VRM, 10 A
5616	1-112	Z39	TRIAC-400 VRM, 10 A
5618	1-112	Z39	TRIAC-600 VRM, 10 A
5622	1-112	Z39	TRIAC-50 VRM, 10 A
5623	1-112	Z39	TRIAC-100 VRM, 10 A
5624	1-112	Z39	TRIAC-200 VRM, 10 A
5626	1-112	Z39	TRIAC-400 VRM, 10 A
5628	1-112	Z39	TRIAC-600 VRM, 10 A
5629	1-112	Z40	TRIAC-400 VRM, 4 A
5631	1-112	Z41	TRIAC-50 VRM, 10 A
5632	1-112	Z41	TRIAC-100 VRM, 10 A
5633	1-112	Z41	TRIAC-200 VRM, 10 A
5635	1-112	Z41	TRIAC-400 VRM, 10 A
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5641	1-112	Z61	TRIAC-200 VRM, 2.5 A
5642	1-112	Z61	TRIAC-400 VRM, 2.5 A
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5652	1-112	Z61	TRIAC-400 VRM, 2.5 A
5653	1-112	Z61	TRIAC-600 VRM, 2.5 A
5655	1-112	Z36	TRIAC-200 VRM, 0.8 A
5656	1-112	Z36	TRIAC-400 VRM, 0.8 A
5657	1-112	Z36	TRIAC-600 VRM, 0.8 A
5667A	1-113	Z48	TRIAC-600 VRM, 12 A
5668A	1-113	Z48	TRIAC-800 VRM, 12 A
5669A	1-113	Z48	TRIAC-1000 VRM, 12 A
5672	1-113	Z59	TRIAC-600 VRM, 25 A
5673	1-113	Z49	TRIAC-200 VRM, 15 A
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5677	1-113	Z49	TRIAC-600 VRM, 15 A
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5683	1-113	Z49	TRIAC-200 VRM, 25 A
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5687	1-113	Z49	TRIAC-600 VRM, 25 A
5688	1-113	Z62	TRIAC-200 VRM, 40 A
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5690	1-113	Z62	TRIAC-600 VRM, 40 A
5693	1-113	Z49	TRIAC-200 VRM, 40 A
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5697	1-113	Z49	TRIAC-600 VRM, 40 A
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5702	1-141	M2	Industrial Power Mod, 1200 V, 25 A
5703	1-141	M2	Industrial Power Mod, 1200 V, 25 A
5704	1-141	M2	Industrial Power Mod, 1200 V, 25 A
5705	1-141	M2	Industrial Power Mod, 1200 V, 25 A
5710	1-140	M1	Phase Control Thyristor Mod, 1200 V, 65 A
5711	1-140	M1	Phase Control Thyristor Mod, 1200 V, 65 A
5712	1-140	M1	Phase Control Thyristor Mod, 1200 V, 65 A
5720	1-140	M1	Phase Control Thyristor Mod, 1200 V, 95 A
5721	1-140	M1	Phase Control Thyristor Mod, 1200 V, 95 A
5722	1-140	M1	Phase Control Thyristor Mod, 1200 V, 95 A
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5801	1-101	Z18A	R-100 PRV, 3 A, Axial Lead
5802	1-101	Z18A	R-200 PRV, 3 A, Axial Lead
5804	1-101	Z18A	R-400 PRV, 3 A, Axial Lead
5806	1-101	Z18A	R-600 PRV, 3 A, Axial Lead
5808	1-101	Z18A	R-800 PRV, 3 A, Axial Lead
5809	1-101	Z18A	R-1000 PRV, 3 A, Axial Lead
5812	1-101	Z26	R-100 PRV, 6 A/22 A, Axial Lead
5814	1-101	Z26	R-400 PRV, 6 A/22 A, Axial Lead
5815	1-101	Z26	R-600 PRV, 6 A/22 A, Axial Lead
5817	1-101	Z26	R-1000 PRV, 6 A/22 A, Axial Lead
5818	1-101	Z19	R-200 PRV, 12 A, 200 ns, Cath Case
5819	1-101	Z19	R-200 PRV, 12 A, 200 ns, Anode Case
5820	1-101	Z19	R-400 PRV, 12 A, 200 ns, Cath Case
5821	1-101	Z19	R-400 PRV, 12 A, 200 ns, Anode Case
5822	1-101	Z19	R-600 PRV, 12 A, 200 ns, Cath Case
5823	1-101	Z19	R-600 PRV, 12 A, 200 ns, Anode Case
5826	1-102	Z28	R-400 PRV, 50 A, Cath Case, Press Fit
5827	1-102	Z28	R-400 PRV, 50 A, Anode Case, Press Fit
5828	1-102	Z28	R-800 PRV, 50 A, Cath Case, Press Fit
5829	1-102	Z28	R-800 PRV, 50 A, Anode Case, Press Fit
5830	1-101	Z19	R-50 PRV, 3 A, Cath Case
5831	1-101	Z19	R-50 PRV, 3 A, Anode Case
5834	1-101	Z19	R-200 PRV, 3 A, Cath Case
5835	1-101	Z19	R-200 PRV, 3 A, Anode Case
5838	1-101	Z19	R-400 PRV, 3 A, Cath Case
5839	1-101	Z19	R-400 PRV, 3 A, Anode Case
5842	1-101	Z19	R-600 PRV, 3 A, Cath Case
5843	1-101	Z19	R-600 PRV, 3 A, Anode Case
5846	1-101	Z19	R-800 PRV, 3 A, Cath Case
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5848	1-101	Z19	R-1000 PRV, 3 A, Cath Case
5849	1-101	Z19	R-1000 PRV, 3 A, Anode Case
5850	1-101	Z19	R-50 PRV, 6 A, Cath Case
5851	1-101	Z19	R-50 PRV, 6 A, Anode Case
5854	1-101	Z19	R-200 PRV, 6 A, Cath Case
5855	1-101	Z19	R-200 PRV, 6 A, Anode Case
5858	1-101	Z19	R-400 PRV, 6 A, Cath Case
5859	1-101	Z19	R-400 PRV, 6 A, Anode Case
5862	1-101	Z19	R-600 PRV, 6 A, Cath Case
5863	1-101	Z19	R-600 PRV, 6 A, Anode Case
5866	1-101	Z19	R-800 PRV, 6 A, Cath Case
5867	1-101	Z19	R-800 PRV, 6 A, Anode Case
5868	1-101	Z19	R-1000 PRV, 6 A, Cath Case
5869	1-101	Z19	R-1000 PRV, 6 A, Anode Case
5870	1-101	Z19	R-50 PRV, 12 A, Cath Case
5871	1-101	Z19	R-50 PRV, 12 A, Anode Case
5874	1-101	Z19	R-200 PRV, 12 A, Cath Case
5875	1-101	Z19	R-200 PRV, 12 A, Anode Case
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5887	1-101	Z19	R-800 PRV, 12 A, Anode Case
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5891	1-101	Z19	R-1000 PRV, 12 A, Anode Case
5892	1-101	Z19	R-50 PRV, 16 A, Cath Case
5893	1-101	Z19	R-50 PRV, 16 A, Anode Case
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5900	1-101	Z19	R-400 PRV, 16 A, Cath Case
5901	1-101	Z19	R-400 PRV, 16 A, Anode Case
5904	1-101	Z19	R-600 PRV, 16 A, Cath Case
5905	1-101	Z19	R-600 PRV, 16 A, Anode Case
5908	1-101	Z19	R-800 PRV, 16 A, Cath Case
5909	1-101	Z19	R-800 PRV, 16 A, Anode Case
5910	1-101	Z19	R-1000 PRV, 16 A, Cath Case
5911	1-101	Z19	R-1000 PRV, 16 A, Anode Case
5912	1-101	Z19	R-50 PRV, 20 A, Cath Case
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5916	1-101	Z19	R-200 PRV, 20 A, Cath Case
5917	1-101	Z19	R-200 PRV, 20 A, Anode Case
5920	1-101	Z19	R-400 PRV, 20 A, Cath Case
5921	1-101	Z19	R-400 PRV, 20 A, Anode Case
5924	1-101	Z19	R-600 PRV, 20 A, Cath Case
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8223	1-365	D8	IC-TTL 3-Line-to-8-Line Decoder - Discontinued
8224	1-378	D8	IC-Schottky Clock Generator/Driver for 8080A System
8226	1-138	C1	Thermal Cutoff, 228°C
8228	1-378	D17	IC-Schottky System Controller and Bus Driver
8233	1-366	D8	IC-Digital, Quad 2-Line-to-1-Line Data Selector/Multiplexer with Non-Inverting Outputs
8234	1-366	D8	IC-Digital, Quad 2-Line-to-1-Line Data Selector/Multiplexer with Inverting Outputs
8235	1-366	D8	IC-Digital, Quad 2-Line-to-1-Line Data Selector/Multiplexer with Conditional Complementary Outputs
8242	1-138	C1	Thermal Cutoff, 240°C
8250	1-366	D6	IC-Digital, 3-Line-to-8-Line Decoder - Discontinued
8255	1-378	D19	IC-MOS Programmable Peripheral Interface
8266	1-366	D6	IC-Digital, Quad 2-Line-to-1-Line 4-Bit Multiplexer
8301	1-366	D8	IC-Digital, 4-Line BCD-to-10-Line Decimal Decoder
8308	1-366	D15	IC-Digital, Dual 4-Bit Latch
8309	1-366	D8	IC-Digital, Dual 4-Line-to-1-Line Data Selector/Multiplexer with Complementary Outputs
8314	1-366	D8	IC-Digital, 4-Bit Latch
8316	1-366	D8	IC-Digital, Synchronous 4-Bit Binary Counter
8318	1-366	D8	IC-Digital, 8-Input Priority Encoder
8321	1-366	D8	IC-Digital, Dual 1-of-4 Decoder
8328	1-367	D8	IC-Digital, Dual 8-Bit Shift Register
8368	1-367	D8	IC-Digital, Seven-Segment Latch/Decoder/Driver for Common Cathode LED

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8370	1-367	D8	IC-Digital, Seven-Segment Decoder/Driver/Latch with Open Collector Outputs
8374	1-367	D8	IC-Digital, Seven-Segment Latch/Decoder/Driver for Common Anode LED
8520	1-367	D8	IC-Digital, Cascadable Modulo-N Divider
8542	1-367	D8	IC-Digital, Quad I/O Registers with 3-State Outputs
8546	1-367	D8	IC-Digital, 8-Bit Universal I/O Shift Register with 3-State Data Lines
8552	1-367	D8	IC-Digital, Synchronous 3-State Decade Counter/Latch
8553	1-367	D8	IC-Digital, 8-Bit I/O Latch with 3-State Outputs
8554	1-367	D8	IC-Digital, Synchronous 3-State Binary Counter/Latch
8555	1-367	D8	IC-Digital, Programmable Decade Counter with 3-State Outputs
8556	1-367	D8	IC-Digital, Programmable Binary Counter with 3-State Outputs
8613	1-368	D8	IC-Digital, Quad Input Gated 'D' Flip-Flop
8853	1-368	D8	IC-Digital, Dual Retriggerable Resettable Monostable Multivibrator with Delayed Trigger
9093	1-329	D6	IC-DTL Dual M/S J-K Flip-Flop (5 MHz)
9094	1-329	D6	IC-DTL Dual M/S J-K Flip-Flop (8 MHz)
9097	1-329	D6	IC-DTL Dual M/S J-K Flip-Flop (8 MHz)
9099	1-329	D6	IC-DTL Dual M/S J-K Flip-Flop (5 MHz)
9109	1-329	D6	IC-DTL High Voltage Hex Inverter
9110	---	D6	IC-DTL High Voltage Hex Inverter - Discontinued
9111	1-329	D6	IC-DTL RS Flip-Flop
9112	---	D6	IC-DTL High Voltage Hex Inverter - Discontinued
9135	1-329	D6	IC-DTL Hex Inverter
9157	1-329	D6	IC-DTL Quad Buffer
9158	1-329	D6	IC-DTL Quad Pwr Gate
9200	1-296	L18A	IC- μ L Freq Divider for VCR
9301	1-333	D8	IC-HLL Dual 5-Input Expandable NAND Buffer Gate Active Pullup
9302	1-333	D8	IC-HLL Quad 2-Input NAND Buffer Gate Open Collector
9303	1-333	D8	IC-HLL Quad 2-Input NAND Buffer Gate Passive Pullup
9304	1-333	D8	IC-HLL Triple 4,3,4-Input NAND Buffer Gate Passive Pullup
9306	1-333	D8	IC-HLL Quad 2,2,3,3-Input NOR Gate Active Pullup
9307	1-333	D8	IC-HLL Quad 2,2,3,3-Input NOR Gate Open Collector
9311	1-333	D8	IC-HLL Clocked M/S Flip-Flop Active Pullup
9312	1-333	D8	IC-HLL Dual Edge Triggered J-K Flip-Flop Active Pullup
9321	1-333	D8	IC-HLL Expandable Quad 2-Input NAND Gate Active Pullup
9322	1-333	D8	IC-HLL Expandable Dual 5-Input NAND Gate Active Pullup
9323	1-333	D8	IC-HLL Expandable Quad 2-Input NAND Gate Open Collector
9324	1-333	D8	IC-HLL Expandable Quad 2-Input NAND Gate Passive Pullup
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9331	1-334	D8	IC-HLL Dual 5-Input Gate Expander
9332	1-334	D8	IC-HLL Quad Inverter and Dual 2-Input NAND Gate Open Collector
9333	1-334	D8	IC-HLL Quad Inverter and Dual 2-Input NAND Gate Passive Pullup
9334	1-334	D8	IC-HLL Strobed Hex NAND Gate Open Collector
9335	1-334	D8	IC-HLL Strobed Hex NAND Gate Passive Pullup
9342	1-334	D8	IC-HLL Dual Monostable Multivibrator Active Pullup
9343	1-334	D8	IC-HLL 4-Bit Comparator Active Pullup
9347	1-334	D8	IC-HLL Dual Retriggerable Monostable Multivibrator Active Pullup
9361	1-334	D8	IC-HLL Dual Input Level Interface Passive Pullup
9362	1-334	D8	IC-HLL Dual Output Level Interface Active Pullup
9363	1-335	D8	IC-HLL Quad Output Level Interface Passive Pullup
9367	1-335	D8	IC-HLL Quad Schmitt Trigger Active Pullup
9368	1-335	D8	IC-HLL Quad Schmitt Trigger Open Collector
9370	1-335	D8	IC-HLL Quad 'D' Flip-Flop Passive Pullup
9371	1-335	D8	IC-HLL Decade Counter Passive Pullup
9372	1-335	D8	IC-HLL Hexadecimal Counter Passive Pullup
9375	1-335	D8	IC-HLL 4-Bit Shift Register Active Pullup
9380	1-335	D8	IC-HLL BCD-to-Decade Decoder/Lamp Driver Open Collector
9381	1-335	D8	IC-HLL BCD-to-Decade Decoder/Logic Driver Open Collector
9382	1-335	D8	IC-HLL BCD-to-Decade Decoder/Gas Discharge Tube Driver Open Collector
9383	1-335	D8	IC-HLL BCD-to-Seven-Segment Decoder/Driver Open Collector
9390	1-335	D6	IC-HLL Dual 4-Input AND (with Expander) Interface Buffer
9391	1-336	D4	IC-HLL Dual 2-Input AND Interface Buffer
9392	1-336	D4	IC-HLL Dual 2-Input NAND Interface Buffer
9393	1-336	D4	IC-HLL Dual 2-Input OR Interface Buffer
9394	1-336	D4	IC-HLL Dual 2-Input NOR Interface Buffer
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9403	1-296	L111	IC-Binary to Octal Decoder for VCR
9600	1-368	D6	IC-Digital, Retriggerable/Resetable Monostable Multivibrator
9601	1-368	D6	IC-Digital, Dual Retriggerable/Resetable Monostable Multivibrator
9602	1-368	D8	IC-Digital, Dual Retriggerable/Resetable Monostable Multivibrator
9615	1-368	D8	IC-Digital, Dual Differential Line Receiver
9660	1-337	D6	IC-HTL Expandable Dual 4-Input NAND Gate Active Pullup
9661	1-337	D6	IC-HTL Expandable 4-Input NAND Gate Passive Pullup
9662	1-337	D6	IC-HTL Expandable 4-Input Line NAND Driver Active Pullup
9663	1-337	D6	IC-HTL Dual J-K Flip-Flop
9664	1-337	D6	IC-HTL M/S R-S Flip-Flop
9665	1-337	D6	IC-HTL Triple Level Translator tp = 40 ns typ
9666	1-337	D6	IC-HTL Triple Level Translator tp = 75 ns typ
9667	1-337	D6	IC-HTL Dual Monostable Multivibrator
9668	1-337	D6	IC-HTL Quad 2-Input NAND Gate Passive Pullup
9669	1-337	D6	IC-HTL Dual 4-Input Expander
9670	1-337	D6	IC-HTL Triple 3-Input NAND Gate Passive Pullup
9671	1-338	D6	IC-HTL Triple 3-Input NAND Gate Active Pullup
9672	1-338	D6	IC-HTL Quad 2-Input NAND Gate Active Pullup
9673	1-338	D6	IC-HTL Dual 2-Input AND/OR Invert Gate Active Pullup
9674	1-338	D6	IC-HTL Dual 2-Input AND/OR Invert Gate Passive Pullup
9675	1-338	D6	IC-HTL Dual Pulse Stretcher
9676	1-338	D8	IC-HTL BCD-to-Decimal Decoder/Driver - Discontinued
9677	1-338	D8	IC-HTL Hex Inverter with Strobe Active Pullup
9678	1-338	D8	IC-HTL Hex Inverter with Strobe (without Output Resistors)
9679	1-338	D6	IC-HTL Dual Lamp/Line Driver
9680	1-338	D6	IC-HTL Hex Inverter Active Pullup
9681	1-338	D6	IC-HTL Hex Inverter Open Collector
9682	1-338	D8	IC-HTL Quad Latch
9683	1-338	D6	IC-HTL Quad 2-Input Exclusive OR Gate
9684	1-339	D6	IC-HTL Decade Counter
9685	1-339	D8	IC-HTL Binary Counter
9686	1-339	D8	IC-HTL 4-Bit Shift Register
9688	1-339	D8	IC-HTL Dual J-K Flip-Flop
9689	1-339	D6	IC-HTL Hex Inverter High Voltage
9690	1-339	D6	IC-HTL Hex Inverter Active Pullup
9691	1-339	D6	IC-HTL Hex Inverter/Interface Element
9696	1-339	D8	IC-HTL Dual Interface Element Line Driver/Receiver
9800	1-329	D6	IC-DTL Dual 5-Input NAND Gate (6 Kohm-Pullup)
9801	1-329	D6	IC-DTL Dual 5-Input NAND Gate (2 Kohm-Pullup)
9802	1-329	D6	IC-DTL 8-Input NAND Gate (6 Kohm-Pullup)
9803	1-329	D6	IC-DTL 8-Input NAND Gate (2 Kohm-Pullup)
9804	1-329	D6	IC-DTL 10-Input NAND Gate (6 Kohm-Pullup)
9805	1-329	D6	IC-DTL 10-Input NAND Gate (2 Kohm-Pullup)
9806	1-330	D6	IC-DTL Quad 2-Input AND Gate (6 Kohm-Pullup)
9807	1-330	D6	IC-DTL Quad 2-Input AND Gate (6 Kohm-Pullup)
9808	1-330	D6	IC-DTL Quad 2-Input OR Gate (6 Kohm-Pullup)
9809	1-330	D6	IC-DTL Quad 2-Input OR Gate (2 Kohm-Pullup)
9810	1-330	D6	IC-DTL Quad 2-Input NOR Gate (6 Kohm-Pullup)
9811	1-330	D6	IC-DTL Quad 2-Input NOR Gate (2 Kohm-Pullup)
9812	1-330	D6	IC-DTL Quad 2-Input Exclusive OR Gate
9813	1-330	D8	IC-DTL Quad Latch with Complementary Outputs
9814	1-330	D6	IC-DTL Quad Latch
9900	1-340	D2	IC-RTL Buffer-Medium Pwr
9903	1-340	D2	IC-RTL 3-Input NOR Gate-Medium Pwr
9904	1-340	D2	IC-RTL Half Adder-Medium Pwr
9905	1-340	D2	IC-RTL Half-Shift Register-Medium Pwr
9906	1-340	D2	IC-RTL Half-Shift Register w I/O Inverter-Medium Pwr
9907	1-340	D2	IC-RTL 4-Input NOR Gate-Medium Pwr
9908	1-340	D2	IC-RTL Adder and Exclusive OR-Low Pwr
9909	1-340	D2	IC-RTL Buffer-Low Pwr
9910	1-340	D2	IC-RTL Dual 2-Input NOR Gate-Low Pwr
9911	1-340	D2	IC-RTL 4-Input NOR Gate and Inverter-Low Pwr
9912	1-340	D2	IC-RTL Half Adder-Low Pwr
9913	1-340	D2	IC-RTL Type 'D' Flip-Flop-Low Pwr
9914	1-340	D2	IC-RTL Dual 2-Input NOR Gate-Medium Pwr
9915	1-340	D3	IC-RTL Dual 3-Input NOR Gate-Medium Pwr
9921	1-340	D2	IC-RTL Gate Expander-Low Pwr
9924	1-341	D6	IC-RTL Quad 2-Input NOR Gate-Medium Pwr - Discontinued
9926	1-341	D3	IC-RTL J-K Flip-Flop-Medium Pwr
9927	1-341	D3	IC-RTL Quad Inverter-Medium Pwr
9930	1-330	D6	IC-DTL Dual 4-Input Extendable NAND Gate
9931	1-330	D6	IC-DTL R-S Clocked Flip-Flop
9932	1-330	D6	IC-DTL Dual 4-Input Extendable NAND Buffer Gate
9933	1-331	D6	IC-DTL Dual 4-Input Extender
9935	1-331	D6	IC-DTL Extendable Hex Inverter

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9936	1-331	D6	IC-DTL Hex Inverter
9937	1-331	D6	IC-DTL Hex Inverter
9941	1-331	D6	IC-DTL Monostable Multivibrator (Input Clamp Diodes)
9944	1-331	D6	IC-DTL Dual 4-Input Extendable NAND Buffer Gate Open Collector
9945	1-331	D6	IC-DTL Clocked Flip-Flop
9946	1-331	D6	IC-DTL Quad 2-Input NAND Gate
9948	1-331	D6	IC-DTL Clocked Flip-Flop (Fast)
9949	1-331	D6	IC-DTL Quad 2-Input NAND Gate (Fast)
9950	1-331	D6	IC-DTL AC Coupled R-S Flip-Flop
9951	1-332	D6	IC-DTL Monostable Multivibrator
9961	1-332	D6	IC-DTL Dual 4-Input Extendable NAND Gate (Fast)
9962	1-332	D6	IC-DTL Triple 3-Input NAND Gate
9963	1-332	D6	IC-DTL Triple 3-Input NAND Gate (Fast)
9974	1-341	D2	IC-RTL J-K Flip-Flop - Discontinued
9976	1-341	D6	IC-RTL Lo Pwr Dual J-K Flip-Flop
9982	1-341	D2	IC-RTL Lo Pwr J-K Flip-Flop
9989	1-341	D6	IC-RTL Medium Pwr Hex Inverter
9990	1-341	D6	IC-RTL Medium Pwr Dual J-K Flip-Flop
40085B	1-327	D8	IC-CMOS 4-Bit Magnitude Comparator
40097B	1-327	D8	IC-CMOS Hex 3-State Non-Inverting Buffer
40098B	1-327	D8	IC-CMOS Hex 3-State Inverting Buffer
40100B	1-327	D8	IC-CMOS 32-State Static Left/Right Shift Register
40106B	1-327	D6	IC-CMOS Hex Schmitt Trigger
40160B	1-327	D8	IC-CMOS 4-Bit Decade Asynchronous Reset Counter
40161B	1-327	D8	IC-CMOS 4-Bit Binary Asynchronous Reset Counter
40162B	1-327	D8	IC-CMOS 4-Bit Decade Synchronous Reset Counter
40163B	1-328	D8	IC-CMOS 4-Bit Binary Synchronous Reset Counter
40174B	1-328	D8	IC-CMOS Hex 'D' Flip-Flop
40175B	1-328	D8	IC-CMOS Quad 'D' Flip-Flop
40182B	1-328	D8	IC-CMOS Look-Ahead Carry Generator
40192B	1-328	D8	IC-CMOS 4-Bit Up/Down Synchronous Decade Counter
40193B	1-328	D8	IC-CMOS 4-Bit Up/Down Synchronous Binary Counter
40194B	1-328	D8	IC-CMOS 4-Bit Right/Left Shift Register
40195B	1-328	D8	IC-CMOS 4-Bit Shift Register
56004	1-113	Z41	TRIAC-200 VRM, 15 A
56006	1-113	Z41	TRIAC-400 VRM, 15 A
56008	1-113	Z41	TRIAC-600 VRM, 15 A
56010	1-113	Z41	TRIAC-800 VRM, 15 A
56015	1-113	Z41	TRIAC-200 VRM, 25 A
56016	1-113	Z41	TRIAC-400 VRM, 25 A
56017	1-113	Z41	TRIAC-600 VRM, 25 A
56018	1-113	Z41	TRIAC-800 VRM, 25 A
56019	1-113	Z41	TRIAC-200 VRM, 25 A, Isolated Tab
56020	1-113	Z41	TRIAC-400 VRM, 25 A, Isolated Tab
56022	1-113	Z50	TRIAC-200 VRM, 40 A, Isolated Stud
56024	1-113	Z50	TRIAC-400 VRM, 40 A, Isolated Stud
56026	1-113	Z50	TRIAC-600 VRM, 40 A, Isolated Stud
65101	1-378	D13	IC-CMOS Static 1K RAM, 450 nsecs Access Time
74107	1-353	D6	IC-TTL Dual J-K M/S Flip-Flop with Clear
74109	1-354	D8	IC-TTL Dual J-K Edge Triggered Flip-Flop with Clear and Preset
74110	1-354	D6	IC-TTL Gated J-K M/S Flip-Flop with Clear and Preset
74111	1-354	D8	IC-TTL Dual J-K M/S Flip-Flop with Clear and Preset
74121	1-354	D6	IC-TTL Monostable Multivibrator
74122	1-354	D6	IC-TTL Retriggerable Monostable Multivibrator with Clear and Internal Timing Resistor
74123	1-354	D8	IC-TTL Dual Retriggerable Monostable Multivibrator with Clear
74125	1-354	D6	IC-TTL Quad Buffer with 3-State Outputs Lo Enable
74126	1-355	D6	IC-TTL Quad Buffer with 3-State Outputs Hi Enable
74128	1-355	D6	IC-TTL Quad 2-Input NOR 50 Ohm Line Driver
74132	1-355	D6	IC-TTL Quad 2-Input NAND Schmitt Trigger
74136	1-355	D6	IC-TTL Quad Exclusive OR Gate
74141	1-355	D8	IC-TTL BCD-to-Decimal Decoder/Driver-Drives Gas Filled Cold Cathode Indicator Tubes Directly
74142	1-355	D8	IC-TTL BCD Counter/4-Bit Latch/BCD Decoder/Driver
74143	1-356	D15	IC-TTL 4-Bit Counter/Latch and Decoder/Driver for Seven-Segment LED Displays
74144	1-356	D15	IC-TTL 4-Bit Counter/Latch and Decoder/Driver with Open Collector Outputs
74145	1-356	D8	IC-TTL BCD-to-Decimal Decoder/Driver
74147	1-356	D8	IC-TTL 10-Line Decimal to 4-Line BCD Priority Encoder
74150	1-356	D15	IC-TTL Data Selector/Multiplexer-Inverted Outputs
74151	1-356	D8	IC-TTL Data Selector/Multiplexer-Complementary Outputs
74152	1-356	D6	IC-TTL Data Selector/Multiplexer
74153	1-356	D8	IC-TTL Dual 4-Line-to-1-Line Data Selector/Multiplexer
74154	1-356	D15	IC-TTL 4-Line-to-16-Line Decoder/Demultiplexer
74155	1-356	D8	IC-TTL Dual 2-Line-to-4-Line Decoder/Demultiplexer Totem Pole Outputs

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74158	1-357	D8	IC-TTL Quad 2-Line-to-1-Line Data Selector/Multiplexer with Inverting Outputs
74160	1-357	D8	IC-TTL Synchronous Decade Counter with Direct Clear
74161	1-357	D8	IC-TTL Synchronous Binary Counter with Direct Clear
74162	1-357	D8	IC-TTL Decade Counter with Synchronous Clear
74163	1-357	D8	IC-TTL Binary Counter with Synchronous Clear
74164	1-357	D6	IC-TTL 8-Bit Parallel-Out Serial Shift Register
74165	1-357	D8	IC-TTL Parallel-Load 8-Bit Shift Register
74166	1-357	D8	IC-TTL 8-Bit Parallel or Serial In-Serial Out Shift Register
74170	1-358	D8	IC-TTL 4-By-4 Register File
74173	1-358	D8	IC-TTL 4-Bit 'D' Register with 3-State Outputs
74174	1-358	D8	IC-TTL Hex 'D Type' Flip-Flop with Clear and Single Rail Outputs
74175	1-358	D8	IC-TTL Quad 'D Type' Flip-Flop with Clear and Double Rail Outputs
74176	1-358	D6	IC-TTL Decade Counter (Can be connected in BCD, ± 2 , ± 5 , or Biquinary Mode)
74177	1-358	D6	IC-TTL 4-Bit Binary Counter (Can be connected as ± 2 , ± 8 , or ± 16 Counter)
74178	1-358	D6	IC-TTL 4-Bit Shift Register with Serial and Parallel Data Entry
74179	1-358	D8	IC-TTL 4-Bit Shift Register with Serial and Parallel Data Entry Plus Direct Reset (RD) and a D (Out) Line
74180	1-358	D6	IC-TTL 8-Bit Odd/Even Parity Generator/Checker
74181	1-358	D15	IC-TTL Arithmetic Logic Unit/Function Generator
74182	1-358	D8	IC-TTL Look-Ahead Carry Generator
74190	1-359	D8	IC-TTL BCD-Synchronous Up/Down Counter with Up/Down Mode Control
74191	1-359	D8	IC-TTL 4-Bit Binary Synchronous Up/Down Counter with Up/Down Mode Control
74192	1-359	D8	IC-TTL Synchronous Up/Down Decade Counter-Dual Clock with Clear
74193	1-359	D8	IC-TTL Synchronous Up/Down 4-Bit Binary Counter-Dual Clock with Clear

ECG No.	Page No.	Fig. No.	Description
74195	1-359	D8	IC-TTL 4-Bit Parallel Access Shift Register
74196	1-359	D6	IC-TTL 50 MHz Presettable Decade Counter and Latch (Can provide ± 2 and ± 5 Counter)
74197	1-359	D6	IC-TTL 50 MHz Presettable Binary Counter and Latch (Can provide ± 2 and ± 8 Counter)
74198	1-359	D15	IC-TTL 8-Bit Right-Left Shift Register (Parallel Inputs-Parallel Outputs)
74199	1-359	D15	IC-TTL Synchronous 8-Bit Register
74221	1-359	D8	IC-TTL Dual Monostable Multivibrator
74249	1-360	D8	IC-TTL BCD-to-Seven Segment Decoder/Driver
74251	1-360	D8	IC-TTL Data Selector/Multiplexer with Inverting and Non-Inverting 3-State Outputs
74290	1-361	D6	IC-TTL Decade Counter
74293	1-361	D6	IC-TTL 4-Bit Binary Counter
74365	1-362	D8	IC-TTL Hex Non-Inverting 3-State Bus Driver with Common Enable
74366	1-362	D8	IC-TTL Hex Inverting 3-State Bus Driver with Common Enable
74367	1-362	D8	IC-TTL Hex Non-Inverting 3-State Bus Driver with 4-Line and 2-Line Enable
74368	1-362	D8	IC-TTL Hex Inverting 3-State Bus Driver with 4-Line and 2-Line Enable
74390	1-363	D8	IC-TTL Dual Decade Counter
74393	1-363	D6	IC-TTL Dual 4-Bit Binary Counter
74490	1-363	D8	IC-TTL Dual Decade Counter
75188	1-372	D6	IC-DTL Quad Line Driver
75189	1-372	D6	IC-DTL Quad Line Receiver
75450B	1-372	D6	IC-Dual Peripheral AND Driver
75451B	1-372	D4	IC-Dual Peripheral AND Driver
75452B	1-372	D4	IC-Dual Peripheral NAND Driver
75453B	1-373	D4	IC-Dual Peripheral OR Driver
75454B	1-373	D4	IC-Dual Peripheral NOR Driver
75491B	1-373	D6	IC-Quad LED Segment Driver with MOS Compatible Inputs
75492B	1-373	D6	IC-Hex Digit Driver with MOS Compatible Inputs
75493	1-373	D8	IC-Quad LED Segment Driver with MOS Compatible Inputs
75494	1-373	D8	IC-Hex LED Digit Driver with MOS Compatible Inputs
75497	1-373	D8	IC-7 Channel LED Driver with MOS Compatible Inputs
75498	1-373	D12	IC-9 Channel LED Driver with MOS Compatible Inputs

ECG[®] Semiconductors - Replacement Procedures

Universal Replacements

1. ECG Semiconductors can be used with confidence because they are specially selected prime parts whose specifications generally exceed those of the original part or application. A maximum number of replacement requirements can be satisfied with a minimum inventory of ECG Semiconductor devices. For example, ECG125 diode can be used to replace more than 625 JEDEC (1N) types (1N867, 1N4001, 1N4003, 1N4011, etc.) and ECG123A transistor can be used to replace more than 200 (2N) types (2N708, 2N708A, 2N2096A, 2N3115, etc.) plus thousands of other standard industry transistor types.
2. The frequency of equipment repair can be reduced by upgrading with ECG Semiconductors. For example, if a 100 volt, 15 amp rectifier is frequently replaced in an important control unit, replace it with a higher voltage and/or higher current part, as explained in rectifier replacement section. Or, if the device is overheating, additional heat sinking may be required.
3. ECG Replacement Semiconductors are available through an international network of electronic distributors. These distributors provide local availability of ECG replacement semiconductors to help keep equipment downtime at a minimum.

Replacement Techniques

Forming Pins

When replacing the original device with an ECG unit, certain mechanical and electrical requirements must be observed. Compare the lead or terminal arrangement of the original part with the ECG replacement. If necessary, bend the leads to the proper basing arrangement and insulate them to prevent possible shorts. For socketed devices, cut the leads on the replacement to proper length. Check the outline dimensions of the replacement if mounting space is a problem. Replacement in untuned stages can generally be made with a minimum of effort.

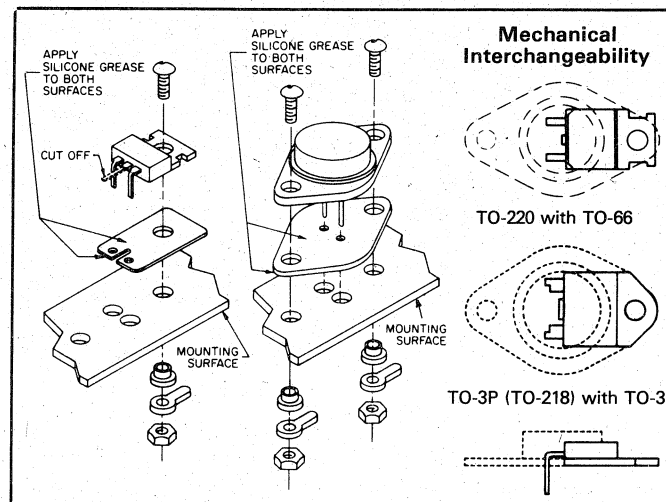
1. To avoid pulling when bending a plastic device pin, always restrain the pin firmly by holding with a pair of needle-nosed pliers or tweezers located at least 1/8-inch away from the device body. Internal connections of the pins to their junctions may be disrupted if this procedure is not observed.
2. If pins must be spread apart, bend the pin only in the narrow portion of its length, again restraining the pin during bending as per Step 1.

3. Maintain a bend radius of at least 1/16-inch.
4. Do not repeatedly bend pins. Insulate pins if necessary to avoid short circuits.
5. Mount the device before soldering to leads.

Mounting

(See Illustration Below)

1. Use the proper mounting hardware, such as insulating bushings, insulating washers, etc., called for by the specific application.



2. To promote efficient heat transfer, insulating washers, when required, should be thin (typically three mils for a mica washer). Use a thin, even layer of ECG424 Heat Sink compound on both sides of the washer.
3. Exercise care that the tool used to tighten the transistor retaining nut or bolt does not contact the device body.
4. Unless otherwise specified do not exceed six inch-pounds torque (an average male can exert about 50-inch pounds torque with a screwdriver).
5. Avoid exerting pull of the device pins while connecting them to their circuit connections. Provide a means of strain relief if these connections tend to place pulling forces on the pins.
6. To extend transistor life in high-power dissipation applications where a large thermal interface is not provided by the original equipment, the use of a heat sink is recommended when space permits. The ECG line includes a variety of transistor heat sinks, insulator kits, and heat sink compound for this purpose.

Soldering

1. Solid-state circuitry is generally miniaturized and is most often fabricated on a printed-circuit board.

Any repairs to this type of circuitry require a well-tinned, pencil-type soldering iron. Care must be taken in soldering, both to prevent damage to the printed circuit board and to make sure that the solid-state device itself is not overheated. A good quality 60/40 (60% tin, 40% lead) solder helps to make joints quickly with a minimum of heat. When solid-state devices must be removed or installed, some means must be provided to conduct heat away from their junctions. Long-nose pliers may be used as a heat sink.

2. Leakage between the heating element and the soldering-iron tip can cause the tip to be above ground potential. This leakage voltage may cause transistor damage if the chassis has a return to ground. To be on the safe side when soldering or unsoldering solid-state devices (especially non-gate protected MOSFET's), it is recommended that a flexible grounding strap be connected from the metal neck of the soldering iron to a good ground.
3. The same considerations about line leakage also apply to the use of oscilloscopes and signal generators. Even though the equipment may have a power transformer, the "line-filter" capacitors which are usually connected between the transformer primary and chassis ground permit an ac flow between chassis ground and earth ground. Therefore, if you connect the ground lead of such test equipment to a sensitive point in transistorized equipment having an earth ground, damage may result.
4. After soldering the connections using good solid-state practice, complete the replacement job with a check of the bias, following the procedures provided by the equipment manufacturer.

Mosfet Handling Precautions

In handling non-gate protected MOSFETS, such as the ECG220 and ECG221, the following pre-cautions should be observed:

Prior to assembly into a circuit, all leads should be kept shorted together with the metal spring.

When devices are handled, the hand being used should be at ground potential.

Tips of soldering irons should be grounded.

Devices should never be inserted into or removed from circuit with power on.

Gate-protected devices, such as the ECG222, incorporate special back-to-back diodes that are diffused directly into the M.O.S. pellet and are electrically connected between each insulated gate and the FET's source. These diodes effectively bypass any voltage transients which exceed approximately ± 10 volts and protect the gates against damage in all normal handling and usage.

CMOS Handling Precautions

The input protection networks incorporated in all CMOS devices are effective in a wide variety of

device handling situations. To be totally safe, however, it is desirable to restate the general conditions for eliminating all possibilities of device damage.

CMOS devices may be damaged if exposed to high static charges. The handling procedure shown below should be followed in order to assure against damaging the devices:

1. The leads of the devices should be shorted out with some type of conductive material except when being tested or when actually in the circuit. This will prevent build up of static charges.
2. All tools, jigs and fixtures, soldering-irons and any type of handling device should be grounded.
3. Transient voltages can damage CMOS too. Therefore, units should not be plugged into, nor removed from, circuits while power is still on. Signals should not be applied if the power to the device is off.
4. If a lead is not used, it must be either grounded or connected to the device power supply. Which one will depend on the logic circuit involved.

Table I indicates general handling procedures recommended to prevent damage from static electrical charges.

Total protection results when personnel and materials are all at the same or ground potential.

Table I

	Should be conductive	Should be grounded to common point
Handling Equipment	X	
Metal Parts of Fixtures and Tools		X
Handling Trays	X	X
Soldering Irons		X
Table Tops	X	X
Transport Carts		(Static Discharge Straps)
Manufacturing Operating Personnel		*(Utilize grounded metal wrist straps)
General Handling of Devices		*(Utilize grounded metal wrist straps)

* 470 Kohm series resistor

Dry weather (relative humidity less than 30%) tends to multiply the accumulation of static charges on any surface. Conversely, higher humidity levels tend to reduce the magnitude of the static voltage generated. In a low-humidity environment, the handling precautions listed above take on added importance and should be adhered to without exceptions.

Selecting A Bi-Polar Transistor For An Unlisted Type

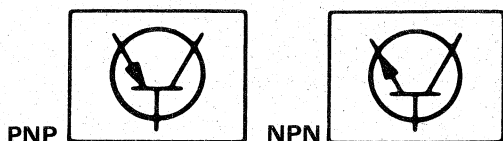
If the transistor to be replaced is unmarked or not listed in the ECG Replacement Guide, the following procedure can be used to make an accurate replacement selection.

Step-by-step determine each of the following parameters:

1. Polarity NPN or PNP
2. Type of material - silicon or germanium
3. Operating frequency range
4. Maximum voltage, collector to emitter
5. Maximum voltage collector to base
6. Maximum collector current
7. Maximum power dissipation
8. Current gain
9. Case packaging
10. Lead configuration

Step 1

Is it an NPN or PNP device? Your first source of information would be the schematic drawings. If the arrow on the emitter of the transistor symbol is pointing toward the base, you know it is a PNP device, or if it is pointing away from the base, it is an NPN.



Now let's say for argument sake that the schematic has been drawn incorrectly or suppose you have no schematic, your next clue would be to determine the polarity of the voltage between the emitter and collector.

If the collector voltage is positive with respect to the emitter voltage, then it is a NPN device. If the collector voltage is negative with respect to the emitter voltage then it is a PNP device. Therefore, if the V_{CE} (collector to emitter voltage) is positive, it's NPN, or if the V_{CE} is negative, it's PNP. An easy way to remember the polarity of the collector voltage for each type is:

NP POSITIVE N
PN NEGATIVE P

Step 2

Next you must decide whether the device is silicon or germanium. This is most effectively done by the use of a schematic drawing. If you find that the D.C. bias voltage level between the base and emitter is 0.2 volts or less, it is probably a germanium device. Now, if you get a bias voltage reading of 0.4 volts or more, it is probably a silicon device. There will, of course, be some cases where there will be either no bias or reverse bias voltage present. This would be the case in oscillator and sync clipper circuits.

Another way of determining the type of material of a transistor is to look at the complexity of the circuit with respect to the number of components in a single stage. Germanium circuits are much more complex due to germanium's unstable nature with respect to

temperature changes and its high leakage currents, therefore, several components are required per stage to make it stable. Voltage dividers are used to compensate the bias voltage and an emitter limiting resistor is always used.

A silicon device, however, is very stable with respect to gain when temperature changes and silicon has very low leakage currents. Therefore, a single silicon amplifier stage may only consist of one resistor for base bias and one load resistor. Some circuits using silicon still have more compensating components than they require but as design engineers have become more aware of the stability of silicon, circuits have become simpler.

Step 3

After you have determined the polarity and type of material of a device, you next determine the operating frequency range of the circuit in which it is used. This is done mainly by identifying the type of circuit and whether it is working in the audio range, the kilohertz range or the megahertz range.

Step 4

Next you look at the schematic or the circuit and determine the maximum collector to emitter voltage present in the circuit. In most cases, it is best to use the supply voltage figure as your reference. This figure will then be used to select a replacement device, which has a collector to emitter breakdown voltage at least slightly higher than the supply voltage. Preferably the higher the collector to emitter breakdown voltage, the better.

Step 5

Next the collector to base maximum voltage must be determined. If you have determined the collector to emitter maximum voltage requirements, then you can use this figure for the collector to base maximum voltage requirements.

Step 6

The sixth step is to determine the maximum collector current. To do this you would consider the DC condition with the device fully on, which of course would give you the highest current required of the device.

Step 7

Now that you have determined the maximum voltage and collector current requirements, you can use them in determining the maximum power requirements. However, the type of circuit where the device is used is the major factor with respect to power dissipation. Here we have some general wattage ranges for different circuit types.

1. Input stages, AF or RF, 50-200 milliwatts
2. IF stages and driver stages, 200MW - 1 watt
3. Higher power output stages 1 watt and up

Step 8

Next you determine the gain expected from the circuit. This is determined primarily by its application

in a circuit. Some typical gain categories are:

RF, Mixers, IF and AF	80 - 150
RF and AF Drivers	25 - 80
RF and AF Output	4 - 40
High Gain Preamps and Sync Separators	150 - 500

Step 9

Next you determine the case packaging and over-all dimensions. (Case type and size need only be considered where an exact mechanical fit is required. Otherwise, if you can fit the device into place even though it is not the exact case, it will probably do the job as well as the original. Some high frequency circuits may require exact replacements but even these circuits will require some alignment touch-up, especially in the case of UHF circuits.)

Step 10

Lastly you note the lead configuration. (Lead configuration generally is not a prime consideration for replacement transistors although it may be desirable for each of insertion and appearance.)

With the above 10 parameters determined, the application selector guides in the transistor section can be used to find an accurate replacement device.

In an emergency situation where a replacement is listed in the ECG Semiconductor Guide but you do not have the recommended type in stock, this procedure could be used to determine alternate ECG replacements with higher ratings or different case or lead configurations.

SCR, Triac, Rectifier and Bridge Replacement

A substitute rectifier, SCR, triac or bridge can be used as long as it is:

1. Equal to or greater in current rating
2. Equal to or greater in voltage rating
3. In a similar case
4. Has (for SCR's and triacs) the same or lower I_{GT} rating
5. Has equal or faster switching speed

The important factor in point 3 is that for proper heat transfer, substitutes for stud type devices should have the same stud size - this, so you can simply take out the defective device and install the new device without having to drill a new size hole in the heat sink. In the case of axial lead devices, however, you may substitute if the case is equal to or smaller than the original device.

Not all ECG devices can be substituted in the above manner. The above-mentioned five substitution factors apply to SCR's, triacs, rectifiers, and bridges only. Voltage regulation zener substitutions are somewhat less flexible, since each zener is manufactured for, and used as, a specific voltage regulator you cannot substitute a different zener voltage.

Personalized Service For Unlisted Types

Upon the user's request, the ECG Semiconductor Field Engineering Department will try to cross reference any type number or part number not in this ECG Semiconductor Replacement Guide. Sometimes this is possible, sometimes not. However, the chance of success is greatly increased as the amount of information to work with goes up. Therefore, when requesting a new cross reference, please give as much of the information requested in Table II as possible.

Table II

1. Type Number
2. Part Number
3. Number on Device
4. Type of Device (i.e., Diode, Rectifier, PNP or NPN Transistor-Silicon or Germanium, SCR, Triac, Integrated Circuit, etc.)
5. If IC, Specify Digital, Linear, or Other Description
6. Case Style (i.e., TO-5, DIP, 3/8" Stud, etc.)
7. Number of Leads
8. Application of Device (i.e., TV, Motor Control, Battery Charger, Arc Welder, Tape Deck, CB, Scanner, Auto Radio, etc.)
9. Manufacturer's Name
10. Trade Name
11. Chassis Number
12. Model Number
13. Description of Device Function

Inquiries for such cross reference information should be sent to:

ECG Semiconductor, Field Engineering
Philips ECG, Inc.
1025 Westminister Drive
Williamsport, Pennsylvania 17701

Testing Solid-State Devices

Precautions

Ohmmeters - Ohmmeters must be used with great care in transistor circuits. It must be remembered that the ohmmeter has an internal voltage source. Also, some instruments are capable of delivering high currents.

Meter test probes with sharp points facilitate checks on printed-circuit boards. They minimize the danger of accidentally bridging adjacent conductors. Also, the needle points easily pierce resin, varnish, or surface corrosion on the conductors. False readings are often the result of not making good connections on the printed-circuit board.

In-circuit measurements are often misleading because of the shunt paths provided by transistor junctions that become forward biased by the ohmmeter's supply. An example is shown in Fig. A. With the ohmmeter connected in this fashion, the internal battery places a forward bias on the emitter junction of the transistor. This effectively places R_E in shunt with R_2 .

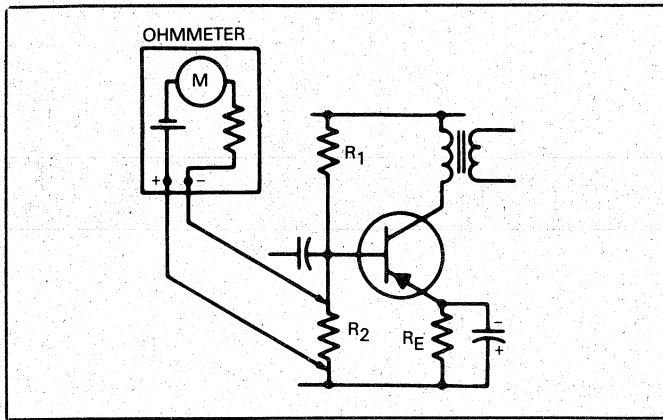


Fig. A. False resistance reading caused by forward-biased emitter junction.

In addition to shunt paths provided by transistor junctions, the physically small electrolytic capacitors employed as coupling and bypass capacitors also provide low-resistance shunt paths if the ohmmeter's internal supply should polarize them incorrectly. These components can be permanently damaged by even a low voltage of incorrect polarity. Damage can also be caused if the polarity is correct, but the working voltage of the capacitor is exceeded by the ohmmeter's supply. Some capacitors are rated at only 3 volts, while the internal supply of many ohmmeters is 7.5 volts and may run as high as 30 volts. (Most electronic VOM's employ a 1.5-volt supply and are therefore always safe as far as voltage breakdown is concerned.)

As a general rule, ohmmeter measurements in the transistor circuit should be made by disconnecting one lead of the component to be checked. This removes any possibility of a shunt path. However, the reading in Fig. A. could be made if the ohmmeter leads are reversed, in which case the emitter junction becomes reverse biased. This requires a knowledge of the polarity of the ohmmeter voltage at the meter's test leads.

Ohmmeter connections that reverse-bias transistor junctions sometimes run the risk of exceeding the breakdown potential of the junction. This is particularly true in the case of the emitter junction, which breaks down at lower reverse voltages. If the $V_{(BR)EBO}$ of the transistor is not known and if a battery voltage of several volts or more is used in the ohmmeter, it is best to disconnect the transistor.

Ohmmeter readings that intentionally or accidentally forward bias a transistor junction also run the risk of causing excessive current flow through the transistor. The forward-biased junction is practically a short, so that the total current flowing is determined mainly by the ohmmeter's voltage supply and its internal resistance. Many ohmmeters, including electronic VOM's, supply a short-circuit current of 100 mA when used on the Rx1 scale. This current can damage many transistors. To prevent any danger of damage, only use those resistance ranges where the short circuit current is below 1 mA. For most service-type instruments, use of the Rx100 and Rx10k ranges is safe. Do not read forward-bias currents on the Rx1 scale.

Summing up, ohmmeter readings require some judgment before they are made. You need to know three things about the ohmmeter before making measurements: the polarity of the voltage at the leads, the voltage of the internal battery, and the short-circuit current. Also, unless shunt paths can be definitely eliminated by proper polarization, one lead of the component to be checked must be disconnected.

Identifying Leads on Unmarked Transistors —

Occasionally, identifying marks may be obliterated on the transistor case. The leads may then be identified with the few ohmmeter checks shown in Fig. B. In step 1, ohmmeter checks are made between each pair of leads in both the forward and reverse directions. Low readings (below 500 ohms) will be found when the ohmmeter places a forward bias across emitter and collector junctions. The highest forward reading is obtained when the meter is placed across the emitter and collector leads. This check establishes the base lead as the one that is not involved in the high forward-resistance reading.

Step 2 identifies the transistor type. An ohmmeter check is made between the base and one other lead. If a low-resistance reading is obtained when the negative side of the ohmmeter is connected to the base, the transistor is a PNP type. A low resistance reading when the base is positive indicates an NPN unit.

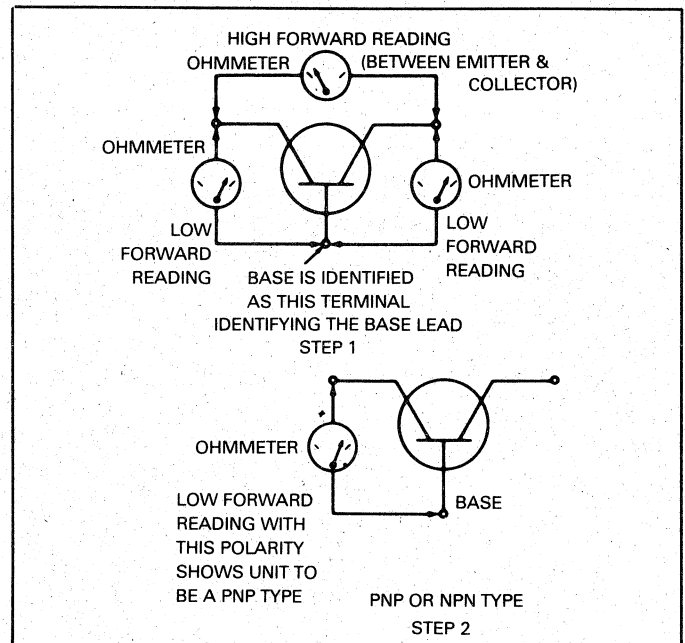


Fig. B. Hookup arrangement for identifying leads.

Testing Bipolar Transistors

A transistor that is operated within its ratings with respect to voltage, power dissipation, and temperature is normally expected to have an almost unlimited life. Failures in transistorized circuits are more often the result of damage or malfunctioning of some other component. This is particularly true when miniature transformers and electrolytic capacitors are employed. Despite the reliability of the transistor itself, failures occur due to shorts or opens in the bias circuitry,

temporary overloads, physical damage, or even mishaps while servicing.

A great number of transistor testers and analyzers are available. Some only check leakage and current gain, while others are capable of measuring all of the transistor parameters. From a servicing viewpoint, a few simple tests are enough to reveal a great majority of troubles. These tests, to be described, reveal shorts, opens, excessive leakage, and provide a rough check of current gain. Fortunately, little equipment is required. Some of the tests require only an ohmmeter. The more elaborate checks can be made with just a few additional components.

Testing the Junctions — The transistor contains two p-n junctions or diodes. Most of the characteristics of the transistor are tied in with the behavior of the junctions, while the rest of the device simply serves as connective material. Damage to the transistor, therefore, almost always shows up as a malfunctioning of one of the rectifying junctions. The fault may be an open or shorted junction, or excessive reverse current (leakage).

A rough but useful check of the condition of the junctions may be made with an ohmmeter. First, the forward resistance of each junction is measured, as shown in Fig. C. In this figure, the connections for a PNP transistor are shown. The negative terminal of the ohmmeter is connected to the base. The forward resistance of both junctions is checked by touching the emitter and then the collector terminal in turn with the positive lead. A high reading indicates an open junction. A normal unit should show a reading below 500 ohms. Observe the precautions given earlier for using the ohmmeter. The forward resistance of the junctions of an NPN unit is checked with the same setup shown in Fig. C, but with the leads to the ohmmeter reversed.

To check for shorts or excessive leakage, reverse the ohmmeter connections and switch to a higher resistance scale, as shown in Fig. D. Now the ohmmeter places a reverse bias on each junction in turn, and leakage current is registered on the meter. A low resistance reading indicates a shorted or leaky junction. Low- and medium-power germanium transistors should show a resistance reading of at least 500 kilohms.

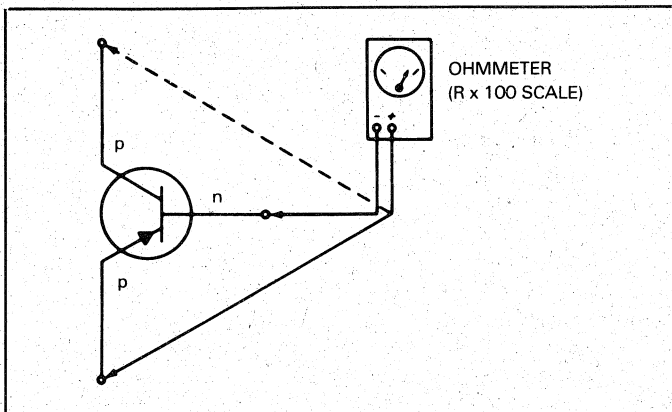


Fig. C. Method of checking the forward resistance of both junctions.

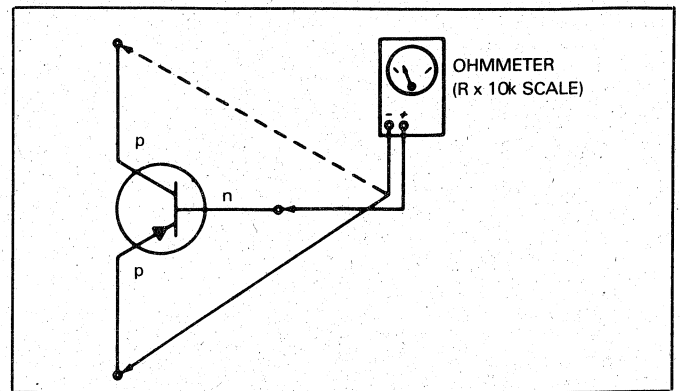


Fig. D. Method of checking the reverse resistance of both junctions.

Typical readings taken with an ohmmeter on the Rx10k scale are 700 kilohms to 1.5 megohms. Silicon transistors give much higher resistance readings. Power transistors have larger junctions and therefore greater leakage currents. Reverse-bias resistance readings should be 50 kilohms or greater for power transistors.

Reverse-resistance checks on NPN transistors are made by reversing the ohmmeter leads so they are opposite to that shown in Fig. D. Note that the actual numerical reading in ohms is meaningless, because the ohmmeter can only measure linear resistances. The specific ohms-reading changes from meter to meter and is not the same for different settings of the range switch. The minimum and maximum values given here apply in the majority of cases. To increase the accuracy of the ohmmeter check, the readings should be compared with those made on a known good transistor of the same type.

Current Gain — Transistor action may be checked with an ohmmeter by means of the setup shown in Fig. E. The meter registers I_{CEO} before the 500-kilohm resistor is touched to the base. Connecting the resistor allows a small base bias to be applied, and the meter shows an increase in current (decrease in resistance reading).

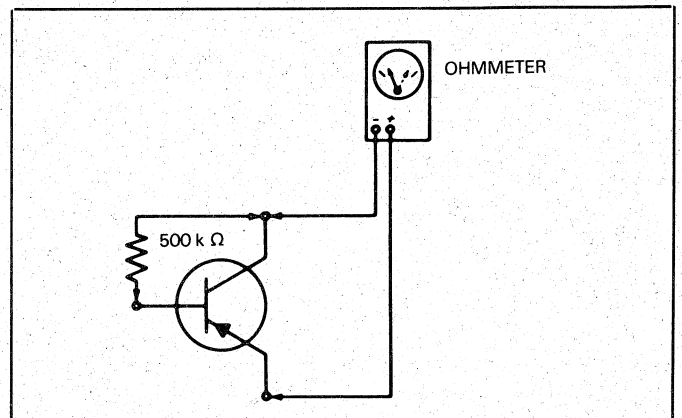


Fig. E. Gain measurement using an ohmmeter.

Testing Field-Effect Transistors

Testing field-effect devices is somewhat more complicated than testing bipolars and must take into account the following:

1. Is the device a JFET or MOSFET?
2. Is the FET an n-channel or p-channel type?
3. If the device is a MOSFET, is it an enhancement or depletion type?

Do not attempt to remove from the circuit or handle an FET unless certain that the device is a JFET or an insulated-gate-protected MOSFET. This verification is essential, because an uninsulated-gate-protected MOSFET may be damaged unless proper handling precautions are taken. When handling or inserting or removing this type of MOSFET, the following should be observed:

1. Prior to assembly into a circuit, all leads should be kept shorted together by either the use of metal shorting springs attached to the device by the vendor, or by the use of a conductive foam. Note - polystyrene "snow" should not be used because it can acquire high static charges.
2. When devices are removed by hand from their carriers, the hand being used should be at ground potential.
3. Tips of soldering irons should be grounded.
4. Devices should never be inserted into or removed from circuits with the power on.

Testing the JFET — The forward resistance of a JFET can be checked with a low-voltage ohmmeter, preferably on the Rx100 scale. Connect the positive lead to gate and the negative lead to the drain or source, if an n-channel JFET. Reverse the leads if a p-channel type.

To test the reverse resistance of an n-channel JFET, connect the negative lead of the ohmmeter to the gate and the positive lead to the drain or source. The device should show almost infinite resistance. Lower readings indicate either leakage or a short. Reverse the leads to test a p-channel device.

Testing the MOSFET - The forward resistance and reverse resistance can be checked with a low-voltage ohmmeter on the highest "R" scale. The insulated-gate MOSFET has an extremely high input resistance. Hence, we should obtain almost infinite resistance readings for both forward and reverse resistance tests between gate and drain or source. Lower readings indicate a breakdown in the insulation between gate and drain or source.

Testing Diodes

Diodes and Rectifiers - Because diodes and rectifiers are non-amplifying devices, simple tests for shorts, opens, or excessive leakage are useful methods to determine if they are functioning properly. The following tests are not applicable to the special case of focus diodes and high-voltage triplers, however. The forward resistance of a diode or rectifier is checked by connecting the positive and negative leads of an ohmmeter, preferably set to the Rx100

scale, to their respective positive (anode) and negative (cathode) terminals. A reading of about 500 to 600 ohms is normal for silicon types, about 200 to 300 ohms for germanium types, and for larger-type rectifiers (germanium or silicon) the resistance is somewhat lower than their respective diode types. Because high-voltage types may have several diodes in series, higher resistance readings can be expected.

As a quick go/no-go test, the ohmmeter procedure just described is a good technique.

To check for shorts or excessive leakage, switch to a higher resistance scale and reverse the ohmmeter leads. A low resistance reading indicates a short or leaky device. Germanium diodes should show a resistance reading from about 100 kilohms to 1 megohm. Silicon diodes show higher resistance readings and can go up to 1000 megohms. However, some diodes may show lower resistances but function satisfactorily in some circuits. Rectifiers, because they generally have larger junctions, have higher leakage currents.

Zener Diodes — To quickly determine if Zeners have opens, shorts, or leakage, connect an ohmmeter in the forward direction in the same manner as described for standard diodes. However, these tests, although helpful, do not provide the primary information needed for a Zener diode, namely, is the device regulating at its rated value? A regulation test is accomplished with a metered adjustable power supply that preferably indicates voltage and current.

Connect the output of the power supply through a limiting resistor in series with the Zener diode to be tested and slowly increase the output voltage until the specified current is flowing through the Zener (see Fig. F). Now connect a voltmeter across the Zener to monitor the Zener voltage. Fluctuate the current on either side of the specified Zener current; if the Zener is operating properly, the voltage should remain constant.

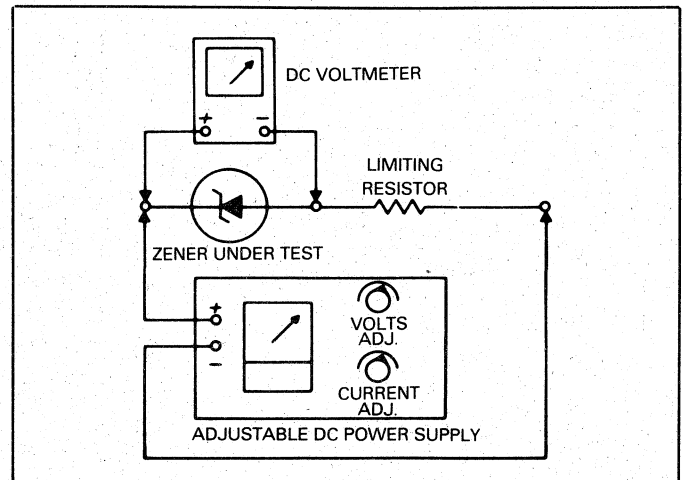


Fig. F. Hookup arrangement for testing Zener diodes.

Testing SCRs and TRIACs (Thyristors)

The functional testing of SCRs and TRIACs usually requires test equipment capable of supplying the specified gate current (IGT) and minimum hold current of the Thyristor. These parameters are given in chart form in the SCR and TRIAC sections of this book.

Testing with an ohmmeter is not recommended for high current Thyristors and should only be used for relative indications in low current Thyristors. The IGT and I_{Hold} parameters of the Thyristor may exceed the source current capability of the ohmmeter causing false readings and therefore, may not always indicate the true function of the device.

However, a simple ohmmeter test on low power Thyristors may provide an approximate evaluation of their gate-firing capabilities by connecting an ohmmeter as shown in Fig. G. The negative lead is connected to cathode and the positive lead is connected to anode.

Using the Rx1 scale, short the gate to the anode. A reading of approximately 15 to 50 ohms is normal. **Note:** when the gate-to-anode short is removed, the same reading should still show on the meter until the leads are removed from cathode or the anode. Now, reconnecting the meter leads to cathode and anode should show no reading until the gate is again shorted to the anode.

Testing of Gate turn off SCRs requires special test equipment. Field testing of these SCRs is difficult and typically provides erroneous results.

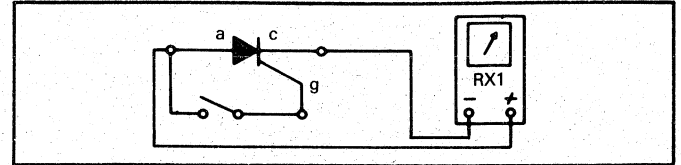


Fig. G. Hookup arrangement for testing thyristors with an ohmmeter.

Transistors

Bi-Polar Types (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG10	NPN-Si, Low Noise, UHF/VHF Amp (GpE 10 dB Typ)	25	12	3	70 mA	.600	5 GHz	40 min	TO-92	T16
ECG11	NPN-Si, Hi Gain, Hi Current, Gen Purp (Compl to ECG12)	40	20	7	5	.75	150	200 min	TO-92	T16
ECG12	PNP-Si, Hi Gain, Hi Current, Gen Purp (Compl to ECG11)	27	18	7	5	.75	120	180 min	TO-92	T16
ECG13	NPN-Si, Hi Gain, Gen Purp Amp	25	20	12	.5	.6	200	400 min	M-71	T20-3
ECG14	PNP-Si, Gen Purp, AF Amp, Driver	80	80	5	.7	.75	100	120 min	M-68	T20-2
ECG15	NPN-Si, VHF Amp, Mixer, Osc, UHF Osc	30	18	4	50 mA	.300	600 min	40 min	M-68	T20-2
ECG16	NPN-Si, Gen Purp Small Signal Amp, Low Noise (Compl to ECG17)	50	40	5	.100	.300	180	300	M-71	T20-3
ECG17	PNP-Si, Gen Purp Small Signal Amp, Low Noise (Compl to ECG16)	50	40	5	.100	.300	140	300	M-71	T20-3
ECG18	NPN-Si, AF Driver, Gen Purp Amp (Compl to ECG19)	80	80	5	.700 1 peak	1	120	120 min	M-71	T20-3
ECG19	PNP-Si, AF Driver, Gen Purp Amp (Compl to ECG18)	80	80	5	.700 1 peak	1	100	120 min	M-71	T20-3
ECG20	NPN-Si, AF PO, Dr, Series Pass (Compl to ECG21)	40	32	5	2 2.5 peak	1	100	120 min	M-71	T20-3
ECG21	PNP-Si, AF PO, Dr, Series Pass (Compl to ECG20)	40	32	5	2 3 peak	1	100	120 min	M-71	T20-3
ECG22	NPN-Si, AF PO, Dr, Gen Purp Amp	100	80	5	1 2 peak	1	100	120 min	M-71	T20-3
ECG23	NPN-Si, Low Noise UHF/VHF Amp, Antenna Amp, H.F. IF Amp (GpE 15 dB Typ)	30	14	3	50 mA	.250	2 GHz	80 typ	TO-92	T16
ECG24	NPN-Si, Gen Purp Amp, Sw (Compl to ECG25)	100	80	5	1.25	1	50	80 min	TO-237	T17
ECG25	PNP-Si, Gen Purp Amp, Sw (Compl to ECG24)	100	80	5	1.25	1	50	80 min	TO-237	T17
ECG26	NPN-Si, Audio Amp, Lo Noise	120	120	5	50 mA	.3 ($T_A = 25^\circ\text{C}$)	100	300 min	SP-92	T13-1
ECG27	PNP-Ge, Hi Current Gen Purp Amp	60	45	30	60	170	2 (kHz)	120 typ	TO-3	T28A
ECG28	PNP-Ge, Hi Current Gen Purp Amp	60	45	30	60	170	2 (kHz)	120 typ	TO-68	T29A
ECG29	NPN-Si, Hi Pwr Amp, Sw, $t_f = .3 \mu\text{sec typ}$ (Compl to ECG30)	80	80	5	50	300	2 min	20 min	TO-3	T28A
ECG30	PNP-Si, Hi Pwr Amp, Sw, $t_f = .3 \mu\text{sec typ}$ (Compl to ECG29)	80	80	5	50	300	2 min	20 min	TO-3	T28A
ECG31	NPN-Si, AF Driver Output (Compl to ECG32)	160	160	6	1	.9 ($T_A = 25^\circ\text{C}$)	20 min	100 min	TO-92M	T18
ECG32	PNP-Si, AF Driver Output (Compl to ECG31)	160	160	6	1	.9 ($T_A = 25^\circ\text{C}$)	15 min	100 min	TO-92M	T18
ECG33	NPN-Si, Audio Pwr Amp (Compl to ECG34)	160	160	5	15	150	80	120 min	TB-34	T44
ECG34	PNP-Si, Audio Pwr Amp (Compl to ECG33)	160	160	5	15	150	60	120 min	TB-34	T44

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

C

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CBO}	Collector To Emitter Volts BV _{CEO}	Base to Emitter Volts BV _{EBO}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG36 ECG36MP*	NPN-Si, Pwr Amp, Hi Speed Switch (Compl to ECG37)	160	140	6	12	100	15	60 min	TO-3PJ	T48-1
ECG37 ECG37MCP	PNP-Si, Pwr Amp, Hi Speed Switch (Compl to ECG36) Matched Compl Pair-Contains one each of ECG36 (NPN) and ECG37 (PNP)	160	140	6	12	100	15	60 min	TO-3PJ	T48-1
ECG38	PNP-Si, HV AF Pwr Amp, Hi Speed Sw, t _f = .6 μsec (Compl to ECG175)	400	350	6	2 cont. 5 peak	35	20	50 typ	TO-66	T25
ECG39	PNP-Si, HV AF Pwr Amp (Compl to ECG157)	300	300	3	.500	20	10	80 typ	TO-126	T45
ECG40	Dual NPN-Si, Hi Gain, Lo Noise, Differential Amp, Common Emitter	100	100	5	50 mA	.200/unit .400 total (T _A = 25°C)	150	400 min	SIP-5	T20-1
ECG41	Dual PNP-Si, Hi Gain, Lo Noise, Differential Amp, Common Emitter	100	100	5	50 mA	.200/unit .400 total (T _A = 25°C)	150	400 min	SIP-5	T20-1
ECG42	Dual NPN-Si, Hi Gain, Lo Noise, Differential Amp, Common Emitter	50	50	5	.100	.200/unit .400 total (T _A = 25°C)	150	400 min	SIP-5	T20-1
ECG43	Dual PNP-Si, Hi Gain, Lo Noise Differential Amp, Common Emitter	50	50	5	.100	.200/unit .400 total (T _A = 25°C)	100	400 min	SIP-5	T20-1
ECG44	Dual NPN-Si, Hi Gain, Lo Noise, Bias Amp (Common Base)	100	100	5	.100	.200/unit .400 total (T _A = 25°C)	100	400 min	SIP-5	T20-1
ECG45	Dual PNP-Si, Hi Gain, Lo Noise, Bias Amp (Common Base)	100	100	5	.100	.200/unit .400 total (T _A = 25°C)	100	400 min	SIP-5	T20-1
ECG46	NPN-Si, Darlington Preamplifier, Driver, Gen Purp Amp	100	100	12	.500	.625 (T _A = 25°C)	200	10000 min	TO-92	T16
ECG47	NPN-Si, Hi Gain, Lo Noise Amp	45	45	6	.200	.350	140	500 min	TO-92	T16
ECG48	NPN-Si, Darlington Hi Current Gen Purp Amp, Switch	60	50 (CES)	12	1	1 (T _A = 25°C)	100 min	25000	TO-92M	T18
ECG49	NPN-Si, Gen Purp AF Pwr Out, Driver (Compl to ECG50)	125	100	4	2	10	150	100 typ	TO-202	T38
ECG50	PNP-Si, Gen Purp AF Pwr Amp, Driver (Compl to ECG49)	125	100	4	2	10	150	100 typ	TO-202	T38
ECG51	NPN-Si, HV, Hi Speed Switch, t _f = .7 μsec typ	700	400	9	4	75	4 min	25 typ	TO-220	T41
ECG52	NPN-Si, HV, Hi Speed Switch, t _f = .2 μsec typ	750	450	6	5	125	---	10 typ	TO-3	T28
ECG53	NPN-Si, HV, Hi Speed Switch, t _f = .7 μsec typ	850	400	9	15	175	6 min	12 typ	TO-3	T28
ECG54 ECG54MP*	NPN-Si, AF Power Amp (Compl to ECG55)	150	150	5	8	50	70	100 typ	TO-220	T41
ECG55 ECG55MCP	PNP-Si, AF Power Amp (Compl to ECG54) Matched Compl Pair-Contains one each of ECG54 (NPN) and ECG55 (PNP)	150	150	5	8	50	85	100 typ	TO-220	T41
ECG56	NPN-Si, Hi Gain, Non-Darlington Amp, Switch, Pass Reg.	100	80	6	3	30	15	500 min	TO-220	T41
ECG57	NPN-Si, Hi Gain, Non-Darlington Amp, Switch, Pass Reg.	100	80	6	6	40	10	500 min	TO-66	T25

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG58	NPN-Si, Hi Power Audio Output (Compl to ECG59)	200	200	6	17	200	20	20 min	TB-35	T44-1
ECG59	PNP-Si, Hi Power Audio Output (Compl to ECG58)	200	200	6	17	200	20	20 min	TB-35	T44-1
ECG60 ECG60MP*	NPN-Si, Power Amp, AF PO, Gen Purp (Compl to ECG61)	140	140	5	20	250	2	30 typ	TO-3	T28
ECG61 ECG61MP* ECG61MCP	PNP-Si, Power Amp, AF PO, Gen Purp (Compl to ECG60) Matched Compl Pair-Contains one each of ECG60 (NPN) and ECG61 (PNP)	140	140	5	20	250	2	30 typ	TO-3	T28
ECG62	NPN-Si, HV Horizontal output	2500	900	6	3	50	---	5	TO-3	T28
ECG63	NPN-Si, UHF/Microwave Amp/Mixer G_{PE} 7.5 dB @ 2 GHz NF 4 dB @ 2 GHz	20	12	3	40 mA	400 mW	5 GHz typ	40	RF-19A	T49-3
ECG64	NPN-Si, UHF/Microwave Amp/Hi Speed Sw G_{PE} 10 dB @ 1 GHz NF 2 dB typ @ 1 GHz	25	15	3	30 mA	350 mW	4.5 GHz typ	60	RF-19A	T49-3
ECG65	NPN-Si, UHF/Microwave Amp, CATV, MATV	20	15	2	25 mA	180 mW	5 GHz typ	30 typ	RF-19	T49-2
ECG66	See FET Selector Guide Page 1-59	---	---	---	---	---	---	---	---	---
ECG67	See FET Selector Guide Page 1-59	---	---	---	---	---	---	---	---	---
ECG68 ECG68MCP	PNP-Si, Gen Purp Hi Pwr Amp (Compl to ECG388) Matched Compl Pair-Contains one each of ECG388 (NPN) and ECG68 (PNP)	400	250	5	16	250	4 min	30 typ	TO-3	T28
ECG69	NPN-Si, UHF/VHF Amp, Osc, Mixer	35	35	4	50 mA	.25 ($T_A = 25^\circ\text{C}$)	800 min	70 typ	TO-92	T16
ECG70	NPN-Si, HV Pwr Amp, Switch	180	150	6	50	250	30 min	30 min	TO-63	T35
ECG71	NPN-Si, Hi Current Amp, Fast Switch	150	90	7	20	200	20	20 min	TO-63	T35
ECG72	NPN-Si, Hi Current Amp, Fast Switch	120	100	6	10	115	30	30 min	TO-61 (Isolated)	T33
ECG73	NPN-Si, HV Amp, Switch	220	200	8	10	85	40	15 min	TO-61	T34
ECG74	NPN-Si, Gen Purp Amp, Sw	100	100	6	7	60	30	60 min	TO-59	T32
ECG75	NPN-Si, Hi Pwr Amp, Sw	100	80	8	5	50	50 min	40 min	TO-111	T30
ECG76 ECG76MP*	NPN-Si, CATV Broadband Amp	50	30	5	.4	5	1800	30 min	TO-117	T50
ECG77	NPN-Si, CATV Broadband Amp	50	30	5	.4	3.5	1800	30 min	TO-39	T6
ECG78	NPN-Si, RF PO, CB, 27 MHz, 3 W	36	18	4	.6	5	---	5 min	TO-202M	T39
ECG79	NPN-Si, RF PO, CB, 27 MHz	36	18	4	2	10	---	5 min	TO-202M	T39
ECG80	NPN-Si, HV Sw, Horiz Driver	700	300	12	1	8 ($T_C = 25^\circ\text{C}$) 1 ($T_A = 25^\circ\text{C}$)	13	50 typ	TO-202J	T37
ECG81	Dual NPN-Si, Switch, DC to VHF Amp	75	40	6	.6	2 total ($T_C = 25^\circ\text{C}$) .6 total ($T_A = 25^\circ\text{C}$)	250 min	100 min	TO-78	T12
ECG82	Dual PNP-Si, Switch, DC to VHF	60	60	5	.6	2 total ($T_C = 25^\circ\text{C}$) .6 total ($T_A = 25^\circ\text{C}$)	200 min	100 min	TO-78	T12

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG83	Dual NPN-Si, Hi Speed Sw, Gen Purp Amp	60	30	5	.5	.2 ($T_A = 25^\circ\text{C}$)	250	180 typ	TO-78P	T13
ECG85	NPN-Si, Sw, Gen Purp Amp	70	70 (CES)	4	.4	.6 ($T_A = 25^\circ\text{C}$)	200 min	120 min	TO-92	T16
ECG86	NPN-Si, Hi Gain DC Regulator, Amp	200	150	6	5	50	15	400 min	TO-3	T28
ECG87 ECG87MP*	NPN-Si, Hi Pwr Linear Amp (Compl to ECG88)	250	250 (CEX)	5	10	200	3	20 min	TO-3	T28
ECG88 ECG88MP* ECG88MCP	PNP-Si, Hi Pwr Linear Amp (Compl to ECG87) Matched Compl Pair-Contains one each ECG87 (NPN) and ECG88 (PNP)	250	250 (CEX)	5	10	200	3	20 min	TO-3	T28
ECG89	NPN-Si, Horiz Output with Damper Diode - Page 1-78	1500	600	6	7	50	---	5 min	TO-3	T28
ECG90	NPN-Si, Hi Gain, Gen Purp Amp (Compl to ECG91)	120	120	5	50 mA	.75 ($T_A = 25^\circ\text{C}$)	350	400 min	TO-92M	T18
ECG91	PNP-Si, Hi Gain, Gen Purp Amp (Compl to ECG90)	120	120	5	50 mA	.75 ($T_A = 25^\circ\text{C}$)	150	400 min	TO-92M	T18
ECG92	NPN-Si, Audio Pwr Amp, Hi Speed Sw (Compl to ECG93)	200	200	6	15	150	20	120 typ	TB-35	T44-1
ECG93 ECG93MCP	PNP-Si, Audio Pwr Amp, Hi Speed Sw (Compl to ECG92) Matched Compl Pair-Contains one each ECG92 (NPN) and ECG93 (PNP)	200	200	6	15	150	20	120 typ	TB-35	T44-1
ECG94	NPN-Si, Gen Purp Pwr DC Regulator	300	300	5	5	100	2.5 min	90 typ	TO-3	T28
ECG95	NPN-Si, HV Amp, Sw, Isolated Stud	250	250	6	3	70	40	90 min	TO-59 (Isolated)	T31
ECG96	NPN-Si, Medium Pwr Amp, Sw, Isolated Stud	100	100	6	7	60	30 min	60 min	TO-59 (Isolated)	T31
ECG97	NPN-Si, HV Darlington Pwr Amp, Fast Sw, $t_f = .5 \mu\text{sec}$	500	400	8	10	150	---	40 min	TO-3	T28
ECG98	NPN-Si, HV Darlington Pwr Amp, Fast Sw, $t_f = .6 \mu\text{sec}$	700	500	8	20	175	---	40 min	TO-3	T28
ECG99	NPN-Si, HV Darlington Pwr Amp, Fast Sw, $t_f = 1 \mu\text{sec}$	600	400	8	50	250	---	25 min	TO-3	T28
ECG100	PNP-Ge, RF/IF Amp, Osc, Mix	25	20 (CER)	20	.3	.150 ($T_A = 25^\circ\text{C}$)	5 #	40 typ at 455 KHz	TO-5	T5
ECG101	NPN-Ge, RF/IF Amp, Osc, Mix	25	20 (CER)	20	.3	.150 ($T_A = 25^\circ\text{C}$)	5 #	40 typ at 455 KHz	TO-5	T5
ECG102	PNP-Ge, AF Driver, Preamp, Pwr Output (Compl to ECG103)	30	16 (CER)	20	.3	.150 ($T_A = 25^\circ\text{C}$)	2	90 typ	TO-5	T5
ECG102A	PNP-Ge, AF Driver, Preamp, Pwr Output (Compl to ECG103A)	32	32 (CES)	12	.5	.900 ($T_A = 25^\circ\text{C}$)	2.3	120 typ	TO-1	T1
ECG103	NPN-Ge, AF Driver, Preamp, Pwr Output (Compl to ECG102)	30	16 (CER)	20	.250	.150 ($T_A = 25^\circ\text{C}$)	2 #	90 typ at 1 KHz	TO-5	T5
ECG103A	NPN-Ge, AF Driver, Preamp, Pwr Output (Compl to ECG102A)	32	32 (CES)	10	.5	.340 ($T_A = 25^\circ\text{C}$)	2.5	105 typ	TO-1	T1
ECG104 ECG104MP*	PNP-Ge, AF Pwr Output	50	35 (CER)	20	7	90	10 KHz #	90 typ	TO-3	T28
ECG105	PNP-Ge, AF Pwr Output	50	35 (CER)	20	15	100	10 KHz #	90 typ	TO-36	T29
ECG106	PNP-Si, RF/IF Amp, Osc, Mix	35	15	1	75 mA	.250 ($T_A = 25^\circ\text{C}$)	500	20 min	TO-18	T2

Notes: * MP - Matched pair

Frequency at which common emitter current is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CE0}	Base to Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG107	NPN-Si, UHF/VHF Amp, Osc, Mix, IF Amp	35	35	5	50 mA	.250 (T _A = 25°C)	800 min	70 typ	TO-92	T16
ECG108	NPN-Si, RF/IF/Video Amp, Osc, Mix, VHF/UHF	30	15	2	50 mA	.600 (T _A = 25°C)	800 min	20 min	TO-92	T16
ECG121 ECG121MP*	PNP-Ge, AF Pwr Output	65	45 (CER)	15	7.0	30	22 KHz #	80 typ	TO-3	T28
ECG123	NPN-Si, AF Preamp, Driver Video Amp, Sync Sep	60	30	5	.8	.800 (T _A = 25°C)	250	150 typ	TO-39	T6
ECG123A	NPN-Si, AF/RF Amp, Sw	75	40	6	.8	.500 (T _A = 25°C)	300	200 typ	TO-18	T2
ECG123AP	NPN-Si, AF/RF Amp, Driver (Compl to ECG159)	75	40	6	.6	.500 (T _A = 25°C)	300	200 typ	TO-92	T16
ECG124	NPN-Si, HV Audio Pwr Output	300	300	5	.150	20	30	100 typ	TO-66	T25
ECG126A	PNP-Ge, RF/IF Amp, Osc, Mix	15	15	3	50 mA	300 mW (T _A = 25°C)	250	40 typ	TO-18	T2
ECG127	PNP-Ge, Horiz & Vert Defl, Pwr Output	320	320 (CES)	2	10	40	1	15 min	TO-3	T28
ECG128	NPN-Si, AF Preamp, Driver, Output, Video Amp (Compl to ECG129)	120	80	7	1	1 (T _A = 25°C)	120	90 min	TO-39	T6
ECG128P	NPN-Si, Gen Purp Amp, Sw (Compl to ECG129P)	100	80	7	1	1	100	100 min	TO-237	T17
ECG129 ECG129MCP	PNP-Si, AF Preamp, Driver, Output, Video Amp (Compl to ECG128) Matched Compl Pair-Contains one each ECG128 (NPN) and ECG129 (PNP)	90	80	7	1	1 (T _A = 25°C)	120	90 min	TO-39	T6
ECG129P	PNP-Si, Gen Purp Amp, Sw (Compl to ECG128P)	80	80	7	1	1	150	100 min	TO-237	T17
ECG130 ECG130MP*	NPN-Si, AF Pwr Amp (Compl to ECG219)	100	60	7	15	115	.800	40 typ	TO-3	T28
ECG131 ECG131MP*	PNP-Ge, AF Pwr Output (Compl to ECG155)	32	20	10	3 peak	6 (T _C = 63°C)	1	110 typ	TC-9	T27
ECG152 ECG152MP*	NPN-Si, AF Pwr Output (Compl to ECG153)	60	60	5	7	50	10	60 typ	TO-220	T41
ECG153 ECG153MCP	PNP-Si, AF Pwr Output (Compl to ECG152) Matched Compl Pair-Contains one each ECG152 (NPN) and ECG153 (PNP)	60	60	5	7	50	10	60 typ	TO-220	T41
ECG154	NPN-Si, Video Output Amp	300	300	7	.5	1.0 (T _A = 25°C) 7.0 (T _C = 25°C)	40	60 typ	TO-39	T6
ECG155	NPN-Ge, AF Pwr Amp (Compl to ECG131)	32	20	10	3 peak	7.5	1	110 typ	TC-9	T27
ECG157	NPN-Si, HV AF Pwr Amp (Compl to ECG39)	300	300	3	.5	20.8	10	30 min	TO-126	T45
ECG158	PNP-Ge, AF Pwr Amp	32	32	10	1	1.6	1.5	90 typ	TO-1	T1
ECG159 ECG159MCP	PNP-Si, AF Premp, Driver, Sw (Compl to ECG123AP) Matched Compl Pair-Contains one each ECG123AP (NPN) and ECG159 (PNP)	80	80	5	1	.600 (T _A = 25°C)	200	180 typ	TO-92	T16
ECG160	PNP-Ge, RF/IF Amp, Osc, Mix	30	20 (CES)	.5	10 mA	.200 (T _A = 25°C)	400	20 typ	TO-72	T4
ECG161	NPN-Si, Video IF Amp	45	45 (CES)	4.5	50 mA	.180 (T _A = 25°C)	800	60 typ	TO-72	T4

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CBO}	Collector To Emitter Volts BV _{CEO}	Base to Emitter Volts BV _{EBO}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG162	NPN-Si, Vert Defl	500	300	5	3 cont. 10 peak	100	---	20 min	TO-3	T28
ECG163A	NPN-Si, Horiz Defl	700	700 (CEV)	5	10 peak	100	---	10	TO-3	T28
ECG164	NPN-Si, Vert Defl	1500	700 (CER)	5	1	50	.5 min	20	TO-3	T28
ECG165	NPN-Si, Horiz Defl	1500	1400 (CES)	5	5	50	---	5	TO-3	T28
ECG171	NPN-Si, AF/Video Amp (Compl to ECG296)	300	300	5	.5	10	75	40 min	TO-202	T38
ECG172A	NPN-Si, Darlington AF Preamp, Medium-Speed Sw	40	40	12	.3	.400 (T _A = 25°C)	60	7000 min	TO-92	T16*
ECG175	NPN-Si, AF Pwr Amp (Compl to ECG38)	500	300	6	3	40	10	50 typ	TO-66	T25
ECG176	PNP-Ge, AF Pwr Amp	25	25	6	2	6	.700	110 typ	TO-39	T6
ECG179 ECG179MP*	PNP-Ge, AF Pwr Amp	90	90	2	25	106	.35 min	55 typ	TO-3	T28
ECG180 ECG180MCP	PNP-Si, AF Amp (Compl to ECG181) Matched Compl Pair-Contains one each ECG181 (NPN) and ECG180 (PNP)	100	100 (CER)	4	30	200	2 min	25 min	TO-3	T28
ECG181 ECG181MP*	NPN-Si, AF Amp (Compl to ECG180)	100	100 (CER)	4	30	200	2 min	25 min	TO-3	T28
ECG182	NPN-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG183)	100	80	4	10	90	2	30 min	TO-127	T46
ECG183	PNP-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG182)	100	80	4	10	90	2	30 min	TO-127	T46
ECG184 ECG184MP*	NPN-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG185)	80	80	5	4	40	2	30 min	TO-126	T45
ECG185 ECG185MCP	PNP-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG184) Matched Compl Pair-Contains one each ECG184 (NPN) and ECG185 (PNP)	80	80	5	4	40	2	30 min	TO-126	T45
ECG186	NPN-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG187)	70	60	5	3	12.5	50	80 typ	TO-202	T38
ECG186A	NPN-Si, AF Pwr Amp, Driver (Compl to ECG187A)	50	50	5	3	10	150	80 min	TO-202M	T39
ECG187	PNP-Si, AF Pwr Amp, Hi Speed Sw (Compl to ECG186)	70	60	5	3	12.5	50	80 typ	TO-202	T38
ECG187A	PNP-Si, AF Pwr Amp (Compl to ECG186A)	50	50	5	3	10	150	80 min	TO-202M	T39
ECG188	NPN-Si, AF Driver, Pwr Amp (Compl to ECG189)	80	80	4	2	10	50	80 typ	TO-202N	T36
ECG189	PNP-Si, AF Driver, Pwr Amp (Compl to ECG188)	80	80	4	2	10	50	80 typ	TO-202N	T36
ECG190	NPN-Si, AF Pwr Amp, Horiz Driver	180	180	5	1	10	100	40 min	TO-202N	T36
ECG191	NPN-Si, HV AF Amp, HV Video Amp (Compl to ECG240)	300	300	6	.5	10	60	40 min	TO-202N	T36
ECG192	NPN-Si, AF Pwr Output (Compl to ECG193)	70	70 (CES)	5	1	.700 (T _A = 25°C) 1 (T _C = 25°C)	120 min	150 typ	TO-92HS	T21
ECG192A	NPN-Si, AF PO (Compl to ECG193A)	70	70 (CES)	5	.5	.6 (T _A = 25°C)	120	120 min	T-16HS	T22*
ECG193	PNP-Si, AF Pwr Output (Compl to ECG192)	70	70 (CES)	5	1	.700 (T _A = 25°C) 1 (T _C = 25°C)	120 min	150 typ	TO-92HS	T21

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG193A	PNP-Si, AF PO (Compl to ECG192A)	70	70 (CES)	5	.5	.6 ($T_A = 25^\circ\text{C}$)	120	120 min	T-16HS	T22•
ECG194	NPN-Si, Gen Purp HV Amp, Hi Speed Sw	180	160	4	.6	.350 ($T_A = 25^\circ\text{C}$)	100	100 typ	TO-92	T16
ECG195A	NPN-Si, RF Pwr Amp/Driver (P_O 3.5 W min, 50 MHz, 12 V)	70	70 (CER)	4	1.5	8	150	30 min	TO-39	T6
ECG196	NPN-Si, AF Pwr Output (Compl to ECG197)	90	80 (CER)	5	7	50 ($T_C = 25^\circ\text{C}$) 1.8 ($T_A = 25^\circ\text{C}$)	.800 min	20 min	TO-220	T41
ECG197	PNP-Si, AF Pwr Output (Compl to ECG196)	90	80 (CER)	5	7	50 ($T_C = 25^\circ\text{C}$) 1.8 ($T_A = 25^\circ\text{C}$)	.800 min	20 min	TO-220	T41
ECG198	NPN-Si, HV AF, Sw	500	500 (CES)	5	1	40 ($T_C = 25^\circ\text{C}$) 2 ($T_A = 25^\circ\text{C}$)	20	80 typ	TO-220	T41
ECG199	NPN-Si, Lo Noise Hi Gain Preamp	70	50	5	.1	.360 ($T_A = 25^\circ\text{C}$)	90 min	400	TO-92	T16•
ECG210	NPN-Si, AF Output, Sw (Compl to ECG211)	90	75	5	1	6.25 ($T_C = 25^\circ\text{C}$) 1.33 ($T_A = 50^\circ\text{C}$)	200	120 min	TO-202	T38
ECG211	PNP, Si, AF Output, Sw (Compl to ECG210)	90	75	5	1	6.25 ($T_C = 25^\circ\text{C}$) 1.33 ($T_A = 25^\circ\text{C}$)	200	120 min	To-202	T38
ECG213	PNP-Ge, Hi Current/Power	75	65	40	30	170	.270	80 typ	TO-36	T29
ECG214	NPN-Si, Darlington Dr, Sw, Series Pass, $t_f = 1.8 \mu\text{sec}$ typ	70	60	6	10	60	---	2000 min	TO-3PJ	T48-1
ECG215	NPN-Si, Darlington Dr, Sw, Series Pass, $t_f = 1.6 \mu\text{sec}$ typ	110	100	6	8	60	---	1500 min	TO-3PJ	T48-1
ECG216	NPN-Si, Hi Speed Sw, Core Driver, $t_d = 5 \text{ ns}$, $t_r = 15 \text{ ns}$, $t_s = 35 \text{ ns}$, $t_f = 20 \text{ ns}$ typ	80	50	6	1.5	1	300	60 min	TO-237	T17
ECG217	PNP-Si, Hi Speed Sw, Amp, $t_d = 10 \text{ ns}$, $t_r = 30 \text{ ns}$, $t_s = 60 \text{ ns}$, $t_f = 30 \text{ ns}$ max	40	40	5	1	1	175	40 min	TO-237	T17
ECG218	PNP-Si, AF Pwr Output	90	80	7	3	25	3 min	20 min	TO-66	T25
ECG219	PNP-Si, AF Output, Sw (Compl to ECG130)	100	70 (CER)	7	15	150	4 min	20 min	TO-3	T28
ECG219MCP	Matched Compl Pair-Contains one each ECG130 (NPN) and ECG219 (PNP)									
ECG220 thru ECG222	See FET Selector Guide Page 1-57	---	---	---	---	---	---	---	---	---
ECG224	NPN-Si, Final RF Pwr Output (P_O 4 W, 50 MHz)	60	60 (CEV)	2.5	2	10	200	60 typ	TO-39F	T23
ECG225	NPN-Si, AF Video & Sw	450	350	7	1	10	15	40 min	TO-39F	T23
ECG226 ECG226MP*	PNP-Ge, AF Pwr Output	35	35 (CER)	6	2	12	.450	125 typ	TC-9A	T26
ECG227	NPN-Si, HV Amp, Video Output	300	300	7	.1	1	50	40 min	TO-237	T17
ECG228A	NPN-Si, Hi Speed Sw Lin Amp, AF/Video Output	450	350	7	1	10 ($T_C = 25^\circ\text{C}$) 1.75 ($T_A = 25^\circ\text{C}$)	15	40 typ	TO-202M	T39

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CEO}	Base to Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG229	NPN-Si, VHF Osc, Mix, IF Amp	40	40	4	50 mA	.425 (T _A = 25°C)	600	30 min	TO-92	T16
ECG232	PNP-Si, Darlington Amp	30	30	8	.3	.625 (T _A = 25°C)	175	50,000 typ	TO-92	T16
ECG233	NPN-Si, Final Video IF	30	30	3	.1	.625 (T _A = 25°C)	300	45 typ	TO-92	T16
ECG234	PNP-Si, Lo Noise, Hi Gain AF Preamp	60	50	5	50 mA	.200 (T _A = 25°C)	80 min	400	TO-92	T16
ECG235	NPN-Si, Final RF Pwr Output (P _O 5 W, 50 MHz)	65	65 (CER)	4	3 pulse	12	200 min	40 min	TO-220	T41
ECG236	NPN-Si, Final RF Pwr Output (P _O 13 W, 50 MHz, SSB)	70	70 (CER)	4	8 pulse	25	100	20 min	TO-220	T41
ECG237	NPN-Si, Final RF Pwr Output (P _O 3 W, 27 MHz)	80	40	5	3	10	150 min	10 min	TO-39HS	T24
ECG238	NPN-Si, Horizontal Output	1500	1500 (CER)	5	7	50	---	5	TO-3	T28
ECG240	PNP-Si, HV AF Amp, Video Output (Compl to ECG191)	300	300	5	.5	10 (T _C = 25°C) 1 (T _A = 25°C)	60 min	40 typ	TO-202N	T36
ECG241	NPN-Si, AF Pwr, Sw (Compl to ECG242)	80	80	5	4	60	2	25 min	TO-220	T41•
ECG242	PNP-Si, AF Pwr, Sw (Compl to ECG241)	80	80	5	4	60	2	25 min	TO-220	T41•
ECG243	NPN-Si, Darlington Pwr Amp (Compl to ECG244)	80	80	5	8	100	---	3000 typ	TO-3	T28
ECG244	PNP-Si, Darlington Pwr Amp (Compl to ECG243)	80	80	5	8	100	---	3000 typ	TO-3	T28
ECG245	NPN-Si, Darlington Pwr Amp (Compl to ECG246)	80	80	5	10	150	---	4000 typ	TO-3	T28
ECG246	PNP-Si, Darlington Pwr Amp (Compl to ECG245)	80	80	5	10	150	---	4000 typ	TO-3	T28
ECG247	NPN-Si, Darlington Pwr Amp (Compl to ECG248)	100	100	5	12	150	---	3500 typ	TO-3	T28
ECG248	PNP-Si, Darlington Pwr Amp (Compl to ECG247)	100	100	5	12	150	---	3500 typ	TO-3	T28
ECG249	NPN-Si, Darlington Pwr Amp (Compl to ECG250)	100	100	5	16	150	---	3500 typ	TO-3	T28
ECG250	PNP-Si, Darlington Pwr Amp (Compl to ECG249)	100	100	5	16	150	---	3500 typ	TO-3	T28
ECG251	NPN-Si, Darlington Pwr Amp (Compl to ECG252)	100	100	5	20	160	---	2400 typ	TO-3	T28
ECG252	PNP-Si, Darlington Pwr Amp (Compl to ECG251)	100	100	5	20	160	---	2400 typ	TO-3	T28
ECG253	NPN-Si, Darlington Pwr Amp (Compl to ECG254)	80	80	5	4	40	---	2000 typ	TO-126	T45
ECG254	PNP-Si, Darlington Pwr Amp (Compl to ECG253)	80	80	5	4	40	---	2000 typ	TO-126	T45
ECG255	NPN-Si, Horiz Driver, Amp, Sw	325	300	6	1	1	30 min	30 min	TO-237	T17
ECG256	NPN-Si, Darlington w/ Damper Diode, Hi Speed Sw, Hi Current, t _f = 150 nsec	450	400	8	20	150	---	30 min	TO-3P (TO-218)	T48
ECG257	NPN-Si, Darlington Pwr Amp (Compl to ECG258)	80	80	5	5	70	---	750 min	TO-127	T46
ECG258	PNP-Si, Darlington Pwr Amp (Compl to ECG257)	80	80	5	5	70	---	750 min	TO-127	T46
ECG259	NPN-Si, Darlington Pwr Amp (Compl to ECG260)	100	100	5	8	75	---	2500 typ	TO-127	T46

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CEO}	Base To Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG260	PNP-Si, Darlington Pwr Amp (Compl to ECG259)	100	100	5	8	75	---	2500 typ	TO-127	T46
ECG261	NPN-Si, Darlington Pwr Amp (Compl to ECG262)	100	100	5	8	65	---	1000 min	TO-220	T41
ECG262	PNP-Si, Darlington Pwr Amp (Compl to ECG261)	100	100	5	8	65	---	1000 min	TO-220	T41
ECG263	NPN-Si, Darlington Pwr Amp (Compl to ECG264)	100	100	5	10	65	---	1000 min	TO-220	T41
ECG264	PNP-Si, Darlington Pwr Amp (Compl to ECG263)	100	100	5	10	65	---	1000 min	TO-220	T41
ECG265	NPN-Si, Darlington Pwr Amp, Switch	50	50	13	.5	6.25	---	10000 min	TO-202	T38
ECG266	NPN-Si, Darlington Pwr Amp, Switch	50	50	13	.5	6.25	---	40000 min	TO-202	T38
ECG267	NPN-Si, Darlington Pwr Amp, Switch	30	30	13	.5	6.25	---	90000 min	TO-202	T38
ECG268	NPN-Si, Darlington Pwr Amp (Compl to ECG269)	50	50	13	2	10	---	1000 min	TO-202	T38
ECG269	PNP-Si, Darlington Pwr Amp (Compl to ECG268)	50	50	13	2	10	---	1000 min	TO-202	T38
ECG270	NPN-Si, Darlington Pwr Amp, Switch (Compl to ECG271)	100	100	5	10	125	---	1000 min	TO-3P (TO-218)	T48
ECG271	PNP-Si, Darlington Pwr Amp, Switch (Compl to ECG270)	100	100	5	10	125	---	1000 min	TO-3P (TO-218)	T48
ECG272	NPN-Si, Darlington Pwr Amp, Switch (Compl to ECG273)	50	40	12	2	10	---	25000 min	TO-202N	T36
ECG273	PNP-Si, Darlington Pwr Amp, Switch (Compl to ECG272)	50	40	12	2	10	---	25000 min	TO-202N	T36
ECG274	NPN-Si, Darlington Pwr Amp, Switch (Compl to ECG275)	80	80	5	4	50	---	3000 typ	TO-66	T25
ECG275	PNP-Si, Darlington Pwr Amp, Switch (Compl to ECG274)	80	80	5	4	50	---	3000 typ	TO-66	T25
ECG278	NPN-Si, Broad Band RF Amp	40	30	4	.4	3.5	1200 min	30 min	TO-39	T6
ECG280 ECG280MP*	NPN-Si, AF Pwr Amp (Compl to ECG281)	140	140	5	12	100	6	70 min	TO-3	T28
ECG281 ECG281MCP	PNP-Si, AF Pwr Amp (Compl to ECG280) Matched Compl Pair-Contains one each ECG280 (NPN) and ECG281 (PNP)	140	140	5	12	100	6	70 min	TO-3	T28
ECG283	NPN-Si, HV-Hi Current Sw, Horiz Output	800	325	8	10	100	6	15 min	TO-3	T28
ECG284 ECG284MP*	NPN-Si, AF Pwr Amp (Compl to ECG285)	180	180	5	16	150	6	70 min	TO-3	T28
ECG285 ECG285MCP	PNP-Si, AF Pwr Amp (Compl to ECG284) Matched Compl Pair-Contains one each ECG284 (NPN) and ECG285 (PNP)	180	180	5	16	150	6	70 min	TO-3	T28
ECG286	NPN-Si, Pwr Amp, Sw, Horiz Output	300	250	6	2	25	8	100 min	TO-66	T25
ECG287	NPN-Si, HV Gen Purp Amp (Compl to ECG288)	300	300	6	.5	.625 (T _A = 25°C)	50	40 min	TO-92	T16
ECG288	PNP-Si, HV Gen Purp Amp (Compl to ECG287)	300	300	5	.5	.625 (T _A = 25°C)	50	40 min	TO-92	T16
ECG289A ECG289AMP*	NPN-Si, AF Pwr Amp (Compl to ECG290A)	100	80	5	.5	.500 (T _A = 25°C)	120	100 min	TO-92	T16

Notes: * MP - Matched pair

Package Outlines - See Page 1-76

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CEO}	Base to Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG290A ECG290AMCP	PNP-Si, AF Pwr Amp (Compl to ECG289A) Matched Compl Pair-Contains one each ECG289A (NPN) and ECG290A (PNP)	100	80	5	.5	.500 (T _A = 25°C)	120	100 min	TO-92	T16
ECG291	NPN-Si, Pwr Amp, Sw (Compl to ECG292)	130	120	5	4	40	4 min	75 typ	TO-220	T41
ECG292 ECG292MCP	PNP-Si, Pwr Amp, Sw (Compl to ECG291) Matched Compl Pair-Contains one each ECG291 (NPN) and ECG292 (PNP)	130	120	5	4	40	4 min	75 typ	TO-220	T41
ECG293 ECG293MP*	NPN-Si, AF Pwr Amp (Compl to ECG294)	60	50	5	1	1 W (Heat Sink) .75 (T _A = 25°C)	200	120 min	T-16	T20
ECG294	PNP-Si, AF Pwr Amp (Compl to ECG293)	60	50	5	1	1 W (Heat Sink) .75 (T _A = 25°C)	200	120 min	T-16	T20
ECG295	NPN-Si, RF Output/Driver	75	40	5	1	5	150 min	20 min	TO-126	T45
ECG296	PNP-Si, HV AF Amp, Video Output (Compl to ECG171)	300	300	5	.5	10 (T _C = 25°C) 2 (T _A = 25°C)	50	40 typ	TO-202	T38
ECG297 ECG297MP*	NPN-Si, AF Driver, Pwr Amp (Compl to ECG298)	80	80	5	1 peak	.75 (T _A = 25°C)	120	130 min	T-16	T20
ECG298	PNP-Si, AF Driver/Pwr Amp (Compl to ECG297)	80	80	5	1 peak	.75 (T _A = 25°C)	120	130 min	T-16	T20
ECG299	NPN-Si, RF Driver/Pwr Amp	75	35	4	1	4	200	10 min	TO-202	T38
ECG300 ECG300MP*	NPN-Si, AF Pwr Output (Compl to ECG307)	50	40	5	1.5	7	70	90 min	TO-202	T38
ECG302	NPN-Si, RF Driver/Pwr Amp	100	50	6	1.5 peak	8	80	200 min	TO-202J	T37
ECG304A	Transistor Kit - See Page 1-54	---	---	---	---	---	---	---	---	---
ECG306	NPN-Si, RF Driver/Pwr Amp	100	50	6	1.5 peak	8	80	200 min	TO-202J	T37
ECG307	PNP-Si, AF Pwr Output (Compl to ECG300)	50	40	5	1.5	7	70	90 min	TO-202	T38
ECG311	NPN-Si, VHF/UHF Osc, Amp, Driver	55	30	3.5	.4	5	800 min	25 min	TO-39	T6
ECG312	See FET Selector Guide Page 1-57	--	---	---	---	---	---	---	---	---
ECG313	NPN-Si, VHF Tuner, RF Amp	30	30	4	20 mA	.15 (T _A = 25°C)	400 min	25 min	RF-15	T49
ECG315	NPN-Si, RF Driver	100	50	6	1	.75 (T _A = 25°C)	80	200 typ	SC-51	T19
ECG316	NPN-Si, Lo Noise UHF Amp (NF 4.5 dB max, 450 MHz)	30	15	3.5	50 mA	.200 (T _A = 25°C)	1400	25 min	TO-72	T4
ECG317	NPN-Si, RF Pwr Output (P _O 70 W, 30 MHz)	36	36 (CES)	4	15	220	---	10 min	RF-50F	T58
ECG318	NPN-Si, RF Pwr Output (P _O 50 W, 30 MHz)	36	36 (CES)	4	6	80	---	5 min	RF-50F	T58
ECG319P	NPN-Si, AGC Controlled IF Amp (Includes Metal Shield)	40	30	4	.05	.5 (T _A = 25°C)	300 min	35 typ	TO-92	T16
ECG320	NPN-Si, RF Pwr Output (P _O 40 W, 175 MHz)	36	36 (CES)	4	6	80	200 min	5 min	RF-50SS	T55
ECG320F	NPN-Si, RF Pwr Out (P _O 40 W, 175 MHz)	36	18	4	6	80	200 min	5 min	RF-38F	T57

Notes: * MP - Matched pair

Package Outlines - See Page 1-76

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CE0}	Base to Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG321	NPN-Si, Horiz Defl	1600	700	5	1.5	15 (T _C = 25°C)	---	1.5 min	TO-66	T25
ECG322	NPN-Si, RF Pwr Amp (P _O 3.5 W min, 27 MHz)	65	65 (CES)	3	.5	10	100	10 min	TO-202N	T36
ECG323	PNP-Si, AF Pwr Amp (Compl to ECG324)	120	100	5	2	1 (T _A = 25°C)	30	50 min	TO-39	T6
ECG324	NPN-Si, AF Pwr Amp (Compl to ECG323)	120	100	5	2	1 (T _A = 25°C)	50	50 min	TO-39	T6
ECG325	NPN-Si, RF PO, 14-30 MHz, 50 W	40	20	4	7.5	115	---	---	RF-38S	T53
ECG326	See FET Selector Guide Page 1-57	---	---	---	---	---	---	---	---	---
ECG327	NPN-Si, Pwr Amp, Sw, t _f = 250 nsec	180	150	6	25	200	40	30 min 120 max	TO-3	T28
ECG328	NPN-Si, Pwr Amp, Sw	150	130	7	15	140	60	12 min 100 max	TO-3	T28
ECG329	NPN-Si, RF Pwr Amp (P _O 3.5 W min, 27 MHz)	60	30	2.5	1.5 peak	5	---	---	TO-39	T6
ECG330, W	PNP-Ge, Fast Pwr Sw	---	40	1.4	25	170	---	12 typ	TO-36	T29
ECG331 ECG331MP*	NPN-Si, AF PO, Reg, Sw (Compl to ECG332)	100	100	5	15	90	3 min	40 typ	TO-220	T41
ECG332 ECG332MCP	PNP-Si, AF PO, Reg, Sw (Compl to ECG331) Matched Compl Pair-Contains one each ECG331 (NPN) and ECG332 (PNP)	100	100	5	15	90	3 min	40 typ	TO-220	T41
ECG333	NPN-Si, RF PO, 14-30 MHz, 60 W	36 (CES)	18	4	15	175	---	10 min	RF-38F	T57
ECG334	NPN-Si, RF PO, 14-30 MHz, 60 W	36 (CES)	18	4	15	175	---	10 min	RF-38S	T53
ECG335	NPN-Si, RF PO, 14-30 MHz, 80 W	45	25	4	20	250	---	10 min	RF-50F	T58
ECG336	NPN-Si, RF PO, 14-30 MHz, 80 W	45	25	4	20	250	---	10 min	RF-50S10	T54
ECG337	NPN-Si, RF Driver, 27-50 MHz, 8 W	36	18	4	2	20	---	5 min	RF-38S	T53
ECG338	NPN-Si, RF Driver & Output, 27-50 MHz, 20 W	48	24	4	3.5	50	---	15 typ	RF-38S	T53
ECG338F	NPN-Si, RF Driver & Output, 27-50 MHz, 20 W	36	18	4	4.5	80	---	10 min	RF-38F	T57
ECG339	NPN-Si, RF PO, 27-50 MHz, 40 W	48	24	4	7	100	---	3 min	RF-50S10	T54
ECG340	NPN-Si, RF PO, Driver, 136-174 MHz, 600 mW	36	18	4	.5	.750 (T _A = 25°C)	---	70 typ	T-16	T20
ECG341	NPN-Si, RF PO, 136-174 MHz, 4 W	36	18	4	.640	8	---	5 min	TO-39EC	T7•
ECG342	NPN-Si, RF PO, 136-174 MHz, 7 W	35	17	4	2	12.5	---	50 typ	TO-220EC	T42•
ECG343	NPN-Si, RF PO, 136-174 MHz, 14 W	35	17	4	3.5	25	---	50 typ	TO-220EC	T42•
ECG344	NPN-Si, RF PO, 136-174 MHz, 30 W	35	17	4	7	50	---	50 typ	RF-28F6	T59
ECG345	NPN-Si, RF PO, 136-174 MHz, 30 W	36	18	4	4	65	---	5 min	RF-38S	T53
ECG346	NPN-Si, RF Driver & Predriver, 136-174 MHz, 1 W	40	20	2	.4	1 (T _A = 25°C) 3.5 (T _C = 25°C)	500	10 min	TO-39	T6

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CE0}	Base to Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG347	NPN-Si, RF PO, 136-174 MHz, 3 W	36	18	4	.6	15	---	5 min	RF-38SM	T51
ECG348	NPN-Si, RF PO, 136-174 MHz, 4 W	36	18	4	1	12	---	5 min	RF-38S	T53
ECG349	NPN-Si, RF PO, 136-174 MHz, 10 W	36	18	4	2	30	---	5 min	RF-38S	T53
ECG350	NPN-Si, RF PO, 136-174 MHz, 15 W	36	18	4	2.5	31	---	5 min	RF-38S	T53
ECG350F	NPN-Si, RF PO, 136-174 MHz, 15 W	36	18	4	2.5	31	---	5 min	RF-38F	T57
ECG351	NPN-Si, RF PO, 136-174 MHz, 25 W	36	18	4	4	65	---	5 min	RF-38S	T53
ECG352	NPN-Si, RF PO, 136-174 MHz, 80 W	36	18	4	20	250	---	35 typ	RF-50F6	T60
ECG353	PNP-Si, RF PO, 136-174 MHz, 4 W	36	18	4	1	8	---	5 min	RF-38F	T57
ECG354	PNP-Si, RF PO, 136-174 MHz, 15 W	36	18	4	2.5	20	---	5 min	RF-38F	T57
ECG355	PNP-Si, RF PO, 136-174 MHz, 30 W	36	18	4	4	40	---	5 min	RF-38F	T57
ECG356	PNP-Si, RF PO, 136-174 MHz, 40 W	36	18	4	6	60	---	5 min	RF-38F	T57
ECG357	NPN-Si, RF PO, 30-200 MHz, 7 W	65	35	4	1	15	---	5 min	RF-38SM	T51
ECG359	NPN-Si, RF PO, 30-200 MHz, 20 W	65	35	4	3	30	---	5 min	RF-38S	T53
ECG360	NPN-Si, RF PO, 30-200 MHz, 40 W	65	35	4	5	60	---	5 min	RF-38S	T53
ECG361	NPN-Si, RF PO, 407-512 MHz, 2 W	36	16	4	.4	5	---	20 min	TO-39EC	T7•
ECG362	NPN-Si, RF PO, 407-512 MHz, 2 W	36	16	4	.4	5	---	20 min	RF-28S	T52
ECG363	NPN-Si, RF PO, 407-512 MHz, 4 W	36	16	4	.8	15	---	20 min	RF-28S	T52
ECG364	NPN-Si, RF PO, 407-512 MHz, 10 W	36	16	4	2	37.5	---	20 min	RF-28S	T52
ECG365	NPN-Si, RF PO, 407-512 MHz, 15 W	36	16	4	3	50	---	30 min	RF-50F6	T60
ECG366	NPN-Si, RF PO, 407-512 MHz, 25 W	36	16	4	5	75	---	20 min	RF-50F6	T60
ECG367	NPN-Si, RF PO, 407-512 MHz, 45 W	36	16	4	8	175	---	20 min	RF-50F6	T60
ECG368	NPN-Si, RF PO, 407-512 MHz, 60 W	36	16	4	10	233	---	20 min	RF-50F6	T60
ECG369	NPN-Si, Vert PO, Sw, AF Amp	800	400	6	3.0 peak	40	7	30 min	TO-66	T25
ECG373	NPN-Si, AF Driver (Compl to ECG374)	180	160	5	1.5	1 (T _A = 25°C) 20 (T _C = 25°C)	140	100 typ	TO-126	T45
ECG374	PNP-Si, AF Driver (Compl to ECG373)	180	160	5	1.5	1 (T _A = 25°C) 20 (T _C = 25°C)	140	100 typ	TO-126	T45
ECG375	NPN-Si, Vert Defl, AF Amp (Compl to ECG398)	200	150	6	3	25	8	150 typ	TO-220	T41

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG376	NPN-Si, Pwr Amp	300	300	5	.15	1.5 ($T_A = 25^\circ\text{C}$) 15 ($T_C = 25^\circ\text{C}$)	80	100 typ	TO-220	T41
ECG377	NPN-Si, Pwr Driver, PO, Sw, Reg (Compl to ECG378)	80	80	5	10	50	50	60 min	TO-220	T41
ECG378	PNP-Si, Pwr Driver, PO, Sw, Reg (Compl to ECG377)	80	80	5	10	50	50	60 min	TO-220	T41
ECG379	NPN-Si, HV Hi Speed Pwr Sw	700	400	9	12	100	4 min	20 typ	TO-220	T41
ECG380 ECG380MP*	NPN-Si, AF Pwr Amp (Compl to ECG381)	150	120	5	7	80	6	60 typ	TB-33	T43
ECG381	PNP-Si, AF Pwr Amp (Compl to ECG380)	150	120	5	5	80	9	60 typ	TB-33	T43
ECG382	NPN-Si, AF Driver (Compl to ECG383)	120	100	5	1	.9 ($T_A = 25^\circ\text{C}$)	140	200 typ	TO-92M	T18
ECG383	PNP-Si, AF Driver (Compl to ECG382)	120	100	5	1	.9 ($T_A = 25^\circ\text{C}$)	140	200 typ	TO-92M	T18
ECG384	NPN-Si, Sw, Linear Amp	375	350	9	7	45	1 min	20 typ	TO-66	T25
ECG385	NPN-Si, HV Hi Speed Sw	550	350	6	10	150	---	20 typ	TO-3	T28
ECG386	NPN-Si, HV Hi Speed Sw	800	500	6	20	175	---	30 typ	TO-3	T28
ECG387 ECG387MP*	NPN-Si, Pwr Amp, Sw	180	150	6	50	250	30 min	70 Typ	TO-3	T28A
ECG388	NPN-Si, Hi Pwr AF Amp (Compl to ECG68)	400	250	5	16	250	4 min	30 typ	TO-3	T28
ECG389	NPN-Si, Horiz Output	1500	1500 (CES)	5	4	100	4 min	5 min	TO-3	T28
ECG390	NPN-Si, Pwr Amp, Hi Speed Sw (Compl to ECG391)	100	100	5	10	80	3	40 min	TO-3P (TO-218)	T48
ECG391	PNP-Si, Pwr Amp, Hi Speed Sw (Compl to ECG390)	100	100	5	10	80	3	40 min	TO-3P (TO-218)	T48
ECG392	NPN-Si, Pwr Amp, Hi Speed Sw (Compl to ECG393)	100	100	5	25	125	3	25 min	TO-3P (TO-218)	T48
ECG393	PNP-Si, Pwr Amp, Hi Speed Sw (Compl to ECG392)	100	100	5	25	125	3	25 min	TO-3P (TO-218)	T48
ECG394	NPN-Si, HV Pwr Amp, Sw	500	400	5	3	100	2.5	30 min	TO-3P (TO-218)	T48
ECG395	PNP-Si, Wide Band VHF/UHF Amp, Osc	30	25	3	50 mA	.360 ($T_A = 25^\circ\text{C}$)	2.3 GHz	25 min	TO-72	T4
ECG396	NPN-Si, Linear Amp & Hi Speed Sw (Compl to ECG397)	450	350	7	1	10	15 min	60 typ	TO-39	T6
ECG397	PNP-Si, Linear Amp & Hi Speed Sw (Compl to ECG396)	350	300	6	1	10	15 min	50 typ	TO-39	T6
ECG398	PNP-Si, Vertical Defl, Audio Amp (Compl to ECG375)	200	150	5	2	25	5	100 typ	TO-220	T41
ECG399	NPN-Si, HV Video Output	300	300	6	.1	.9 ($T_A = 25^\circ\text{C}$)	50 min	100 min	T-16	T20
ECG451 thru ECG467	See FET Selector Guide Page 1-57	---	---	---	---	---	---	---	---	---
ECG470	NPN-Si, RF PO, 2-30 MHz, 100 W, 12.5 V	36	18	4	20	250	---	10 min	RF-50F	T58
ECG471	NPN-Si, RF PO, 2-30 MHz, 100 W, 28 V	65	36	4	15	250	---	10 min	RF-50F	T58
ECG472	NPN-Si, RF Driver, PO, 136-174 MHz, 1.8 W	36	16	4	.400	5	400 min	20 min	TO-39	T6
ECG473	NPN-Si, RF Driver, PO, 136-174 MHz, 2.2 W	36	18	4	1	7	---	10 min	TO-39	T6

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CBO}	Collector To Emitter Volts BV _{CEO}	Base to Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG474	NPN-Si, RF PO, 88 MHz, 6 W, 174 MHz, 3 W	36	18	4	.600	9.5	---	5 min	TO-202EC	T40
ECG475	NPN-Si, RF PO, 136-174 MHz, 7 W	36	18	4	1.5	11.5	350	10 typ	TO-60	T56
ECG476	NPN-Si, RF PO, 136-174 MHz, 12 W	36	18	4	3	23	350	10 typ	TO-60	T56
ECG477	NPN-Si, RF PO, 136-174 MHz, 45 W	36	18	4	6	75	---	20 typ	RF-50F6	T60
ECG478	NPN-Si, RF PO, 136-174 MHz, 100 W	36	18	4	15	270	---	10 min	RF-50F6	T60
ECG479	NPN-Si, RF PO, 407-512 MHz, 1.8 W	36	14	3.5	.400	3.5	---	20 min	TO-39	T6
ECG480	NPN-Si, RF PO, 407-512 MHz, 40 W	36	16	4	8	145	---	20 min	RF-50F6	T60
ECG481	NPN-Si, RF PO, 806-870 MHz, 6 W	36	16	4	5	28	---	20 min	RF-38F6B	T61
ECG482	NPN-Si, RF PO, 806-870 MHz, 15 W	36	16	4	7	46	---	20 min	RF-23F6E	T63
ECG483	NPN-Si, RF PO, 806-870 MHz, 18 W	36	16	4	7	46	---	20 min	RF-38F6B	T61
ECG484	NPN-Si, RF PO, 806-870 MHz, 25 W	36	16	4	10	75	---	20 min	RF-38F6B	T61
ECG485	NPN-Si, RF PO, 806-870 MHz, 25 W	36	18	4	7.5	70	---	15 min	RF-23F6	T62
ECG486	NPN-Si, RF Multiplier Amp, 407-512 MHz, .75 W	35	20	4	.15	2.5	1800 min	20 min	TO-39	T6
ECG487	NPN-Si, RF Multiplier Amp, 136-174 MHz, 1 W	36	18	4	.400	5	400 min	20 min	TO-39A	T8
ECG488	NPN-Si, RF PO, Driver, 136-174 MHz, 4 W	36	18	4	.800	8	---	5 min	TO-39EG	T9
ECG2300	NPN-Si, HV Horiz Output, Sw, t _f = .7 μsec typ	1500	700	6	8	125	7	5	TO-3P (TO-218)	T48
ECG2301	NPN-Si, HV Horiz Output, Sw, t _f = .4 μsec typ	1500	750	5	5	100	4	5	TO-3P (TO-218)	T48
ECG2302	NPN-Si, Horiz Output/Damper Diode, t _f = .7 μsec max	1500	800	7	5	120	3	8 min	TO-3PJ	T48-1
ECG2303	NPN-Si, Horiz Output, Sw, t _f = .65 μsec typ	1500	750	5	2.5	65	4	4	TO-220	T41
ECG2304	NPN-Si, Hi Speed Sw, Amp, t _f = .1 μsec typ (Compl to ECG2314)	60	50	6	15	90	20	100 min	TO-3PJ	T48-1
ECG2305	NPN-Si, Pwr Amp, Sw, t _f = 1.2 μsec typ (Compl to ECG2306)	160	160	7	16	125	1 min	60 min	TO-3P (TO-218)	T48
ECG2306	PNP-Si, Pwr Amp, Sw, t _f = 1.2 μsec typ (Compl to ECG2305)	160	160	7	16	125	1 min	60 min	TO-3P (TO-218)	T48
ECG2307	NPN-Si, Hi Gain Amp, Series Pass	200	180	5	5	80	---	500 min	TO-3PJ	T48-1
ECG2308	NPN-Si, Hi Speed Sw, Series Pass, t _f = 1 μsec max	500	400	7	12	100	20	15 min	TO-3PJ	T48-1
ECG2309	NPN-Si, HV Hi Speed Sw, t _f = .7 μsec max	900	800	7	6	100	15	10 min	TO-3PJ	T48-1
ECG2310	NPN-Si, HV Hi Speed Sw, t _f = .8 μsec max	1000	450	9	8	125	---	10 min	TO-3P (TO-218)	T48
ECG2311	NPN-Si, HV Hi Speed Sw, Hi Current, t _f = .3 μsec typ	1000	450	7	15	150	---	10	TO-3P (TO-218)	T48

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CEO}	Base To Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG2312	NPN-Si, HV Hi Speed Sw, t _f = 0.7 μsec typ	700	400	9	8	80	4 min	5 min	TO-220	T41
ECG2313	NPN-Si, HV Hi Speed Sw, t _f = 0.4 μsec typ	1000	450	5	2	40	20 typ	50 typ	TO-220	T41
ECG2314	PNP-Si, Hi Speed Sw, t _f = 0.1 μsec typ (Compl to ECG2304)	60	50	6	15	90	20	100 min	TO-3PJ	T48-1
ECG2315	NPN-Si, Darlington w/Damper Diode, HV Hi Speed Sw, t _f = .2 μsec typ	400	200	6	8	60	---	100 min	TO-220	T41
ECG2316	NPN-Si, Darlington Driver w/Damper Diode, HV Pwr Amp	500	450	5	10	105	---	100 min	TO-3P (TO-218)	T48
ECG2317	NPN-Si, Darlington Driver w/Damper Diode, HV Hi Current Amp	500	450	5	15	105	---	40 min	TO-3P (TO-218)	T48
ECG2318	NPN-Si, HV, Horiz Output w/Damper Diode, t _f = 0.7 μsec typ	1500 (CES)	700	6	8	125	7	5 typ	TO-3P (TO-218)	T48
ECG2319	NPN-Si, HV, Hi Speed Sw, Hi Current, t _f = .27 μsec typ	850 (CES)	450	5	15	175	---	6 min	TO-3	T28
ECG2320	NPN/PNP-Si, Quad Discrete Compl Pair, Sw, t _{on} = 30 ns, t _{off} = 225 ns typ	60	30	5	.5	1 unit 3 total	350	100 min	14-Pin DIP	T66
ECG2321	NPN-Si, Quad Gen Purp Amp, Sw, t _{on} = 25 ns, t _{off} = 250 ns typ	60	40	5	.5	.65 unit 1.9 total	350	100 min	14-Pin DIP	T66
ECG2322	PNP-Si, Quad Gen Purp Amp, Sw, t _{on} = 30 ns, t _{off} = 225 ns typ	60	40	5	.5	.65 unit 1.9 total	350	100 min	14-Pin DIP	T66
ECG2323	NPN-Si, Quad HV Amp, Driver	200	200	5	.5	.75 unit 1.7 total	80	60	14-Pin DIP	T66
ECG2326	NPN-Si, Darlington w/Damper Diode, Sw, t _f = 1.2 μsec typ	150	100	7	8	40	---	3K min	TO-220F	T42-1
ECG2327	NPN-Si, HV, Hi Speed Sw, t _f = 0.4 μsec typ	1000	450	5	.5	20	20	50 typ	TO-126	T45
ECG2328	NPN-Si, HV AF Pwr Amp (Compl to ECG2329)	200	200	5	15	150	30	55 min	TO-3PL	T48-2
ECG2329	PNP-Si, HV AF Pwr Amp (Compl to ECG2328)	200	200	5	15	150	30	55 min	TO-3PL	T48-2
ECG2330	NPN-Si, Hi Gain Amp, Regulator w/Int. Zener Cntrl	55 + 15 - 10	55 + 15 - 10	5	4	80	---	500 min	TO-3PJ	T48-1
ECG2332	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, t _f = .5 μsec	60 ± 10	60 ± 10	6	2	20	180	4K typ	TO-220	T41
ECG2334	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, t _f = 1.5 μsec	60 ± 10	60 ± 10	6	5	40	20	4K typ	TO-220	T41
ECG2336	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, t _f = 1 μsec	60 ± 10	60 ± 10	7	8	45	---	2K min	TO-220J	T41-1
ECG2338	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, t _f = 1 μsec	60 ± 10	60 ± 10	8	2	10	---	4K min	TO-126	T45
ECG2340	NPN-Si, Darlington w/Damper Diode, Int. Zener Cntrl, Drvr, Sw, t _f = 1 μsec	60 ± 10	60 ± 10	7	8	45	---	2K min	TO-126N	T45-1
ECG2341	NPN-Si, Darlington, Driver, Sw, t _{off} = 1.5 μsec (Compl to ECG2342)	90	80 (CER)	5	1	.800	---	2K min	TO-92	T16
ECG2342	PNP-Si, Darlington, Driver, Sw, t _{off} = 1.5 μsec (Compl to ECG2341)	90	80 (CER)	5	1	.800	---	2K min	TO-92	T16

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV_{CB0}	Collector To Emitter Volts BV_{CE0}	Base to Emitter Volts BV_{EB0}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG2343	NPN-Si, Darlington Pwr Amp, $S_w, t_{off} = 6 \mu\text{sec typ}$ (Compl to ECG2344)	120	120	5	12	125	---	1K min	TO-220	T41
ECG2344	PNP-Si, Darlington Pwr Amp, $S_w, t_{off} = 2.5 \mu\text{sec typ}$ (Compl to ECG2343)	120	120	5	12	125	---	1K min	TO-220	T41
ECG2345	NPN-Si, Darlington Pwr Amp, $S_w, t_{off} = 5 \mu\text{sec typ}$ (Compl to ECG2346)	120	120	5	6	60	---	750 min	SOT-82	T45-2
ECG2346	PNP-Si, Darlington Pwr Amp, $S_w, t_{off} = 5 \mu\text{sec typ}$ (Compl to ECG2345)	120	120	5	6	60	---	750 min	SOT-82	T45-2
ECG2349	NPN-Si, Darlington, Hi Current, Gen Purp Amp (Compl to ECG2350)	120	120	5	50	300	---	1000 min	TO-3	T28-1
ECG2350	PNP-Si, Darlington, Hi Current, Gen Purp Amp (Compl to ECG2349)	120	120	5	50	300	---	1000 min	TO-3	T28-1
ECG2355	NPN-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2356)	50	50	10	.100	.300	250	30 min	SP-92	T13-1
ECG2356	PNP-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2355)	50	50	10	.100	.300	250	30 min	SP-92	T13-1
ECG2357	NPN-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2358)	50	50	10	.100	.300	250	50 min	SP-92	T13-1
ECG2358	PNP-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2357)	50	50	10	.100	.300	250	50 min	SP-92	T13-1
ECG2359	NPN-Si, Digital w/Base Resistor (47K), Sw, Driver (Compl to ECG2360)	50	50	10	.100	.300	250	65 min	SP-92	T13-1
ECG2360	PNP-Si, Digital w/Base Resistor (47K), Sw, Driver (Compl to ECG2359)	50	50	10	.100	.300	250	65 min	SP-92	T13-1
ECG2380 thru ECG2384	See FET Selector Guide Page 1-59	---	---	---	---	---	---	---	---	---
ECG2386	See FET Selector Guide Page 1-59	---	---	---	---	---	---	---	---	---
ECG2388	See FET Selector Guide Page 1-59	---	---	---	---	---	---	---	---	---
ECG2390	See FET Selector Guide Page 1-59	---	---	---	---	---	---	---	---	---
ECG2392	See FET Selector Guide Page 1-59	---	---	---	---	---	---	---	---	---
ECG2401	PNP-Si, RF Amp, Osc, Mixer, VHF/FM	30	30	4	25 mA	.300	450 typ	---	SOT-23	T20-4
ECG2402	NPN-Si, Lo Noise, UHF/VHF Amp, G_{pE} 15 dB Typ (Compl to ECG2403)	20	15	2	25 mA	.200	5 GHz	40 min	SOT-23	T20-4
ECG2403	PNP-Si, Lo Noise, UHF/VHF Amp, G_{pE} 18 dB Typ (Compl to ECG2402)	20	15	2	25 mA	.200	5 GHz	20 min	SOT-23	T20-4
ECG2404	NPN-Si, Darlington, Gen Purp Amp, Preamp, Driver (Compl to ECG2405)	40	30	10	.300	.350	220	4K min	SOT-23	T20-4
ECG2405	PNP-Si, Darlington, Gen Purp Amp, Preamp, Driver (Compl to ECG2404)	40	30	10	.300	.350	220	4K min	SOT-23	T20-4

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Package Outlines - See Page 1-76

Transistors (cont'd) (Maximum Ratings at T_C = 25°C Unless Otherwise Noted)

ECG Type	Description and Application	Collector To Base Volts BV _{CB0}	Collector To Emitter Volts BV _{CEO}	Base to Emitter Volts BV _{EB0}	Max. Collector Current I _C Amps	Max. Device Diss. P _D Watts	Freq. in MHz f _t	Current Gain h _{FE}	Package	
									Case	Fig. No.
ECG2406	NPN-Si, AF/RF Amp, Driver, Sw, t _f = 60 nsec (Compl to ECG2407)	75	40	5	.800	.425	300	100 min	SOT-23	T20-4
ECG2407	PNP-Si, AF/RF Amp, Driver, Sw, t _f = 30 nsec (Compl to ECG2406)	60	60	5	.600	.425	200	100 min	SOT-23	T20-4
ECG2408	NPN-Si, Gen Purp Amp, Lo Noise, AF/RF (Compl to ECG2409)	80	65	5	.100	.200	300	300 typ	SOT-23	T20-4
ECG2409	PNP-Si, Gen Purp Amp, Lo Noise, AF/RF (Compl to ECG2408)	80	65	5	.100	.200	150	350 typ	SOT-23	T20-4
ECG2410	NPN-Si, Gen Purp, HV, Driver, Amp (Compl to ECG2411)	180	160	6	.600	.350	300	80 min	SOT-23	T20-4
ECG2411	PNP-Si, Gen Purp, HV, Driver, Amp (Compl to ECG2410)	160	150	5	.600	.350	300	60 min	SOT-23	T20-4
ECG2412	NPN-Si, Gen Purp, HV Amp (Compl to ECG2413)	300	300 (CER)	5	50 mA	.310	60	50 min	SOT-23	T20-4
ECG2413	PNP-Si, Gen Purp, HV Amp (Compl to ECG2412)	300	300 (CER)	5	50 mA	.310	60	50 min	SOT-23	T20-4
ECG2414	NPN-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2415)	50	50	10	.100	.200	250	30 min	SOT-23	T20-4
ECG2415	PNP-Si, Digital w/Base Resistor (10K), Sw, Driver (Compl to ECG2414)	50	50	10	.100	.200	250	30 min	SOT-23	T20-4
ECG2416	NPN-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2417)	50	50	10	.100	.200	250	50 min	SOT-23	T20-4
ECG2417	PNP-Si, Digital w/Base Resistor (22K), Sw, Driver (Compl to ECG2416)	50	50	10	.100	.200	250	50 min	SOT-23	T20-4
ECG2418	NPN-Si, Digital w/Base Resistor (47K), Sw, Driver, (Compl to ECG2419)	50	50	10	.100	.200	250	65 min	SOT-23	T20-4
ECG2419	PNP-Si, Digital w/Base Resistor (47K), Sw, Driver, (Compl to ECG2418)	50	50	10	.100	.200	250	65 min	SOT-23	T20-4
ECG2426	NPN-Si, Darlington Driver, Sw, toff = 1.5 μsec (Compl to ECG2427)	90	80 (CER)	5	.500	1	---	2K min	SOT-89	T20-5
ECG2427	PNP-Si, Darlington Driver, Sw, toff = 1.5 μsec (Compl to ECG2426)	90	80 (CER)	5	.500	1	---	2K min	SOT-89	T20-5
ECG2428	NPN-Si, Gen Purp Amp, Sw, toff = 1.0 μsec (Compl to ECG2429)	90	80	5	1	1	100	100 min	SOT-89	T20-5
ECG2429	PNP-Si, Gen Purp Amp, Sw, toff = 0.7 μsec (Compl to ECG2428)	90	80	5	1	1	100	100 min	SOT-89	T20-5
ECG2430	NPN-Si, HV, Gen Purp Amp (Compl to ECG2431)	400	350	5	1	1	70	40 min	SOT-89	T20-5
ECG2431	PNP-Si, HV, Gen Purp Amp (Compl to ECG2430)	350	300	4	1	1	15	30 min	SOT-89	T20-5

Notes: * MP - Matched pair

Frequency at which common emitter current gain is 70.0% of low frequency gain

• When alternate packages are shown it indicates a change is in progress. Although only one package is available both packages will be shown as long as the obsolete package may be encountered in the field.

Package Outlines - See Page 1-76

Complementary Pairs

NPN Type	PNP Type
ECG11	ECG12
ECG16	ECG17
ECG18	ECG19
ECG20	ECG21
ECG24	ECG25
ECG29	ECG30
ECG31	ECG32
ECG33	ECG34
ECG36	ECG37
ECG49	ECG50
ECG54	ECG55
ECG58	ECG59
ECG60	ECG61
ECG87	ECG88
ECG90	ECG91
ECG92	ECG93
ECG103	ECG102
ECG103A	ECG102A
ECG123AP	ECG159
ECG128	ECG129
ECG128P	ECG129P
ECG130	ECG219
ECG152	ECG153
ECG155	ECG131

NPN Type	PNP Type
ECG157	ECG39
ECG171	ECG296
ECG175	ECG38
ECG181	ECG180
ECG182	ECG183
ECG184	ECG185
ECG186	ECG187
ECG186A	ECG187A
ECG188	ECG189
ECG191	ECG240
ECG192	ECG193
ECG192A	ECG193A
ECG196	ECG197
ECG210	ECG211
ECG241	ECG242
ECG243	ECG244
ECG245	ECG246
ECG247	ECG248
ECG249	ECG250
ECG251	ECG252
ECG253	ECG254
ECG257	ECG258
ECG259	ECG260
ECG261	ECG262

NPN Type	PNP Type
ECG263	ECG264
ECG268	ECG269
ECG270	ECG271
ECG272	ECG273
ECG274	ECG275
ECG280	ECG281
ECG284	ECG285
ECG287	ECG288
ECG289A	ECG290A
ECG291	ECG292
ECG293	ECG294
ECG297	ECG298
ECG300	ECG307
ECG324	ECG323
ECG331	ECG332
ECG373	ECG374
ECG375	ECG398
ECG377	ECG378
ECG380	ECG381
ECG382	ECG383
ECG388	ECG68
ECG390	ECG391
ECG392	ECG393

NPN Type	PNP Type
ECG396	ECG397
ECG2304	ECG2314
ECG2305	ECG2306
ECG2328	ECG2329
ECG2341	ECG2342
ECG2343	ECG2344
ECG2345	ECG2346
ECG2349	ECG2350
ECG2355	ECG2356
ECG2357	ECG2358
ECG2359	ECG2360
ECG2402	ECG2403
ECG2404	ECG2405
ECG2406	ECG2407
ECG2408	ECG2409
ECG2410	ECG2411
ECG2412	ECG2413
ECG2414	ECG2415
ECG2416	ECG2417
ECG2418	ECG2419
ECG2426	ECG2427
ECG2428	ECG2429
ECG2430	ECG2431

Matched Complementary Pairs — Contains one each of NPN and PNP Type

ECG Type	Contains One Each	
	NPN Type	PNP Type
ECG37MCP	ECG36	ECG37
ECG55MCP	ECG54	ECG55
ECG61MCP	ECG60	ECG61
ECG68MCP	ECG388	ECG68
ECG88MCP	ECG87	ECG88
ECG93MCP	ECG92	ECG93
ECG129MCP	ECG128	ECG129
ECG153MCP	ECG152	ECG153
ECG159MCP	ECG123AP	ECG159

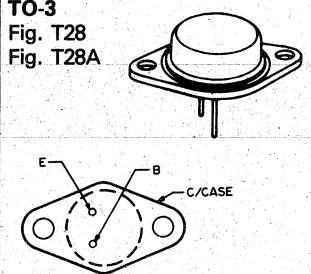
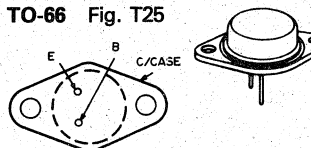
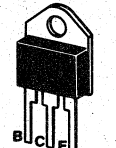
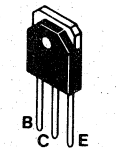
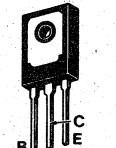
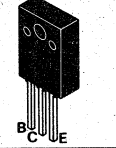
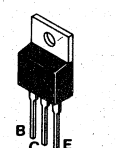
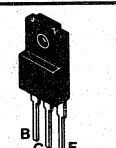
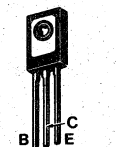
ECG Type	Contains One Each	
	NPN Type	PNP Type
ECG180MCP	ECG181	ECG180
ECG185MCP	ECG184	ECG185
ECG219MCP	ECG130	ECG219
ECG281MCP	ECG280	ECG281
ECG285MCP	ECG284	ECG285
ECG290AMCP	ECG289A	ECG290A
ECG292MCP	ECG291	ECG292
ECG332MCP	ECG331	ECG332

ECG304A Kit

ECG Type	Qty.	ECG Type	Qty.
ECG102	1	ECG154	1
ECG103A	2	ECG157	1
ECG107	1	ECG158	2
ECG108	2	ECG159	5
ECG121	2	ECG160	1
ECG123AP	10	ECG161	2
ECG124	1	ECG171	1
ECG128	4	ECG175	1
ECG129	2	ECG186	1
ECG130	2	ECG196	2
ECG152	2	ECG198	1
ECG153	1	ECG199	2

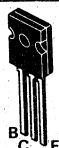

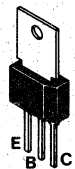
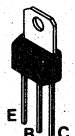
1 - ECG212 Cross Reference Guide and current supplement packed with each kit.

Darlington Power Transistors Maximum Ratings at $T_C = 25^\circ\text{C}$

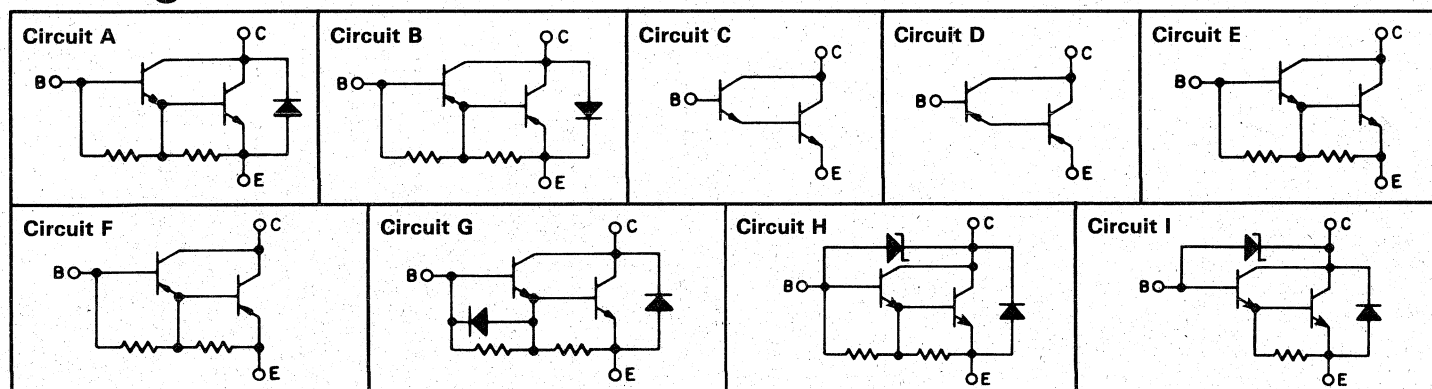
Description		Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Emitter To Base Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Base Current I_B mA	Max. Device Diss. P_D Watts	Typ Current Gain h_{FE}	NPN/PNP Equivalent Circuit	Package Case/Fig./Basing
NPN	PNP									
ECG243	ECG244	80	80	5	8	120	100	3,000	A/B	TO-3 Fig. T28 Fig. T28A 
ECG245	ECG246	80	80	5	10	200	150	4,000	A/B	
ECG247	ECG248	100	100	5	12	200	150	3,500	A/B	
ECG249	ECG250	100	100	5	16	500	150	3,500	A/B	
ECG251	ECG252	100	100	5	20	500	160	2,400	A/B	
ECG2349	ECG2350	120	120	5	50	2000	300	1,000 min	A/B	
ECG97	---	500	400	8	10	2500	150	40 min	G	
ECG99	---	600	400	8	50	10,000	250	25 min	G	
ECG98	---	700	500	8	20	2500	175	40 min	G	
ECG274	ECG275	80	80	5	4	80	50	3,000	A/B	TO-66 Fig. T25 
ECG256	---	450	400	8	20	2500	150	30 min	G	TO-3P (TO-218) Fig. T48 TAB CONNECTS TO COLLECTOR 
ECG270	ECG271	100	100	5	10	500	125	1,000 min	E/F	
ECG2316	---	500	450	5	10	5000	105	100 min	A	
ECG2317	---	500	450	5	15	1000	105	40 min	A	
ECG214	---	70	60	6	10	---	60	2,000 min	A	TO-3PJ Fig. T48-1 TAB CONNECTS TO COLLECTOR 
ECG215	---	110	100	6	8	---	60	1,500 min	A	
ECG257	ECG258	80	80	5	5	100	70	750 min	A/B	TO-127 Fig. T46 METAL CONTACT CONNECTS TO COLLECTOR 
ECG259	ECG260	100	100	5	8	120	75	2,500	A/B	
ECG2326	---	150	100	7	8	800	40	3,000 min	A	TO-220F Fig. T42-1 METAL CONTACT CONNECTS TO COLLECTOR 
ECG2332	---	60 ± 10	60 ± 10	6	2	400	20	4,000 typ	H	TO-220 Fig. T41 TAB CONNECTS TO COLLECTOR 
ECG2334	---	60 ± 10	60 ± 10	6	5	500	40	4,000 typ	H	
ECG261	ECG262	100	100	5	8	250	65	1,000 min	A/B	
ECG263	ECG264	100	100	5	10	250	65	1,000 min	A/B	
ECG2343	ECG2344	120	120	5	12	500	125	1,000 min	A/B	
ECG2315	---	400	200	6	8	2000	60	100 min	G	
ECG2336	---	60 ± 10	60 ± 10	7	8	---	45	2,000 min	I	TO-220J Fig. T41-1 
ECG2338	---	60 ± 10	60 ± 10	8	2	200	10	4,000 min	H	TO-126 Fig. T45 METAL CONTACT CONNECTS TO COLLECTOR 
ECG253	ECG254	80	80	5	4	100	40	2,000	A/B	

Package Outlines - See Page 1-76

Darlington Power Transistors (cont'd)




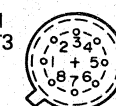
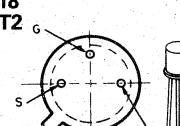
Description		Collector To Base Volts V_{CB0}	Collector To Emitter Volts V_{CE0}	Emitter To Base Volts V_{EB0}	Max. Collector Current I_C Amps	Max. Base Current I_B mA	Max. Device Diss. P_D Watts	Typ Current Gain h_{FE}	NPN/PNP Equivalent Circuit	Package
NPN	PNP									Case/Fig./Basing
ECG2345	ECG2346	120	120	5	6	150	60	750 min	A/B	SOT-82 Fig. T45-2 METAL CONTACT CONNECTS TO COLLECTOR 
ECG2340	---	60 ± 10	60 ± 10	7	8	---	45	2,000 min	I	TO-126N Fig. T45-1 METAL CONTACT CONNECTS TO COLLECTOR 
ECG265	---	50	50	13	0.5	---	6.25	10,000 min	C	TO-202 Fig. T38 TAB CONNECTS TO COLLECTOR 
ECG266	---	50	50	13	0.5	---	6.25	40,000 min	C	
ECG267	---	30	30	13	0.5	---	6.25	90,000 min	C	
ECG268	ECG269	50	50	13	2	---	10	1,000 min	C/D	
ECG272	ECG273	50	40	12	2	---	10	25,000 min	C/D	TO-202N Fig. T36 TAB CONNECTS TO COLLECTOR 

Darlington Power Transistor Circuits



Package Outlines - See Page 1-76

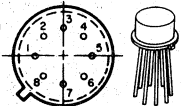
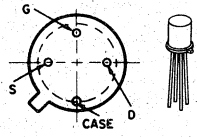
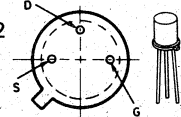

Field Effect Transistors Maximum Ratings at T_A = 25°C (Observe MOS Handling) ▲

ECG Type	Description and Application	Trans-conductance gfs Typ μ mhos	Gate to Source Cutoff Voltage VGS (off) Max V	Zero-Gate Voltage Drain Current IDSS mA Min - Max	Gate To Source Breakdown Voltage BVGS Min V	Input Cap Ciss Max pf	Transfer Cap Crss Max pf	Device Diss. PD Max mW	Package																																													
									Case/Fig./Basing																																													
ECG220 ▲	MOSFET, N-Ch, VHF Amp/ Mix, NF 5dB Max at 200 MHz	7,500	8	5 - 25	20	7	0.35	330	TO-72 Fig. T4 																																													
ECG221 ▲	Dual Gate MOSFET, N-Ch, VHF Amp/Mix, NF 5dB Max at 200 MHz	15,000	6	18 typ	20	5.5	0.03	400																																														
ECG222 ▲	Dual Gate MOSFET, N-Ch, VHF Amp/Mix, NF 6dB Max at 200 MHz Gate Protected	12,000	4	5 - 35	20	6 typ	0.03	330																																														
ECG452	JFET, N-Ch, UHF/VHF Amp, NF 4dB at 400 MHz	5,500	6	5 - 15	30	4	0.8	300																																														
ECG454 ▲	Dual Gate MOSFET, N-Ch, UHF/VHF Amp, NF 7dB at 900 MHz Gate Protected	15,000	4	6 - 30	25	---	0.03	360																																														
ECG456	JFET, N-Ch, Gen Purp Amp/ Sw	3,500	6	2 - 6	30	6	2	300																																														
ECG459	JFET, N-Ch, AF Amp/ Chopper/Sw	4,500	6	2 - 10	50	6	3	300	<table><tr><th>ECG</th><th>1</th><th>2</th><th>3</th><th>4</th></tr><tr><td>220</td><td>D</td><td>S</td><td>G</td><td>CASE</td></tr><tr><td>221</td><td>D</td><td>G2</td><td>G1</td><td>S, CASE</td></tr><tr><td>222</td><td>D</td><td>G2</td><td>G1</td><td>S, CASE</td></tr><tr><td>452</td><td>S</td><td>D</td><td>G</td><td>CASE</td></tr><tr><td>454</td><td>D</td><td>G2</td><td>G1</td><td>S, CASE</td></tr><tr><td>456*</td><td>D</td><td>S</td><td>G</td><td>CASE</td></tr><tr><td>459*</td><td>S</td><td>D</td><td>G</td><td>CASE</td></tr><tr><td>460*</td><td>S</td><td>G</td><td>D</td><td>CASE</td></tr></table> * D & S Interchangeable	ECG	1	2	3	4	220	D	S	G	CASE	221	D	G2	G1	S, CASE	222	D	G2	G1	S, CASE	452	S	D	G	CASE	454	D	G2	G1	S, CASE	456*	D	S	G	CASE	459*	S	D	G	CASE	460*	S	G	D	CASE
ECG	1	2	3	4																																																		
220	D	S	G	CASE																																																		
221	D	G2	G1	S, CASE																																																		
222	D	G2	G1	S, CASE																																																		
452	S	D	G	CASE																																																		
454	D	G2	G1	S, CASE																																																		
456*	D	S	G	CASE																																																		
459*	S	D	G	CASE																																																		
460*	S	G	D	CASE																																																		
ECG460	JFET, P-Ch, AF Amp	2,500	6	2 - 6	20	20	---	300																																														
ECG312	JFET, N-Ch, VHF Amp/Mix NF 4dB Max at 400 MHz	5,500	6	5 - 15	30	4.5	1.0	360	TO-92 Fig. T16 																																													
ECG326	JFET, P-Ch, Gen Purp AF Amp, NF 2.5dB Max at 100 Hz	3,000	7.5	2 - 9	60	7	2	310																																														
ECG451	JFET, N-Ch, UHF/VHF Amp, NF 4dB at 400 MHz	4,000	4	4 - 10	25	5	1.2	310																																														
ECG453	JFET, N-Ch, VHF/FM Amp, NF 3.5dB at 100 MHz	7,000	---	12 - 24	18	---	0.65	200																																														
ECG457	JFET, N-Ch, Gen Purp Amp/ Sw	3,000	5	1 - 5	25	6	3	310																																														
ECG458	JFET, N-Ch, Gen Purp, Lo Noise Audio Amp	12,000	1.5	1 - 3	50	13 (typ)	2.6 (typ)	250																																														
ECG455 ▲	Dual Gate MOSFET, N-Ch, TV UHF RF Amp, 900 MHz Gate Protected	22,000	G1=2 G2=0.7	0.5 - 8 (VG2S=4V)	20 (BV DSX)	3.5	0.03	200	RF-15A Fig. T49-1 																																													
ECG461	Matched Dual JFET, N-Ch, DC Amp/Sampler/Chopper	3,500	4.5	0.5 - 8	50	6	2	400	TO-71 Fig. T3  1. S1 4. Blank 7. G2 2. D1 5. S2 8. Blank 3. G1 6. D2																																													
ECG462 ▲	MOSFET, N-Ch, AF Amp, NF 3.8dB at 1.0 kHz	2,250	7	2 - 6	20	8	0.8	300	TO-18 Fig. T2 																																													

▲ Refer to MOSFET Handling Precautions - Page 1-30

Package Outlines - See Page 1-76

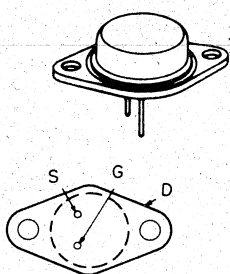
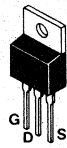
(Observe MOS Handling) ▲

ECG Type	Description and Application	Transconductance gfs μmhos	Gate to Source Cutoff Voltage V _{GS} (off) Max V	Zero-Gate Drain Current I _{DSS}	Drain Current I _D	Input Cap C _{iss} Max pf	Gate to Source Breakdown Voltage BV _{GSS} Min V	Drain to Source Resistance r _{DSS} (on) Max ohms	Device Diss. P _D Max mW	Package
										Case/Fig./Basing
ECG463 ▲	Dual MOSFET, P-Ch, Enhancement, Sw/DC Amp, Gate Protected	2,000 Min	6	0.2 mA Max (I _D off)	10 mA Min (on)	4	30	150	500	TO-99 Fig. T10  1. D1 5. G2 2. S1 6. S2 3. G1 7. D2 4. Base, Case 8. NC
ECG464 ▲	MOSFET, P-Ch, Enhancement, Sw, (Compl to ECG465)	1,000 Min	5	10 nA Max	3 mA Min (on)	5	25	600	300	TO-72 Fig. T4 
ECG465 ▲	MOSFET, N-Ch, Enhancement, Sw (Compl to ECG464)	1,000 Min	5	10 nA Max	3 mA Min (on)	5	25	300	300	
ECG466	JFET, N-Ch, Chopper/Sw	---	10	50 mA Min	250 pA Max (off)	18	40	25	360	TO-18 Fig. T2 
ECG467	JFET, N-Ch, Chopper/Fast Sw	---	---	50 mA Min	1.0 nA Max (off)	10	30	30	310	TO-92 Fig. T16 

▲ Refer to MOSFET Handling Precautions - Page 1-30

Package Outlines - See Page 1-76

Power MOSFETS

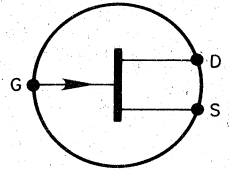
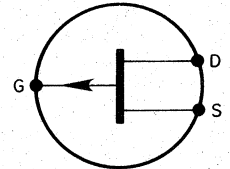
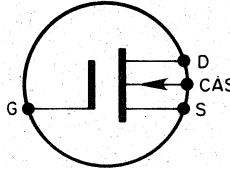
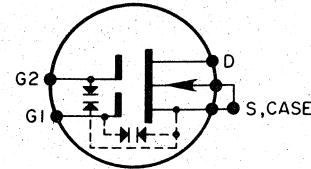
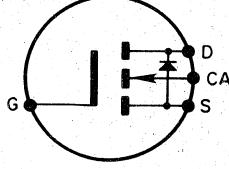
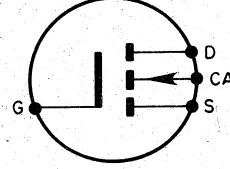
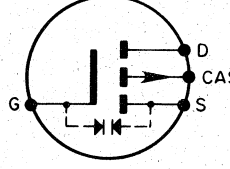
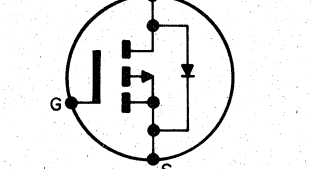
ECG Type	Description and Application	Transconductance g _{fs} mhos	Drain to Source Breakdown Voltage BV _{DSS}	Gate to Source Breakdown Voltage BV _{GS}	Continuous Drain Current I _D Amps	Gate to Source Cutoff Voltage V _{GS} (off)	Drain to Source Resistance r _{DS} (on) Ohms	Input Cap C _{iss} pf	Device Dissipation @T _C = 25°C P _D Watts	Package
										Case/Fig./Basing
ECG2392 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	6 Min	100 Min	± 20 Max*	32	4 Max	.06 Max	1500 Typ	125 Max	TO-3 Fig. T28 
ECG2386 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	2 Min	600 Min	± 20 Max*	6	4.5 Max	1.2 Max	1800 Max	150 Max	
ECG2384 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	1.8 Min	800 Min	± 20 Max*	6	4 Max	1.5 Max	3500 Max	125 Max	
ECG2390 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	3 Min	60 Min	± 20 Max*	12	4.5 Max	.2 Max	800 Max	75 Max	TO-220 Fig. T41 
ECG2382 ▲ (Compl to ECG2383)	MOSFET, N-Ch, Enhancement Hi Speed Switch	1.5 Min	100 Min	± 20 Max*	8	4 Max	.5 Max	750 Max	75 Max	
ECG2383 ▲ (Compl to ECG2382)	MOSFET, P-Ch, Enhancement Hi Speed Switch	2 Min	100 Min	± 20 Max*	8	4.5 Max	.4 Max	1200 Max	75 Max	
ECG66 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	3 Min	100 Min	± 20 Max*	12	4.5 Max	.18 Max	1200 Max	75 Max	
ECG2388 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	5 Min	200 Min	± 20 Max*	12.5	4 Max	.2 Max	1000 Typ	75 Max	
ECG67 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	2 Min	400 Min	± 20 Max*	5	4.5 Max	1.5 Max	1200 Max	75 Max	
ECG2380 ▲ (Compl to ECG2381)	MOSFET, N-Ch, Enhancement Hi Speed Switch	1 Min	500 Min	± 20 Max*	2	4.5 Max	4 Max	500 Max	75 Max	
ECG2381 ▲ (Compl to ECG2380)	MOSFET, P-Ch, Enhancement Hi Speed Switch	.5 Min	500 Min	± 20 Max*	2	4.5 Max	6 Max	1000 Max	75 Max	

* Warning - Exceeding BV_{GS} maximum will result in permanent damage to the gate region oxide layer.

Package Outlines - See Page 1-76

▲ Refer to MOSFET Handling Precautions - Page 1-30

FET and MOSFET Diagrams (Observe MOS Handling) ▲ (Page 1-30)

<p>Depletion N-Ch JFET</p>  <p><u>ECG</u> 312 456 451 457 461 (Dual) 452 458 466 453 459 467</p>	<p>Depletion P-Ch JFET</p>  <p><u>ECG</u> 326 460</p>	<p>Depletion N-Ch MOSFET</p>  <p><u>ECG</u> 220 462</p>	<p>Dual Gate Depletion N-Ch MOSFET</p>  <p><u>ECG</u> 221 222 (Gate Protected) 454 (Gate Protected) 455 (Gate Protected)</p>
<p>Enhancement N-Ch MOSFET</p>  <p><u>ECG</u> 66 2382 2388 67 2384 2390 2380 2386 2392</p>	<p>Enhancement N-Ch MOSFET</p>  <p><u>ECG</u> 465</p>	<p>Enhancement P-Ch MOSFET</p>  <p><u>ECG</u> 463 (Dual) (Gate Protected) 464</p>	<p>Enhancement P-Ch MOSFET</p>  <p><u>ECG</u> 2381 2383</p>

Surface Mount Transistors

Selector Guide

The following selector chart has been provided to aid in the servicing of equipment using surface mounted transistors.

The very small size of these devices makes it impossible to print the full part number on any surface. To overcome this problem, the various manufacturers use 1 to 3 digits (or alphabet) codes. However, since there are **no standard**

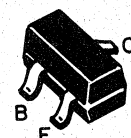
codes established between the manufacturers, it is difficult to determine the actual part number when there is no parts list or schematic to refer to.

This chart is provided merely as a guide of possible ECG selections by application when the above conditions exist.

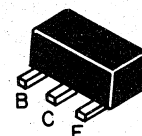
Typical Applications	ECG Type		NPN/ PNP	Case
	PS Voltage▲			
RF	12 V Or Less	24 V Or Less		
UHF Amp/Osc/Mixer	2402 2403		NPN PNP	SOT-23 SOT-23
UHF Amp/Osc/Mixer, Modulator	2401 2402	2401	PNP NPN	SOT-23 SOT-23
AM/FM Amp/Osc/Mixer, IF	2406 2407	2406 2407	NPN PNP	SOT-23 SOT-23
Multipurpose	30 V Or Less	60 V Or Less		
AF Preamps, Bias Amps, Sync Sep, Rec/ Playback Amps, Other Low-Noise High Gain Circuits	2408 2409 2404* 2405* 2426* 2427*	2408 2409 2426* 2427*	NPN PNP NPN PNP NPN PNP	SOT-23 SOT-23 SOT-23 SOT-23 SOT-89 SOT-89
AF Amp/Driver, Vert/Horiz Osc, AGC Amp, Relay/Solenoid Driver, Lamp Driver, DC Amp, General Purpose Switch, Squelch Amp, Telephone Ckts, Video Amp, Chroma Amp	2406 2407 2428 2429 2426* 2427*	2407 2428 2429 2426* 2427*	NPN PNP NPN PNP NPN PNP	SOT-23 SOT-23 SOT-89 SOT-89 SOT-89 SOT-89
High Voltage Circuit	150 V Or Less	300 V Or Less		
Video Out, Vert Deflection, HV Switch, Regulator Circuits	2410 2411	2412 2413 2430 2431	NPN PNP NPN PNP	SOT-23 SOT-23 SOT-89 SOT-89

Case Styles

SOT-23 Fig. T20-4



SOT-89 Fig. T20-5



Package Outlines - See Page 1-76

Digital Transistors

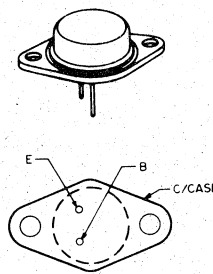
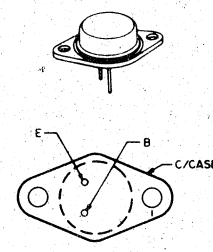
Typical Applications	ECG Type			NPN/ PNP	Case
	Input				
Inverters, Drivers, Interface, Switches	R = 10K	R = 22K	R = 47K		
	2414	2416	2418	NPN	SOT-23
	2415	2417	2419	PNP	SOT-23

▲ Circuit Power Supply Voltage

* Darlington Transistors


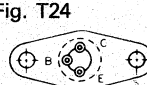
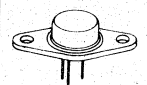
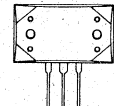
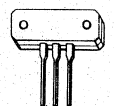
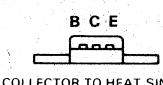

Silicon Power Transistors

(By Case Style and Increasing BVCEO) Maximum Ratings at $T_C = 25^\circ\text{C}$





Breakdown Voltage		Type		Application	Collector Current I_C (A)	Collector Diss. P_D (W)	Current Gain h_{FE}	Freq in MHz f_t	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
80	80	ECG29	ECG30	Hi Pwr Amp, Sw, $t_f = .3 \mu\text{sec}$ (typ)	50	300	20 min	2 min	TO-3 Fig. T28A 
100	60	ECG130	ECG219	Gen Purp, Pwr Amp	15	115	40 typ	.8	
100	100	ECG181	ECG180	Gen Purp, Pwr Amp	30	200	25 min	2 min	
140	140	ECG280	ECG281	Gen Purp, Pwr Amp	12	100	70 min	6	
140	140	ECG60	ECG61	Gen Purp, Pwr Amp	20	250	30 typ	2	
150	130	ECG328	---	Hi Speed Sw, Amp, $t_f = .5 \mu\text{s}$ (typ)	15	140	12 min 100 max	60	
180	150	ECG327	---	Hi Speed Sw, Amp, $t_f = .25 \mu\text{s}$ (max)	25	200	30 min 120 max	40	
180	150	ECG387	---	Hi Speed Sw, Amp, $t_f = .25 \mu\text{s}$ (max)	50	250	70 typ	30 min	
180	180	ECG284	ECG285	Gen Purp, Pwr Amp	16	150	70 min	6	
200	150	ECG86	---	Hi Gain Amp, DC Regulator	5	50	400 min	15	
250	250	ECG87	ECG88	Hi Pwr AF Amp	10	200	20 min	3	
300	300	ECG94	---	Gen Purp Amp, DC Regulator	5	100	90 typ	2.5 min	
400	250	ECG388	ECG68	Gen Purp, Hi Pwr Amp	16	250	30 typ	4 min	
500	300	ECG162	---	Gen Purp Linear, Vert Output	3 cont 10 peak	100	20 min	---	
550	350	ECG385	---	Hi Speed Sw, Amp, $t_f = .1 \mu\text{s}$ (typ)	10	150	20 typ	---	
700	700	ECG163A	---	Horiz Output Sw, $t_f = .4 \mu\text{s}$ (typ)	10 peak	100	10	---	
750	450	ECG52	---	HV, Hi Speed Sw, $t_f = .2 \mu\text{s}$ (typ)	5	125	10 typ	---	
800	325	ECG283	---	Horiz Output Sw, $t_f = 1 \mu\text{s}$ (max)	10	100	15 min	6	
800	500	ECG386	---	Hi Speed Sw, Amp, $t_f = .3 \mu\text{s}$ (typ)	20	175	30 typ	---	
850	400	ECG53	---	HV, Hi Speed Sw, $t_f = .7 \mu\text{s}$ (typ)	15	175	12 typ	6 min	
850	450	ECG2319	---	HV, Hi Speed Sw, Hi Current, $t_f = .27 \mu\text{s}$ (typ)	15	175	6 min	---	
1500	600	ECG89	---	Horiz Output/Damper Diode $t_f = .7 \mu\text{s}$ (typ)	7	50	5 min	---	
1500	700	ECG164	---	Gen Purp Linear, Vert	1	50	20	.5 min	
1500	1400	ECG165	---	Horiz Output Sw, $t_f = .7 \mu\text{s}$ (typ)	5	50	5 min	---	
1500	1500	ECG389	---	Horiz Output Sw, $t_f = .7 \mu\text{s}$ (typ)	4	100	5 min	4 min	
1500	1500	ECG238	---	Horiz Output Sw, $t_f = .7 \mu\text{s}$ (typ)	7	50	5	---	
2500	900	ECG62	---	HV, Horiz Output, $t_f = .7 \mu\text{s}$ (typ)	3	50	5 min	---	
90	80	---	ECG218	Gen Purp, Pwr Amp	3	25	20 min	3 min	TO-66 Fig. T25 
100	80	ECG57	---	Hi Gain Amp, Sw, Series Pass, $t_f = 2 \mu\text{s}$ (typ)	6	40	500 min	10	
300	250	ECG286	---	Horiz Output Sw, $t_f = 1 \mu\text{s}$ (typ)	2	25	100 min	8	
300	300	ECG124	---	HV Gen Purp, Pwr Amp	.150	20	100 typ	30	
375	350	ECG384	---	Hi Speed Sw, Amp, $t_f = .3 \mu\text{s}$ (typ)	7	45	20 typ	1 min	
500/400	300/350	ECG175	ECG38	Gen Purp, Pwr Amp	3	40	50 typ	10	
800	400	ECG369	---	Gen Purp Linear Amp, Sw, $t_f = 3.5 \mu\text{s}$ (typ)	3 peak	40	30 min	7	
1600	700	ECG321	---	Horiz Output Sw, $t_f = 1 \mu\text{s}$ (typ)	1.5	15 ($T_C = 70^\circ\text{C}$)	1.5 min	---	

Package Outlines - See Page 1-76


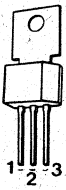


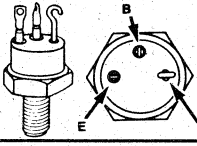
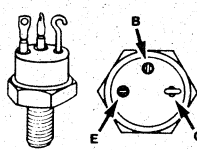
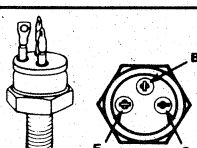
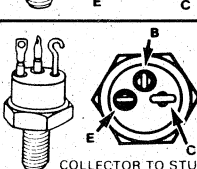
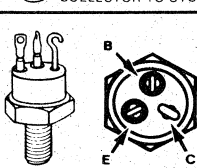
Silicon Power Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current I_c (A)	Collector Diss. PD (W)	Current Gain hFE	Freq in MHz ft	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
200	200	ECG2328	ECG2329	HV AF Pwr Amp	15	150	55 min	30	TO-3PL Fig. T48-2  Collector to Heat Sink
80	40	ECG237	---	RF Pwr Output	3	10	10 min	150 min	TO-39HS Fig. T24 
60	60	ECG224	---	RF Pwr Output	2	10	60 typ	200	TO-39F Fig. T23  E B (C FLANGE)
450	350	ECG225	---	Gen Purp, Pwr Amp	1	10	40 min	15	
200	200	ECG92	ECG93	Hi Pwr AF PO	15	150	120 typ	20	TB-35 Fig. T44-1  COLLECTOR TO HEAT SINK
200	200	ECG58	ECG59	Hi Pwr AF PO	17	200	20 min	20	
160	160	ECG33	ECG34	Hi Pwr AF PO	15	150	120 min	80	TB-34 Fig. T44  COLLECTOR TO HEAT SINK
150	120	ECG380	ECG381	Gen Purp, Pwr Amp	7	80	60 typ	9	TB-33 Fig. T43  COLLECTOR TO HEAT SINK
100	100	ECG390	ECG391	Hi Speed Sw, Amp, toff = 1 μ s (typ)	10	80	40 min	3	TO-3P (TO-218) Fig. T48  Collector to Heat Sink
100	100	ECG392	ECG393	Hi Speed Sw, Amp, toff = .7 μ s (typ)	25	125	25 min	3	
160	160	ECG2305	ECG2306	Power Amp, Sw, tf = 1.2 μ s (typ)	16	125	60 min	1 min	
500	400	ECG394	---	HV Pwr Amp, Sw, toff = 5 μ s (typ)	3	100	30 min	2.5	
1000	450	ECG2310	---	HV Hi Speed Sw, tf = .8 μ s (max)	8	125	10 min	---	
1000	450	ECG2311	---	HV Hi Current Hi Speed Sw, tf = .3 μ s (typ)	15	150	10	---	
1500	700	ECG2300	---	HV Horiz Output, Sw, tf = .7 μ s (typ)	8	125	5	7	
1500	700	ECG2318	---	HV, Horiz Output w/Damper Diode, tf = .7 μ s (typ)	8	125	5 typ	7	
1500	750	ECG2301	---	HV Horiz Output, Sw, tf = .4 μ s (typ)	5	100	5	4	

Silicon Power Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current I_C (A)	Collector Diss. PD (W)	Current Gain h_{FE}	Freq in MHz f_t	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
55 + 15 - 10	55 + 15 - 10	ECG2330	---	Hi Gain Amp, Regulator w/Int. Zener Control	4	80	500 min	---	TO-3PJ Fig. T48-1  Collector to Heat Sink
60	50	ECG2304	ECG2314	Hi Speed Sw, Amp, $t_f = .1 \mu s$ (typ)	15	90	100 min	20	
160	140	ECG36	ECG37	Gen Purp, Pwr Amp, Hi Speed Sw	12	100	60 min	15	
200	180	ECG2307	---	Hi Gain Amp, Series Pass	5	80	500 min	---	
500	400	ECG2308	---	Hi Speed Sw, Series Pass, $t_f = 1 \mu s$ (max)	12	100	15 min	20	
900	800	ECG2309	---	HV, Hi Speed Sw, $t_f = .7 \mu s$ (max)	6	100	10 min	15	
1500	800	ECG2302	---	HV, Horiz Output/Damper Diode, $t_f = .7 \mu s$ (max)	5	120	8 min	3	
100	80	ECG182	ECG183	Hi Speed Sw, Amp, $t_f = .4 \mu s$ (typ)	10	90	30 min	2	TO-127 Fig. T46  METAL CONTACT CONNECTS TO COLLECTOR
75	40	ECG295	---	RF Output Driver	1	5	20 min	150 min	TO-126 Fig. T45  METAL CONTACT CONNECTS TO COLLECTOR
80	80	ECG184	ECG185	Hi Speed Sw, Amp, $t_f = .34 \mu s$ (typ)	4	40	30 min	2	
180	160	ECG373	ECG374	Gen Purp, Pwr Amp	1.5	1 T_A 25°C 20 T_C 25°C	100 typ	140	
300	300	ECG157	ECG39	Gen Purp, HV Amp	.5	20.8	30 min	10	
1000	450	ECG2327	---	HV, Hi Speed Sw, $t_f = .4 \mu s$ (typ)	.5	20	50 typ	20	
60	60	ECG152	ECG153	Gen Purp, Pwr Amp	7	50	60 typ	10	TO-220 Fig. T41  TAB CONNECTS TO COLLECTOR
65	65	ECG235	---	RF Pwr Output	3 peak	12	40 min	200 min	
70	70	ECG236	---	RF Pwr Output	8 peak	25	20 min	100	
80	80	ECG241	ECG242	Gen Purp, Pwr Amp	4	60	25 min	2	
80	80	ECG377	ECG378	Hi Speed Sw, Amp, $t_f = .14 \mu s$ (typ)	10	50	60 min	50	
90	80	ECG196	ECG197	Gen Purp, Pwr Amp	7	50	20 min	.8	
100	80	ECG56	---	Gen Purp Amp, Sw, Series Pass, $t_f = 1.3 \mu s$ (typ)	3	30	500 min	15	
100	100	ECG331	ECG332	Gen Purp	15	90	40 typ	3 min	
130	120	ECG291	ECG292	Gen Purp, Pwr Amp	4	40	75 typ	4 min	
150	150	ECG54	ECG55	Gen Purp, Pwr Amp	8	50	100 typ	85	
200	150	ECG375	ECG398	Gen Purp Linear, Vert	3/2	25	150 typ	8	
300	300	ECG376	---	Gen Purp	.15	15	100 typ	80	
500	500	ECG198	---	HV Amp, Sw, $t_{off} = 2 \mu s$ (typ)	1	40	80 typ	20	
700	400	ECG51	---	HV, Hi Speed Sw, $t_f = .7 \mu s$ (typ)	4	75	25 typ	4 min	
700	400	ECG2312	---	HV, Hi Speed Sw, $t_f = .7 \mu s$ (typ)	8	80	5 min	4 min	
700	400	ECG379	---	Horiz Sw, $t_f = .7 \mu s$ (typ)	12	100	20 typ	4 min	
1000	450	ECG2313	---	HV, Hi Speed Sw, $t_f = .4 \mu s$ (typ)	2	40	50 typ	20 typ	
1500	750	ECG2303	---	Horiz Sw, $t_f = .65 \mu s$ (typ)	2.5	65	4	4	

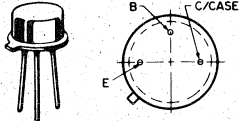
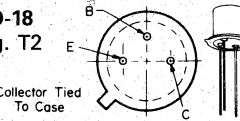
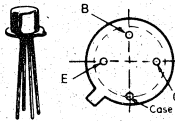
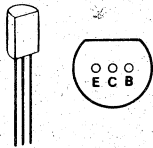
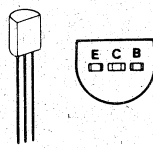
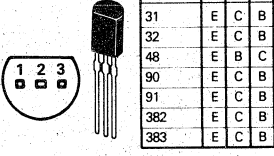
Silicon Power Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current I _c (A)	Collector Diss. PD (W)	Current Gain hFE	Freq in MHz f _t	Package																																																	
BVCBO	BVCEO	NPN	PNP						Case/Basing																																																	
50	40	ECG300	ECG307	Gen Purp	1.5	7	90 min	70	TO-202 Fig. T38 	<table><tr><th>ECG</th><th>1</th><th>2</th><th>3</th></tr><tr><td>49</td><td>E</td><td>B</td><td>C</td></tr><tr><td>50</td><td>E</td><td>B</td><td>C</td></tr><tr><td>186</td><td>B</td><td>C</td><td>E</td></tr><tr><td>187</td><td>B</td><td>C</td><td>E</td></tr><tr><td>299</td><td>C</td><td>B</td><td>E</td></tr><tr><td>300</td><td>C</td><td>B</td><td>E</td></tr><tr><td>307</td><td>C</td><td>B</td><td>E</td></tr><tr><td>171</td><td>E</td><td>B</td><td>C</td></tr><tr><td>210</td><td>E</td><td>B</td><td>C</td></tr><tr><td>211</td><td>E</td><td>B</td><td>C</td></tr><tr><td>296</td><td>E</td><td>B</td><td>C</td></tr></table>	ECG	1	2	3	49	E	B	C	50	E	B	C	186	B	C	E	187	B	C	E	299	C	B	E	300	C	B	E	307	C	B	E	171	E	B	C	210	E	B	C	211	E	B	C	296	E	B	C
ECG	1	2	3																																																							
49	E	B	C																																																							
50	E	B	C																																																							
186	B	C	E																																																							
187	B	C	E																																																							
299	C	B	E																																																							
300	C	B	E																																																							
307	C	B	E																																																							
171	E	B	C																																																							
210	E	B	C																																																							
211	E	B	C																																																							
296	E	B	C																																																							
70	60	ECG186	ECG187	Hi Speed Sw, t _f = .075 μs (typ)	3	12.5	80 typ	50																																																		
75	35	ECG299	---	RF Driver, Pwr Amp	1	4	10 min	200																																																		
90	75	ECG210	ECG211	Hi Speed Sw, t _f = .05 μs (typ)	1	6.25	120 min	200																																																		
125	100	ECG49	ECG50	Gen Purp, Pwr Amp	2	10	100 typ	150																																																		
300	300	ECG171	ECG296	Gen Purp, Amp, Video	.5	10	40 typ	75/50																																																		
36	18	ECG78	---	RF Amp, CB	.6	5	5 min	---	TO-202M Fig. T39 <table><tr><th>ECG</th><th>1</th><th>2</th><th>3</th><th>TAB</th></tr><tr><td>78</td><td>B</td><td>C</td><td>E</td><td>C</td></tr><tr><td>79</td><td>B</td><td>C</td><td>E</td><td>C</td></tr><tr><td>186A</td><td>B</td><td>C</td><td>E</td><td>C</td></tr><tr><td>187A</td><td>B</td><td>C</td><td>E</td><td>C</td></tr><tr><td>228A</td><td>E</td><td>B</td><td>C</td><td>C</td></tr></table> 	ECG	1	2	3	TAB	78	B	C	E	C	79	B	C	E	C	186A	B	C	E	C	187A	B	C	E	C	228A	E	B	C	C																			
ECG	1	2	3	TAB																																																						
78	B	C	E	C																																																						
79	B	C	E	C																																																						
186A	B	C	E	C																																																						
187A	B	C	E	C																																																						
228A	E	B	C	C																																																						
36	18	ECG79	---	RF Amp, CB	2	10	5 min	---																																																		
50	50	ECG186A	ECG187A	Gen Purp, Pwr Amp	3	10	80 min	150																																																		
450	350	ECG228A	---	Gen Purp, Linear Amp	1	10	40 typ	15																																																		
100	50	ECG302	---	RF Driver, Pwr Amp	1.5 peak	8	200 min	80	TO-202J Fig. T37 <table><tr><th>ECG</th><th>1</th><th>2</th><th>3</th></tr><tr><td>80</td><td>B</td><td>C</td><td>E</td></tr><tr><td>302</td><td>E</td><td>B</td><td>C</td></tr><tr><td>306</td><td>B</td><td>C</td><td>E</td></tr></table> 	ECG	1	2	3	80	B	C	E	302	E	B	C	306	B	C	E																																	
ECG	1	2	3																																																							
80	B	C	E																																																							
302	E	B	C																																																							
306	B	C	E																																																							
100	50	ECG306	---	RF Driver, Pwr Amp	1.5 peak	8	200 min	80																																																		
700	300	ECG80	---	HV Sw, Horiz Driver	1	8	50 typ	13																																																		
65	65	ECG322	---	Gen Purp, Pwr Amp	.5	10	10 min	100	TO-202N Fig. T36  TAB CONNECTED TO COLLECTOR																																																	
80	80	ECG188	ECG189	Gen Purp, Pwr Amp	2	10	80 typ	50																																																		
180	180	ECG190	---	Gen Purp, Pwr Amp, Horiz Driver	1	10	40 min	100																																																		
300	300	ECG191	ECG240	Gen Purp, HV Amp, Video	.5	10	40 typ	60																																																		
150	90	ECG71	---	Hi Current Amp, Fast Sw	20	200	20 min	20	TO-63 Fig. T35 																																																	
180	150	ECG70	---	HV Pwr Amp, Sw	50	250	30 min	30 min																																																		
120	100	ECG72	---	Hi Current Amp, Fast Sw, Isolated Stud	10	115	30 min	30	TO-61 Fig. T33 																																																	
220	200	ECG73	---	HV Amp, Sw, Collector to Stud	10	85	15 min	40																																																		
100	100	ECG96	---	HV Amp, Sw	7	60	60 min	30 min	TO-59 (Isolated) Fig. T31 																																																	
250	250	ECG95	---	HV Amp, Sw	3	70	90 min	40																																																		
100	100	ECG74	---	Gen Purp Amp, Sw	7	60	60 min	30	TO-59 Fig. T32  COLLECTOR TO STUD																																																	
100	80	ECG75	---	Hi Pwr Amp, Sw	5	50	40 min	50 min	TO-111 Fig. T30 																																																	

Package Outlines - See Page 1-76


Silicon Small Signal Transistors

(By Case Style and Increasing BV_{CEO}) Maximum Ratings at T_C = 25°C

Breakdown Voltage		Type		Application	Collector Current I _C (A)	Collector Diss. PD (W)	Current Gain h _{FE}	Freq in MHz ft	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
40	20	ECG346	---	Gen Purp-Hi Freq, Driver	.4	1	10 min	500	TO-39 Fig. T6 
40	30	ECG278	---	Gen Purp-Hi Freq, Amp	.4	3.5	30 min	1200 min	
50	30	ECG77	---	CATV Broadband Amp	.4	3.5	30 min	1800	
55	30	ECG311	---	Gen Purp-Hi Freq	.4	5	25 min	800 min	
60	30	ECG123	---	Gen Purp, Amp, Driver	.8	.8	150 typ	250	
60	30	ECG329	---	RF Pwr Amp	1.5 peak	5	---	---	
70	70	ECG195A	---	RF Pwr Amp, Driver	1.5	8	30 min	150	
120/90	80	ECG128	ECG129	Gen Purp	1	1	90 min	120	
120	100	ECG324	ECG323	Gen Purp	2	1	50 min	30	
300	300	ECG154	---	HV Gen Purp, Amp	.5	1 T _A 25°C	60 typ	40	
450/350	350/300	ECG396	ECG397	HV Pwr Amp, Sw	1	10	60 typ	15 min	
35	15	---	ECG106	Gen Purp-Hi Freq, Amp	75 mA	.25	20 min	500	TO-18 Fig. T2 
75	40	ECG123A	---	Gen Purp, Amp, Sw	.8	.5	200 typ	300	
30	15	ECG316	---	UHF Amp, Lo Noise	50 mA	.2	25 min	1400	TO-72 Fig. T4 
30	25	---	ECG395	UHF/VHF Amp	50 mA	.36	25 min	2.3 GHz	
45	45	ECG161	---	Gen Purp-Hi Freq, Amp	50 mA	.18	60 typ	800	
36	18	ECG340	---	Gen Purp, RF Pwr	.5	.75	70 typ	---	T-16 Fig. T20 
60	50	ECG293	ECG294	Gen Purp, Pwr Amp	1	1 H Sink .75 T _A 25°C	120 min	200	
80	80	ECG297	ECG298	Gen Purp, Pwr Amp	1 peak	.75	130 min	120	
300	300	ECG399	---	Video Output, Horiz Dr	.1	.9	100 min	50 min	
100	50	ECG315	---	RF Driver	1	.75	200 typ	80	SC-51 Fig. T19 
60	50	ECG48	---	Gen Purp Amp-Darlington	1	1	25,000	100 min	TO-92M Fig. T18 
120	100	ECG382	ECG383	Gen Purp	1	.9 T _A = 25°C	200 typ	140	
120	120	ECG90	ECG91	HV Hi Gain Amp	50 mA	.75	400 min	150	
160	160	ECG31	ECG32	AF Driver Output	1	.9 T _A = 15°C	100 min	15 min	

Package Outlines - See Page 1-76

Silicon Small Signal Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current I _c (A)	Collector Diss. PD (W)	Current Gain hFE	Freq in MHz f _t	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
25	12	ECG10	---	Lo Noise UHF/VHF Amp (GPE = 10 dB typ)	70 mA	.600	40 min	5 GHz	TO-92• T16 
27	18	---	ECG12	Hi Gain, Hi Current Gen Purp	5	.75	180 min	120	
30	14	ECG23	---	Lo Noise, UHF, VHF Amp, RF Amp, HF IF Amp (GPE = 15 dB typ)	50 mA	.25	80	2 GHz	
30	15	ECG108	---	RF/IF Video Amp, Osc	50 mA	.6	20 min	800 min	
30	30	ECG233	---	Gen Purp	.1	.625	45 typ	300	
30	30	---	ECG232	Gen Purp-Darlington	.3	.625	50,000 typ	175	
35	35	ECG69	---	TV UHF/VHF Amp	50 mA	.25	70 typ	800 min	
35	35	ECG107	---	TV UHF/VHF Amp	50 mA	.25	70 typ	800 min	
40	20	ECG11	---	Hi Gain, Hi Current Gen Purp	5	.75	200 min	150	
40	30	ECG319P	---	TV IF Amp, AGC Controlled (Includes Metal Shield)	50 mA	.5	35 typ	300 min	
40	40	ECG172A	---	Gen Purp-Darlington	.3	.4	7,000 min	60	
40	40	ECG229	---	VHF Osc, IF Amp	50 mA	.425	30 min	600	
45	45	ECG47	---	Gen Purp, Hi Gain Amp	.2	.35	500 min	140	
60	50	---	ECG234	Gen Purp, Hi Gain Amp	50 mA	.2	400 typ	80 min	
70	50	ECG199	---	Gen Purp, Hi Gain Amp	.1	.36	400 typ	90 min	
70	70	ECG85	---	Gen Purp Amp, Sw	.4	.6	120 min	200 min	
75/80	40/80	ECG123AP	ECG159	Gen Purp	.6/1.0	.6	200 typ	300/200	
90	80	ECG2341	ECG2342	Darlington Driver, Sw, toff = 1.5 μs (typ)	1	.80	2,000 min	---	
100	80	ECG289A	ECG290A	Gen Purp, Pwr Amp	.5	.5	100 min	120	
100	100	ECG46	---	Gen Purp-Darlington	.5	.625	10,000 min	200	
180	160	ECG194	---	Hi Speed Sw, Amp, t _f = .4 μs (typ)	.6	.35	100 typ	100	
300	300	ECG287	ECG288	HV Gen Purp	.5	.625	40 min	50	
40	40	ECG172A	---	Gen Purp-Darlington	.3	.4	7,000 min	60	
70	50	ECG199	---	Gen Purp, Hi Gain Amp	.1	.36	400	90	
40	40	---	ECG217	Very Hi Speed Sw, Amp, t _f = 30 ns (max)	1	1	40 min	175	
80	50	ECG216	---	Very Hi Speed Sw, Core Driver, t _f = 20 ns (typ)	1.5	1	60 min	300	
100	80	ECG24	ECG25	Gen Purp Amp, Sw	1.25	1	80 min	50	
100/80	80	ECG128P	ECG129P	Gen Purp Amp, Sw	1	1	100 min	100/150	
300	300	ECG227	---	HV Amp, Video Output	.1	1	40 min	50	
325	300	ECG255	---	Horiz Driver, Amp, Sw	1	1	30 min	30 min	
50	50	ECG2355	ECG2356	Digital w/Base Resistor (10K) Sw, Driver	.1	.3	30 min	250	
50	50	ECG2357	ECG2358	Digital w/Base Resistor (22K) Sw, Driver	.1	.3	50 min	250	
50	50	ECG2359	ECG2360	Digital w/Base Resistor (47K) Sw, Driver	.1	.3	65 min	250	
120	120	ECG26	---	Audio Amp, Lo Noise	50 mA	.3 T _A = 25°C	300 min	100	

ECG	1	2	3
10	B	E	C
11	E	C	B
12	E	C	B
23	B	E	C
46	E	B	C
47	E	B	C
69	B	E	C
85	E	C	B
107	E	C	B
108	E	B	C
123AP	E	B	C
159	E	B	C
172A	E	C	B
194	E	B	C
199	E	C	B
229	B	E	C
232	E	B	C
233	E	B	C
234	E	C	B
287	E	B	C
288	E	B	C
289A	E	C	B
290A	E	C	B
319P	B	E	C
2341	E	C	B
2342	E	C	B

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

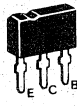
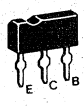
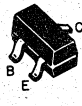
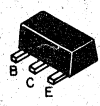
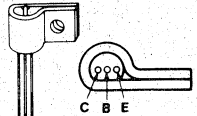
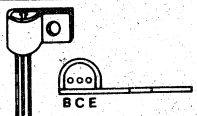
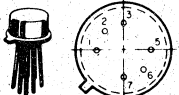
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24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
255	E	B	C


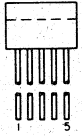
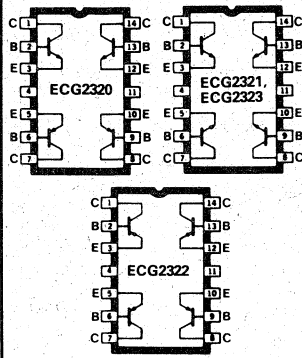
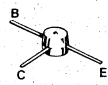
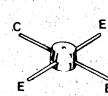
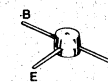

ECG	1	2	3
24	E	C	B
25	E	C	B
128P	E	B	C
129P	E	B	C
216	E	B	C
217	E	B	C
227	E	B	C
25			

Package Outlines - See Page 1-76

Silicon Small Signal Transistors (cont'd)

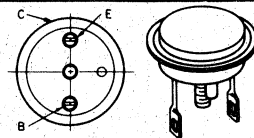
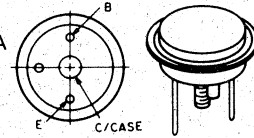
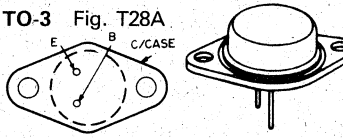
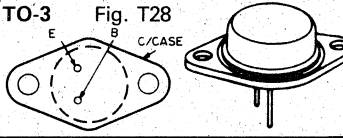
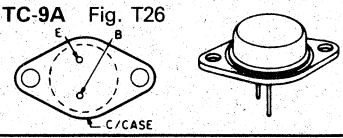
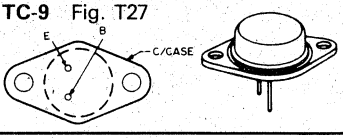
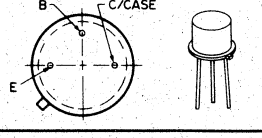
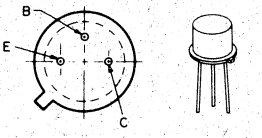
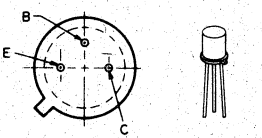
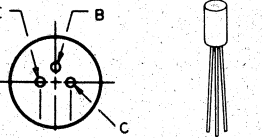
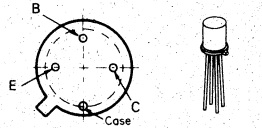
Breakdown Voltage		Type		Application	Collector Current I_C (A)	Collector Diss. PD (W)	Current Gain hFE	Freq in MHz ft	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
25	20	ECG13	---	Hi Gain, Gen Purp Amp	.5	.6	400 min	200	M-71 Fig. T20-3 
40	32	ECG20	ECG21	AF PO, Driver, Series Pass	2 2.5 peak	1	120 min	100	
50	40	ECG16	ECG17	Gen Purp, Small Sig, Lo Noise	.1	.3	300	180/140	
80	80	ECG18	ECG19	AF Driver, Gen Purp Amp	.7 1 peak	1	120 min	120/100	
100	80	ECG22	---	AF Pwr Output, Driver, Gen Purp Amp	1 2 peak	1	120 min	100	
30	18	ECG15	---	VHF Amp, Mixer, Osc, UHF Osc	50 mA	.3	40 min	600 min	M-68 Fig. T20-2 
80	80	---	ECG14	Gen Purp AF Amp, Driver	.7	.75	120 min	100	
20	15	ECG2402	ECG2403	Lo Noise, UHF/VHF Amp ECG2402 ($G_{pE} = 15$ dB Typ) ECG2403 ($G_{pE} = 18$ dB Typ)	25 mA	.200	40/20 min	5 GHz	SOT-23 Fig. T20-4 
30	30	---	ECG2401	RF Amp, Osc, Mixer, VHF/FM	25 mA	.300	---	450 typ	
40	30	ECG2404	ECG2405	Darlington, Preamp Dr, Gen Purp Amp	.300	.350	4,000 min	220	
50	50	ECG2414	ECG2415	Digital w/Base Resistor (10K) Sw, Driver	.100	.200	30 min	250	
50	50	ECG2416	ECG2417	Digital w/Base Resistor (22K) Sw, Driver	.100	.200	50 min	250	
50	50	ECG2418	ECG2419	Digital w/Base Resistor (47K) Sw, Driver	.100	.200	65 min	250	
75/60	40/60	ECG2406	ECG2407	AF/RF Amp, Driver, Sw	.800/ .600	.425	100 min	300/200	
80	65	ECG2408	ECG2409	Lo Noise, AF/RF, Gen Purp Amp	.100	.200	300/350 typ	300/150	
180/160	160/150	ECG2410	ECG2411	Gen Purp, HV, Dr, Amp	.600	.350	80/60 min	300	
300	300 (CER)	ECG2412	ECG2413	Gen Purp, HV Amp	50 mA	.310	50 min	60	
90	80 (CER)	ECG2426	ECG2427	Darlington Driver, Sw	.500	1	2,000 min	---	SOT-89 Fig. T20-5 
90	80	ECG2428	ECG2429	Gen Purp Amp, Sw	1	1	100 min	100	
400/350	350/300	ECG2430	ECG2431	HV, Gen Purp Amp	1	1	40/30 min	70/15	
70	70	ECG192	ECG193	Gen Purp, Pwr Amp	1	1 $T_C = 25^\circ C$	150 typ	120 min	TO-92HS Fig. T21 
70	70	ECG192A	ECG193A	Gen Purp, Pwr Amp	.5	.6	120 min	120	T16HS Fig. T22 
75/60	40	ECG81	ECG82	Dual VHF Amp, Sw	.6 2 total $T_C = 25^\circ C$.6 total $T_A = 25^\circ C$	100 min	250	TO-78 Fig. T12  <ol style="list-style-type: none"> Collector 1 Base 1 Emitter 1 Emitter 2 Base 2 Collector 2

Silicon Small Signal Transistors (cont'd)

Breakdown Voltage		Type		Application	Collector Current I_c (A)	Collector Diss. PD (W)	Current Gain hFE	Freq in MHz ft	Package
BVCBO	BVCEO	NPN	PNP						Case/Basing
60	30	ECG83		Dual Gen Purp Amp	.5	.4 total	180 typ	250	TO-78P Fig. T13 
50	50	ECG42	ECG43	Dual Diff. Amp, Common Emitter	.1	.2 unit .4 total	400 min	100	SIP-5 Fig. T20-1 
100	100	ECG40	ECG41	Dual Diff. Amp, Common Emitter	50 mA	.2 unit .4 total	400 min	150	
100	100	ECG44	ECG45	Dual Bias Amp, Common Base	.1	.2 unit .4 total	400 min	100	
60	30	ECG2320		Quad Discrete, Compl Pair, Sw, $t_{on} = 30$ ns, $t_{off} = 225$ ns (typ)	.5	1 unit 3 total	100 min	350	14-Pin DIP Fig. T66 
60	40	ECG2321	---	Quad Gen Purp Amp, Sw, $t_{on} = 25$ ns, $t_{off} = 250$ ns (typ)	.5	.65 unit 1.9 total	100 min	350	
60	40	---	ECG2322	Quad Gen Purp Amp, Sw, $t_{on} = 30$ ns, $t_{off} = 225$ ns (typ)	.5	.65 unit 1.9 total	100 min	350	
200	200	ECG2323	---	Quad HV Amp, Driver	.5	.75 unit 1.7 total	60	80	
30	30	ECG313	---	RF Amp	20 mA	.15	25 min	400 min	RF-15 Fig. T49 
20	12	ECG63	---	UHF/Microwave Amp/Mixer	40 mA	.400	40	5 GHz typ	RF-19A Fig. T49-3 
25	15	ECG64	---	UHF/Microwave Amp/Hi Speed Sw	30 mA	.350	60	4.5 GHz typ	
20	15	ECG65	---	UHF/Microwave Amp, CATV, MATV	25 mA	.180	30 typ	5 GHz typ	RF-19 Fig. T49-2 
50	30	ECG76	---	CATV Broadband Amp	.4	5	30 min	1800	TO-117 Fig. T50 

Package Outlines - See Page 1-76








Germanium Transistors (Maximum Ratings at $T_C = 25^\circ\text{C}$ Unless Otherwise Noted)

Breakdown Voltage		Type		Application	Collector Current I_C (A)	Collector Diss. P_D (W)	Current Gain h_{FE}	Freq in MHz f_t	Package
BV_{CBO}	BV_{CEO}	NPN	PNP						Case/Fig./Basing
40	40	---	ECG330	Gen Purp, Pwr Amp	25	170	12 typ	---	TO-36 Fig. T29 
50	35	---	ECG105	Gen Purp, Pwr Amp	15	100	90 typ	10 kHz	
75	65	---	ECG213	Gen Purp, Pwr Amp	30	170	80 typ	0.27	
60	45	---	ECG28	High Current Gen Purp Amp	60	170	120 typ	2 kHz	TO-68 Fig. T29A 
60	45	---	ECG27	High Current Gen Purp Amp	60	170	120 typ	2 kHz	TO-3 Fig. T28A 
50	35	---	ECG104	Gen Purp, Pwr Amp	7	90	90 typ	10 kHz	TO-3 Fig. T28 
65	45	---	ECG121	Gen Purp, Pwr Amp	7	30	80 typ	22 kHz	
90	90	---	ECG179	Gen Purp, Pwr Amp	25	106	55 typ	0.35 min	
350	350	---	ECG127	Horiz Switch, PO	10	40	15 min	1	
35	35	---	ECG226	Gen Purp, Pwr Amp	2	12	125 typ	0.45	TC-9A Fig. T26 
32	20	ECG155	ECG131	Gen Purp, Pwr Amp	3 peak	6 TC 63°C	110 typ	1	TC-9 Fig. T27 
25	25	---	ECG176	Gen Purp, Pwr Amp	2	6	110 typ	0.7	TO-39 Fig. T6 
25	20	ECG101	ECG100	Gen Purp	0.3	0.15 ($T_A = 25^\circ\text{C}$)	40 typ	5	TO-5 Fig. T5 
30	16	ECG103	ECG102	Gen Purp	0.3	0.15 ($T_A = 25^\circ\text{C}$)	90 typ	2	
25	25	---	ECG126A	Gen Purp	10 mA	0.2 ($T_A = 25^\circ\text{C}$)	60 typ	250	TO-18 Fig. T2 
32	32	ECG103A	ECG102A	Gen Purp	0.5	0.9	120 typ	2.3	TO-1 Fig. T1 
32	32	---	ECG158	Gen Purp, Pwr Amp	1	1.6	90 typ	1.5	
30	20	---	ECG160	Gen Purp	0.01	0.2 ($T_A = 25^\circ\text{C}$)	20 typ	400	TO-72 Fig. T4 




Package Outlines - See Page 1-76

RF Transistor Selector Guide







Amateur 13-30 MHz

ECG Type	Description and Application	Output Power Watts Pout	Input Power Watts Pin	Supply Voltage Vcc	Test Freq MHz	Package	
						Fig. No.	Case
ECG318	NPN-Si, PO	50	1.6	12.5	30	T58	RF-50F 
ECG325	NPN-Si, PO	50	4	13.6	30	T53	RF-38S 
ECG333	NPN-Si, PO	60	3	12.5	30	T57	RF-38F 
ECG334	NPN-Si, PO	60	3	12.5	30	T53	RF-38S 
ECG317	NPN-Si, PO	70	3	12.5	30	T58	RF-50F 
ECG335	NPN-Si, PO	80	5	12.5	30	T58	
ECG336	NPN-Si, PO	80	5	12.5	30	T54	RF-50S10 
ECG470	NPN-Si, PO	100	6.3	12.5	30	T58	RF-50F 
ECG471	NPN-Si, PO	100	3.2	28	30	T58	




Low Band FM 27-50 MHz

ECG337	NPN-Si, Driver	8	.8	12.5	50	T53	RF-38S 
ECG338	NPN-Si, Driver/PO	20	3.2	12.5	50	T53	
ECG338F	NPN-Si, Driver/PO	20	3.2	12.5	50	T57	RF-38F 
ECG339	NPN-Si, PO	40	7	12.5	50	T54	RF-50S10 

VHF Marine FM 156-162 MHz

ECG340	NPN-Si, Driver/PO	0.6	.05	13.5	175	T20	T-16 
ECG341	NPN-Si, Driver/PO	4	.25	12.5	175	T7	TO-39EC* 
ECG488	NPN-Si, Driver/PO	4	.25	13.5	175	T9	TO-39EG* 
ECG342	NPN-Si, PO	7	.6	13.5	175	T42	TO-220EC* 
ECG343	NPN-Si, PO	14	2.5	13.5	175	T42	
ECG344	NPN-Si, PO	30	6	13.5	175	T59	RF-28F6 
ECG345	NPN-Si, PO	30	3.8	13.6	160	T53	RF-38S 

















VHF AM 108-175 MHz

ECG311	NPN-Si, Predriver, Driver, PO	1	0.1	28	175	T6	TO-39 
ECG357	NPN-Si, Driver/PO	7	1.0	28	175	T51	RF-38SM 
ECG359	NPN-Si, Driver/PO	20	3	28	175	T53	RF-38S 
ECG360	NPN-Si, Driver/PO	40	7	28	175	T53	

* - Emitter to Case

Package Outlines - See Page 1-76





High Band VHF FM 136-174 MHz

ECG Type	Description and Application	Output Power Watts Pout	Input Power Watts Pin	Supply Voltage Vcc	Test Freq MHz	Package	
						Fig. No.	Case
ECG346	NPN-Si, Predriver, Driver	1	0.1	12.0	175	T6	TO-39 
ECG487	NPN-Si, Driver/PO	1	0.1	12.5	175	T8	TO-39A 
ECG472	NPN-Si, Driver/PO	1.8	0.12	12.5	175	T6	TO-39 
ECG473	NPN-Si, Driver/PO	2.2	0.5	15	175	T6	
ECG347	NPN-Si, Driver/PO	3	0.5	13.6	175	T51	RF-38SM 
ECG474	NPN-Si, Driver/PO	3	0.3	12.5	175	T40	TO-202EC* 
ECG341	NPN-Si, Driver/PO	4	0.25	12.5	175	T7	TO-39EC* 
ECG488	NPN-Si, Driver/PO	4	0.25	13.5	175	T9	TO-39EG* 
ECG348	NPN-Si, Driver/PO	4	0.25	12.5	175	T53	RF-38S 
ECG475	NPN-Si, Driver/PO	7	2	13.6	175	T56	TO-60 
ECG349	NPN-Si, Driver/PO	10	3	13.6	175	T53	RF-38S 
ECG476	NPN-Si, Driver/PO	12	4	13.6	175	T56	TO-60 
ECG350	NPN-Si, Driver/PO	15	3.8	12.5	175	T53	RF-38S 
ECG350F	NPN-Si, Driver/PO	15	3.8	12.5	175	T57	RF-38F 
ECG351	NPN-Si, Driver/PO	25	6	12.5	175	T53	RF-38S 
ECG345	NPN-Si, Driver/PO	30	3.8	13.6	160	T53	
ECG320	NPN-Si, PO	40	14	12.5	175	T55	RF-50SS 
ECG320F	NPN-Si, PO	40	14	12.5	175	T57	RF-38F 
ECG477	NPN-Si, PO	45	10	12.5	175	T60	RF-50F6 
ECG352	NPN-Si, PO	80	18	12.5	175	T60	
ECG478	NPN-Si, PO	100	25	12.5	175	T60	
ECG353	PNP-Si, PO	4	0.25	12.5	175	T57	RF-38F 
ECG354	PNP-Si, PO	15	3.8	12.5	175	T57	
ECG355	PNP-Si, PO	30	8	12.5	175	T57	
ECG356	PNP-Si, PO	40	14	12.5	175	T57	

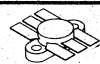
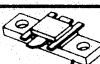


* - Emitter to Case

Package Outlines - See Page 1-76

UHF FM 407-512 MHz

ECG Type	Description and Application	Output Power Watts Pout	Input Power Watts Pin	Supply Voltage Vcc	Test Freq MHz	Package	
						Fig. No.	Case
ECG486	NPN-Si, Multi, Driver	.75	.12	12.5	470	T6	TO-39 
ECG479	NPN-Si, Driver/PO	1.8	.1	12.5	470	T6	
ECG361	NPN-Si, Driver/PO	2	.32	12.5	470	T7	TO-39EC* 
ECG362	NPN-Si, Driver/PO	2	0.25	12.5	470	T52	RF-28S 
ECG363	NPN-Si, Driver/PO	4	0.63	12.5	470	T52	
ECG364	NPN-Si, Driver/PO	10	2.5	12.5	470	T52	
ECG365	NPN-Si, Driver/PO	15	3.0	12.5	470	T60	RF-50F6 
ECG366	NPN-Si, Driver/PO	25	6	12.5	470	T60	
ECG480	NPN-Si, PO	40	9	12.5	470	T60	
ECG367	NPN-Si, PO	45	15	12.5	470	T60	
ECG368	NPN-Si, PO	60	22	12.5	470	T60	

UHF FM 806-870 MHz

ECG481	NPN-Si, PO	6	.95	12.5	836	T61	RF-38F6B 
ECG482	NPN-Si, PO	15	4.5	12.5	836	T63	RF-23F6E 
ECG483	NPN-Si, PO	18	4.5	12.5	836	T61	RF-38F6B 
ECG484	NPN-Si, PO	25	8	12.5	836	T61	
ECG485	NPN-Si, PO	25	7	12.5	836	T62	RF-23F6 

* - Emitter to Case

Package Outlines - See Page 1-76

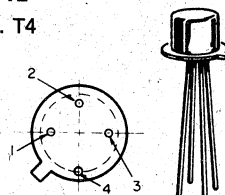
TV Tuner Transistor Selector Guide

The following Selector Guide has been prepared to aid in the servicing of UHF and VHF TV tuners. These tuners have been classified into two types: the Varactor (electronically tuned tuners) and the Mechanical tuners (individually tuned coils for each TV channel). A wide variety of tuner circuit designs are used, many of which require special transistor characteristics. To simplify the selection of a replacement transistor, follow these steps:

1. Determine tuner type and stage to the Selector Guide that matches the one being repaired.
2. Determine the polarity (NPN, PNP, N-Ch) - **ALL** replacements are NPN unless otherwise listed in this guide.
3. Select the proper basing required for the device.
4. Select the case style of the transistor.

TO-72

Fig. T4



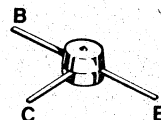
TO-92

Fig. T16



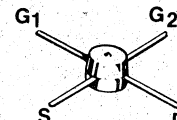
RF-15

Fig. T49

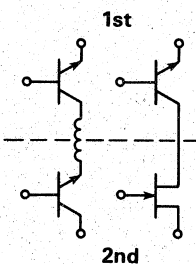


RF-15A

Fig. T49-1



Varactor Tuners (Electronic Color TV Tuners) UHF/VHF Tuners

R.F. Stage	Single Mixer Stage	OSC Stage	Tuning Diodes
<p>UHF</p> <p>ECG454 - DG₂G₁S, Case (FET, N-Ch, TO-72)</p> <p>ECG107 - ECB (TO-92)</p> <p>ECG69 - BEC (TO-92)</p> <p>ECG395 - EBC Case (PNP, TO-92)</p> <p>ECG455 - G₂G₁SD (FET, N-Ch, RF-15A)</p>	<p>ECG222 - DG₂G₁S, Case (FET, N-Ch, TO-72)</p> <p>ECG107 - ECB (TO-92)</p> <p>ECG69 - BEC (TO-92)</p> <p>UHF Diode Mixer ECG112</p>	<p>ECG107 - ECB (TO-92)</p> <p>ECG69 - BEC (TO-92)</p> <p>ECG395 - EBC Case (PNP, TO-92)</p>	<p>(4 Matched)</p> <p>ECG616</p>
VHF	Dual Mixers	IF Amp Stage (Located in Tuner)	Switching Diodes
<p>ECG222 - DG₂G₁S, Case (FET, N-Ch, TO-72)</p> <p>ECG107 - ECB (TO-92)</p> <p>ECG69 - BEC (TO-92)</p> <p>ECG395 - EBC Case (PNP, TO-72)</p> <p>ECG454 - DG₂G₁S, Case (FET, N-Ch, TO-72)</p>	 <p>1st ECG229 - BEC (TO-92)</p> <p>2nd ECG107 - ECB (TO-92)</p> <p>2nd ECG229 - BEC (TO-92)</p> <p>2nd ECG312 - GSD (TO-92) (FET, N-Ch, D & S Interchangeable)</p>	<p>ECG107 - ECB (TO-92)</p> <p>ECG108 - EBC (TO-92)</p> <p>ECG161 - EBC Case (TO-72)</p> <p>ECG229 - BEC (TO-92)</p>	<p>ECG553</p> <p>ECG555</p>

Package Outlines - See Page 1-76

Mechanical Tuners (Black and White/Color TV)

UHF Tuners (No RF Stage)

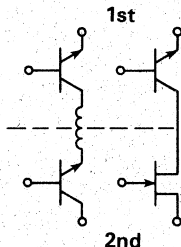
Oscillator Stage	Mixer Diode	AFC Diode
ECG313 - ECB (RF-15) ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG69 - BEC (TO-92) ECG395 - EBC Case (PNP, TO-72)	ECG112	ECG612 (Typ)

C

UHF Tuners (With RF Stage)

RF Stage	Mixer Stage	OSC Stage
ECG455 - G ₂ G ₁ SD (FET, N-Ch, RF-15A) ECG395 - EBC Case (PNP, TO-72)	ECG222 - DG ₂ G ₁ S, Case (FET, N-Ch, TO-72) ECG107 - ECB (TO-92) ECG69 - BEC (TO-92)	ECG107 - ECB (TO-92) ECG69 - BEC (TO-92)

VHF Tuners

<div>R.F. Stage</div> <div>ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG69 - BEC (TO-92) ECG161 - EBC Case (TO-72) ECG395 - EBC Case (PNP, TO-72) ECG313 - ECB (RF-15) ECG222 - DG₂G₁S, Case (FET, N-Ch, TO-72)</div>	<div>Single Mixer Stage</div> <div>ECG107 - ECB (TO-92) ECG161 - EBC Case (TO-92) ECG229 - BEC (TO-92) ECG313 - ECB (RF-15) ECG222 - DG₂G₁S, Case (FET, N-Ch, TO-72)</div>	<div>OSC Stage</div> <div>ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG161 - EBC Case (TO-72) ECG229 - BEC (TO-92) ECG69 - BEC (TO-92) ECG313 - ECB (RF-15)</div>
<div>IF Amp Stage</div> <div>(Located in Tuner)</div> <div>ECG107 - ECB (TO-92) ECG108 - EBC (TO-92) ECG161 - EBC Case (TO-72) ECG229 - BEC (TO-92)</div>	<div>Dual Mixers</div> <div></div> <div><div>1st</div><div>ECG229 - BEC (TO-92)</div><div>2nd</div><div>ECG229 - BEC (TO-92)</div><div>2nd</div><div>ECG107 - ECB (TO-92)</div><div>2nd</div><div>ECG312 - GSD (TO-92) (FET, N-Ch, D & S Interchangeable)</div></div>	<div>AFC Diode</div> <div>ECG613 (Typ)</div>

Notes:

ECG108 - **NOT** for use in oscillator stage of Varactor tuners as varactor diodes load down the oscillator output.

ECG319P - Use for AGC controlled IF's, **NOT** good for 3rd VIF.

ECG229 - Use in last VIF stage.

ECG233 - Black and White only, use in 3rd or last VIF stage.

Package Outlines - See Page 1-76

Transistor Outlines

Fig. T1
TO-1

ECG
102A
103A
158

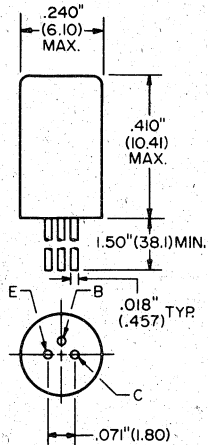


Fig. T2
TO-18

ECG	1	2	3
106	E	B	C
123A*	E	B	C
126A	E	B	C
462	S	G	D
466	S	D	G

*Collector to Case

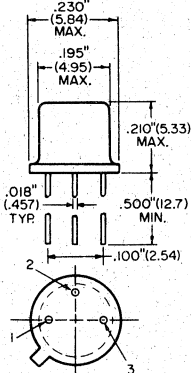
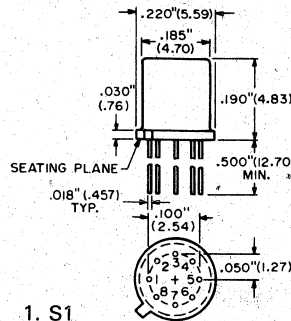


Fig. T3
TO-71

ECG
461



1. S1
2. D1
3. G1
4. Blank
5. S2
6. D2
7. G2
8. Blank

Fig. T4
TO-72

ECG	1	2	3	4
160	E	B	C	CASE
161	E	B	C	CASE
220	D	S	G	CASE
221	D	G2	G1	S, CASE
222	D	G2	G1	S, CASE
316	E	B	C	CASE
395	E	B	C	CASE
452	S	D	G	CASE
454	D	G2	G1	S, CASE
456*	D	S	G	CASE
459*	S	D	G	CASE
460*	S	G	D	CASE
464	S	G	D	S, CASE
465	S	G	D	CASE

* D & S Interchangeable

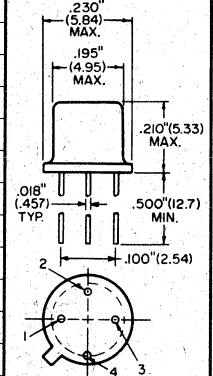


Fig. T5
TO-5

ECG
100
101
102
103

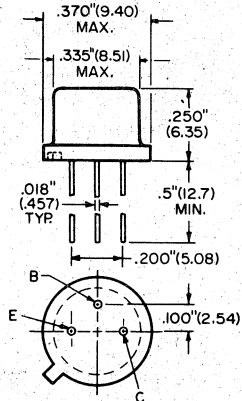


Fig. T6
TO-39

ECG
77
123
128
129
154
176
195A
278
311
323

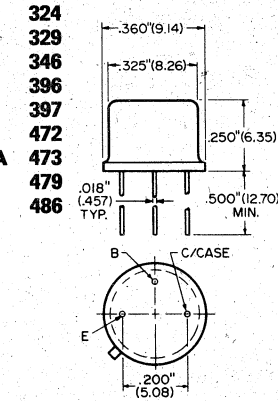


Fig. T7
TO-39EC

ECG
341
361

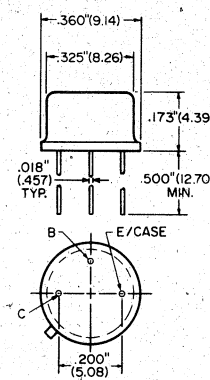
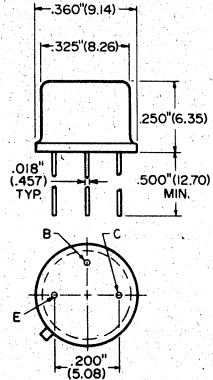


Fig. T8
TO-39A

ECG
487



Note: All leads electrically isolated from case.

Fig. T9
TO-39EG

ECG
488

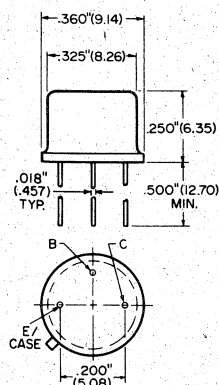
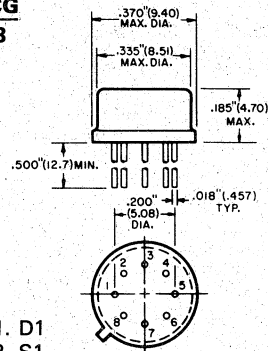


Fig. T10
TO-99

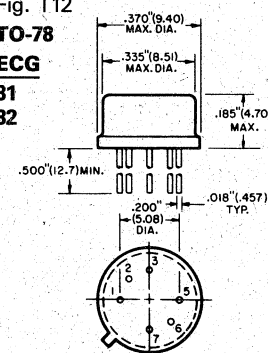
ECG
463



1. D1
2. S1
3. G1
4. Base, Case
5. G2
6. S2
7. D2
8. NC

Fig. T12
TO-78

ECG
81
82

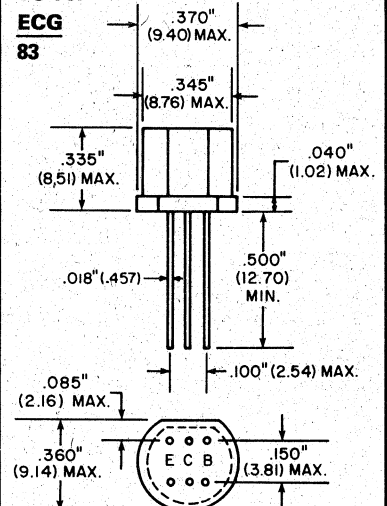


1. Collector 1
2. Base 1
3. Emitter 1
5. Emitter 2
6. Base 2
7. Collector 2

Note: All leads electrically isolated from case.

Fig. T13
TO-78P

ECG
83



Transistor Outlines (cont'd)

Fig. T13-1

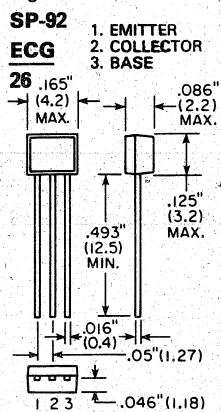


Fig. T13-2

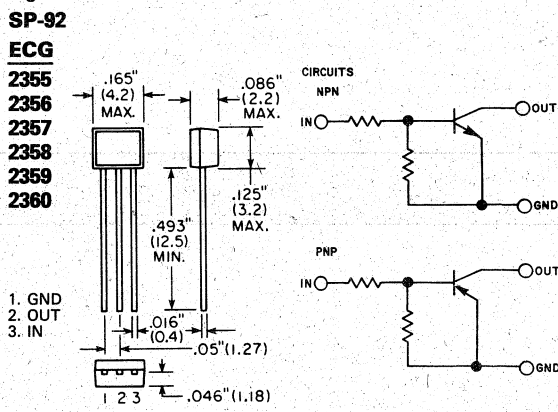


Fig. T14

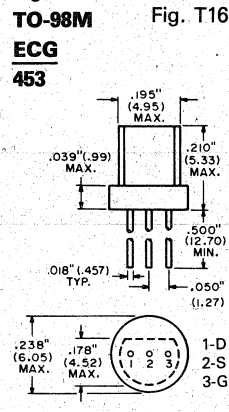


Fig. T15

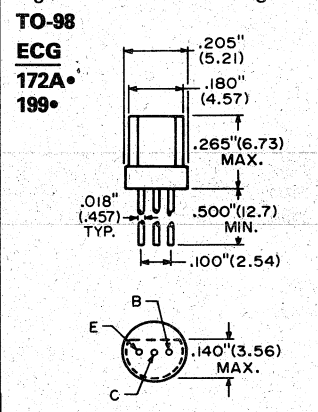


Fig. T16

TO-92

ECG	1	2	3	ECG	1	2	3	ECG	1	2	3
10	B	E	C	159	E	B	C	290A	E	C	B
11	E	C	B	172A■	E	C	B	312*	G	S	D
12	E	C	B	194	E	B	C	319P	B	E	C
23	B	E	C	199■	E	C	B	326*	S	D	G
46	E	B	C	229	B	E	C	451	D	S	G
47	E	B	C	232	E	B	C	453•	D	S	G
69	B	E	C	233	E	B	C	457*	D	S	G
85	E	C	B	234	E	C	B	458	D	G	S
107	E	C	B	287	E	B	C	467	D	S	G
108	E	B	C	288	E	B	C	2341	E	C	B
123AP	E	B	C	289A	E	C	B	2342	E	C	B

• Alternate Fig. T14
■ Alternate Fig. T15
* D & S Interchangeable

Fig. T17

TO-237

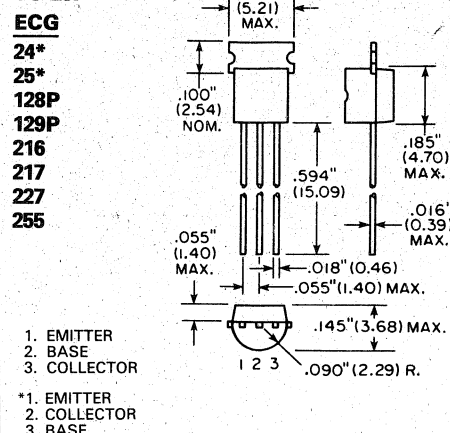


Fig. T18

TO-92M

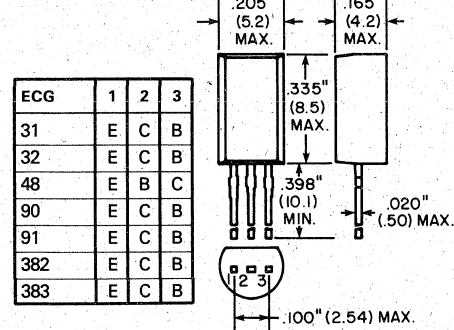


Fig. T19

SC-51

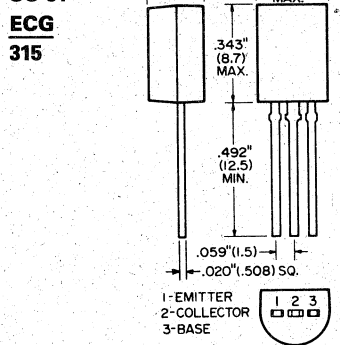


Fig. T20

T-16

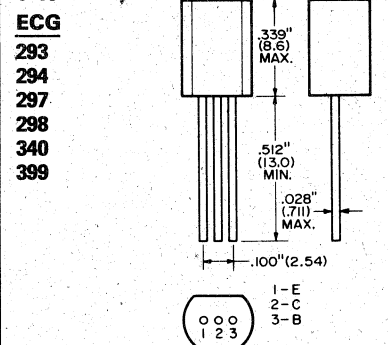


Fig. T20-1

SIP-5

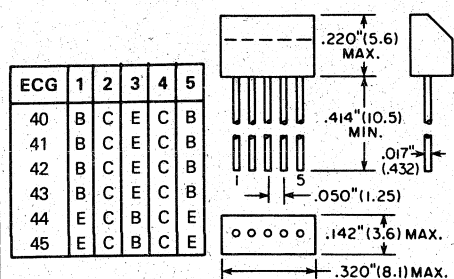


Fig. T20-2

M-68

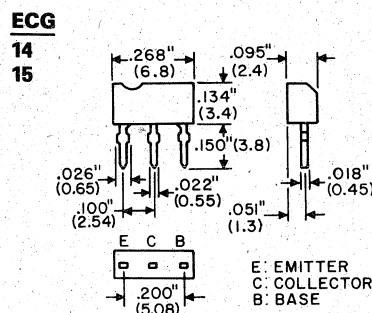
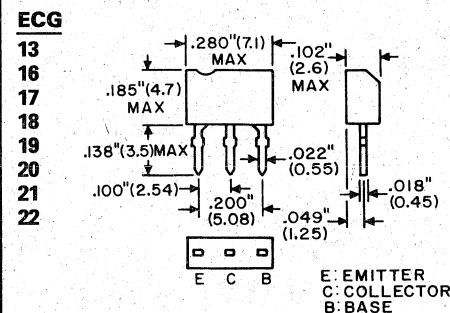


Fig. T20-3

M-71



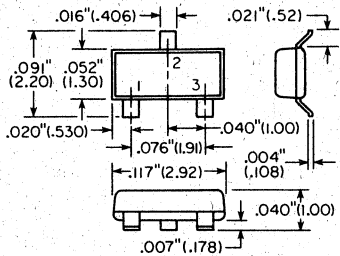
Transistor Outlines (cont'd)

Fig. T20-4

SOT-23

ECG

2401 2411
2402 2412
2403 2413
2404 2414*
2405 2415*
2406 2416*
2407 2417*
2408 2418*
2409 2419*
2410



1. BASE
2. COLLECTOR
3. EMITTER

* DIGITAL TRANSISTORS
1. IN
2. OUT
3. GND

CIRCUITS

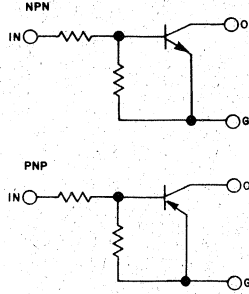
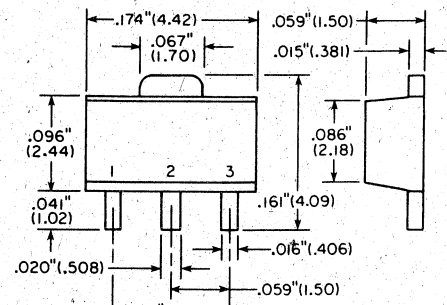


Fig. T20-5

SOT-89

ECG

2426
2427
2428
2429
2430
2431



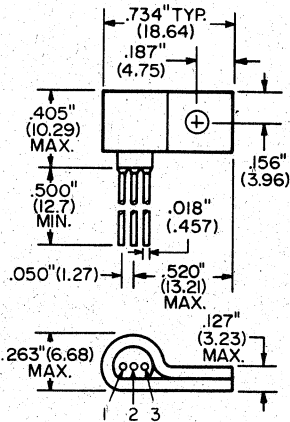
1. BASE
2. COLLECTOR
3. EMITTER

Fig. T21

TO-92HS

ECG

192
193



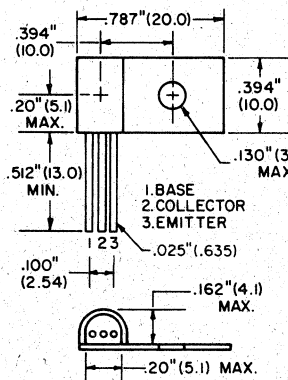
1 - C
2 - B
3 - E

Fig. T22

T-16HS

ECG

192A
193A



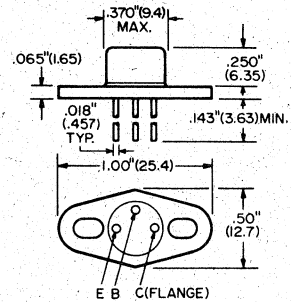
1. BASE
2. COLLECTOR
3. EMITTER

Fig. T23

TO-39F

ECG

224
225



E B C (FLANGE)

Fig. T24

TO-39HS

ECG

237

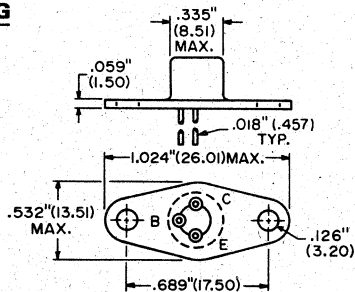
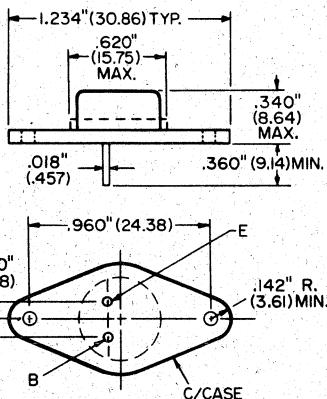


Fig. T25

TO-66

ECG

38
57
124
175
218
274
275
286
321
369
384



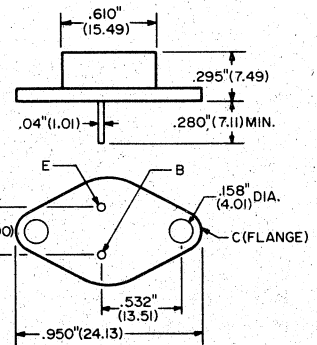
B C/CASE

Fig. T26

TC-9A

ECG

226



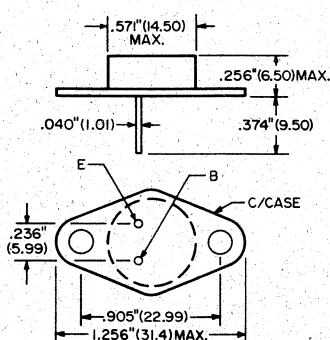
E B C (FLANGE)

Fig. T27

TC-9

ECG

131
155



E B C/CASE

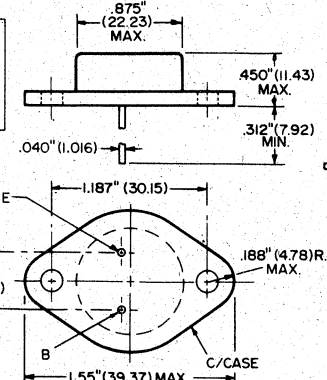
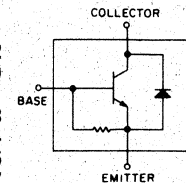
Fig. T28

TO-3

ECG

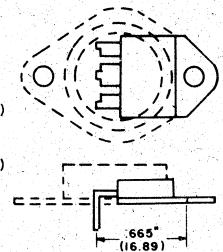
130
52 162
53 163A
60 164
61 165
62 179
68 180
86 181
87 219
88 238
89* 243
94 244
97 245
98 246
99 247
104 248
121 249
127 250

* Internal Circuit for ECG89



E B C/CASE

Mechanical Interchangeability of Plastic Package with TO-3 Case.



• Basing - SGD

Transistor Outlines (cont'd)

Fig. T28A

TO-3

ECG

27

29

30

387

2349

2350

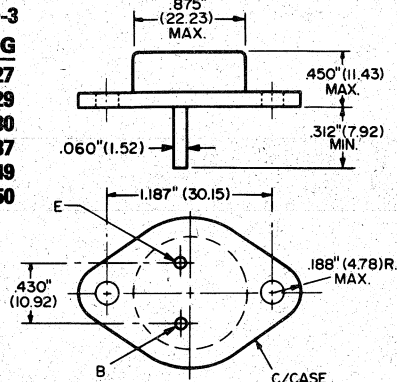


Fig. T29

TO-36

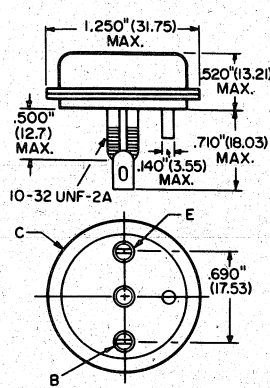
ECG

105

213

330

330W*



* Supplied with Welded-On Wire Leads

Fig. T29A

TO-68

ECG

28

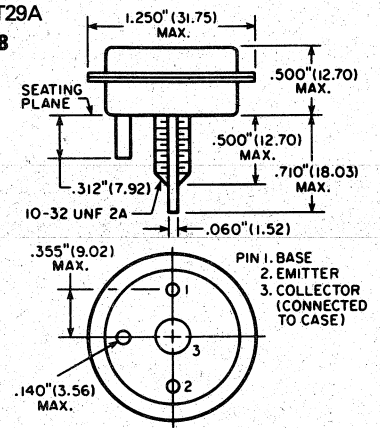
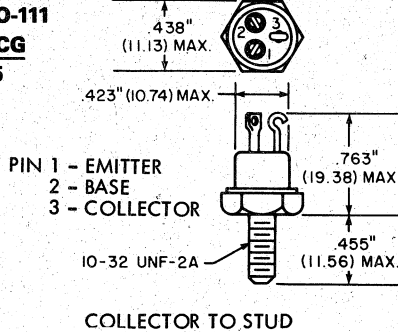


Fig. T30

TO-111

ECG

75



PIN 1 - EMITTER
2 - BASE
3 - COLLECTOR

COLLECTOR TO STUD

Fig. T31

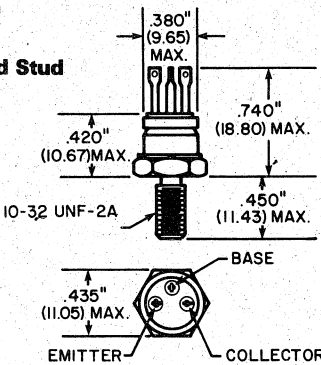
TO-59

Isolated Stud

ECG

95

96



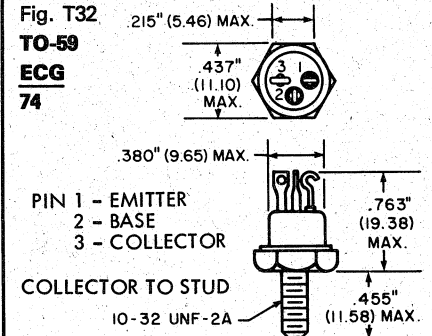
BASE
EMITTER
COLLECTOR

Fig. T32

TO-59

ECG

74



PIN 1 - EMITTER
2 - BASE
3 - COLLECTOR

COLLECTOR TO STUD

Fig. T33

TO-61

Isolated Stud

ECG

72

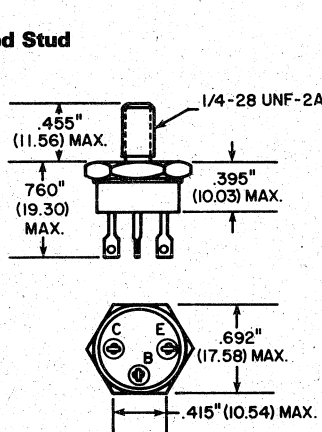
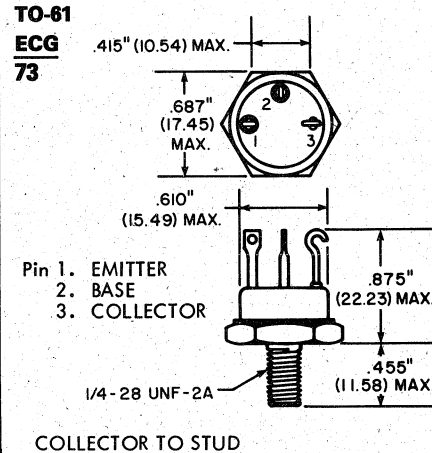


Fig. T34

TO-61

ECG

73



Pin 1. EMITTER
2. BASE
3. COLLECTOR

COLLECTOR TO STUD

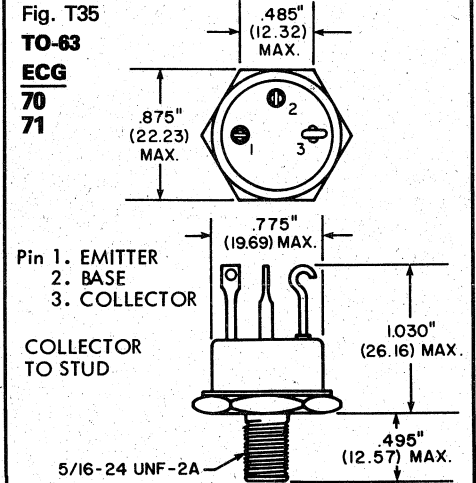
Fig. T35

TO-63

ECG

70

71



Pin 1. EMITTER
2. BASE
3. COLLECTOR

COLLECTOR TO STUD

Fig. T36

TO-202N

ECG

188

189

190

191

240

272

273

322

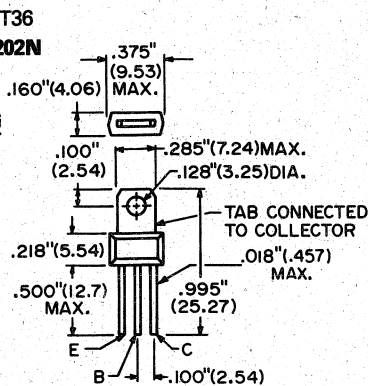


Fig. T37

TO-202J

ECG

80

302

306

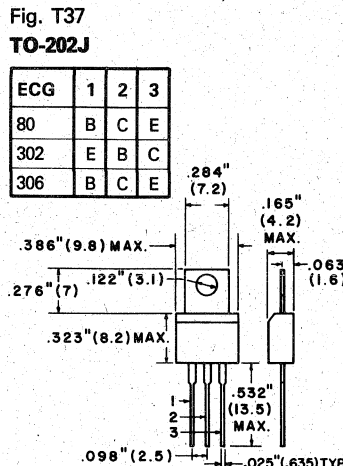


Fig. T38

TO-202

ECG

49

50

171

210

211

265

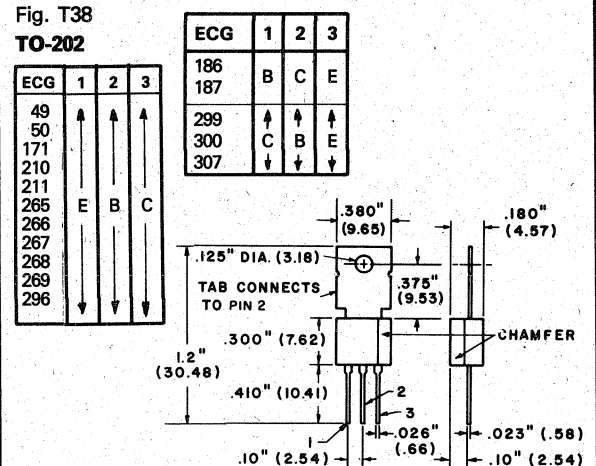
266

267

268

269

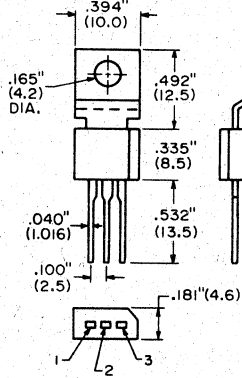
296



ECG	1	2	3
186	B	C	E
187	B	C	E
299	↑	↑	↑
300	↑	↑	↑
307	↓	↓	↓

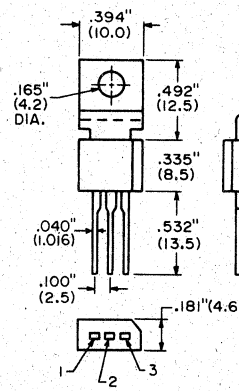
Transistor Outlines (cont'd)

Fig. T39
TO-202M



ECG	1	2	3	TAB
78	B	C	E	C
79	B	C	E	C
186A	B	C	E	C
187A	B	C	E	C
228A	E	B	C	C

Fig. T40
TO-202EC
ECG
474

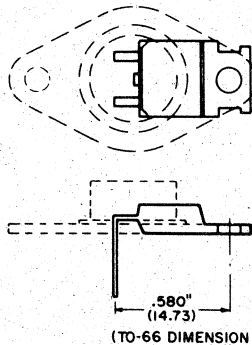


PIN 1 - BASE
2 - EMITTER, TAB
3 - COLLECTOR

Fig. T41
TO-220
ECG

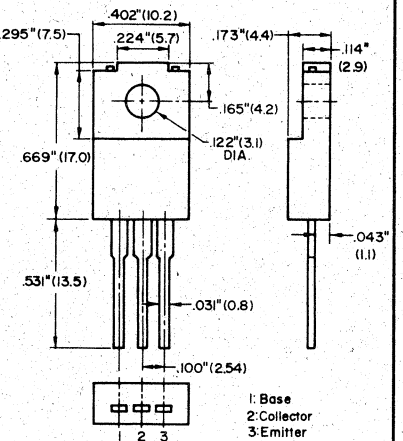
51	261	2312
54	262	2313
55	263	2315
56	264	2332
66*	291	2334
67*	292	2343
152	331	2344
153	332	2380*
196	375	2381*
197	376	2382*
198	377	2383*
235	378	2388*
236	379	2390*
241	398	
242	2303	

* Basing - GDS



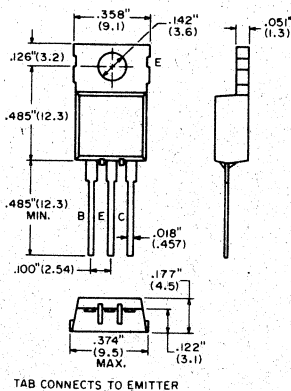
Mechanical Interchangeability of TO-220 Plastic Package with TO-66 Case - See Detailed Illustration Page 1-29.

Fig. T41-1
TO-220J
ECG
2336



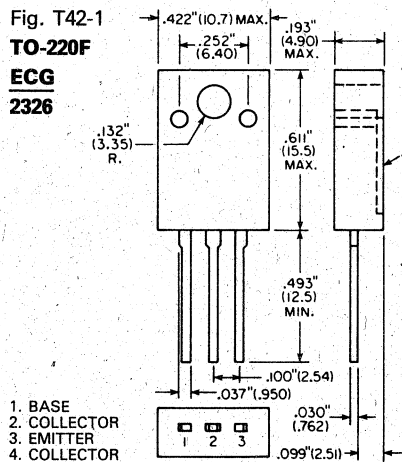
1: Base
2: Collector
3: Emitter

Fig. T42
TO-220EC
ECG
342
343



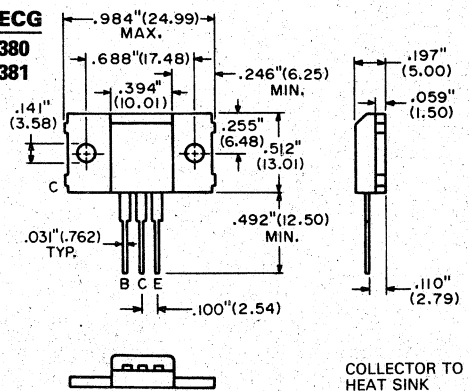
TAB CONNECTS TO EMITTER

Fig. T42-1
TO-220F
ECG
2326



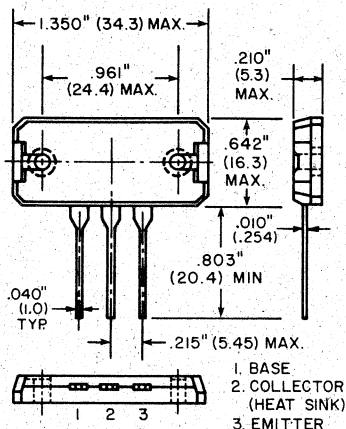
1. BASE
2. COLLECTOR
3. EMITTER
4. COLLECTOR

Fig. T43
TB-33
ECG
380
381



COLLECTOR TO HEAT SINK

Fig. T44
TB-34
ECG
33
34



1. BASE
2. COLLECTOR (HEAT SINK)
3. EMITTER

Fig. T44-1
TB-35
ECG
58
59
92
93

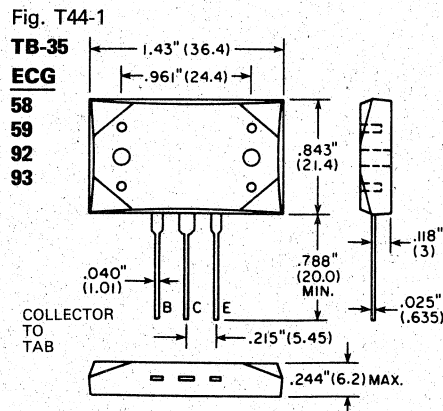
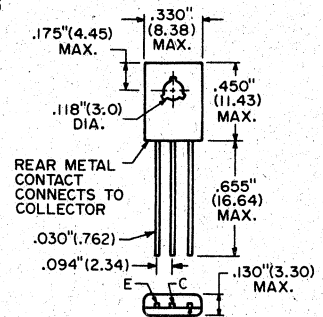


Fig. T45
TO-126
ECG
39
157
184
185
253
254
295
373
374
2327
2338



REAR METAL CONTACT CONNECTS TO COLLECTOR

Transistor Outlines (cont'd)

Fig. T45-1

TO-126N

ECG
2340

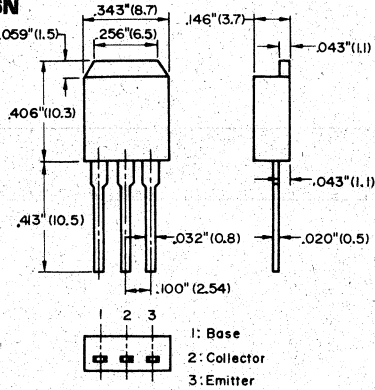


Fig. T45-2

SOT-82

ECG
2345
2346

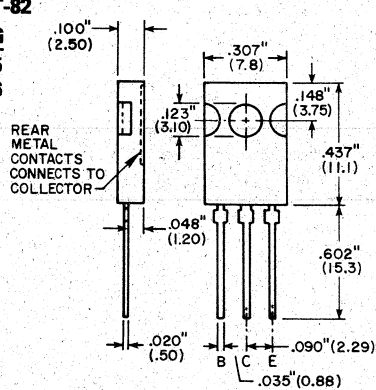


Fig. T46

TO-127

ECG
182 258
183 259
257 260

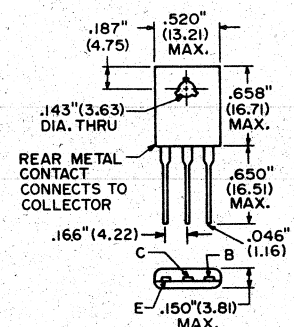
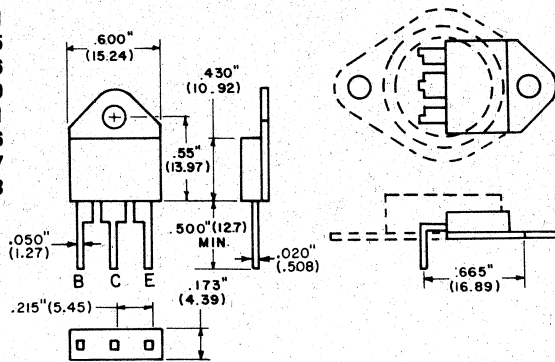


Fig. T48

TO-3P (TO-218)

ECG

256 2301
270 2305
271 2306
390 2310
391 2311
392 2316
393 2317
394 2318
2300



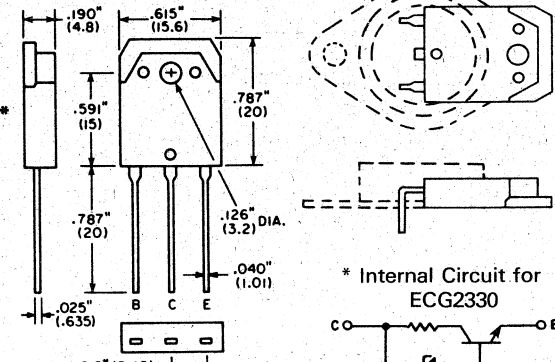
Collector to Tab

Fig. T48-1

TO-3PJ

ECG

36 2307
37 2308
214 2309
215 2314
2302 2330*
2304



Collector to Tab

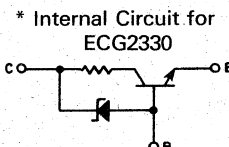


Fig. T48-2

TO-3PL

ECG
2328
2329

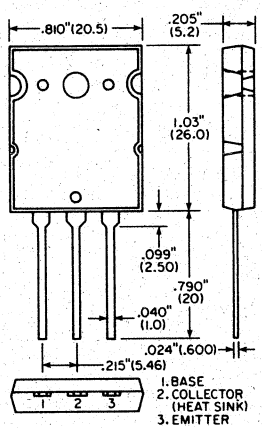


Fig. T49

RF-15

ECG
313

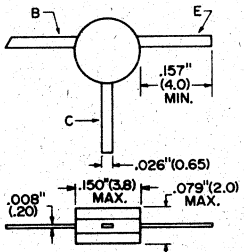


Fig. T49-1

RF-15A

ECG
455

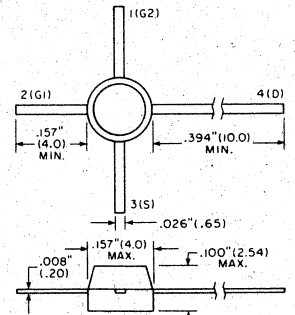


Fig. T49-2

RF-19

ECG
65

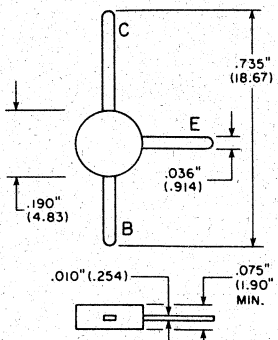


Fig. T49-3

RF-19A

ECG
63
64

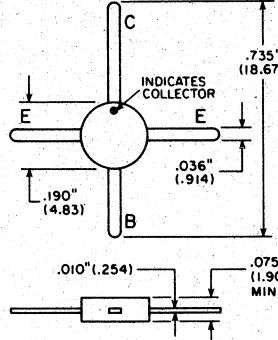
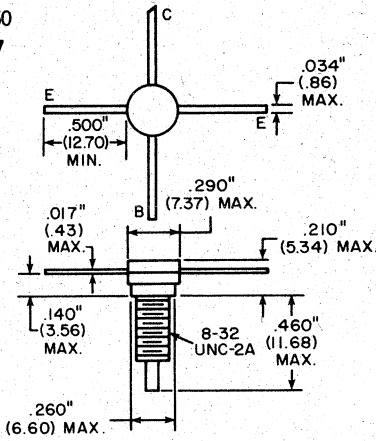


Fig. T50

TO-117

ECG
76



Transistor Outlines (cont'd)

Fig. T51
RM-38SM
ECG
347
357

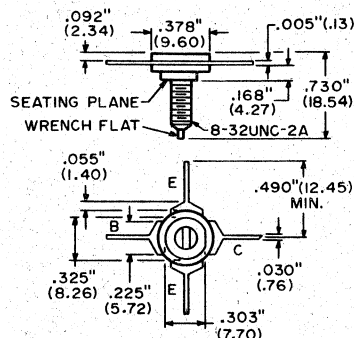


Fig. T52
RF-28S
ECG
362
363
364

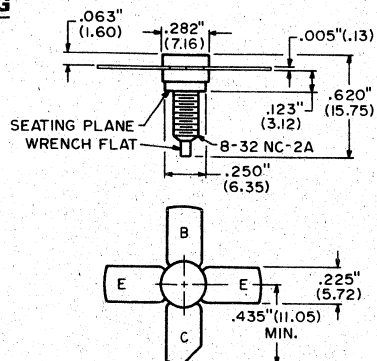


Fig. T53
RF-38S
ECG
325
334
337
338
345
348
349
350
351
359
360

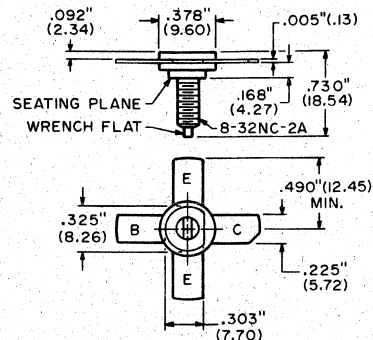


Fig. T54
RF-50S10
ECG
336
339

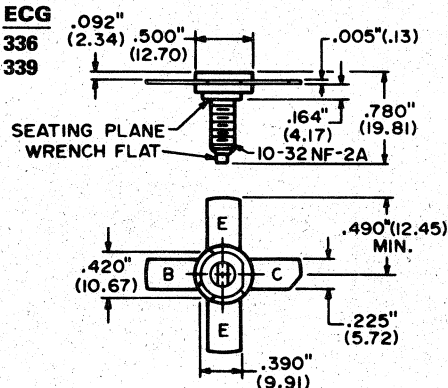


Fig. T55
RF-50SS
ECG
320

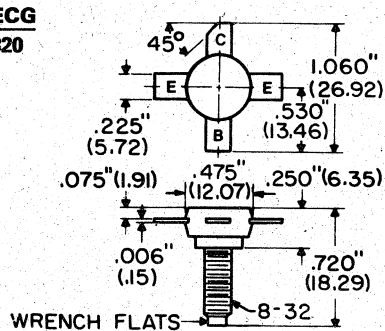


Fig. T56
TO-60
ECG
475
476

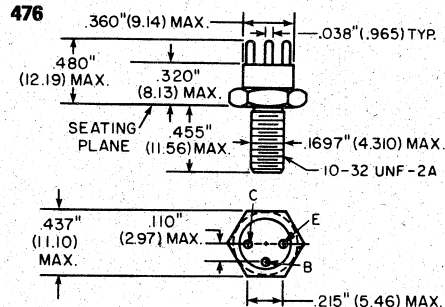


Fig. T57
RF-38F
ECG
320F
333
338F
350F
353
354
355
356

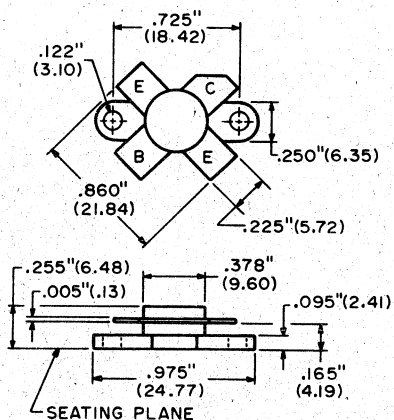


Fig. T58
RF-50F
ECG
317
318
335
470
471

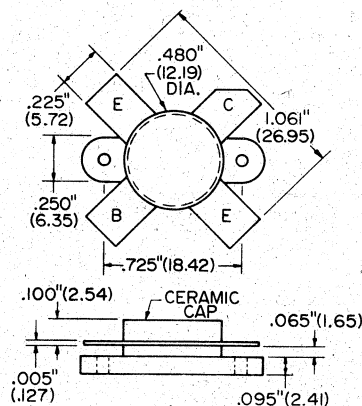


Fig. T59
RF-28F6
ECG
344

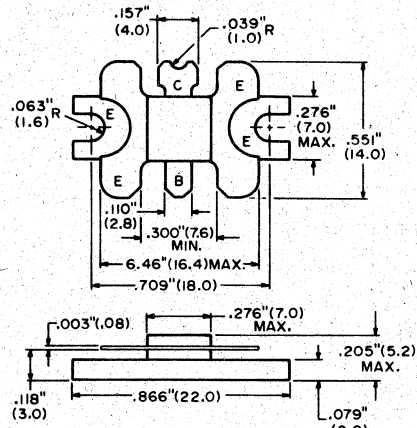
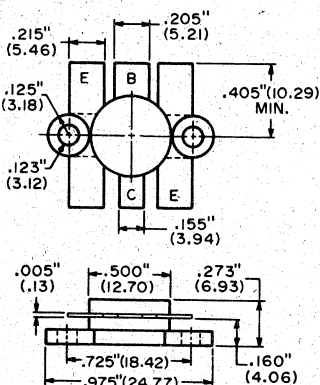


Fig. T60
RF-50F6
ECG
352
365
366
367
368
477
478
480



Transistor Outlines (cont'd)

Fig. T61
RF-38F6B
ECG
481
483
484

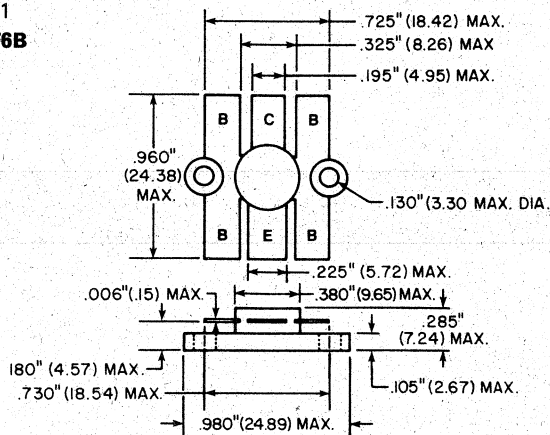


Fig. T62
RF-23F6
ECG
485

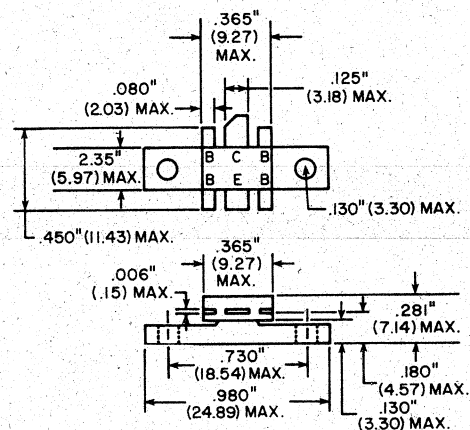


Fig. T63
RF-23F6E
ECG
482

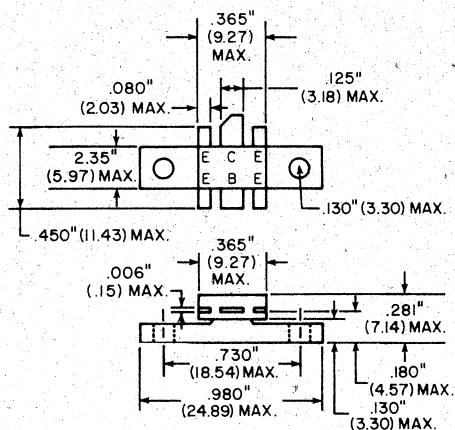
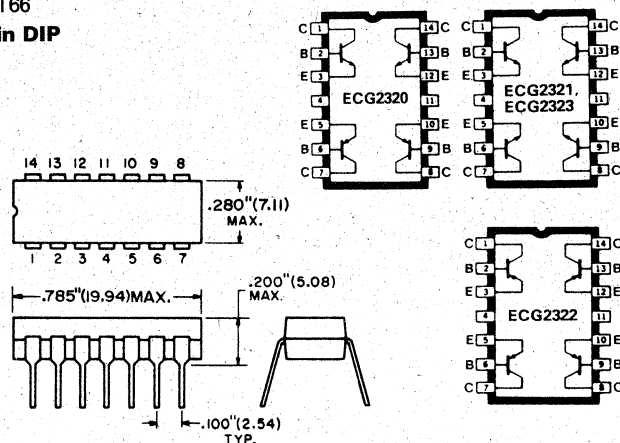


Fig. T66
14-Pin DIP
ECG
2320
2321
2322
2323



High Voltage Devices

High Voltage Multipliers

ECG Type	Max KV Output	Input KV Peak to Peak	Output Lead Length	Description	Ckt. Diag.	Fig. No.
ECG500A	30 at 2 mA	12	27 In.	6 Step Silicon Tripler with Focus Tap	A	H3
ECG501B	27 at 1.5 mA	10	27.5 In.	5 Step Silicon Tripler with Focus Tap	B	H1
ECG521	30 at 2 mA	12	19 In.	6 Step Silicon Tripler with Focus Tap	C	H4
ECG522	30 at 2 mA	12	29 In.	5 Step Silicon Tripler with Focus Tap	D	H3
ECG523/3306	30 at 2 mA	12	26 In.	5 Step Silicon Tripler - Internal Focus Divider Network	E	H10
ECG526A	30 at 2 mA	12	26 In.	5 Step Silicon Tripler - Internal Focus Divider Network	F	H10
ECG528	30 at 2 mA	12	16.5 In.	5 Step Silicon Tripler - Internal Focus Divider Network	G	H19
ECG529	30 at 2 mA	12	30 In.	5 Step Silicon Tripler with Damper Diode - Internal Focus Divider Network	H	H10
ECG530	30 at 2 mA	12	30 In.	6 Step Silicon Tripler - Internal Focus Divider Network	I	H10
ECG531	30 at 2 mA	12	24 In.	6 Step Silicon Tripler with Resistor to Focus Tap	J	H7
ECG532	30 at 2 mA	12	24 In.	6 Step Silicon Tripler with Resistor to Focus Tap	K	H7
ECG533	30 at 2 mA	12	25 In.	5 Step Silicon Tripler with Damper Diode and Resistor to Focus Tap	L	H7
ECG534	30 at 2 mA	12	26 In.	5 Step Silicon Tripler with Damper Diode	M	H5
ECG535	30 at 2 mA	12	30 In.	5 Step Silicon Tripler with Damper Diode and Bleeder Resistor	N	H11
ECG536A	30 at 2 mA	8	12 In.	8 Step Silicon Quadrupler with Focus Tap	O	H8
ECG537	30 at 2 mA	12	24 In.	5 Step Silicon Tripler with Damper Diode and Resistor to Focus Tap	P	H7
ECG538	30 at 2 mA	12	21 In.	5 Step Silicon Tripler with Damper Diode and Focus Tap	Q	H2
ECG539	30 at 2 mA	12	21 In.	5 Step Silicon Tripler with Damper Diode and Focus Tap	R	H1
ECG549	30 at 2 mA	12	18.5 In.	5 Step Silicon Tripotential Tripler with Damper Diode	S	H14
ECG550	30 at 2 mA	8	25 In.	7 Step Silicon Quadrupler with Damper Diode	T	H6
ECG556	30 at 2 mA	12	27 In.	5 Step Silicon Tripler with Damper Diode and Internal Focus Divider Network	V	H10
ECG557	30 at 2 mA	12	27 In.	5 Step Silicon Tripler with Damper Diode and Internal Focus Divider Network	W	H10
ECG559	28 at 2 mA	12	22 In.	5 Step Silicon Tripotential Tripler	X	H15
ECG560	30 at 2 mA	12	22 In.	5 Step Silicon Tripler with Internal Focus Divider Network	Y	H17
ECG561	28 at 2 mA	12	22 In.	5 Step Silicon Tripler with Damper Diode and Internal Focus Divider Network	Z	H18
ECG562	28 at 2 mA	12	22 In.	5 Step Silicon Tripotential Tripler with Damper Diode	AA	H16
ECG563	17 at 0.1 mA	10	8.5 In.	3 Step Silicon Doubler with Bleeder Resistor and Indicator Lamp	AB	H21
ECG564	21 at 1.5 mA	8	12.5 In.	5 Step Silicon Tripler with Internal Focus Divider Network	AC	H12
ECG565	30 at 2 mA	12	Plug-In	5 Step Silicon Tripler with Damper Diode and Bleeder Resistor	AD	H13

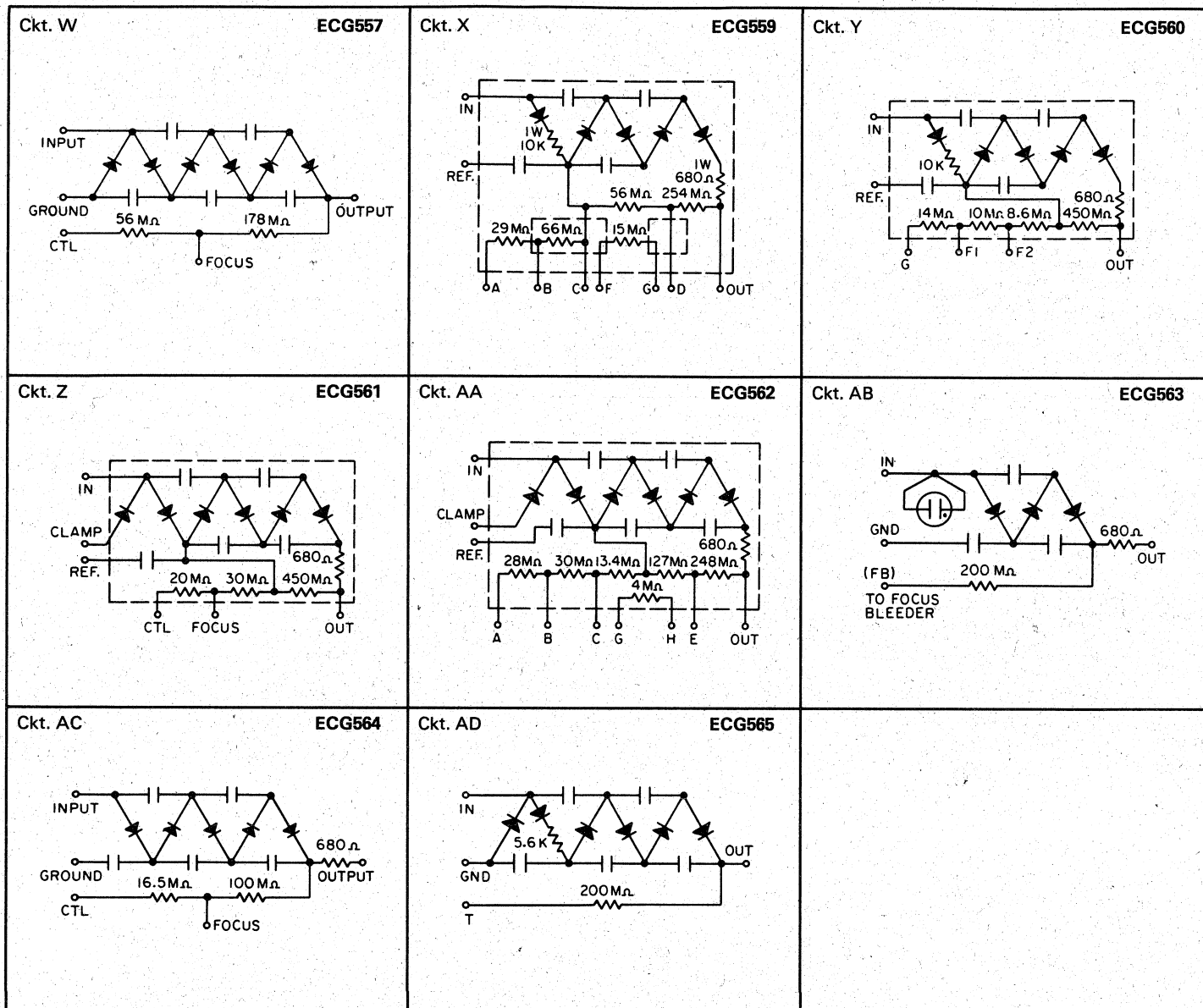
High Voltage Rectifier/Divider

ECG Type	Max KV Output	Input KV Peak to Peak	Output Lead Length	Description	Ckt. Diag.	Fig. No.
ECG568	33 at 1.5 mA	35	20 In.	HV Rectifier/Focus Divider Network	AE	H48
Ckt. AE		ECG568	Fig. H48 ECG568			

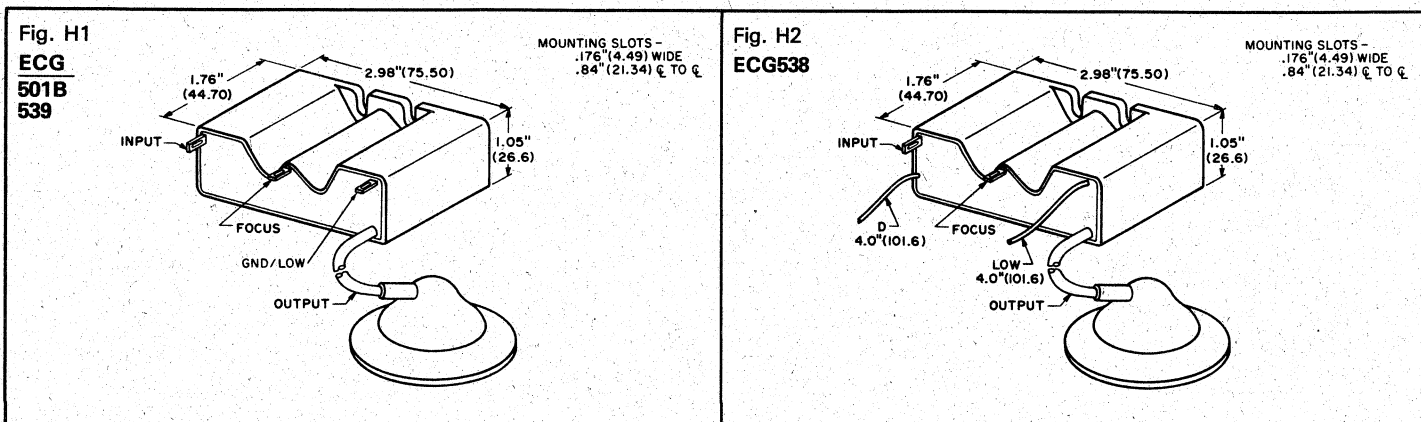
HV Multiplier Circuits

<p>Ckt. A ECG500A</p>	<p>Ckt. B ECG501B</p>	<p>Ckt. C ECG521</p>
<p>Ckt. D ECG522</p>	<p>Ckt. E ECG523/3306</p>	<p>Ckt. F ECG526A</p>
<p>Ckt. G ECG528</p>	<p>Ckt. H ECG529</p>	<p>Ckt. I ECG530</p>
<p>Ckt. J ECG531</p>	<p>Ckt. K ECG532</p>	<p>Ckt. L ECG533</p>
<p>Ckt. M ECG534</p>	<p>Ckt. N ECG535</p>	<p>Ckt. O ECG536A</p>
<p>Ckt. P ECG537</p>	<p>Ckt. Q ECG538</p>	<p>Ckt. R ECG539</p>
<p>Ckt. S ECG549</p>	<p>Ckt. T ECG550</p>	<p>Ckt. V ECG556</p>

HV Multiplier Circuits (cont'd)



HV Multiplier Outlines



HV Multiplier Outlines (cont'd)

Fig. H3

ECG

500A
522

MOUNTING SLOTS - .187" WIDE
4.06" LONG
3.375" ϕ TO ϕ

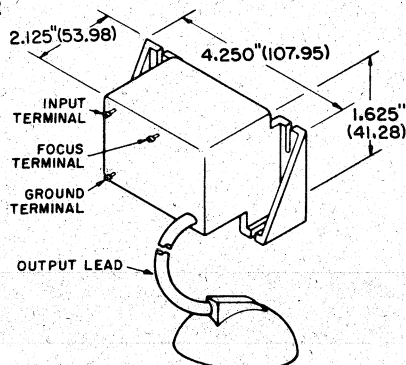


Fig. H4

ECG521

MOUNTING SLOTS - 4.8 WIDE
10.3 LONG
78.7 ϕ TO ϕ

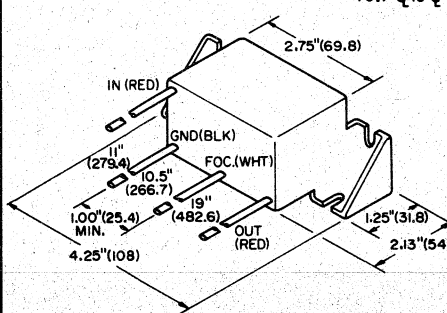


Fig. H5

ECG534

MOUNTING SLOTS - .19" (4.83) WIDE
3.38" (85.85) ϕ TO ϕ

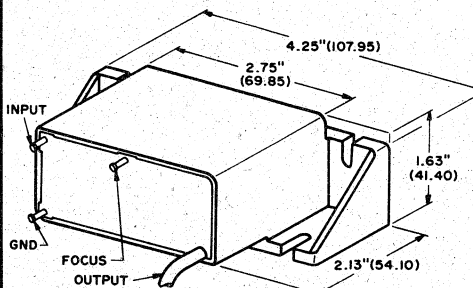


Fig. H6

ECG550

MOUNTING SLOTS
.19" (4.83) Wide
.40" (10.2) Long
3.38" (85.8) ϕ TO ϕ

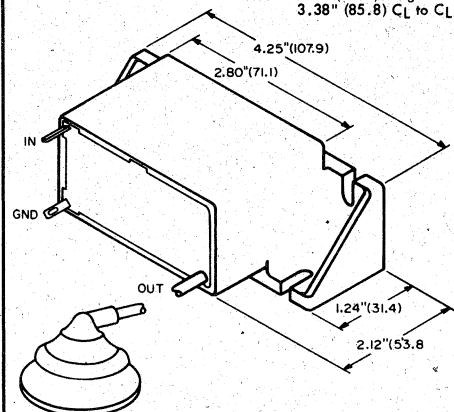


Fig. H7

ECG

531
532
533
537

MOUNTING HOLES - .19" (4.83) DIA.
.19" (4.83) X .25" (6.35)
3.375" (85.7) ϕ TO ϕ

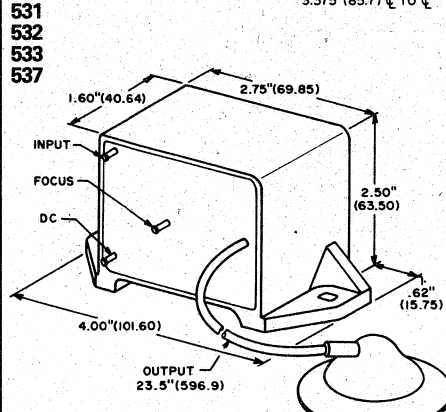


Fig. H8

ECG536A

MOUNTING HOLES - .19" (4.83) DIA.
.19" (4.83) X .25" (6.35)
3.375" (85.7) ϕ TO ϕ

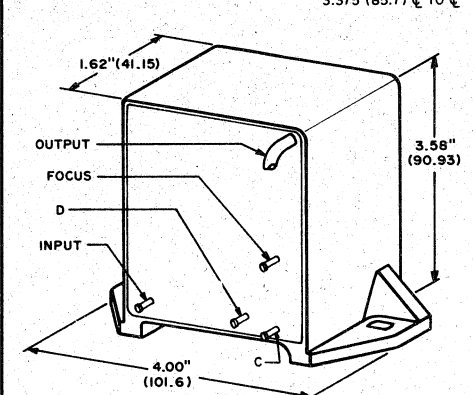
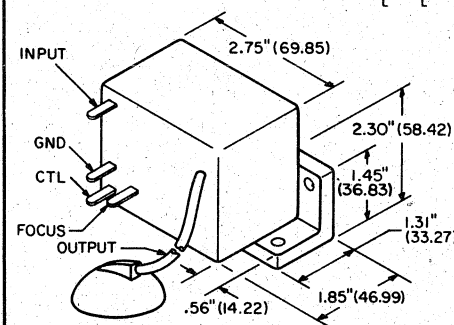


Fig. H9

ECG523/3306*

MOUNTING HOLES - .19" (4.83) X .25" (6.35)
3.39" (86.11) ϕ TO ϕ



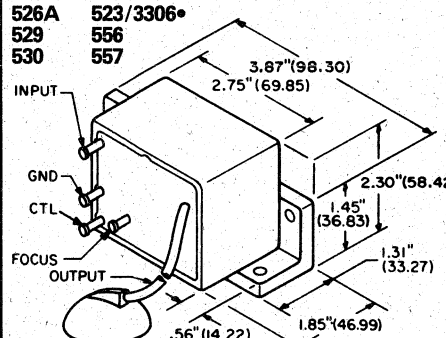
• Alt. Fig. H10

Fig. H10

ECG

526A
529
530
523/3306*
556
557

MOUNTING HOLES - .19" (4.83) DIA.
3.38" (85.85) ϕ TO ϕ



• Alt. Fig. H9

Fig. H11

ECG535

MOUNTING HOLES - .19" (4.83) DIA.
3.38" (85.85) ϕ TO ϕ

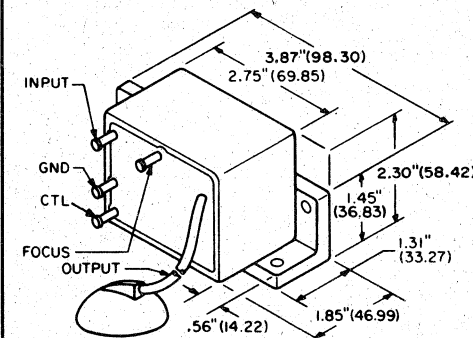


Fig. H12

ECG564

MOUNTING HOLES - .19" (4.83) DIA.
3.38" (85.85) ϕ TO ϕ

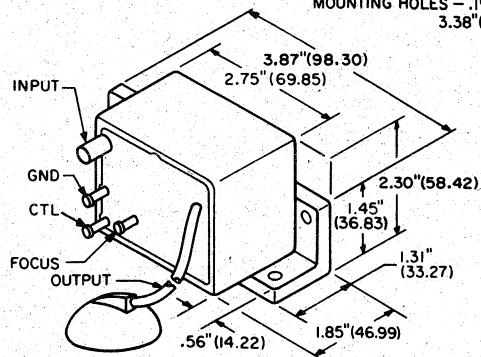
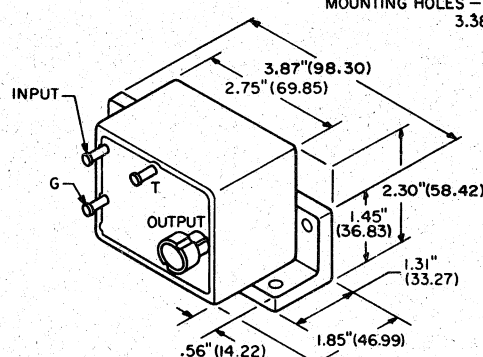


Fig. H13

ECG

565

MOUNTING HOLES - .19" (4.83) DIA.
3.38" (85.85) ϕ TO ϕ



HV Multiplier Outlines (cont'd)

Fig. H14
ECG
549

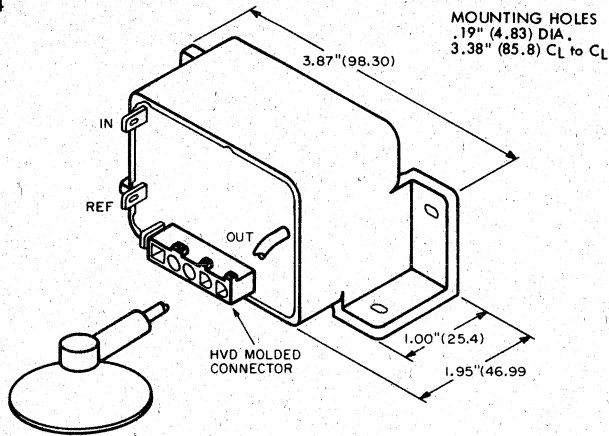


Fig. H15
ECG559

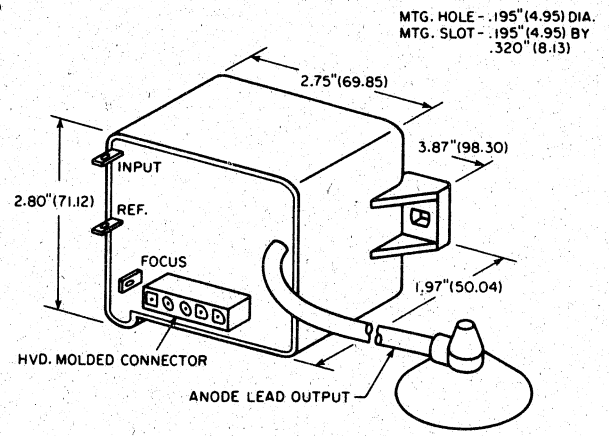


Fig. H16
ECG562

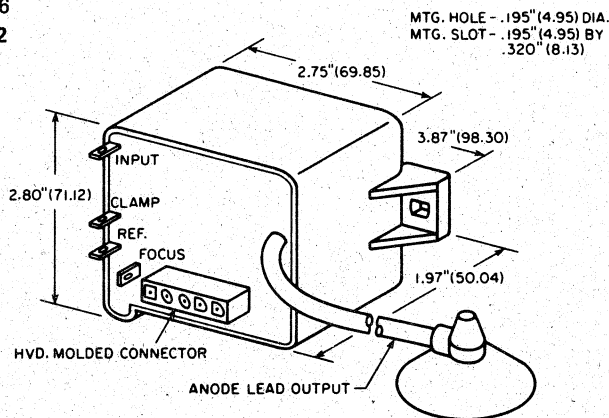


Fig. H17
ECG560

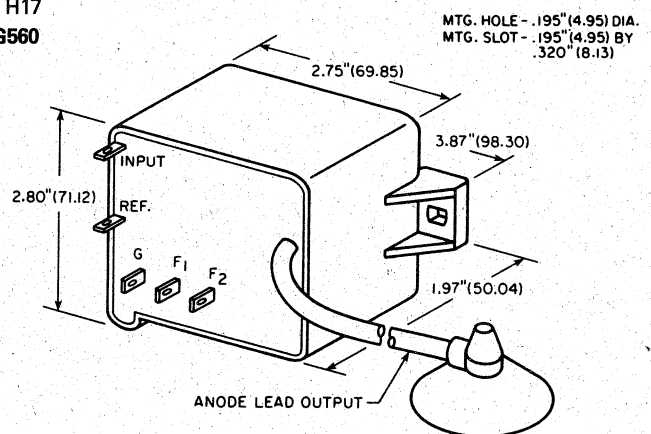


Fig. H18
ECG561

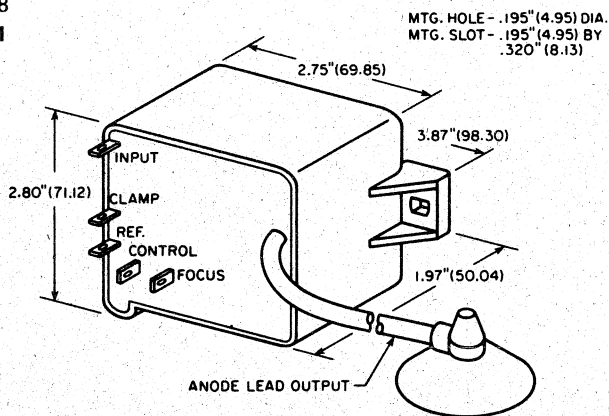
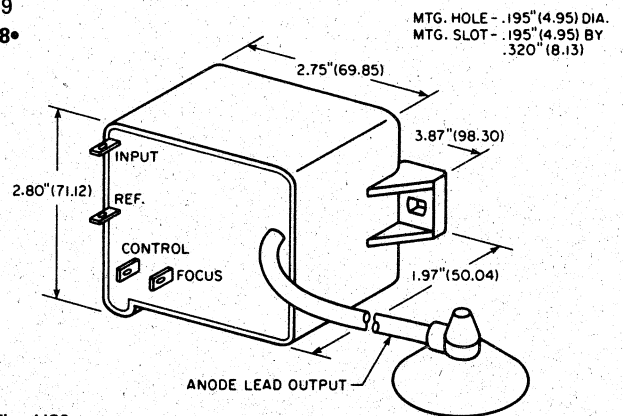
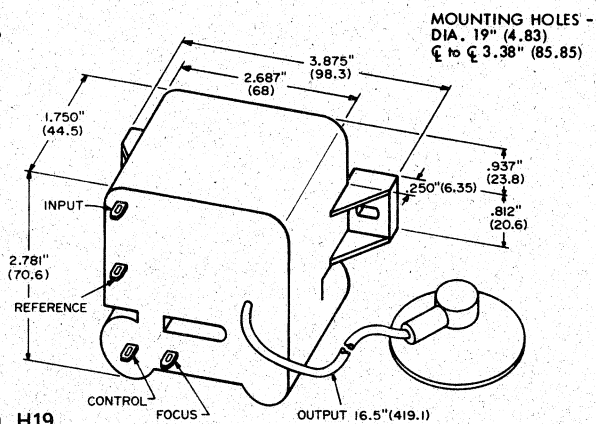


Fig. H19
ECG528*



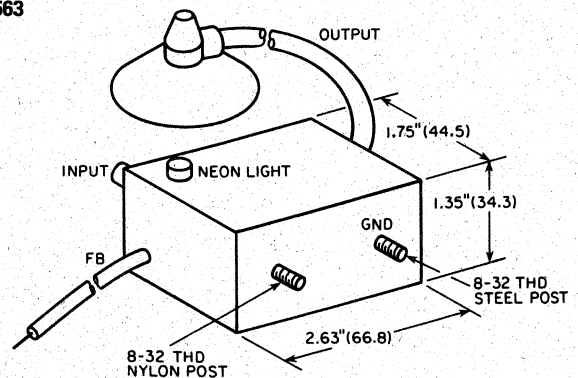
* Alt. Fig. H20

Fig. H20
ECG528*



* Alt. Fig. H19

Fig. H21
ECG563



HV Dividers/Focus Assemblies

ECG Type	Application and Description	Outline No.
HiDiv*-1	Resistive High Voltage Divider Assembly: 240 Megohms, tapped at 40 Megohms; Total Dissipation - 4 Watts; 35 KV max.	H22
HiDiv-2	Resistive High Voltage Divider Assembly: 300 Megohms, tapped at 50 Megohms; Total Dissipation - 4 Watts; 35 KV max.	H22
HiDiv-3	Resistive High Voltage Divider Assembly: 240 Megohms, tapped at 40 Megohms; Total Dissipation - 4 Watts; 35 KV max.	H23
HiDiv-4	Resistive High Voltage Divider Assembly: 300 Megohms, tapped at 50 Megohms; Total Dissipation - 4 Watts; 35 KV Max.	H24
HiDiv-12	Resistive High Voltage Divider Assembly: 300 Megohms, tapped at 50 Megohms; Total Dissipation - 4 Watts; 35 KV max.	H25

* Trademark of Philips ECG, Inc.

E

Fig. H22
HiDiv-1
HiDiv-2

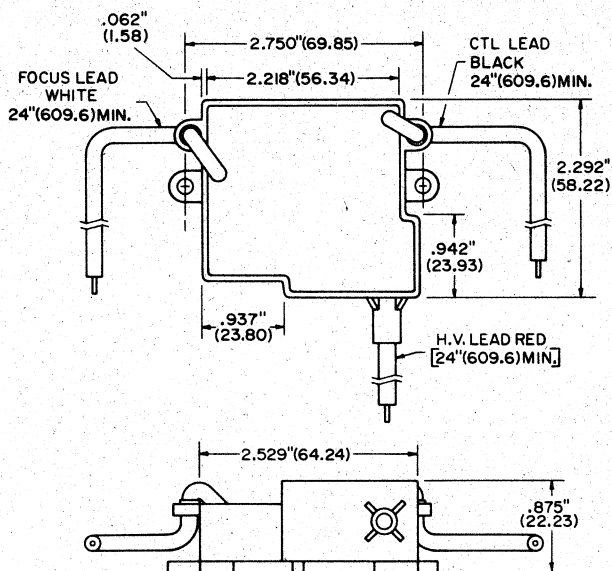


Fig. H23
HiDiv-3

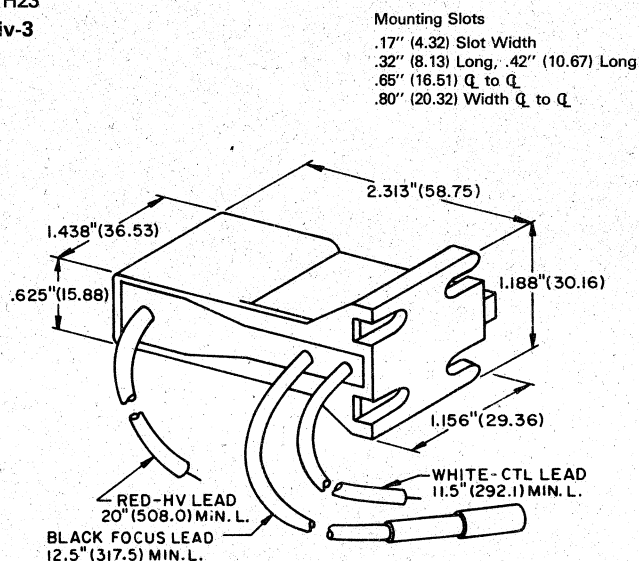


Fig. H24
HiDiv-4

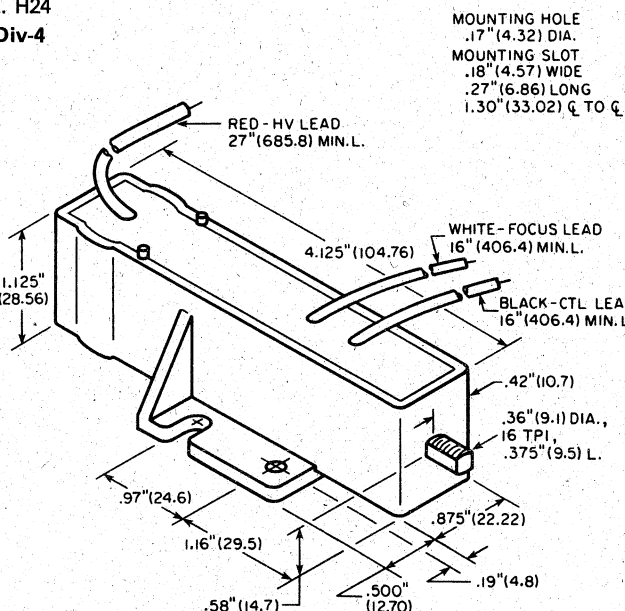
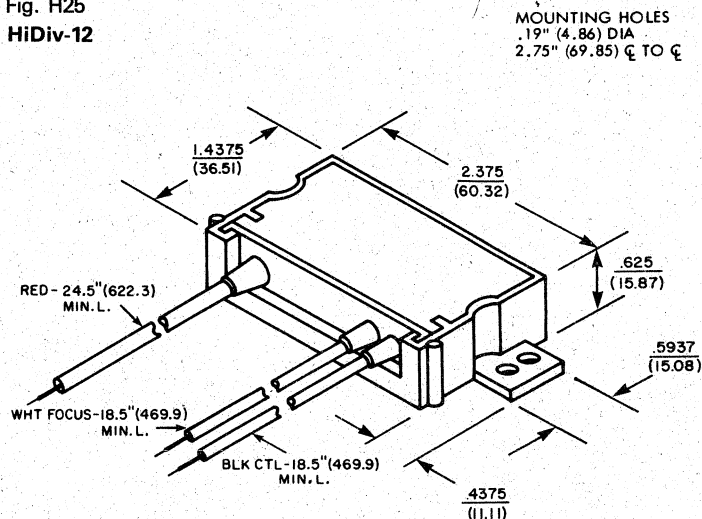


Fig. H25
HiDiv-12



HV Rectifiers (Silicon Industrial/Microwave Oven)

ECG Type	Minimum Breakdown Voltage VB	Maximum Surge Current (Nonrep.) IFSM A	Average Output Current IO mA	Maximum Forward Voltage Dro-VFM V	Maximum Reverse Leakage Current IRM μ A	Fig. No.
ECG540	12 kV at 100 μ A	25	600 at TC 55°C	--	1.0 at 5 kV	H26
ECG541	10 kV at 1.0 mA	50	750 at TA 40°C	8.5 at 750 mA	10 at 5 kV	H27
ECG542	15 kV at 10 μ A	50	350 at TA 50°C	13.5 at 350 mA	1.0 at 12 kV	H28
ECG543	15 kV at 10 μ A	50	350 at TA 50°C	13.5 at 350 mA	1.0 at 12 kV	H29
ECG544	12 kV at 1.0 mA	25	500 at TA 40°C	12 at 500 mA	10 at 8 kV	H30
ECG547	12 kV	50	400 at TA 25°C	15 at 100 mA	1.0 at 9 kV	H33
ECG548	12 kV at 100 μ A	250	750 at TC 50°C	14 at 750 mA	1.0 at 10 kV	H34

Fig. H26
ECG540

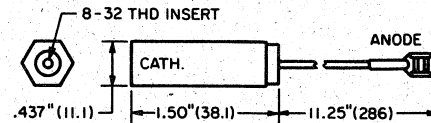


Fig. H27
ECG541

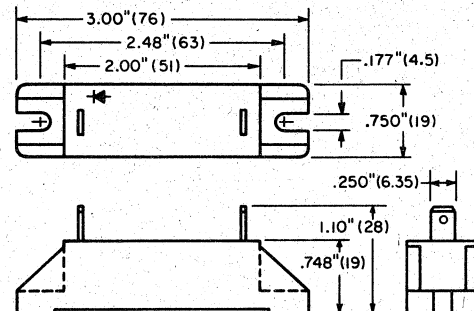
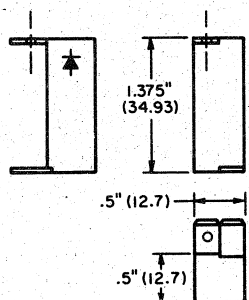


Fig. H28
ECG542



POS. TERMINAL HAS MOUNTING HOLE FOR NO. 8 SCREW

Fig. H29
ECG543

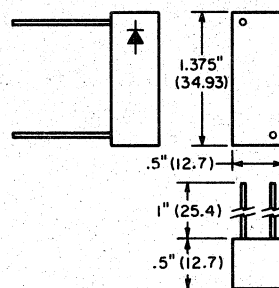


Fig. H30
ECG544

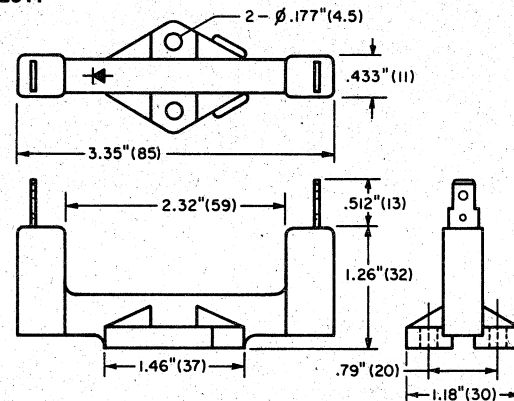


Fig. H33
ECG547

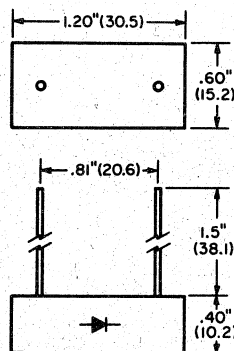
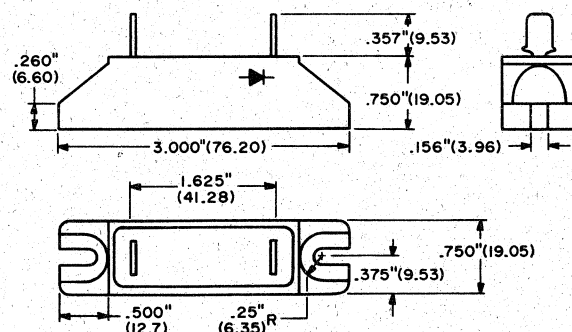
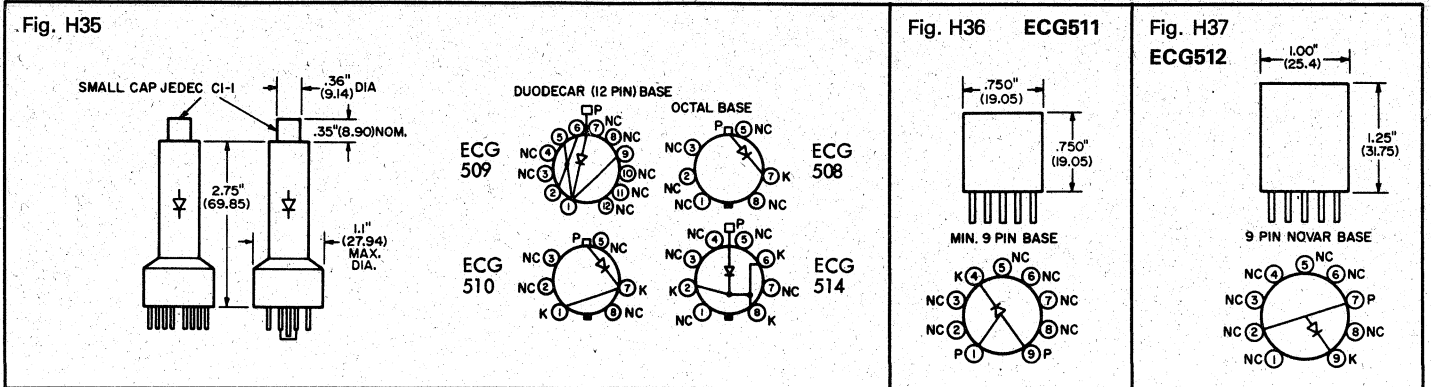


Fig. H34
ECG548

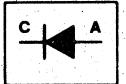


HV Rectifiers (Solid State Replacement for TV)

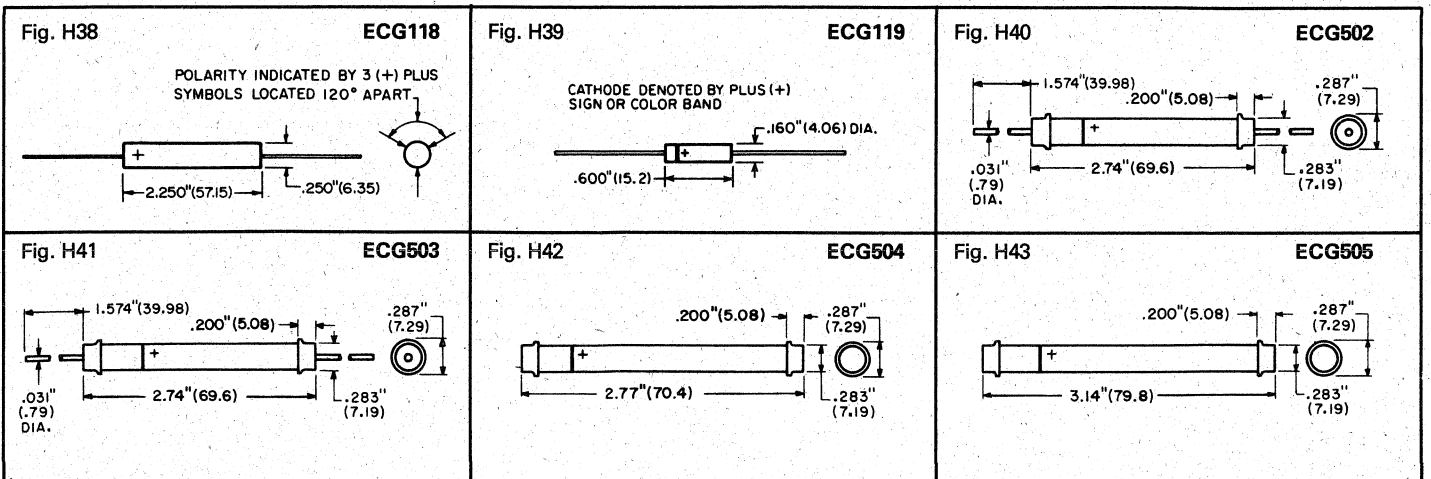
ECG Type	Application Replaces Following Tube Types:	Peak Reverse Volts	Peak Repetitive Forward Current (mA)	Average Forward Current IF (mA)	Forward Voltage Drop VF (V)	Fig. No.
ECG508/R-3A3	1AU3, 1B3, 1G3, 1J3, 1K3, 1N2, 2CN3, 3A3, 3AW3, 3B2, 3CA3, 3CN3, 3CU3, 3CV3, 3CZ3	45,000	110	5	50 at 5 mA	H35
ECG509/R-3AT2	3AT2, 3AW2, 3BL2, 3BM2, 3BN2	45,000	110	5	50 at 5 mA	H35
ECG510/R-3DB3	3CY3, 3DB3, 3DJ3	45,000	110	5	50 at 5 mA	H35
ECG511/R-2AV2	1AU2, 1V2, 2AV2	9,000	100	5	20 at 5 mA	H36
ECG512/R-6DW4	6BA3, 6BH3, 6BS3, 6CH3, 6CJ3, 6CK3, 6CL3, 6CM3, 6DW4	6,000	1300	250	10 at 350 mA	H37
ECG514/R-3DS3	3DR3, 3DS3	45,000	110	5	50 at 5 mA	H35



HV Rectifiers (Selenium)

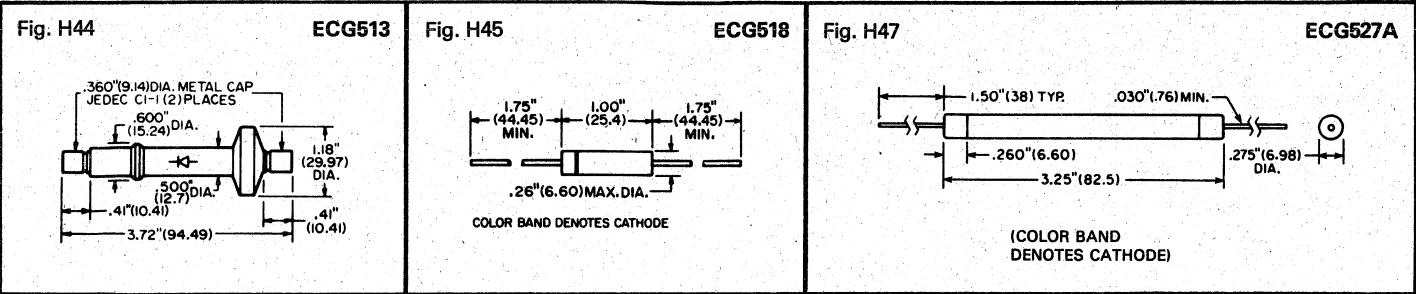


ECG Type	Description and Application	Limit Conditions		Operating Conditions				Fig. No.
		PRV No-Load	Peak Input Pulse Volts	DC Output Volts	Peak Input Pulse Volts	Forward Current 50°C Max IF (mA)	Forward Voltage Drop VF (VDC)	
ECG118	TV HV Focus Rect	7,500	9,000	6,500	7,800	0.5	130 at 0.5 mA	H38
ECG119	TV HV Boost Rect	560	827	--	550	2.2	12 at 2.5 mA	H39
ECG502	TV HV Rect	12,400	14,500	11,000	13,200	0.5	220 at 2.5 mA	H40
ECG503	TV HV Rect	14,400	17,300	13,000	15,600	0.5	260 at 2.5 mA	H41
ECG504	TV HV Rect	19,500	23,400	18,000	21,600	0.5	360 at 3 mA	H42
ECG505	TV HV Rect	21,400	25,400	20,000	24,000	0.5	400 at 3 mA	H43



HV Rectifiers (Silicon)

ECG Type	Application	Peak Reverse Volts	Peak Repetitive Forward Current (mA)	Average Forward Current I _F (mA)	Forward Voltage Drop V _F	Fig. No.
ECG513	TV HV Rect	45,000	200	5	75 V at 50 mA	H44
ECG518	TV HV Rect	10,000	---	5	20 V at 5 mA	H45
ECG527A	TV HV Rect	35,000	100	2.2	60 V at 10 mA	H47



Diodes and Rectifiers (General Purpose)



ECG Type	Description		Peak Reverse Voltage PRV Max V	Average Rectified Forward Current I _O Max	Forward Current Repetitive Peak IFRM Max	Reverse Recovery Time t _{rr}	Forward Voltage Drop Max V _F	AFC	Fast Sw	Gen Purp	Fast Recovery	Fig. No.
ECG109	Gen Purp	Ge	100	200 mA	---	---	---			•		Z2
ECG110A	Gen Purp	Ge	40	50 mA	150 mA	---	---			•		Z2
ECG110MP	Matched Diode Pair	Ge	30	15 mA at 60°C	---	---	---	•		•		Z2
ECG112	UHF Mixer (Schottky)	Si	5	25 mA	---	---	.5 at 60 mA					Z4
ECG113A	Common Cathode Dual Diode, Center Tap, TV Horiz	Si	100	1.5 A	---	---	0.95 V at 1 A	•		•		Z15
ECG114	Series Dual Diodes, TV Horiz	Se	20	min 1.1 mA	---	---	---	•		•		Z12
ECG115	Common Anode, Dual Diode, TV Horiz AFC	Se	20	min 1.1 mA	---	---	---	•		•		Z12
ECG116	Gen Purp Rect	Si	600	1 A	---	---	0.8 V at 1 A			•		Z3
ECG117A	Gen Purp Rect, Metal Case	Si	1000	1.5 A	---	---	0.9 V			•		Z10
ECG120	Color TV Convrg Rect	Se	18	65 mA	---	---	---			•		Z17
ECG125	Gen Purp Rect	Si	1000	2.5 A at 25°C Lead Temp	---	---	0.8 V at 1 A			•		Z3
ECG156	Gen Purp Rect	Si	1000	3 A	---	---	1.1 V at 1.5 A			•		Z6
ECG173BP	TV Damper	Si	5000	600 mA	8 A	4 μs	4.4 V at 500 mA					Z16
ECG177	Fast Sw, Det, etc.	Si	200	160 mA	250 mA	50 ns	1.0 V at 100 mA		•			Z4
ECG178MP	Matched Diode Pair, AFC, AFT, etc.	Si	50	75 mA	100 mA	---	1.0 V at 5 mA	•				Z5
ECG506	Sw, Fast Recovery, Bst Damper, Blanking	Si	1400	2 A	3.5 A	500 ns	1.0 V at 1 A		•		•	Z6
ECG507	Gen Purp Rect, Gating, Centering	Si	50	250 mA	---	3 μs	1.0 V at 1 A			•		Z6
ECG515	Sw, Fast Recovery, SCR Defl Clamp	Si	800	3 A	9 A	1.3 μs	1.3 V at 4 A		•		•	Z8
ECG519	Fast Sw Diode	Si	100 (BRV)	200 mA	450 mA	4 ns	1.0 V at 10 mA		•			Z4
ECG525	Sw, Fast Recovery, Damper	Si	2000	1 A	---	500 ns (Fwd Rec)	2 V at 2 A		•		•	Z6
ECG551	Sw, Fast Recovery, Damper, Metal Case	Si	1500	1 A	---	1 μs	1.5 V at 2 A		•		•	Z9
ECG552	Gen Purp Rect, Fast Recovery	Si	600	1 A	---	200 ns	1.5 V at 250 mA		•	•	•	Z3
ECG558	Gen Purp Rect, Fast Recovery, HV	Si	1500	1 A	---	250 ns	1.2		•	•	•	Z6
ECG580	Gen Purp Rect, Fast Recovery	Si	600	3 A	Single Surge 100 A	250 ns	1.3 V at 3 A		•	•	•	Z1A
ECG581	Gen Purp Rect, Fast Recovery	Si	400	8 A	Single Surge 150 A	200 ns	1.2 V at 3 A		•	•	•	Z41A
ECG582	TV Damper	Si	6000	300 mA	Single Surge 100 A	300 ns	8.0 V at 100 mA				•	Z17A
ECG583	Detector, Mixer, (Schottky) Hot Carrier Modulator	Si	70	15 mA	---	1 ps	.41 V at 1 mA	•	•	•	•	Z4
ECG584	Detector, Mixer, (Schottky) Hot Carrier Modulator	Si	20	35 mA	---	1 ps	.41 V at 1 mA	•	•	•	•	Z4

Diodes and Rectifiers (General Purpose) (cont'd)

ECG Type	Description		Peak Reverse Voltage PRV Max V	Average Rectified Forward Current IO Max	Forward Current Repetitive Peak IFRM Max	Reverse Recovery Time trr	Forward Voltage Drop Max VF	AFC	Fast Sw	Gen Purp	Fast Recovery	Fig. No.
ECG585	Schottky Barrier Rect	Si	40	1 A	25 A	---	.6 V at 1 A		●		●	Z3
ECG586	Schottky Barrier Rect	Si	40	3 A	80 A	---	.525 V at 3 A		●		●	Z6A
ECG587	Sw, Ultra Fast Recovery	Si	200	1 A	30 A	35 ns	.95 V at 1 A		●	●	●	Z3
ECG588	Sw, Ultra Fast Recovery	Si	200	3 A	125 A	35 ns	.95 V at 3 A		●	●	●	Z6A
ECG590	Common Cathode Dual Diode, Hi Speed Sw	Si	75	200 mA 100 mA /Leg	300 mA	4 ns	1.2 V at 100 mA		●			Z67
ECG591	Common Anode Dual Diode, Hi Speed Sw	Si	75	200 mA 100 mA /Leg	300 mA	4 ns	1.2 V at 100 mA		●			Z67
ECG592	Gen Purp, Sw	Si	200	200 mA	625 mA	50 ns	1 V at 200 mA		●	●		Z69
ECG593	Hi Speed Sw, Det	Si	75	250 mA	250 mA	6 ns	1 V at 250 mA		●		●	Z69
ECG594	Band Sw, $r_D = .7 \Omega$ at 200 MHz	Si	35	100 mA	---	---	1.2 V at 100 mA					Z69
ECG595	Common Cathode Dual Diode, Hi Speed Sw, Gen Purp	Si	70	500 mA 250 mA /Leg	250 mA	6 ns	1 V at 250 mA	●	●	●	●	Z69
ECG596	Common Anode Dual Diode, Hi Speed Sw, Gen Purp	Si	70	500 mA 250 mA /Leg	250 mA	6 ns	1 V at 250 mA	●	●	●	●	Z69

Microwave Mixer Diodes

Type No.	Test Freq. (MHz)	Noise Figure (dB)	I.F. IMPED. @ 30 MHz (Ohms)	VSWR Max. Ratio	Burn Out (ERGS)	Fig. No.
1N415C	9375	9.5	325-475	1.5	2.0	Z64
1N415E	9375	7.5	335-465	1.3	2.0	Z64
1N416C	3060	8.3	300-700	---	2.0	Z64
1N416E	3060	7.0	350-450	1.3	5.0	Z64

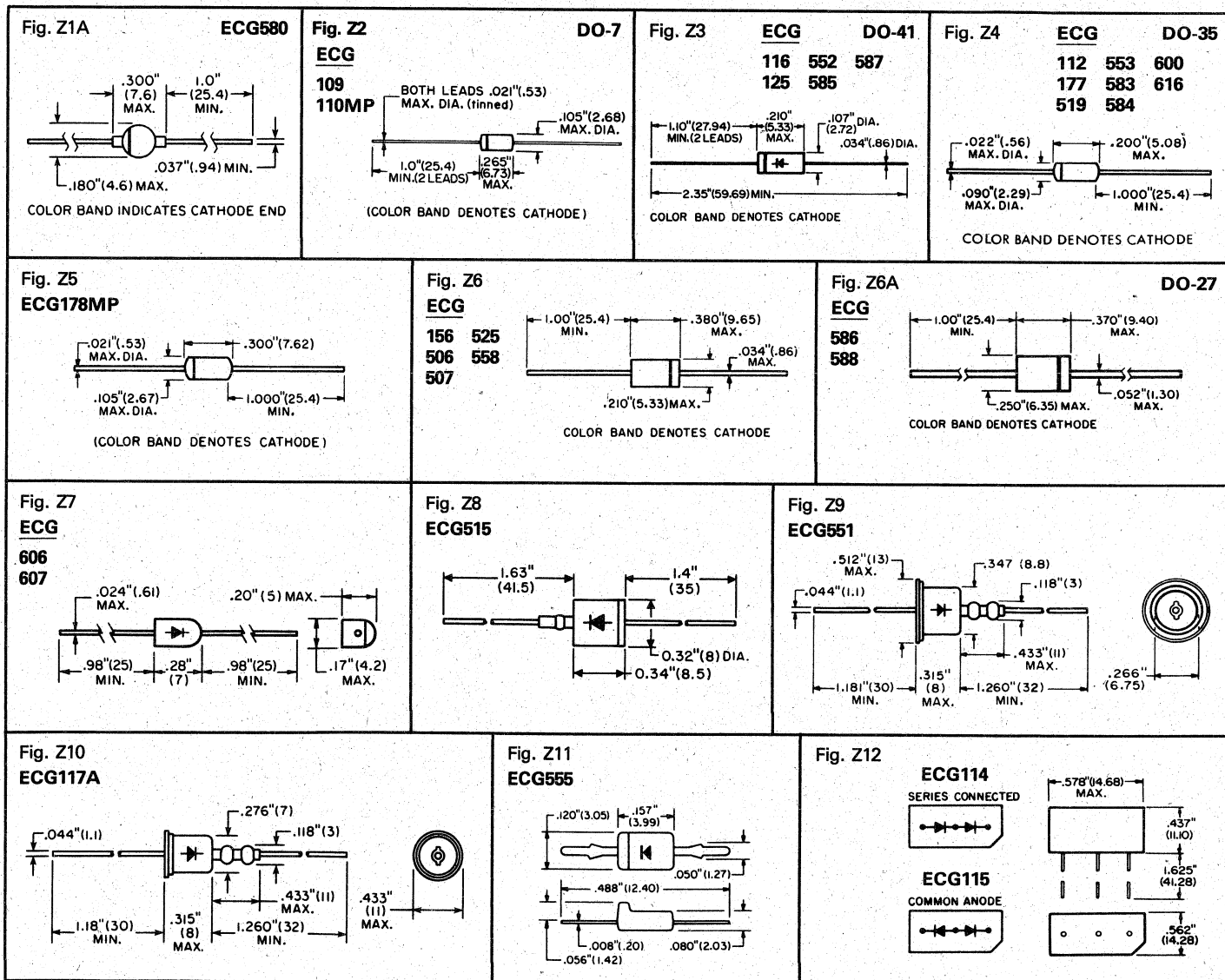


PIN Diodes

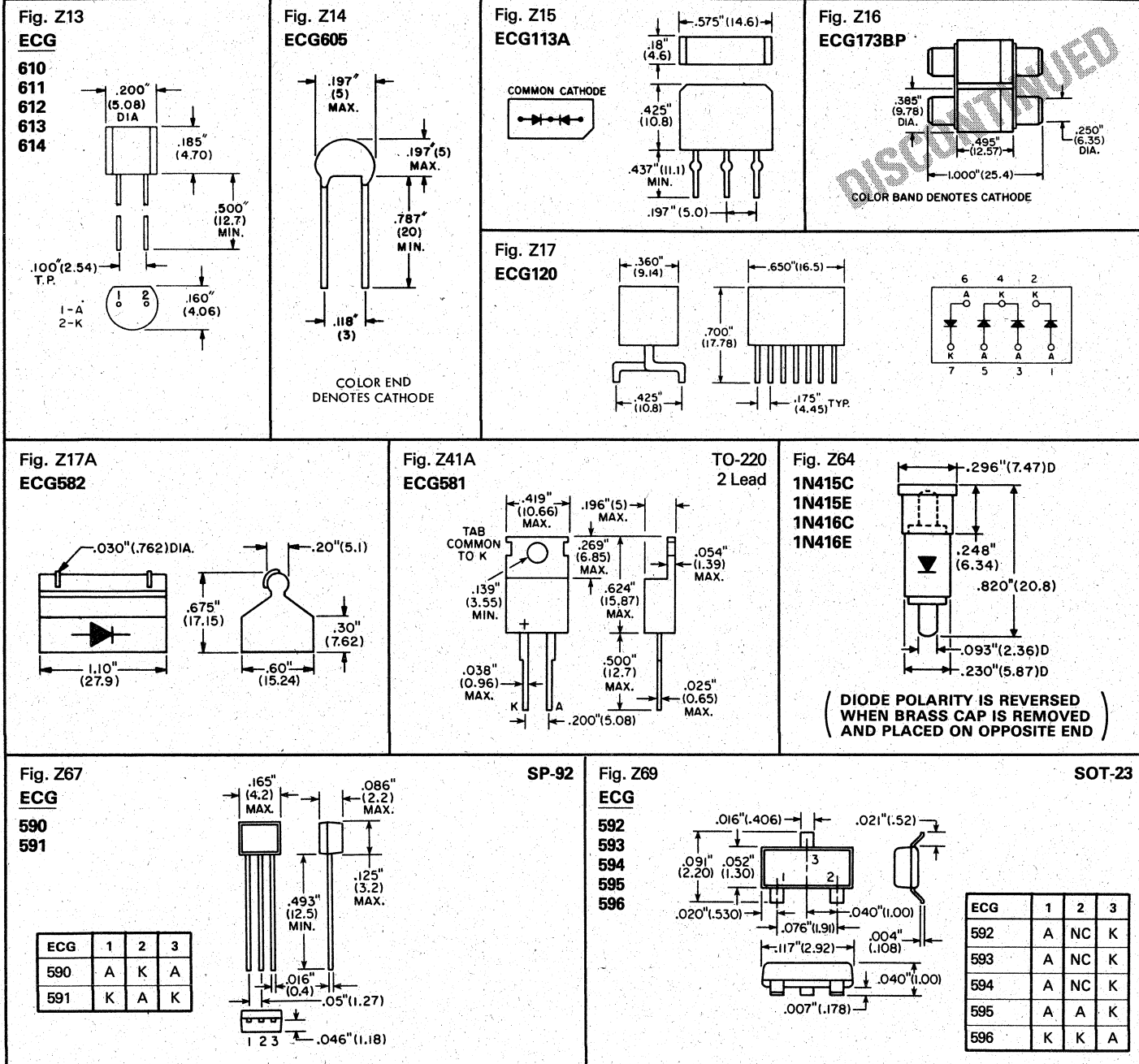
ECG Type	Description and Application	Max. Power (mW)	V (BR) R Min. (Volts)	IR Max. (nA)	C _T Max. (pf)	LS Typ. (nH)	RA Max. (Ohms)	Fig. No.
ECG553	Si PIN Diode, UHF, VHF Switch	200	30	150	2	2.5	1.2	Z4
ECG555	Si PIN Diode, Gen Purp & VHF Switch	400	35	100	1	3.0	0.7	Z11

F

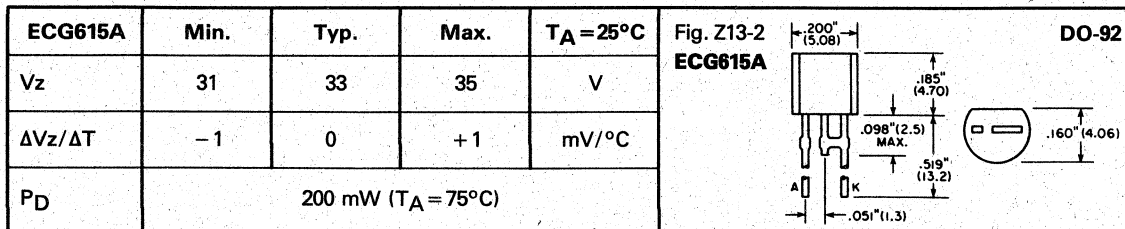
Diode and Rectifier Outlines



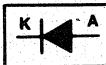
Diode and Rectifier Outlines (cont'd)



Voltage Regulator for Electronic Tuner



Varistors (Temperature Compensating Diodes)



ECG Type	Description	Forward Current IF mA	Forward Voltage VF			Fig. No.	Fig. Z2	ECG605A	Fig. Z4	DO-35 ECG600 ECG601
			Min. Volts	Max. Volts	Change Per °C in mV					
ECG600	Silicon	10	0.63 at 3 mA	0.69 at 3 mA	2	Z4				
ECG601	Silicon	20	0.56 at 1.5 mA	0.61 at 1.5 mA	1.5	Z4				
ECG605A	Silicon	100	1.26 at 3 mA	1.36 at 3 mA	4.6	Z2				

Varistors (Voltage Compensating Diodes)

ECG Type	Forward Characteristics	Maximum Forward DC Current	Maximum Surge Current for 10 msec	Reverse Characteristics	Fig. Z7	ECG 606 607
ECG606	1.8 V ± 0.2 V at 1 mA 2.3 V ± 0.25 V at 70 mA	150 mA	27 A	10 μA Max at 100 V		F
ECG607	2.35 V ± 0.25 V at 1 mA 3.0 V ± 0.3 V at 70 mA	100 mA	25 A	10 μA Max at 100 V		

Varactors (Variable Capacitance Diodes)



ECG Type	Cap. at 4 Volts pF	Cap. Ratio C ₂ /C ₃₀	Reverse Voltage V _R Volts Max.	Forward Current I _F mA Max.	Device Diss. P _D mW Max.	Fig. Z13	ECG 610 611 612 613 614
ECG610	6.8	2.7	30	200	280		
ECG611	10.0	2.9	30	200	280		
ECG612	12.0	2.9	30	200	280		
ECG613	22.0	2.9	30	200	280		
ECG614	33.0	3.2	30	200	280		

Matched Varactors (Variable Capacitance Diodes) (Matched Set of Four)

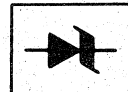
ECG Type	Matched Cap. at 3 Volts pF	Cap. Ratio C ₃ /C ₂₅	Reverse Voltage V _R Volts Max.	Max. Osc. Freq. at 3 V GHz	Series Inductance L _s (nH)	Series Resistance R _s Max. Ohms	Fig. Z4	ECG616
ECG616	11	5.5	30	24	2.5	0.8		

Varactors (Radio Tuning Diodes)

ECG Type	Application Band	Cap. I _n pF	Cap. I _n pF	Cap. Ratio	Reverse Voltage V _R Max Volts	Q Min. @ 100 MHz	Fig. No.	Fig. Z13-1	ECG617	Fig. Z13-2	ECG618
ECG617	FM Tuning	39 at 3 V	15 at 30 V	2.6	32	100 at 3 V	Z13-1				
ECG618	AM Tuning	440 at 1.2 V	22 at 8 V	15.5	12	200 at 1 V	Z13-2				

Zener Diodes

Note: 10 watt and 50 watt Zeners listed have anode connected to stud. Add suffix letter "K" to the ECG number for cathode connected to stud. The ECG type numbers shown have a standard tolerance for the Zener voltage of +5%.



Voltage (See Note for Tolerance)	Axial Lead			Stud Mount	
	Fig. No. Z3A		Z18	DO-4 Z19	DO-5 Z20
	½ Watt†	1 Watt†	5 Watt	10 Watt	50 Watt
2.4	ECG5000A	---	---	---	---
2.5	ECG5001A	---	---	---	---
2.7	ECG5002A	ECG5063A	---	---	---
2.8	ECG5003A	---	---	---	---
3.0	ECG5004A	ECG5065A	---	---	---
3.3	ECG5005A	ECG5066A	ECG5111A	ECG5172A	---
3.6	ECG5006A	ECG134A	ECG5112A	ECG5173A	---
3.9	ECG5007A	ECG5067A	ECG5113A	ECG5174A	ECG5240A
4.3	ECG5008A	ECG5068A	ECG5114A	ECG5175A	ECG5241A
4.7	ECG5009A	ECG5069A	ECG5115A	ECG5176A	ECG5242A
5.1	ECG5010A	ECG135A	ECG5116A	ECG5177A	ECG5243A
5.6	ECG5011A	ECG136A	ECG5117A	ECG5178A	ECG5244A
6.0	ECG5012A	ECG5070A	ECG5118A	ECG5179A	ECG5245A
6.2	ECG5013A	ECG137A	ECG5119A	ECG5180A	ECG5246A
6.8	ECG5014A	ECG5071A	ECG5120A	ECG5181A	ECG5247A
7.5	ECG5015A	ECG138A	ECG5121A	ECG5182A	ECG5248A
8.2	ECG5016A	ECG5072A	ECG5122A	ECG5183A	ECG5249A
8.7	ECG5017A	ECG5073A	ECG5123A	ECG5184A	ECG5250A
9.1	ECG5018A	ECG139A	ECG5124A	ECG5185A	ECG5251A
10.0	ECG5019A	ECG140A	ECG5125A	ECG5186A	ECG5252A
11.0	ECG5020A	ECG5074A	ECG5126A	ECG5187A	ECG5253A
11.5	---	ECG141A	---	---	---
12.0	ECG5021A	ECG142A	ECG5127A	ECG5188A	ECG5254A
13.0	ECG5022A	ECG143A	ECG5128A	ECG5189A	ECG5255A
14.0	ECG5023A	ECG144A	ECG5129A	ECG5190A	ECG5256A
15.0	ECG5024A	ECG145A	ECG5130A	ECG5191A	ECG5257A
16.0	ECG5025A	ECG5075A	ECG5131A	ECG5192A	ECG5258A
17.0	ECG5026A	ECG5076A	ECG5132A	ECG5193A	ECG5259A
18.0	ECG5027A	ECG5077A	ECG5133A	ECG5194A	ECG5260A
19.0	ECG5028A	ECG5078A	ECG5134A	ECG5195A	ECG5261A
20.0	ECG5029A	ECG5079A	ECG5135A	ECG5196A	ECG5262A
22.0	ECG5030A	ECG5080A	ECG5136A	ECG5197A	ECG5263A
24.0	ECG5031A	ECG5081A	ECG5137A	ECG5198A	ECG5264A
25.0	ECG5032A	ECG5082A	ECG5138A	ECG5199A	ECG5265A
27.0	ECG5033A	ECG146A	ECG5139A	ECG5200A	ECG5266A
28.0	ECG5034A	ECG5083A	ECG5140A	ECG5201A	ECG5267A
30.0	ECG5035A	ECG5084A	ECG5141A	ECG5202A	ECG5268A
33.0	ECG5036A	ECG147A	ECG5142A	ECG5203A	ECG5269A
36.0	ECG5037A	ECG5085A	ECG5143A	ECG5204A	ECG5270A
39.0	ECG5038A	ECG5086A	ECG5144A	ECG5205A	ECG5271A
43.0	ECG5039A	ECG5087A	ECG5145A	ECG5206A	ECG5272A
45.0	---	---	---	ECG5207A	ECG5273A
47.0	ECG5040A	ECG5088A	ECG5146A	ECG5208A	ECG5274A
50.0	---	---	---	ECG5209A	ECG5275A
51.0	ECG5041A	ECG5089A	ECG5147A	ECG5210A	ECG5276A
52.0	---	---	---	ECG5211A	ECG5277A
55.0	---	ECG148A	---	---	---
56.0	ECG5042A	ECG5090A	ECG5148A	ECG5212A	ECG5278A
60.0	ECG5043A	ECG5091A	ECG5149A	ECG5213A	ECG5279A
62.0	ECG5044A	ECG149A	ECG5150A	ECG5214A	ECG5280A
68.0	ECG5045A	ECG5092A	ECG5151A	ECG5215A	ECG5281A
75.0	ECG5046A	ECG5093A	ECG5152A	ECG5216A	ECG5282A
82.0	ECG5047A	ECG150A	ECG5153A	ECG5217A	ECG5283A
87.0	ECG5048A	ECG5094A	ECG5154A	ECG5218A	---
91.0	ECG5049A	ECG5095A	ECG5155A	ECG5219A	ECG5284A
100.0	ECG5050A	ECG5096A	ECG5156A	ECG5220A	ECG5285A
105.0	---	---	---	ECG5221A	ECG5286A
110.0	ECG5051A	ECG151A	ECG5157A	ECG5222A	ECG5287A
120.0	ECG5052A	ECG5097A	ECG5158A	ECG5223A	ECG5288A
123.0*	ECG5107T2	---	---	---	---
130.0	ECG5053A	ECG5098A	ECG5159A	ECG5224A	ECG5289A
140.0	ECG5054A	ECG5099A	ECG5160A	ECG5225A	ECG5290A
150.0	ECG5055A	ECG5100A	ECG5161A	ECG5226A	ECG5291A
160.0	ECG5056A	ECG5101A	ECG5162A	ECG5227A	ECG5292A
170.0	ECG5057A	ECG5102A	ECG5163A	ECG5228A	---
175.0	---	---	---	ECG5229A	ECG5293A
180.0	ECG5058A	ECG5103A	ECG5164A	ECG5230A	ECG5294A
190.0	ECG5059A	ECG5104A	ECG5165A	ECG5231A	ECG5295A
200.0	ECG5060A	ECG5105A	ECG5166A	ECG5232A	ECG5296A

1% Tolerance - ½ Watt

ECG Type	Nominal Zener Voltage @ T _A = 25°C V _Z @ I _{ZT} = 20 mA*
ECG5010T1	5.1
ECG5011T1	5.6
ECG5013T1	6.2
ECG5019T1	10
ECG5021T1	12

Fig. Z4

COLOR BAND DENOTES CATHODE

* I_{ZT} = Test Current

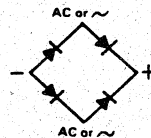
<p>Fig. Z3A</p> <p>COLOR BAND DENOTES CATHODE</p>	<p>Fig. Z18</p> <p>COLOR BAND DENOTES CATHODE</p>
<p>Fig. Z19</p> <p>DO-4 - Torque To 15 in.-lbs. min; 20 in.-lbs. max.</p>	<p>Fig. Z20</p> <p>DO-5 - Torque To 25 in.-lbs. min; 30 in.-lbs. max.</p>

* 2% Tolerance

† ½ W and 1 W, 5% Tolerance Zeners are supplied 2 Per Pkg.

Bridge Rectifiers (Silicon)

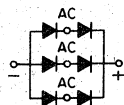
Single-Phase



Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)				
	1 A	1.5 A	2 A	4 A	
100			ECG166		
200			ECG167	ECG5309	ECG5318
400		ECG5304	ECG168		
600	ECG5332	ECG5305	ECG169	ECG5310	ECG5319
800		ECG5306			
1000	ECG5334	ECG5307	ECG170	ECG5311	ECG5320
Peak Forward Surge Current (Amps)	50	50	60	250	200
Max. Forward Voltage Per. Element VF (Volts)	1.0	1.0	1.0	1.0	1.0
TA at Rated IO (°C) Max	+ 40	+ 25	+ 25	+ 40	+ 50
Fig. No.	Z21	Z22	Z23	Z23-1	Z68A

Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)					
	6 A	8 A	25 A	40 A	80 A	100 A
100		ECG5312				
200	ECG5329	ECG5313	ECG5322	ECG5340		
400		ECG5314	ECG5324			
600	ECG5330	ECG5315	ECG5326	ECG5342	ECG5346	ECG5348
800		ECG5316	ECG5327			
1000		ECG5317	ECG5328	ECG5344		
Peak Forward Surge Current (Amps)	200	125	300	400	800	1000
Max. Forward Voltage Per. Element VF (Volts)	1.0	1.2	1.2	1.1	1.6	1.4
TA at Rated IO (°C) Max	+ 40	+ 50	+ 60	+ 60	+ 85	+ 80
Fig. No.	Z68	Z24	Z25		Z65	

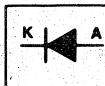
Three-Phase


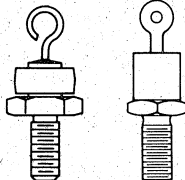

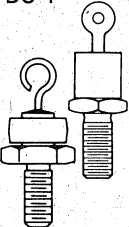
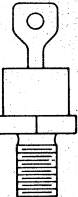
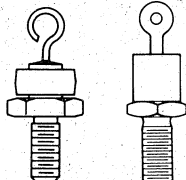
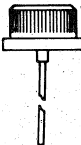


Peak Reverse Voltage (PRV Volts)	I _O . Average Rectified Forward Current (Amps)	
	60 A	100 A
200		
400		
600	ECG5335	ECG5338
800		
1000		
Peak Forward Surge Current (Amps)	500	800
Max. Forward Voltage Per. Element V _F (Volts)	1.25	1.25
TC at Rated I _O (°C) Max.	+ 70	+ 100
Fig. No.	<p>Z66</p>	

Industrial Rectifiers

Note: Standard polarity is cathode to case.
* Indicates polarity is anode to case.



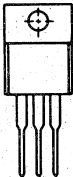
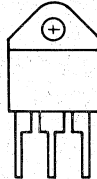
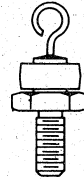
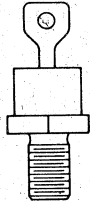
Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)								
	3 A		6 A	6 A/22 A	12 A	15 A	16 A	20 A	25 A
50	ECG5800	ECG5830	ECG5850		ECG5870	ECG5940	ECG5892	ECG5912	
50		ECG5831*	ECG5851*		ECG5871*	ECG5941*	ECG5893*	ECG5913*	
100	ECG5801			ECG5812					
200	ECG5802	ECG5834	ECG5854		ECG5874	ECG5944	ECG5896	ECG5916	
200		ECG5835*	ECG5855*		ECG5875*	ECG5945*	ECG5897*	ECG5917*	
400	ECG5804	ECG5838	ECG5858	ECG5814	ECG5878	ECG5948	ECG5900	ECG5920	ECG5962
400		ECG5839*	ECG5859*		ECG5879*	ECG5949*	ECG5901*	ECG5921*	ECG5963*
600	ECG5806	ECG5842	ECG5862	ECG5815	ECG5882	ECG5952	ECG5904	ECG5924	
600		ECG5843*	ECG5863*		ECG5883*	ECG5953*	ECG5905*	ECG5925*	
800	ECG5808	ECG5846	ECG5866		ECG5886		ECG5908	ECG5928	ECG5966
800		ECG5847*	ECG5867*		ECG5887*		ECG5909*	ECG5929*	ECG5967*
1000	ECG5809	ECG5848	ECG5868	ECG5817	ECG5890		ECG5910	ECG5932	
1000		ECG5849*	ECG5869*		ECG5891*		ECG5911*	ECG5933*	
IFM Surge	150 A	40 A	150 A	400 A	250 A	250 A	300 A	400 A	300 A
Tc at Rated IO (°C) Max	+ 105 (TL)	+ 150	+ 150	See # Note	+ 150	+ 150	+ 150	+ 150	+ 100
VF at Rated IO	.9 V Typ 1.0 V Max	.9 V Typ 1.1 V Max	.9 V Typ 1.1 V Max	.8 V Typ .9 V Max	.9 V Typ 1.1 V Max	.9 V Typ 1.1 V Max	.9 V Typ 1.1 V Max	.9 V Typ 1.1 V Max	.9 V Typ 1.1 V Max
Fig. No.	Z18A	Z19		Z26	Z19	Z20	Z19		Z27
Package	Axial	DO-4		Axial	DO-4	DO-5	DO-4		Press Fit
									

I_O = 6 A with PC Board Mtg., T_A = 60°C; I_O = 22 A, 1/8" Leads, T_L = 60°C

Fast Recovery

Reverse Recovery Time, T _{rr} = 200 N _S Max		
Peak Reverse Voltage (PRV Volts)	I _O (Amps)	
	12 A	40 A
200	ECG5818	ECG6006
200	ECG5819*	ECG6007*
400	ECG5820	ECG6008
400	ECG5821*	ECG6009*
600	ECG5822	ECG6010
600	ECG5823*	ECG6011*
IFM Surge	200 A	350 A
T _C at Rated I _O (°C) Max	+ 100	+ 100
VF at Rated I _O	.9 V Typ 1.1 V Max	1.0 V Typ 1.4 V Max
Fig. N.	Z19	Z20
Package	DO-4	DO-5

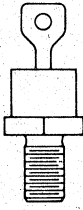
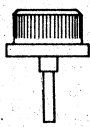
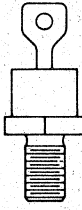
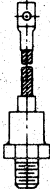

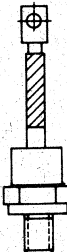
Schottky Barrier Rectifiers



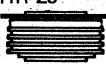
Peak Reverse Voltage (PRV Volts)	I _O , Average Rectified Forward Current (Amps)				
	12 A* (6 A/Leg)	30 A* (15 A/Leg)		35 A	60 A
40	ECG6085	---	---	---	---
45	---	ECG6087	ECG6090	ECG6084	ECG6094
I _{FM} Surge (A)	140/Leg	150/Leg	200/Leg	600	800
T _C @ Rated I _O (°C) Max	+ 120	+ 130	+ 105	95	95
Forward Voltage Drop @ Rated I _O , V _F (V)	.65/Leg	.73/Leg	.72/Leg	.60	.65
Fig. No.	Z41B		Z41C	Z19	Z20
Package	TO-220		TO-3P(TO-218)	DO-4	DO-5
Available in Cathode to Case Only					

* Dual Rectifiers

Industrial Rectifiers (cont'd)

Note: Standard polarity is cathode to case.
* Indicates polarity is anode to case.

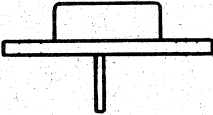
Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)								
	40 A	50 A	60 A	70 A	85 A	150 A	300 A	450 A	550 A
50	ECG5980		ECG6020	ECG6048					
50	ECG5981*		ECG6021*	ECG6049*					
100	ECG5982		ECG6022	ECG6050					
100	ECG5983*		ECG6023*	ECG6051*					
200	ECG5986		ECG6026	ECG6054	ECG6074				
200	ECG5987*		ECG6027*	ECG6055*	ECG6075*				
300	ECG5988								
300	ECG5989*								
400	ECG5990	ECG5826	ECG6034	ECG6060		ECG6154	ECG6354		
400	ECG5991*	ECG5827*	ECG6035*	ECG6061*		ECG6155*	ECG6355*		
500	ECG5992								
500	ECG5993*								
600	ECG5994		ECG6040	ECG6064	ECG6076	ECG6156	ECG6356		ECG6102
600	ECG5995*		ECG6041*	ECG6065*	ECG6077*	ECG6157*	ECG6357*		ECG6103*
800	ECG5998	ECG5828	ECG6042	ECG6068					
800	ECG5999*	ECG5829*	ECG6043*	ECG6069*					
1000	ECG6002		ECG6044	ECG6072		ECG6158	ECG6358		
1000	ECG6003*		ECG6045*	ECG6073*		ECG6159*	ECG6359*		
1200					ECG6078				ECG6104
1200					ECG6079*				ECG6105*
1400						ECG6162	ECG6362		
1400						ECG6163*	ECG6363*		
1600								ECG6106	
1600								ECG6107*	
IFM Surge	500 A	600 A	700 A	1200 A	1500 A	2100 A	5000 A	8500 A	10,000 A
Tc at Rated IO (°C) Max	+ 150	+ 150	+ 125	+ 125	+ 120	+ 130	+ 130	+ 120	+ 125
VF at Rated IO	1.0 V Typ 1.2 V Max	.9 V Typ 1.0 V Max	1.0 V Typ 1.2 V Max	1.0 V Typ 1.2 V Max	1.0 V Typ 1.1 V Max	1.0 V Typ 1.1 V Max	1.0 V Typ 1.2 V Max	1.1 V Typ 1.45 V Max	1.0 V Typ 1.1 V Max
Fig. No.	Z20	Z28	Z20			Z29	Z30	Z31	
Package	DO-5	Press Fit	DO-5			DO-8	DO-9	SR-75	
									

Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)		
	500 A	1200 A	2200 A
600	ECG6110	ECG6113	ECG6116
1200	ECG6112	ECG6115	ECG6118
IFM Surge	6500 A	12,500 A	30,000 A
Tc at Rated IO (°C) Max	+ 110	+ 105	+ 105
VF at Rated IO	1.4 V Typ 1.85 V Max	1.2 V Typ 1.6 V Max	1.1 V Typ 1.45 V Max
Fig. No.	Z32	Z33	Z34
Package	HR-16	HR-23	HR-29
			

Full Wave Rectifiers


Standard Recovery

Peak Reverse Voltage (PRV Volts)	I_O , Average Rectified Forward Current (Amps)
	30 A (15 A/Leg)
200	ECG6200
400	ECG6202
600	ECG6204
IFM Surge (Per Diode)	250A
T _C @ Rated I _O Max (°C)	+ 100
Forward Voltage Drop @ Rated I _O , V _F (Volts) (Per Diode)	1 Typ 1.2 Max
Fig. No.	Z43
Package	TO-3 Case/Cathode



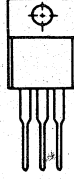
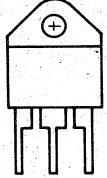
Fast Recovery

Peak Reverse Voltage (PRV Volts)	I_O , Average Rectified Forward Current (Amps)
	30 A (15 A/Leg)
200	ECG6206
400	ECG6208
600	ECG6210
IFM Surge (Per Diode)	150A
T _C @ Rated I _O Max (°C)	+ 100
Forward Voltage Drop @ Rated I _O , V _F (Volts) (Per Diode)	1 Typ 1.4 Max
Fig. No.	Z43
Package	TO-3 Case/Cathode

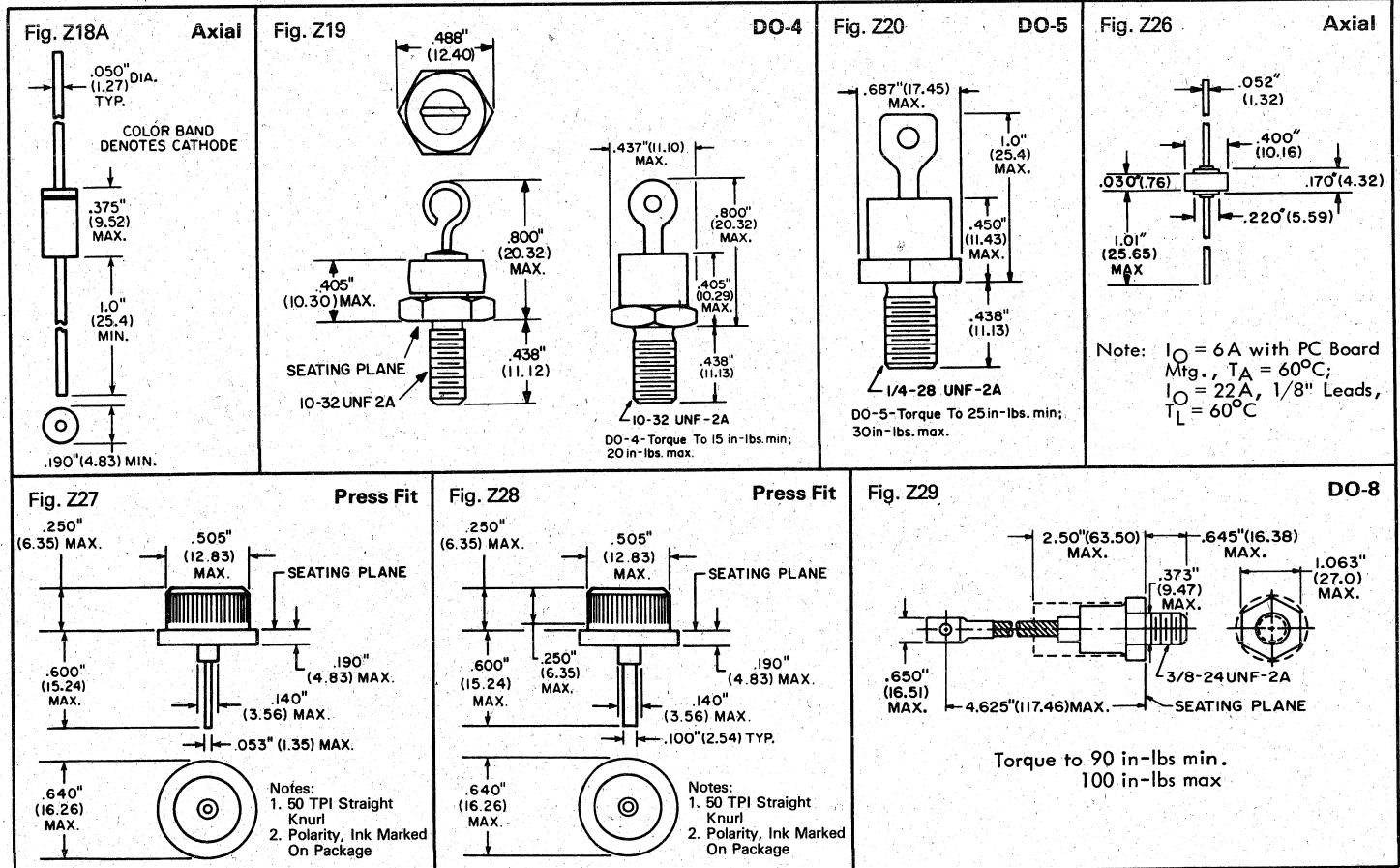


Ultra Fast Recovery

Peak Reverse Voltage (PRV Volts)	I_O , Average Rectified Forward Current (Amps)		
	16 A (8 A/Leg)	30 A (15 A/Leg)	
200	ECG6240	ECG6244	ECG6246
400	--	--	--
600	--	--	--
IFM Surge (Per Diode)	100	200	200
T _C @ Rated I _O Max (°C)	+ 150	+ 100	+ 150
Forward Voltage Drop @ Rated I _O , V _F (Volts) (Per Diode)	.90	.95	.85
Fig. No.	Z41B		Z41C
Package	TO-220		TO-3P (TO-218)

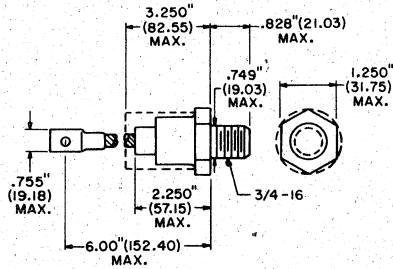
Industrial Rectifier Outlines



Industrial Rectifier Outlines (cont'd)

Fig. Z30

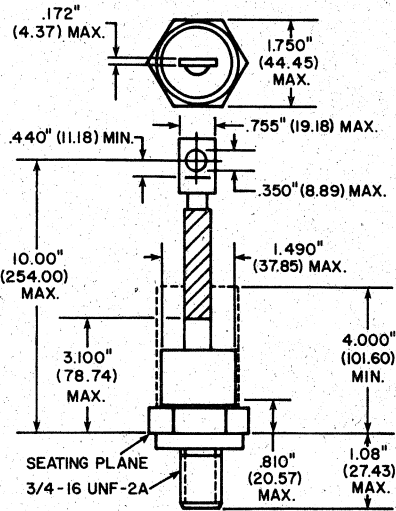
DO-9



Torque to 275 in-lbs min;
320 in-lbs max

Fig. Z31

SR-75



Torque to 360 in-lbs. Max.

Fig. Z32

HR-16

Min. Test Pressure 200 Lbs (.9 KN)
Operating Pressure 1400 Lbs (6.2 KN)

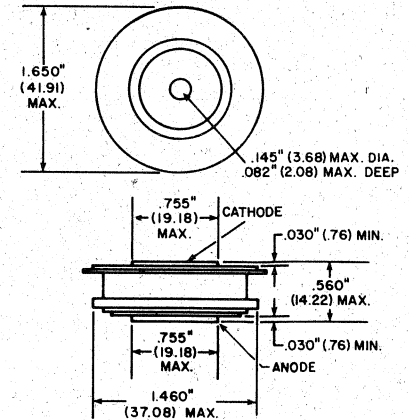


Fig. Z33

HR-23

Min. Test Pressure 200 Lbs (.9 KN)
Operating Pressure 2400 Lbs (10.7 KN)

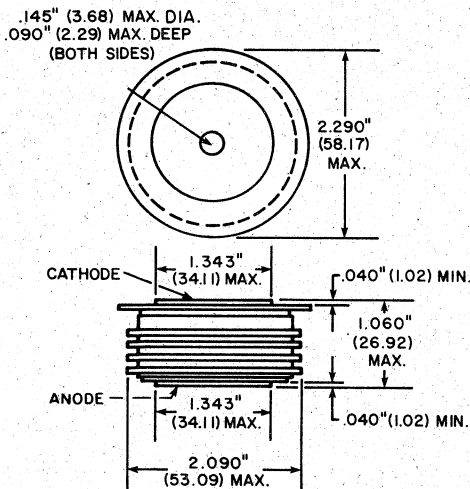


Fig. Z34

HR-29

Min. Test Pressure 200 Lbs (.9 KN)
Operating Pressure 6000 Lbs (26.7 KN)

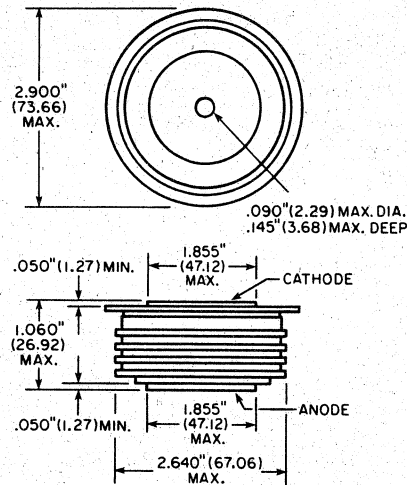
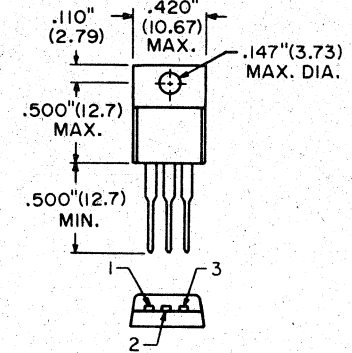


Fig. Z41B

TO-220



ECG	1	2	3	TAB
6085	A	K	A	K
6087	A	K	A	K
6240	A	K	A	K
6244*	K	A	K	A

* Internal Circuit for
ECG6244

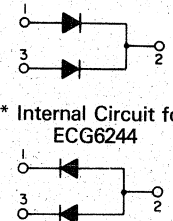
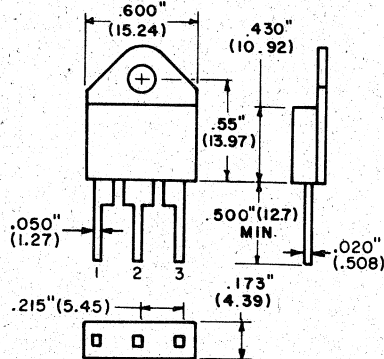


Fig. Z41C

TO-3P(TO-218)



ECG	1	2	3	TAB
6090	A	K	A	K
6246	A	K	A	K

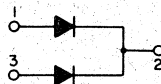
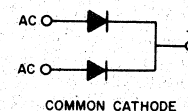
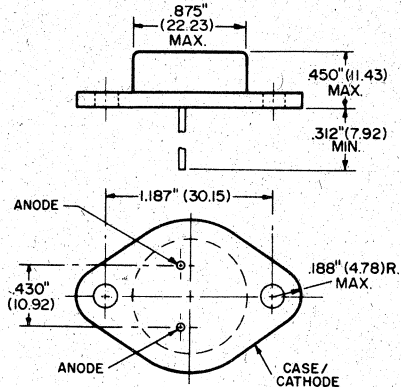


Fig. Z43

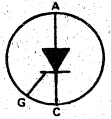
TO-3
Case/Cathode



COMMON CATHODE

Silicon Controlled Rectifiers (SCR)

Phase Control - SCR



VDRM DC or Pk Volts	IT Max Forward Current (Amps)											
	IT RMS - All Conduction Angles						IT Ave - Conduction Angle = 180°					
	.8 A RMS .5 A Av.	3 A RMS 1.9 A Av.	4 A RMS 2.5 A Av.			5 A RMS 3.2 A Av.	*7 A RMS 4.3 A Av.	8 A RMS 5.1 A Av.				
30	ECG5400		ECG5411	ECG5421	ECG5431	ECG5452						
50						ECG5453	ECG5470			ECG5442	ECG5481	
60	ECG5401		ECG5412	ECG5422	ECG5432							
100	ECG5402		ECG5413	ECG5423	ECG5433	ECG5454	ECG5471				ECG5482	
200	ECG5404	ECG5408	ECG5414			ECG5455	ECG5472	ECG5511	ECG5427		ECG5444	ECG5483
400	ECG5405	ECG5409	ECG5415			ECG5457	ECG5474	ECG5512	ECG5428	ECG5437	ECG5446	ECG5485
600	ECG5406	ECG5410	ECG5416				ECG5476	ECG5513	ECG5429	ECG5438	ECG5448	ECG5487
IGT Min	200 μ A #	10 mA	200 μ A #	200 μ A #	500 μ A #	200 μ A #	10 mA	15 mA	15 mA	200 μ A #	30 mA	20 mA
VGT Max (V)	0.8	1.5	1.0	1.0	1.0	0.8	1.5	2.0	1.5	1.5	1.5	1.5
ISurge (A)	6.0	30	25	30	20	20	100	60	100	100	80	100
IHold Min. (mA)	5.0	20	5.0	3.0	5.0	3.0	25	20	20	6.0	40	25
VGFM (V)	8.0	10	6.0	6.0	6.0	6.0	6.0	10	6.0	5.0	6.0	10
VGRM (V)	8.0	10	6.0	6.0	6.0	6.0	6.0	5.0	6.0	5.0	6.0	10
VF on (V) Max	1.7	1.6	2.0	2.2	2.6	2.2	2.0	2.8	2.6	2.0	1.5	1.3
PG Av (W)	.01	0.3	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temp. Tj°C	- 65 to + 125	- 40 to + 125	- 40 to + 110				- 40 to + 110		- 65 to + 100	- 40 to + 110		- 40 to + 100
dv/dt (Typ) V/ μ sec	30	30	10				50	200	100	10	50	50
Fig. No.	Z36	Z35	Z38	Z39	Z40	Z48	Z42	Z35	Z41	Z39	Z48	
Package	TO-92	TO-5M	TO-126	TO-127	TO-202	TO-64	TO-66	TO-5M	TO-220	TO-127	TO-64	

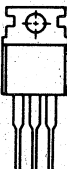
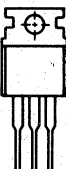

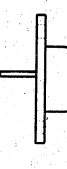

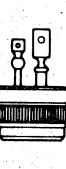





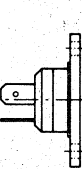
Return Gate to Cathode through 1000 ohms minimum.

* If ITRMS exceeds 4 A, anode connection must be made to case.

Package Outlines - See Page 1-110

Phase Control - SCR (cont'd)



VDRM DC or Pk Volts	IT Max Forward Current (Amps)												
	IT RMS - All Conduction Angles						IT Ave - Conduction Angle = 180°						
	10 A RMS				12.5 A RMS	16 A RMS	20 A RMS	25 A RMS		35 A RMS			40 A RMS
	6.2 A Av.				8 A Av.	10 A Av.	13 A Av.	16 A Av.		22 A Av.			25 A Av.
50			ECG5461			ECG5501		ECG5521	ECG5550	ECG5541			
100			ECG5462	ECG5491		ECG5502		ECG5522		ECG5542			
200	ECG5417		ECG5463	ECG5492		ECG5504	ECG5514	ECG5524	ECG5552	ECG5543	ECG5517	ECG5562	
400	ECG5418	ECG5426	ECG5465	ECG5494	ECG314	ECG5507	ECG5515	ECG5527	ECG5554	ECG5545	ECG5518	ECG5564	
600	ECG5419		ECG5466	ECG5496		ECG5509	ECG5516	ECG5529	ECG5556	ECG5547	ECG5519	ECG5566	ECG5534A
800			ECG5468					ECG5531	ECG5558	ECG5548			
IGT Min	15 mA	200 μ A #	15 mA	15 mA	40 mA	25 mA	15 mA	40 mA	40 mA	40 mA	40 mA	40 mA	50 mA
VGT Max (V)	1.5	.8	1.5	2.0	2.0	2.5	2.0	2.0	1.5	1.5	2.0	1.6	2.0
ISurge (A)	100	100	100	200	200	125	200	150	300	325	350	350	440 mA
IHold Min (mA)	30	3.0	20	20	50	25	20	50	40	50	50	50	75 mA
VGFM (V)	5.0	5.0	10	10	10	10	10	10	10	10	10	10	10
VGRM (V)	5.0	5.0	5.0	10	5.0	5.0	5.0	5.0	10	10	10	10	10
VF on Max (V)	1.6	1.6	1.8	2.5	1.8	2.5	2.4	2.0	1.8	1.5	1.8	1.4	1.8
PG Av (W)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1
Operating Temp. T _j °C	- 40 to + 110		- 40 to + 100		- 40 to + 100	- 65 to + 125	- 40 to + 100	- 65 to + 125	- 40 to + 125	- 40 to + 100			- 40 to + 125
dv/dt (Typ) V/ μ sec	20		100	30	100	30	50	30	50	50			500
Fig. No.	Z41		Z41	Z49	Z43	Z49	Z46	Z49	Z41	Z49	Z46	Z50	Z45A
Package	Isolated Tab TO-220		TO-220	TO-48	TO-3	TO-48	1/2" Press Fit	TO-48	TO-220	TO-48	1/2" Press Fit	Isolated Stud	TO-3 Flange Isolated
													

Return Gate to Cathode through 1000 ohms minimum.

Package Outlines - See Page 1-110

Phase Control - SCR (cont'd)



VDRM DC or Pk Volts	IT Max Forward Current (Amps)							
	IT RMS - All Conduction Angles				IT Ave - Conduction Angle = 180°			
	80 A RMS	125 A RMS	275 A RMS	470 A RMS	550 A RMS	850 A RMS	1880 A RMS	
	50 A Av.	80 A Av.	175 A Av.	300 A Av.	350 A Av.	550 A Av.	1200 A Av.	
200	ECG5567	ECG5570	ECG5575	ECG5580	ECG5590		ECG5594	
600	ECG5568	ECG5572	ECG5577	ECG5582	ECG5591	ECG5587	ECG5595	ECG5598
1200	ECG5569	ECG5574	ECG5579	ECG5584	ECG5592	ECG5589	ECG5596	ECG5599
IGT Min (mA)	100	100	100	150	150	150	150	200
VGT Max (V)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
ISurge (A)	1200	1800	1800	5500	5500	10,000	10,000	27,000
IHold Min (mA)	200	200	200	300	300	300	300	500
VGFM (V)	20.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
VGRM (V)	10.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
VF on (V) Max	2.5	2.2	2.2	1.5	1.5	2.0	2.0	1.7
PG Av (W)	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Operating Temp. T _J °C	-40 to +125	-40 to +125		-40 to +125	-40 to +125	-40 to +125	-40 to +125	-40 to +125
d _v /d _t (Max) V/μsec	200	300	300	300	300	300	300	300
Non-Repetitive d _i /d _t Max Amps/μsec	200	800	800	800	800	800	600	800
Fig. No.	Z47	Z52	Z51	Z53	Z55	Z54	Z56	Z57
Package	TO-65	TO-94	TO-83	TO-93	HT-16	ST-75	HT-23	HT-29

Package Outlines - See Page 1-110

G

High Speed - SCR (Switching)



VDRM DC or Pk Volts	IT Max Forward Current (Amps)							
	IT RMS - All Conduction Angles				IT Ave - Conduction Angle = 180°			
	5 A RMS	35 A RMS	125 A RMS		275 A RMS	400 A RMS	475 A RMS	700 A RMS
	3.2 A Av.	16 A Av.	80 A Av.		175 A Av.	250 A Av.	300 A Av.	450 A Av.
600	ECG5351*	ECG5360	ECG5368	ECG5371	ECG5374	ECG5380	ECG5377	ECG5386
1200			ECG5369	ECG5372	ECG5375	ECG5381	ECG5378	ECG5387
IGT Min (mA)	35	180	150	150	150	150	150	150
VGT Max (V)	1.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0
ISurge (A)	80	180	1400	1400	4500	4500	8000	8000
VGRM (V)	10	10	5.0	5.0	5.0	5.0	5.0	5.0
VF on (V) Max	3.0	2.05	2.0	2.0	1.85	1.85	2.6	2.6
PG Av (W)	.5	1.0	3.0	3.0	3.0	3.0	3.0	3.0
Operating Temp. T _J °C	-40 to +100	-65 to +125	-40 to +125		-40 to +125	-40 to +125	-40 to +125	-40 to +125
Repetitive d _i /d _t Amps/μsec Max	100	100	150	150	300	300	400	400
Non-Repetitive d _i /d _t Amps/μsec Max	200	400	800	800	800	800	800	800
d _v /d _t (Max) V/μsec	100	200	200	200	300	300	300	300
Turn-Off Time t _q μsec Max	2.0	10	10	15	10	20	25	25
Fig. No.	Z42	Z49	Z51	Z52	Z53	Z55	Z54	Z56
Package	TO-66	TO-48	TO-83	TO-94	TO-93	HT-16	ST-75	HT-23

* Contains internal resistor (100Ω) between gate and cathode.

Package Outlines - See Page 1-110

Gate Turn-Off - SCR (For TV Applications)

ECG Type	Description/ Application	VDRM Volts	ITRMS Amps	ISurge (Amps)	IGT (mA)	VGT (Volts)	IGO (mA)	VGO (Volts)	Package	
									Case	Fig. No.
ECG276	Gate Turn Off SCR	1250	5	80	75	1.5	-450	7	TC-9	Z44
ECG279A	Gate Turn Off SCR	350	.25	3	.38	1.5	-115	3	SC-51	Z37

TV Horizontal Deflection - SCR

ECG Type	Description/ Application	VDRM (Volts)	ITRMS (Amps)	ISurge (Amps)	IGT (mA)	VGT (Volts)	IHold (mA)	Turn-Off Time TQ (μsec)	Package	
									Case	Fig. No.
ECG230	TV Horizontal Deflection Trace Switch	700	5	80	50	2.0	100	2.5	TO-66	Z42
ECG231	TV Horizontal Deflection Commutating Switch	600	5	80	50	2.0	100	4.3	TO-66	Z42

TV Power Supply Switching - SCR

ECG Type	Description/ Application	VDRM (Volts)	ITRMS (Amps)	ISurge (Amps)	IGT (mA)	VGT (Volts)	IHold (mA)	Turn-Off Time TQ (μsec)	Package	
									Case	Fig. No.
ECG5424	SCR, Hi Speed Sw, Power Supply Control Regulator	400	4.7	55	20	3	135	4.0	TO-220	Z41
ECG5425	SCR, Hi Speed Power Supply Control	525	5	80	40	2.7	20	2.5	TO-66	Z42

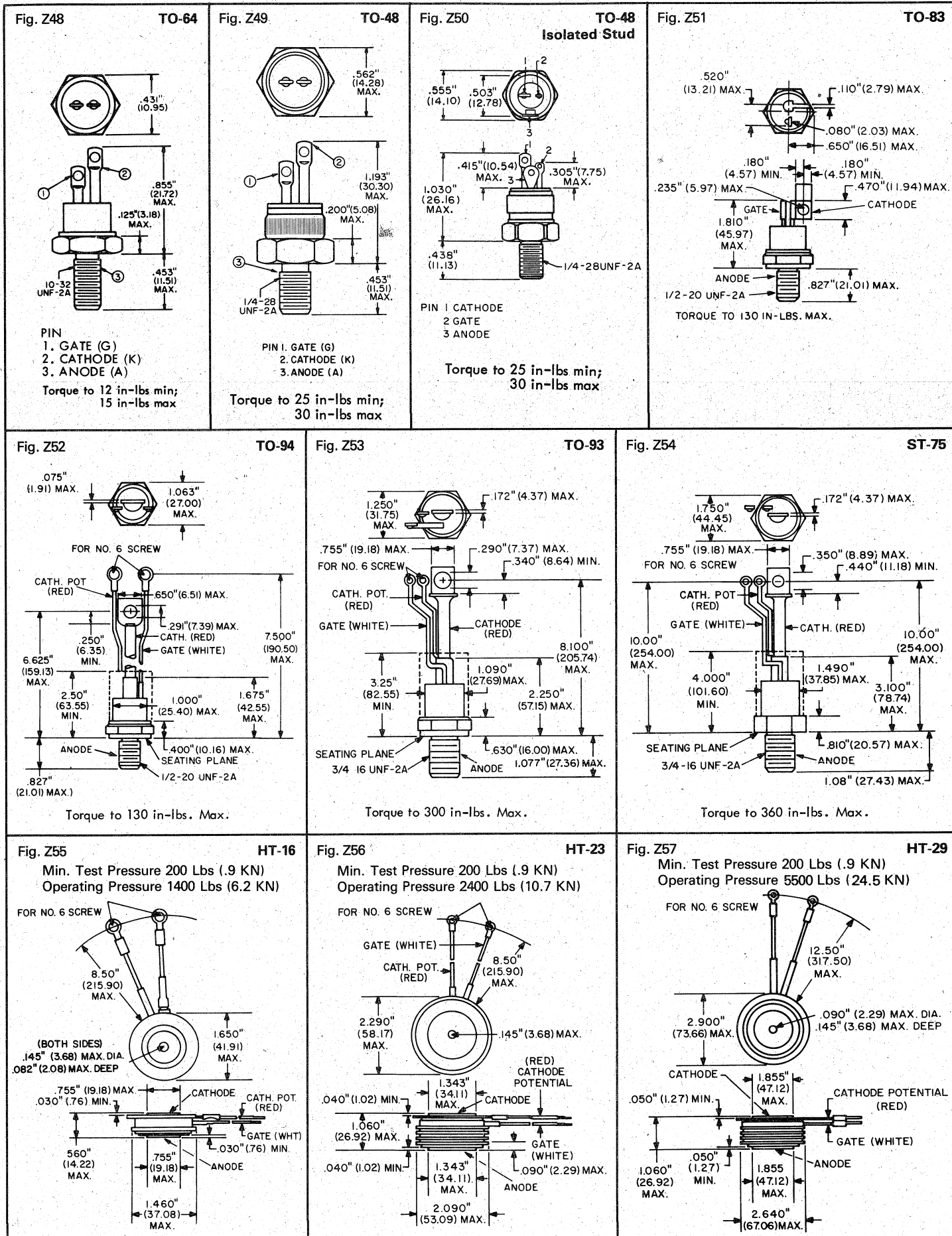


Integrated Thyristor/Rectifiers (ITR)

ECG Type	Description/ Application	VDRM (Volts)	ITRMS (Amps)	ISurge (Amps)	IGT (mA)	VGT (Volts)	IHold (mA)	Turn-Off Time TQ (μsec)	Package	
									Case	Fig. No.
ECG308	TV Horizontal Deflection Commutating Switch	800	5	70	50	3.5	100	5.5	TO-66	Z42
ECG308P	TV Horizontal Deflection Commutating Switch	750	8	80	45	4.0		4.2	TO-220	Z41
ECG310	TV Horizontal Deflection Trace Switch	800	5	70	50	3.5	100	3.0	TO-66	Z42
ECG310P	TV Horizontal Deflection Trace Switch	750	8	80	45	4.0		2.4	TO-220	Z41

Package Outlines - See Page 1-110

SCR Outlines (cont'd)



G

TRIACS

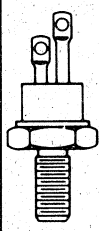

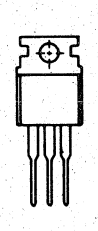

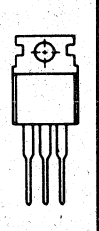
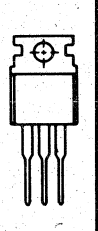


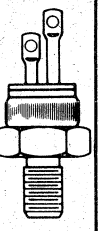
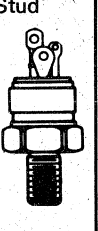
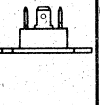



VRRM DC or Peak Volts	IT RMS Max Forward Current (Amps)										
	0.8 A	2.5 A		4 A		8 A		10 A			
50				ECG5601				ECG5612	ECG5622	ECG5631	
100		ECG5640	ECG5650	ECG5602				ECG5613	ECG5623	ECG5632	
200	ECG5655	ECG5641	ECG5651	ECG5603				ECG5614	ECG5624	ECG5633	
400	ECG5656	ECG5642	ECG5652	ECG5605	ECG5629	ECG5608	ECG5638	ECG5616	ECG5626	ECG5635	
600	ECG5657	ECG5643	ECG5653	ECG5607		ECG5609		ECG5618	ECG5628	ECG5637	ECG5645
800						ECG5610					
IGT Min (mA) Quadrants I & III	5.0	25	3.0	30	3.0	10	10	50	50	50	50
IGT Min (mA) Quadrants II & IV	5.0	40	3.0	---	3.0	10	10	75	---	50*	75
VGT Max (V)	2.0	2.2	2.2	2.5	2.0	2.5	2.0	2.5	2.0	2.5	2.5
ISurge Max (A)	8.0	25	25	30	40	80	80	100	100	100	120
IHold Min (mA)	20	35	5.0	30	5.0	15	10	50	50	50	50
Von Max (V)	1.5	1.8	2.2	2.0	1.6	1.5	1.6	1.8	1.8	1.65	1.6
VGM (V)	± 5.0	± 5.0	± 5.0	± 5.0	± 5.0	± 10	± 5.0	± 5.0	± 5.0	± 10	± 5.0
PG Av (W)	.01	.05	.05	.5	.3	.5	.4	.5	.5	.5	.5
Operating Temperature TJ °C	- 40 to + 110	- 65 to + 100	- 40 to + 90	- 40 to + 110	- 40 to + 110	- 40 to + 110	- 40 to + 110	- 65 to + 100	- 40 to + 100	- 40 to + 100	- 40 to + 110
Off State dv/dt (Typ) V/μsec	20	100	5	5	10	25	25	5	5	50	60
Operating Quadrants	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,III	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,III	I,II,III	I,II,III,IV
Fig. No.	Z36	Z61		Z38	Z40	Z41	Z41	Z39		Z41	Z41
Package	TO-92	TO-5		TO-126	TO-202	TO-220	TO-220 Isolated Tab	TO-127		TO-220	TO-220 Isolated Tab

* 3 Mode device not specified in Quadrant IV

Package Outlines - See Page 1-114

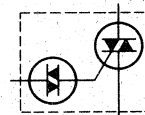
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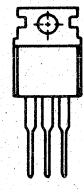
VRRM DC or Peak Volts	IT RMS Max Forward Current (Amps)											
	12 A	15 A			25 A				40 A			
50							ECG5681					
100							ECG5682					
200		ECG5673	ECG56004		ECG56015	ECG56019	ECG5683		ECG5693	ECG56022		ECG5688
400		ECG5675	ECG56006		ECG56016	ECG56020	ECG5685		ECG5695	ECG56024		ECG5689
600	ECG5667A	ECG5677	ECG56008	ECG5649	ECG56017		ECG5687	ECG5672	ECG5697	ECG56026	ECG5679	ECG5690
800	ECG5668A		ECG56010		ECG56018							
1000	ECG5669A											
IGT Min (mA) Quadrants I & III	100	50	40	50	50 Quads I,II,III	50	75	80	50	50	50	50
IGT Min (mA) Quadrants II & IV	100	80	75	75	75 Quad IV	50	100	100*	80	80	50*	80
VGT Max (V)	2.5	2.5	2.5	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	2.5
ISurge Max (A)	120	100	150	150	250	200	225	250	300	300	300	300
IHold Min (mA)	100	75	40	70	50	70	75	80	60	60	75	60
Von Max (V)	2.2	1.8	1.6	1.6	1.85	1.8	1.9	1.8	2.0	2.0	1.8	2.0
VGM (V)	---	± 5.0	± 10	± 5.0	± 10	± 10	± 5.0	± 10	± 10	± 10	± 10	± 10
PG Av (W)	1	.5	.5	.5	.5	.5	.75	.8	.75	.75	.8	.75
Operating Temperature TJ °C	-40 to +125	-65 to +100	-40 to +125	-40 to +100	-40 to +125	-40 to +110	-40 to +100	-40 to +110	-65 to +110	-65 to +110	-40 to +110	-40 +110
Off State dv/dt (Typ) V/μsec	100	100	50	60	40	60	100	60	100	100	60	100
Operating Quadrants	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,II,III,IV	I,II,III	I,II,III,IV	I,II,III	I,II,III,IV	I,II,III,IV	I,II,III	I,II,III,IV
Fig. No.	Z48A	Z49	Z41	Z60	Z41	Z41	Z49	Z59	Z49	Z50	Z63	Z62
Package	TO-64 Metric 	TO-48 	TO-220 	5/8" Swedge TO-3 (Isolated Flange) 	TO-220 	TO-220 Isolated Tab 	TO-48 	3/4" Swedge TO-3 (Isolated Flange) 	TO-48 	TO-48 Isolated Stud 	Square Pak TO-3 (Isolated Flange) 	1/2" Press Fit 

* 3 Mode device not specified in Quadrant IV

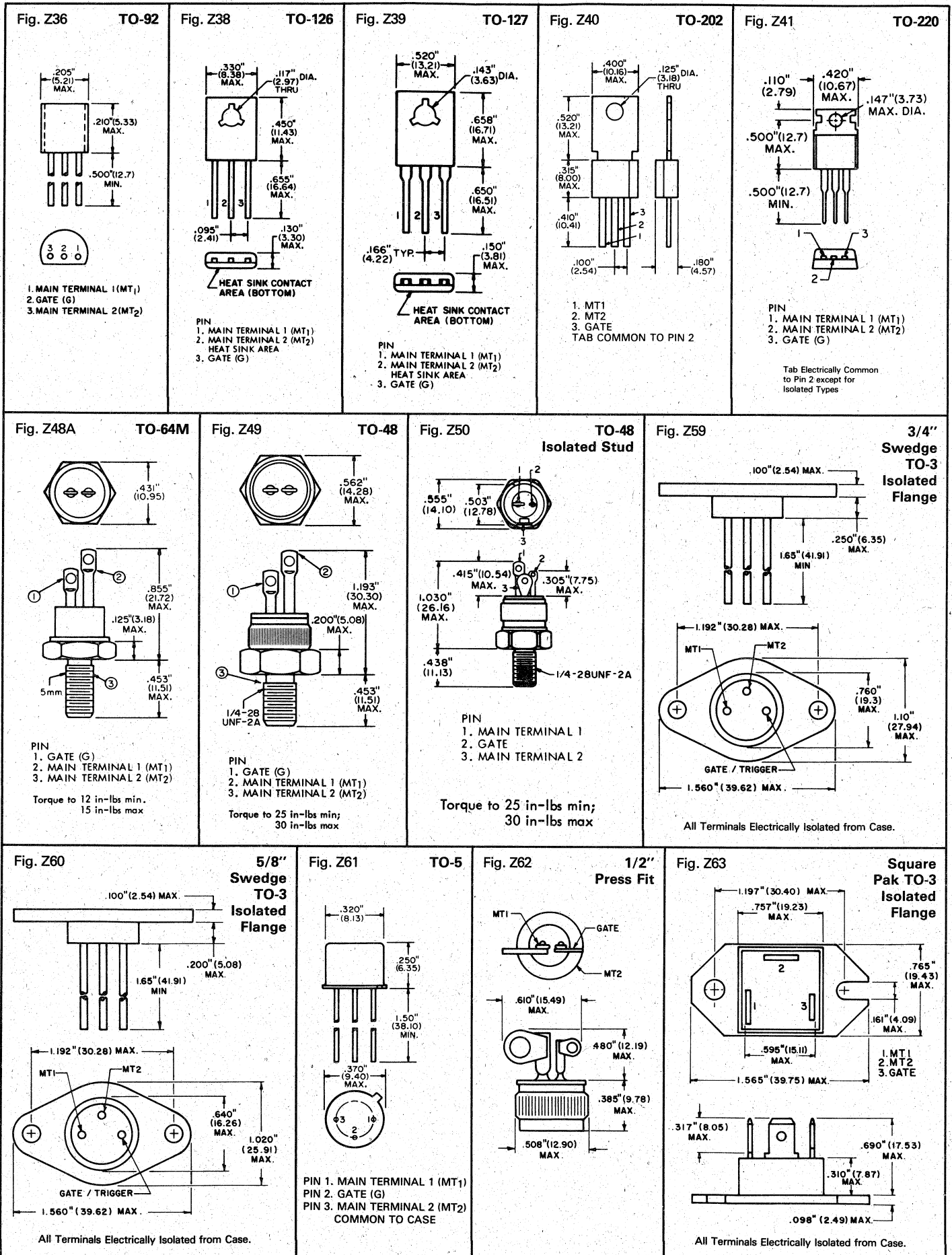
Package Outlines - See Page 1-114

TRIAC with Internal Trigger DIAC



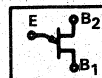
ECG Type	IT RMS Amps	VRRM DC or Pk Volts	Operating Quadrants	VBO (V)	IBO (μA)	Max Ratings			Oper Temp TJ °C	Off State dv/dt V/μsec	Fig. No	Package TO-220 Isolated Tab 
						VF (on) Volts	ISurge Amps	IHold mA				
ECG5646	10 A	600	I, II, III, IV	35 Min	200	1.6	110	50	-40 to +100	60	Z41	

TRIAC Outlines

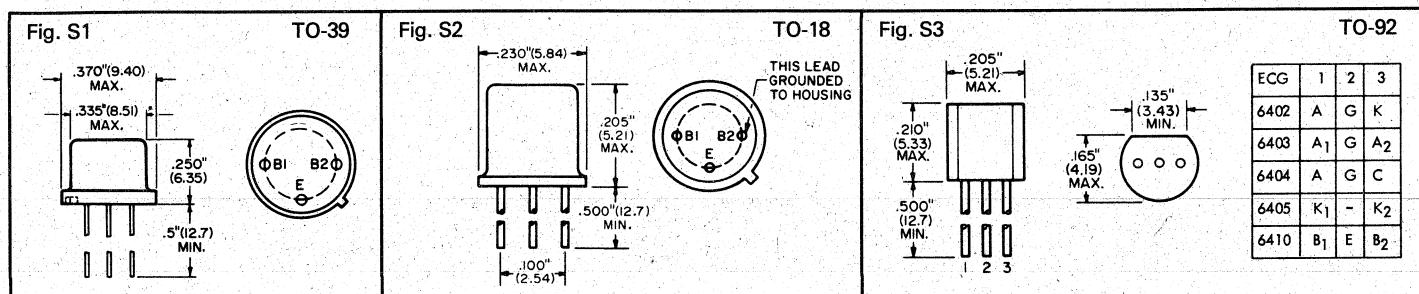


Special Purpose Devices

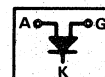
Silicon Unijunction Transistors (UJT)



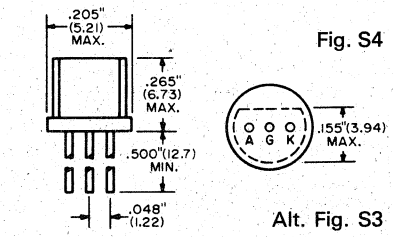
ECG Type	I _E mA	η		RBBO (Kohms)		Inter-Base Volts	PD mW	IEO μ Amps	I _V (Min) mA	Package/Outline No.
		Min	Max	Min	Max					
ECG6400B	50	0.54 - 0.67		4	12	55	450	1 Max	8	TO-39 Fig. S1
ECG6401	50	0.56 - 0.75		4.7	9.1	35	300	0.05 Typ	4	TO-18 Fig. S2
ECG6409	50	0.68 - 0.82		4.7	9.1	35	300	0.01 Typ	8	TO-18 Fig. S2
ECG6410	50	0.70 - 0.85		4.0	9.1	35	300	.005 Typ	4	TO-92 Fig. S3



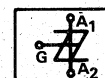
Programmable Unijunction Transistor (PUT)



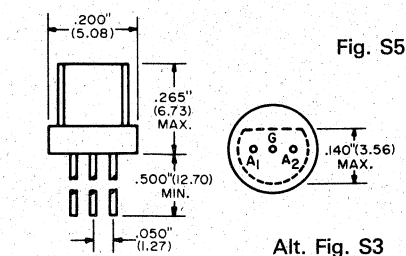
ECG Type	Forward Anode Current I _T mA	Gate Current I _G mA	BVGKF Volts	BVGKR Volts	VAKR Volts	PD mW	Package/Outline No.
ECG6402	150 (2 A Pk)	± 20	40	-5	± 40	300	Fig. S4



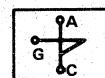
Silicon Bilateral Switch (SBS)



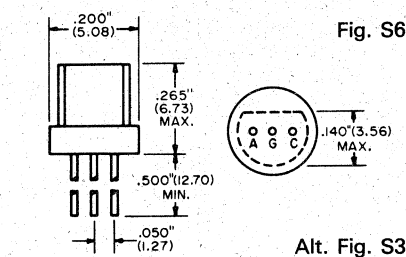
ECG Type	IFM Rep Amps	IF Max mA	V _S Volts	I _S Max μ A	I _H mA	PD mW	Package/Outline No.
ECG6403	1.0	175	6 Min 10 Max	500	1.5	300	Fig. S5



Silicon Unilateral Switch (SUS)

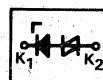


ECG Type	IFM Rep Amps	IF Max mA	V _S Volts	I _S Max μ A	I _H mA	PD mW	Package/Outline No.
ECG6404	1.0	175	6 Min 10 Max	500	1.5	300	Fig. S6

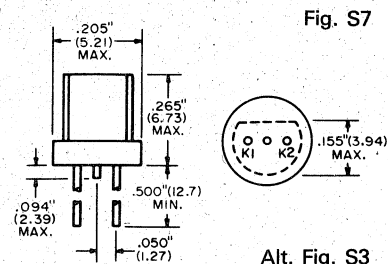


Special Purpose Devices (cont'd)

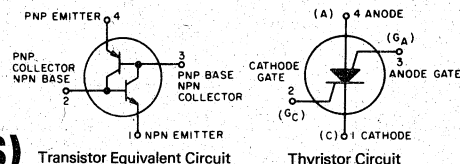
Silicon Asymmetrical Switch (SAS)



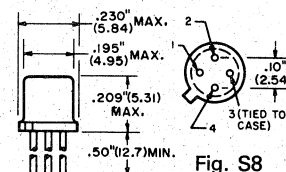
ECG Type	IFM Rep Amps	IF Max mA	VS Volts	IS Max μ A	Output Pulse Volts	PD mW	Package Outline No.
ECG6405	0.5	200	VS1, 14 to 18 VS2, 7 to 9	80	3.5 Min	350	Fig. S7



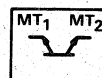
Silicon Controlled Switch (SCS)



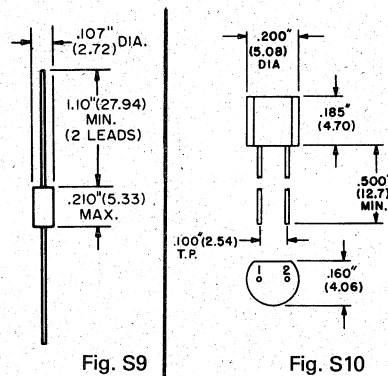
ECG Type		BVCBO Volts	BVEBO Volts	BVCER Volts	HFE Min	IGT Max mA	VGT Max Volts	IT Max mA	IT Pk Max mA	ITSM Max mA	IH Max mA	PD Max mW	Package/Outline No.
ECG239	PNP	-70	-70	-70	0.1	1.0	0.8	50	100	500	1.0	200	TO-72 Fig. S8
	NPN	70	5	70	15	1.0	1.2						



Bilateral Trigger Diodes (DIAC's)



ECG Type	IPulse Amps	VBO (+) Volts	VBO (-) Volts	IBO (+) Max mA	IBO (-) Max mA	ΔV_F Volts	ΔV_R Volts	PD mW		Package/Outline No.
								DO-7	TO-92	
ECG6407*	2	28 \pm 4	28 \pm 4	1	1	6	6	250	300	DO-7 Fig. S9
ECG6408*	2	32 \pm 4	32 \pm 4	1	1	6	6	250	300	TO-92 Fig. S10
ECG6411	2	40 \pm 5	40 \pm 5	1	1	6	6	250		DO-7 Fig. S9
ECG6412	2	63 \pm 7	63 \pm 7	1	1	6	6	250		DO-7 Fig. S9

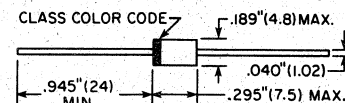


* May be shipped in either case style.

Bidirectional Diode Thyristors (SYDAC)



ECG Type	Breakover Voltage VBO (Volts)	Holding Current IH (mAmps)	Effective Current ITRMS (Amps)	Surge Current ISurge (Amps)	On Voltage VT (Volts)	Power Diss. PD (mWatts)	Band Color *	Package	
								Case	Fig. No.
ECG6415	45 to 60	50	1	13	1.5 Max	850	Red	DO-201	S16
ECG6416	55 to 65	50	1	13	1.5 Max	850	Gold		
ECG6417	95 to 113	50	1	13	1.5 Max	850	Orange		
ECG6418	104 to 118	50	1	13	1.5 Max	850	Blue		
ECG6419	110 to 125	50	1	13	1.5 Max	850	Green		



* Band Color denotes rated VBO and is not cathode band.

Overvoltage Transient Suppressors

Metal Oxide Varistors (MOV)



ECG Type	Maximum Voltage			Nominal Varistor Voltage VNOM (Volts)	Energy WTM (Joules)	Peak Current ITM (Amps)	Transient Power Dissipation PD (Watts)	Figure No.
	RMS VACM (Volts)	DC VDCM (Volts)	Clamping VCL (Volts)					
ECG1V010	10	14	42	18	.8	250	.25	S11-1
ECG2V010	10	14	39	18	3.5	1000	.6	S11-2
ECG1V014	14	18	47	22	.9	250	.25	S11-1
ECG2V014	14	18	43	22	4.0	1000	.6	S11-2
ECG1V015	15	20	52	24	1.0	250	.25	S11-1
ECG2V015	15	20	48	24	4.5	1000	.6	S11-2
ECG1V017	17	22	57	27	1.0	250	.25	S11-1
ECG2V017	17	22	53	27	5.0	1000	.6	S11-2
ECG1V020	20	26	68	33	1.2	250	.25	S11-1
ECG2V020	20	26	64	33	6.0	1000	.6	S11-2
ECG1V025	25	30	77	39	1.5	250	.25	S11-1
ECG2V025	25	30	77	39	10.0	1000	.6	S11-2
ECG1V030	30	37	93	47	1.8	250	.25	S11-1
ECG2V030	30	37	93	47	10.0	1000	.6	S11-2
ECG1V035	35	45	107	56	2.2	250	.25	S11-1
ECG2V035	35	45	103	56	10.0	1000	.6	S11-2
ECG1V040	40	55	135	68	2.5	250	.25	S11-1
ECG2V040	40	55	135	68	12.0	1000	.6	S11-2
ECG1V050	50	66	152	82	3.0	250	.25	S11-1
ECG2V050	50	66	147	82	14.0	1000	.6	S11-2
ECG1V060	60	85	165	100	4.0	1200	.25	S11-1
ECG2V060	60	85	165	100	20.0	4500	.6	S11-2
ECG1V075	75	100	195	120	5.0	1200	.25	S11-1
ECG2V075	75	100	195	120	20.0	4500	.6	S11-2
ECG1V095	95	125	245	150	6.0	1200	.25	S11-1
ECG2V095	95	125	245	150	25.0	4500	.6	S11-2
ECG1V115	115	153	295	171	9.0	1200	.25	S11-1
ECG2V115	115	153	300	171	30.0	4500	.6	S11-2
ECG1V130	130	175	340	208	10.0	1200	.25	S11-1
ECG2V130	130	175	340	208	35	4500	.6	S11-2
ECG524V13	130	175	340	208	70	6500	1.0	S11
ECG1V150	150	200	395	240	11	1200	.25	S11-1
ECG2V150	150	200	395	240	40	4500	.6	S11-2
ECG524V15	150	200	395	240	80	6500	1.0	S11
ECG1V250	250	330	650	390	17	1200	.25	S11-1
ECG2V250	250	330	650	390	70	4500	.6	S11-2
ECG524V25	250	330	650	390	130	6500	1.0	S11
ECG1V275	275	350	700	430	20.0	1200	.25	S11-1
ECG2V275	275	350	700	430	75.0	4500	.6	S11-2
ECG524V27	275	350	700	430	140	6500	1.0	S11
ECG1V300	300	385	765	470	20.0	1200	.25	S11-1
ECG2V300	300	385	765	470	80.0	4500	.6	S11-2
ECG524V30	300	385	765	470	150	6500	1.0	S11
ECG2V420	420	560	1110	680	90.0	4500	.6	S11-2
ECG524V42	420	560	1110	680	160	6500	1.0	S11
ECG2V480	480	640	1240	750	105	4500	.6	S11-2
ECG524V48	480	640	1240	750	180	6500	1.0	S11

Overvoltage Transient Suppressors (Surge Clamping Diodes)

Unidirectional (DC)

ECG Type	Application	Reverse Standoff Voltage V _R (Volts)	Breakdown Voltage		Maximum Ratings			Peak Pulse Power (1 msec) PP (Watts)	Fig. No.
					Clamping Voltage V _C (Volts)				
			V _{BR} (Volts)	@ I _T (mA)	@ I _{pp} = 120 A	@ I _{pp} = 60 A	@ I _{pp} = 30 A		
ECG4900	Designed to Protect 5.0 V, TTL, DTL and MOS Circuitry	5.0	6.0	1.0	8.5	8.0	7.6	1500	S14

ECG Type	Reverse Standoff Voltage VR (Volts)	Breakdown Voltage				Peak Pulse Current Ipp (Amps)	Maximum Ratings		Peak Pulse Power (1 msec) PP (Watts)	Fig. No.
		VBR (Volts)			@ IT (mA)		Clamping Voltage @ Ipp Vc (Volts)	Temperature Coefficient of VBR (% °C)		
		Min.	Nom.	Max.						
ECG4902	5.80	6.45	6.8	7.14	10	143	10.5	.057	1500	S14
ECG4918	11.10	12.4	13	13.7	1.0	82.0	18.2	.081	1500	
ECG4926	15.30	17.1	18	18.9	1.0	59.5	25.2	.088	1500	
ECG4928	17.10	19.0	20	21.0	1.0	54.0	27.7	.090	1500	
ECG4934	23.10	25.7	27	28.4	1.0	40.0	37.5	.096	1500	
ECG4950	43.60	48.5	51	53.6	1.0	21.4	70.1	.102	1500	
ECG4958	58.10	64.6	68	71.4	1.0	16.3	92.0	.104	1500	
ECG4988	171.0	190.0	200	210.0	1.0	5.5	274.0	.108	1500	

Bidirectional (AC)

ECG Type	Description	Abs. Max. RMS VAC (Volts)	Breakdown Voltage		Peak Pulse Current Ipp (Amps)	Maximum Ratings		Peak Pulse Power (1 msec) PP (Watts)	Fig. No.
			VBR Peak Volts	@ IT (mA)		Clamping Voltage @ Ipp Vc	Temp. Coefficient of VBR (% / °C)		
ECG4901	Designed for Bidirectional Protection of Data Transmission, Digital Controls, Computer Systems, Etc.	3.50	6.0	10	166	9.4	.051	1500	S14
ECG4903		4.00	6.8	10	143	10.5	.057	1500	S14

ECG Type	Abs. Max. RMS VAC (Volts)	Breakdown Voltage				Peak Pulse Current I _{pp} (Amps)	Maximum Ratings		Peak Pulse Power (1 msec) PP (Watts)	Fig. No.
		V _{BR} Peak Volts			@ I _T (mA)		Clamping Voltage @ I _{pp} V _C (Volts)	Temp. Coefficient of V _{BR} (%/°C)		
		Min.	Nom.	Max.						
ECG4919	7.80	12.4	13	13.7	1	82.0	18.2	.081	1500	S14
ECG4927	10.80	17.1	18	18.9	1	59.5	25.2	.088	1500	S14
ECG4929	12.00	19.0	20	21.0	1	54.0	27.7	.090	1500	S14
ECG4935	16.00	25.7	27	28.4	1	40.0	37.5	.096	1500	S14
ECG4951	30.00	48.5	51	53.6	1	21.4	70.1	.102	1500	S14
ECG4959	41.00	64.6	68	71.4	1	16.3	92.0	.104	1500	S14
ECG4989	121.0	190.0	200	210.0	1	5.5	274.0	.108	1500	S14

Note: A Surge Clamping Diode is normally selected according to the reverse "Stand Off Voltage" (VR) which should be equal to or greater than the DC or continuous peak operating level. Typical response time equals 1 pico second.

Symbols

V_R , Reverse Stand Off Voltage: Applied reverse voltage to assure a non-conductive condition. (See note)

V_{BR} , Breakdown Voltage: This is the minimum breakdown voltage the device will exhibit and is used to assure that conduction does not occur prior to this voltage level at 25°C.

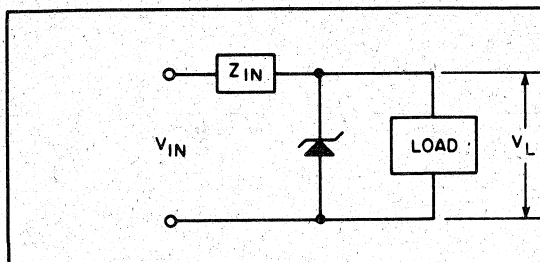
V_C , Maximum Clamping Voltage: The maximum peak voltage which will appear across the device when it is subjected to the peak pulse current in a one millisecond time interval.

PP, Peak Pulse Power at 1 msec duration.

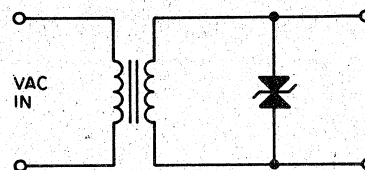
I_{pp} , Peak Pulse Current.

Typical Protection Circuits

Unidirectional (DC)



Bidirectional (AC)



Overvoltage Transient Suppressor Outlines

Fig. S11

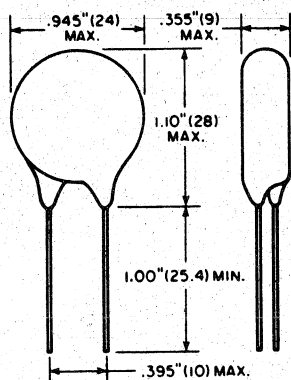


Fig. S11-1

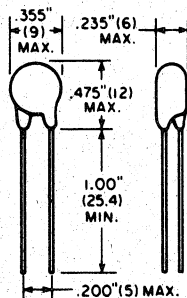


Fig. S11-2

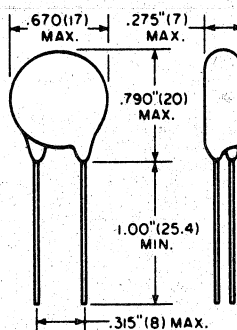
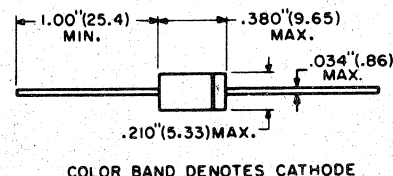


Fig. S14



Note: Bidirectional Suppressors do not have polarity bands.

Quartz Crystals

Color Subcarrier Crystals

ECG Type	Frequency MHz	Frequency Tolerance % at 25°C	Load Capacitance pF	Capacitance (Pin to Pin) pF Max.	Effective Resistance Ohms Max.	Operating Temperature Range °C	Temperature Drift %	Figure No.
ECG358	3.579545	±.003	Parallel Reson. 18 ± .5	7	100	+20 to +65	±.003	S12
ECG358A	3.579545	±.003	Series Reson.	7	100	+20 to +65	±.003	S13
ECG358B	3.579545	±.003	Parallel Reson. 34.7 ± .5	7	100	+20 to +65	±.003	S12
ECG358C	3.579545	±.005	18	--	100	0 to +70	±.005	S18

Parallel Resonant Crystals

ECG Type	Frequency MHz	Frequency Tolerance % at 25°C	Load Capacitance pF	Effective Resistance Ohms Max.	Operating Temperature Range °C	Temperature Drift %	Figure No.
ECG650	1.000	±.005	13	500	0 to +70	±.02	S17
ECG651	2.000	±.005	20	200	0 to +70	±.02	S17
ECG652	4.000	±.005	20	100	0 to +70	±.02	S18
ECG653	5.000	±.005	20	50	0 to +70	±.02	S18
ECG654	10.245	±.005	32	25	0 to +70	±.01	S18

Series Resonant Crystals

ECG Type	Frequency MHz	Frequency Tolerance % at 25°C	Effective Resistance Ohms Max.	Operating Temperature Range °C	Temperature Drift %	Figure No.
ECG655	4.0000	±.005	100	0 to +70	±.02	S18
ECG656	4.9152	±.005	50	0 to +70	±.02	S18
ECG657	6.1440	±.005	50	0 to +70	±.02	S18
ECG658	10.0000	±.005	20	0 to +70	±.02	S18
ECG659	18.0000	±.005	20	0 to +70	±.02	S18
ECG660	18.4320	±.005	20	0 to +70	±.02	S18
ECG661	20.0000	±.005	20	0 to +70	±.02	S18
ECG662	22.1184	±.005	20	0 to +70	±.02	S18

Ceramic Resonator









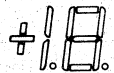

ECG Type	Frequency kHz	Frequency Tolerance % at 25°C	Effective Resistance Ohms Max.	Capacitance pF	Volts Max.	Figure No.
ECG649	503.5	±1.0	30	500	50	S19

Quartz Crystal Outlines

<p>Fig. S12</p> <p>Color Osc.</p>	<p>Fig. S13</p> <p>Color Burst Filter</p>	<p>Fig. S17</p> <p>HC-33 Case</p>
<p>Fig. S18</p> <p>HC-18 Case</p>	<p>Fig. S19</p> <p>Ceramic Resonator</p>	

Opto-Electronic Devices

Numeric LED Displays

ECG Type	Description	Color	Digit Des.	Current Per Segment (mA)	Reverse Voltage Per Segment (V)	Power Diss. Pt (mW)	Fig. No.
ECG3050	.270"; Com Anode; LHDP	Red		30	10	750	P30
ECG3051	.270"; Com Anode; Polarity/Overflow	Red		30	10	480	P31
ECG3052	.3"; Com Anode; RHDP	Red		30	5	700	P32
ECG3053		Orange		20	3	400	
ECG3054		Green		20	3	400	
ECG3055		Yellow		20	3	400	
ECG3056	.3"; Com Cathode; RHDP	Red		30	5	700	P32
ECG3057		Red		25	3	700	
ECG3058		Orange		20	3	400	
ECG3059		Green		20	3	400	
ECG3060		Yellow		20	3	400	
ECG3061	.3"; Com Anode; LHDP	Red		30	5	700	P33
ECG3062		Orange		20	3	400	
ECG3063		Green		20	3	400	
ECG3064		Yellow		20	3	400	
ECG3065	.3"; Com Anode; Polarity/Overflow	Red		30	5	350	P34
ECG3068	.4"; Com Anode; RHDP	Red		30	5	700	P35
ECG3069	.4"; Com Cathode; RHDP	Red		30	5	700	P36
ECG3070	.4"; Com Anode; RHDP	Orange		20	5	400	P35
ECG3071	.4"; Com Cathode; RHDP	Orange		20	5	400	P36
ECG3074	.560"; Com Anode; RHDP; 2-Digit	Red		20	5	800	P37
ECG3075	.560"; Com Cathode; RHDP; 2-Digit	Red		20	5	800	
ECG3076	.560"; Com Anode; RHDP; 1-1/2 Digit	Red		20	5	650	P38
ECG3077	.560"; Com Cathode; RHDP; 1-1/2 Digit	Red		20	5	650	
ECG3078	.560"; Com Anode; RHDP	Red		20	5	400	P39
ECG3079	.560"; Com Cathode; RHDP	Red		20	5	400	
ECG3080	.8"; Com Anode; RHDP	Red		20	3	400	P40

LHDP - Left Hand Decimal Point
RHDP - Right Hand Decimal Point

Numeric LED Display Outlines

Fig. P30

ECG3050 - Red

1. A - Cathode
2. F - Cathode
3. Common Anode
4. No Pin
5. No Pin
6. Dec Pt Cathode
7. E - Cathode
8. D - Cathode
9. Common Anode
10. C - Cathode
11. G - Cathode
12. No Pin
13. B - Cathode
14. Common Anode

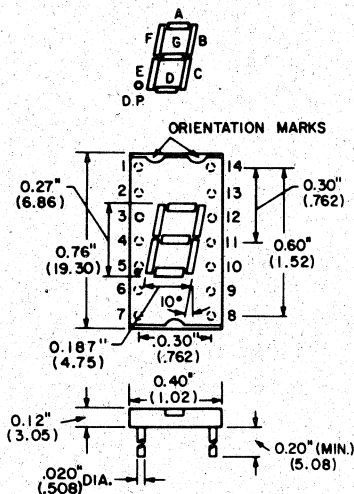


Fig. P31

ECG3051 - Red

1. Anode Common C/D
2. No Connection
3. No Connection
4. No Connection
5. No Connection
6. No Connection
7. D - Cathode
8. C - Cathode
9. No Connection
10. B - Cathode
11. A - Cathode
12. No Connection
13. No Connection
14. Anode Common A/B

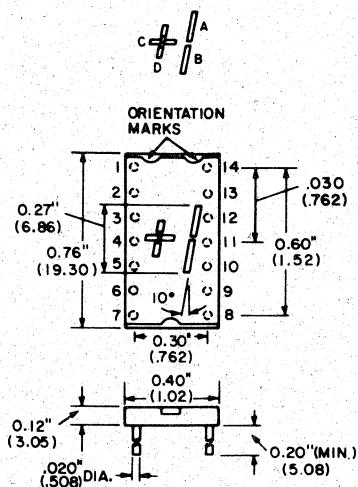


Fig. P32

**ECG3052 - Red
ECG3053 - Orn
ECG3054 - Grn
ECG3055 - Yel**

1. A - Cathode
2. F - Cathode
3. Common Anode
4. No Pin
5. No Pin
6. No Connection
7. E - Cathode
8. D - Cathode
9. Dec Pt Cathode
10. C - Cathode
11. G - Cathode
12. No Pin
13. B - Cathode
14. Common Anode

**ECG3056 - Red
ECG3058 - Orn
ECG3059 - Grn
ECG3060 - Yel**

1. F - Anode
2. G - Anode
3. No Pin
4. Common Cathode
5. No Pin
6. E - Anode
7. D - Anode
8. C - Anode
9. Dec Pt Anode
10. No Pin
11. No Pin
12. Common Cathode
13. B - Anode
14. A - Anode

ECG3057 - Red

1. No Pin
2. Common Cathode
3. F - Anode
4. G - Anode
5. E - Anode
6. D - Anode
7. No Pin
8. No Pin
9. Common Cathode
10. Dec Pt Anode
11. C - Anode
12. B - Anode
13. A - Anode
14. No Pin

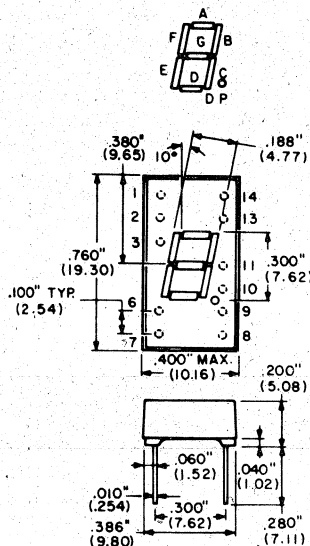


Fig. P33

**ECG3061 - Red
ECG3062 - Orn
ECG3063 - Grn
ECG3064 - Yel**

1. A - Cathode
2. F - Cathode
3. Common Anode
4. No Pin
5. No Pin
6. Dec Pt Cathode
7. E - Cathode
8. D - Cathode
9. No Connection
10. C - Cathode
11. G - Cathode
12. No Pin
13. B - Cathode
14. Common Anode

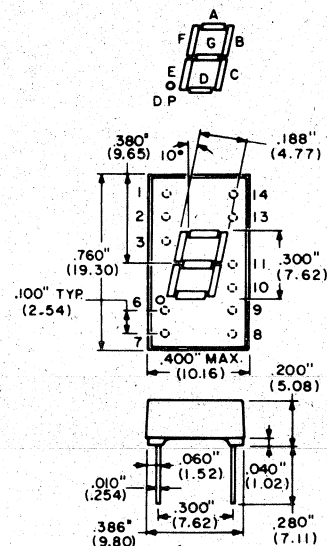


Fig. P34

ECG3065 - Red

1. Common Anode C/D
2. No Pin
3. Common Anode C/D
4. No Pin
5. No Pin
6. No Pin
7. D - Cathode
8. C - Cathode
9. No Connection
10. B - Cathode
11. A - Cathode
12. No Pin
13. No Pin
14. Common Anode A/B

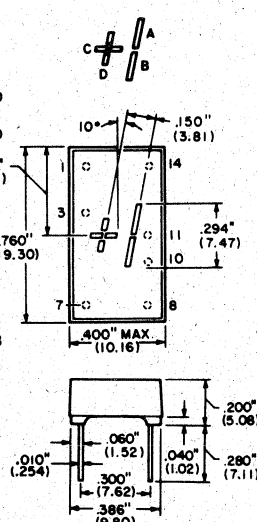


Fig. P35

**ECG3068 - Red
ECG3070 - Orn**

1. A - Cathode
2. F - Cathode
3. Common Anode
4. No Pin
5. No Pin
6. No Connection
7. E - Cathode
8. D - Cathode
9. Dec Pt Cathode
10. C - Cathode
11. G - Cathode
12. No Pin
13. B - Cathode
14. Common Anode

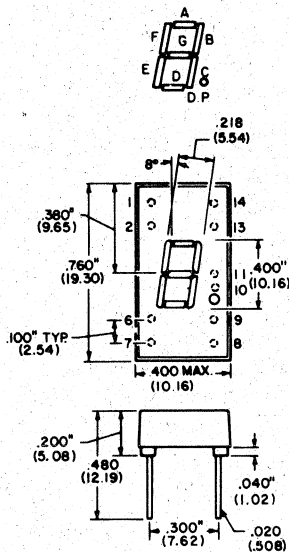
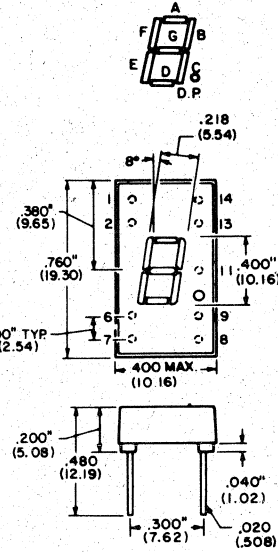


Fig. P36

**ECG3069 - Red
ECG3071 - Orn**

1. F - Anode
2. G - Anode
3. No Pin
4. Common Cathode
5. No Pin
6. E - Anode
7. D - Anode
8. C - Anode
9. Dec Pt Anode
10. No Pin
11. No Pin
12. Common Cathode
13. B - Anode
14. A - Anode



Numeric LED Display Outlines (cont'd)

Fig. P37

ECG3074 - Red

1. E—Cathode - 1
2. D—Cathode - 1
3. C—Cathode - 1
4. Dec P_t Cathode - 1
5. E—Cathode - 2
6. D—Cathode - 2
7. G—Cathode - 2
8. C—Cathode - 2
9. Dec P_t Cathode - 2
10. B—Cathode - 2
11. A—Cathode - 2
12. F—Cathode - 2
13. Common Anode - 2
14. Common Anode - 1
15. B—Cathode - 1
16. A—Cathode - 1
17. G—Cathode - 1
18. F—Cathode - 1

ECG3075 - Red

1. E—Anode - 1
2. D—Anode - 1
3. C—Anode - 1
4. Dec P_t Anode - 1
5. E—Anode - 2
6. D—Anode - 2
7. G—Anode - 2
8. C—Anode - 2
9. Dec P_t Anode - 2
10. B—Anode - 2
11. A—Anode - 2
12. F—Anode - 2
13. Common Cathode - 2
14. Common Cathode - 1
15. B—Anode - 1
16. A—Anode - 1
17. G—Anode - 1
18. F—Anode - 1

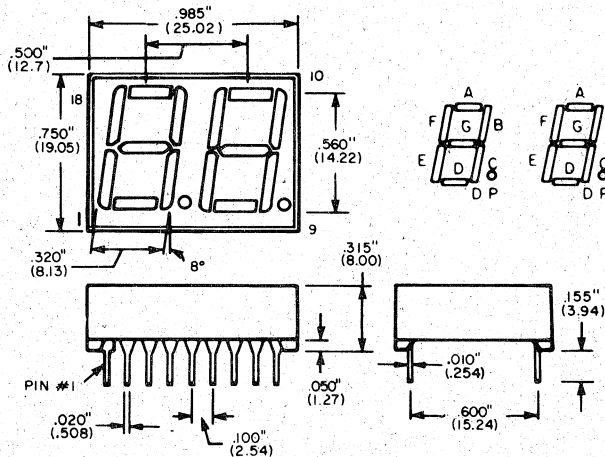


Fig. P38

ECG3076 - Red

1. C—Cathode - 1
2. D—Cathode - 1
3. B—Cathode - 1
4. Dec P_t Cathode - 1
5. E—Cathode - 2
6. D—Cathode - 2
7. G—Cathode - 2
8. C—Cathode - 2
9. Dec P_t Cathode - 2
10. B—Cathode - 2
11. A—Cathode - 2
12. F—Cathode - 2
13. Common Anode - 2
14. Common Anode - 1
15. A—Cathode - 1
16. No Connection
17. No Connection
18. No Connection

ECG3077 - Red

1. C—Anode - 1
2. D—Anode - 1
3. B—Anode - 1
4. Dec P_t Anode - 1
5. E—Anode - 2
6. D—Anode - 2
7. G—Anode - 2
8. C—Anode - 2
9. Dec P_t Anode - 2
10. B—Anode - 2
11. A—Anode - 2
12. F—Anode - 2
13. Common Cathode - 2
14. Common Cathode - 1
15. A—Anode - 1
16. No Connection
17. No Connection
18. No Connection

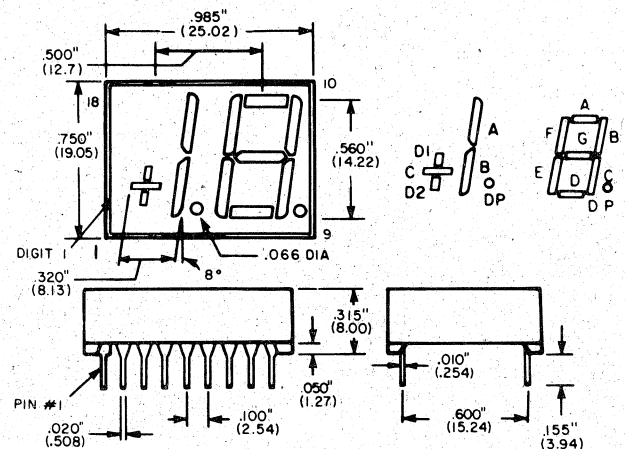


Fig. P39

ECG3078 - Red

1. E—Cathode
2. D—Cathode
3. Common Anode
4. C—Cathode
5. Dec P_t Cathode
6. B—Cathode
7. A—Cathode
8. Common Anode
9. F—Cathode
10. G—Cathode

ECG3079 - Red

1. E—Anode
2. D—Anode
3. Common Cathode
4. C—Anode
5. Dec P_t Anode
6. B—Anode
7. A—Anode
8. Common Cathode
9. F—Anode
10. G—Anode

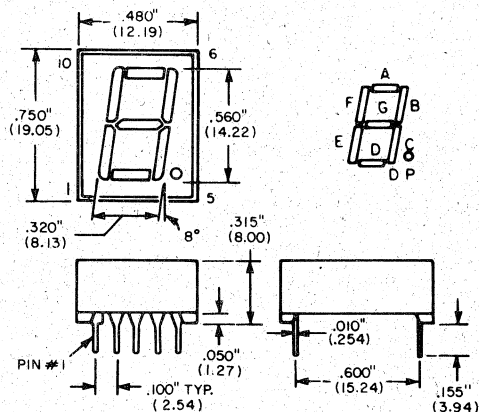
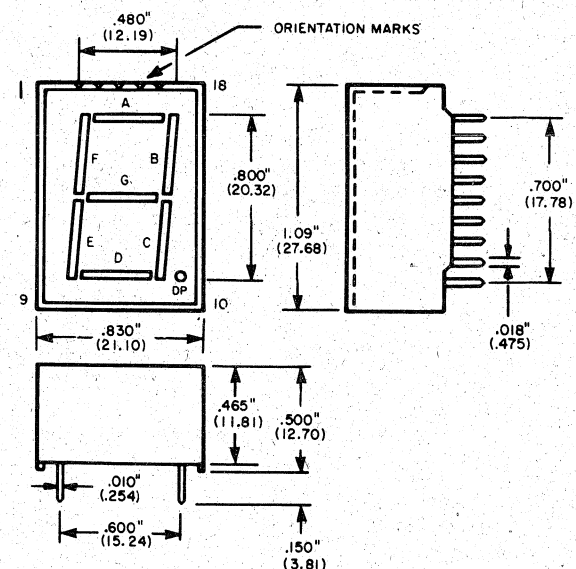


Fig. P40

ECG3080 - Red

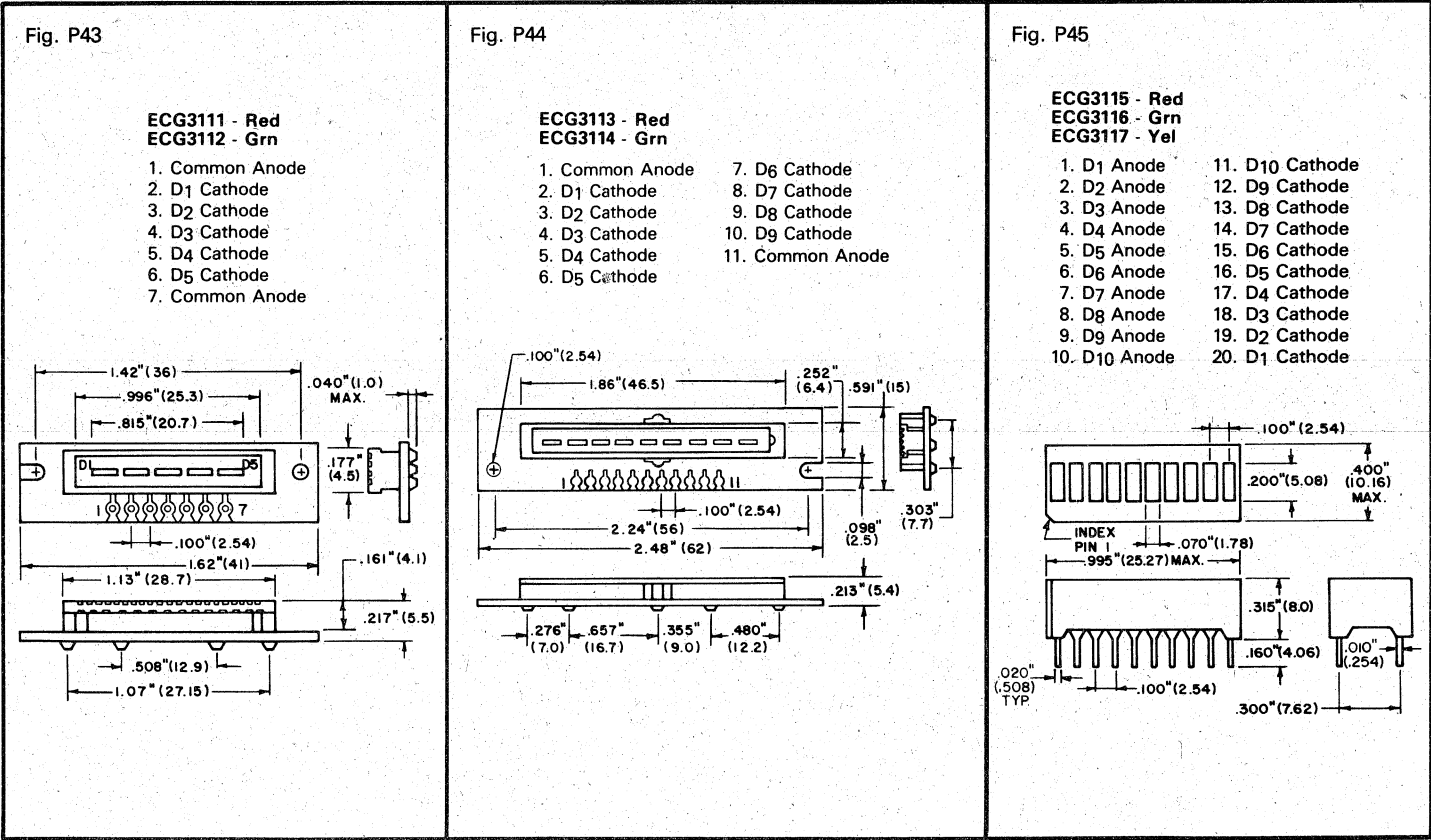
1. No Pin
2. Segment A
3. Segment F
4. Common Anode
5. Segment E
6. Common Anode
7. No Connection
8. No Pin
9. No Pin
10. Decimal Point
11. Segment D
12. Common Anode
13. Segment C
14. Segment G
15. Segment B
16. No Pin
17. Common Anode
18. No Pin



Bar Graph LED Displays

ECG Type	Description	Viewed Color	Total Power Dissipation P _t (mW)	Ratings Per Element				Fig. No.
				Max Forward Voltage V _F (V)	Max Reverse Voltage V _R (V)	Max Forward Current I _F (mA)	Typical Luminous Intensity MCD	
ECG3111	5-Element, Com Anode	Red	100	1.9	3	15	.15	P43
ECG3112	5-Element, Com Anode	Green	200	2.05	3	20	.20	P43
ECG3113	9-Element, Com Anode	Red	300	1.9	3	15	.30	P44
ECG3114	9-Element, Com Anode	Green	300	2.05	3	20	.20	P44
ECG3115	10-Element, Separate Anodes and Cathodes	Hi-Efficiency Red	750	2.5	3	20	2.0	P45
ECG3116	10-Element, Separate Anodes and Cathodes	Green	750	3.0	3	20	2.0	P45
ECG3117	10-Element, Separate Anodes and Cathodes	Yellow	750	3.0	3	20	2.0	P45

Outlines



K

Multi-Lamp LED Arrays

ECG Type	Description	Viewed Color	Ratings Per Lamp						Fig. No.
			Max Power Dissipation P_t (mW)	Max Forward Voltage V_f (V)	Max DC Reverse Voltage V_R (V)	Max Forward Current I_f (mA)	Typical Viewing Angle Degrees	Typical Luminous Intensity MCD	
ECG3150	5 Lamp Rectangular LED Array for Bar Graph, Level and VU Meters	Red	70	1.9	3.0	30	50	.4	P41
ECG3151		Green	70	2.1	3.0	30	50	.7	P41
ECG3152		Yellow	70	2.1	3.0	30	50	1.5	P41
ECG3153		Red	70	1.9	3.0	30	50	.5	P42
ECG3154		Green	70	2.1	3.0	30	50	1.2	P42
ECG3155		Yellow	70	2.1	3.0	30	50	1.5	P42
ECG3156	7 Lamp Rectangular LED Array for Bar Graph, Level and VU Meters	Red	70	2.8	4.0	15	50	.6	P48
ECG3157		Green	90	2.8	4.0	20	50	1.5	P48
ECG3158		Yellow	90	2.8	4.0	20	50	1.5	P48

Outlines

Fig. P41

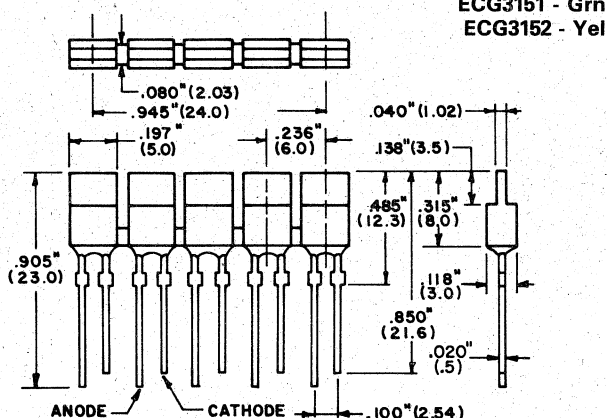


Fig. P42

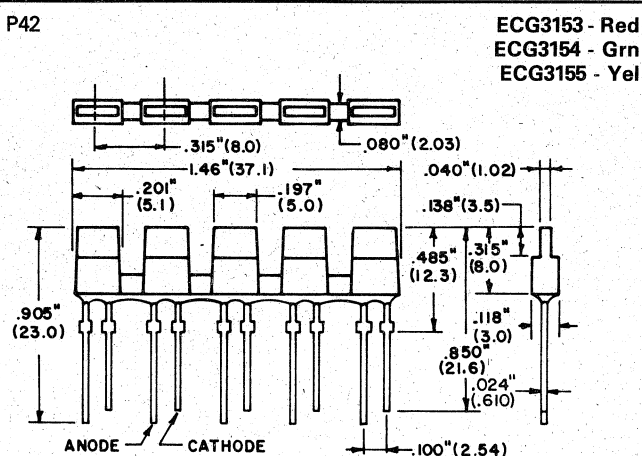
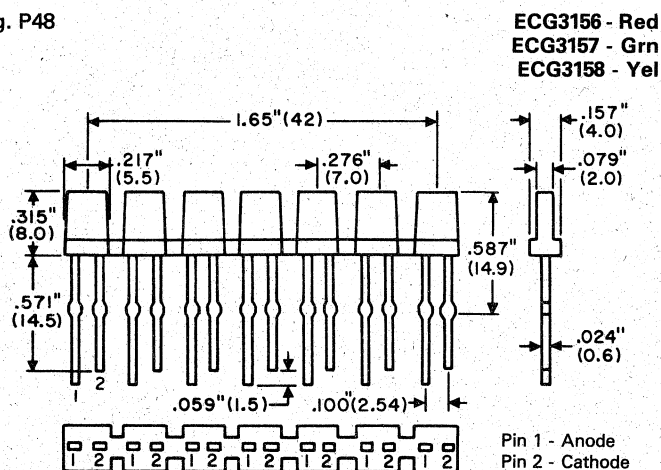


Fig. P48



Discrete LED Indicators

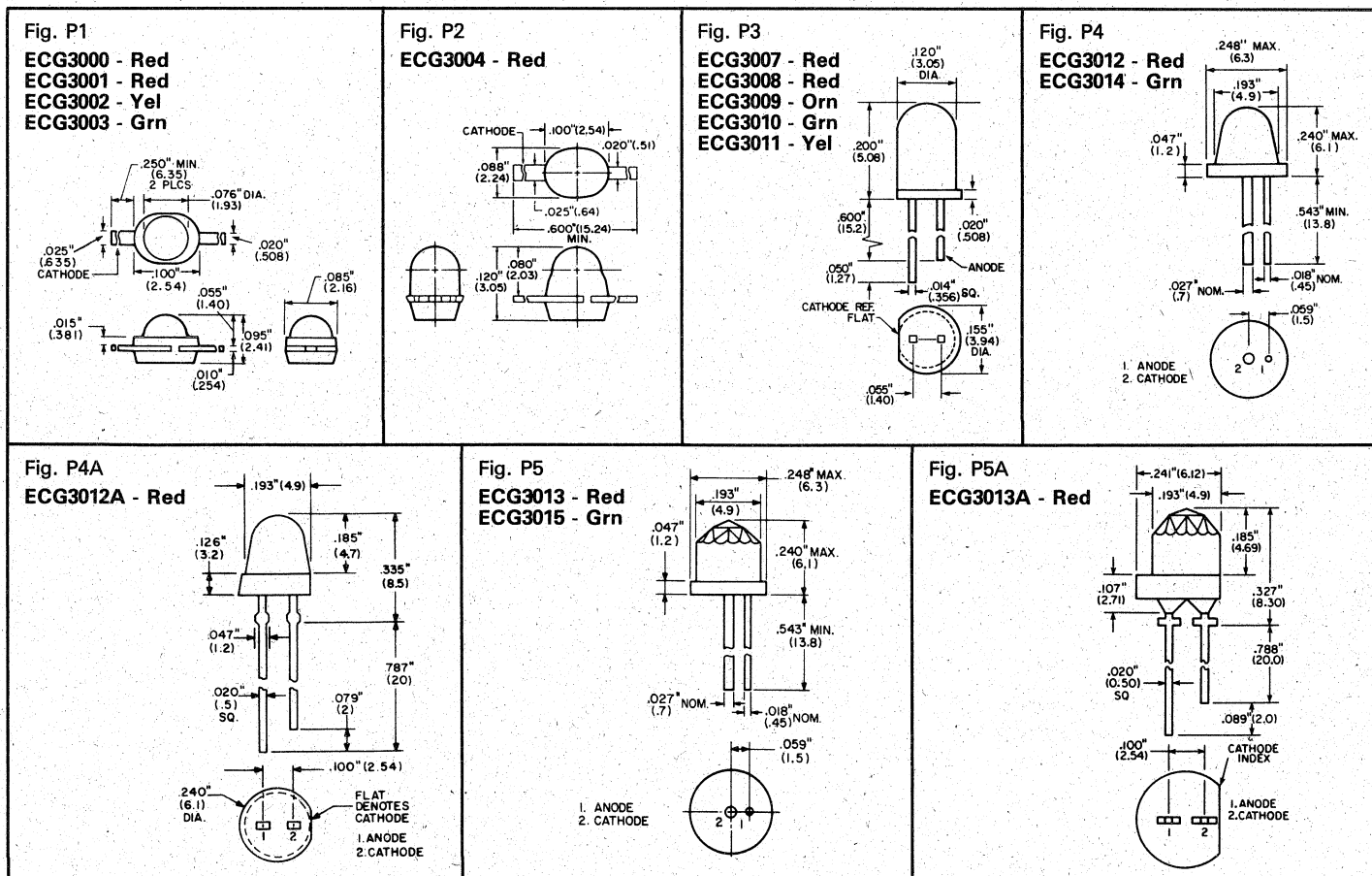
ECG Type	Description/Application	Viewed Color	Forward Voltage VF (V)	Reverse Voltage VR (V)	Max DC Forward Current IF (mA)	Maximum Power Diss. PD (mW)	Typical Viewing Angle Degrees	Typical Luminous Intensity MCD	Qty Per Pkg	Fig. No.
ECG3000	Indicator Lights, Diagnostic and Panel Displays, Printed Circuit Board Indicators, Miniature, Low Profile Package	Clear Red	1.65	5.0	40	80	80	1.4	4	P1
ECG3001		Flooded Red	1.65	5.0	40	80	80	1.0	4	P1
ECG3002		Clear Yellow	2.10	5.0	35	105	80	1.0	2	P1
ECG3003		Clear Green	2.20	5.0	35	105	80	1.0	2	P1
ECG3004	Diagnostic or Indicator Lights in Low-Power/Low Current Environments, MOS Compatible	Red	1.60	5.0	35	105	25	2.0	2	P2
ECG3007	General Purpose Indicators, Developmental Projects, Breadboards	Red	1.68	5.0	50	100	70	2.5	4	P3
ECG3008		Bright Red	2.00	5.0	35	105	90	5.0	2	P3
ECG3009		Orange	2.00	5.0	35	105	90	5.0	2	P3
ECG3010		Green	2.20	5.0	35	105	90	1.0	2	P3
ECG3011		Yellow	2.10	5.0	35	105	90	3.0	2	P3
ECG3012A	Panel Circuit Indicators, Low Drive Power, High Intensity Visible Emission	Diffused Red	2.20	4.0	25	70	30	3.5	4	P4A
ECG3013A		Clear Red Jewel	2.80	4.0	25	70	30	3.5	4	P5A
ECG3014		Diffused Green	2.15	4.0	45	125	35	3.0	2	P4
ECG3015		Clear Green Jewel	2.15	4.0	45	125	25	1.8	2	P5
ECG3016	Two Color Panel Circuit Indicator	Red or Green	2.10	4.0	25	75	90	.6	2	P6
ECG3018	Instruments, Printed Circuit Board Indicators, Boardmounted Panel Display	Soft Red	1.65	5.0	100	180	90	1.6	2	P7
ECG3019		Soft Red	1.65	5.0	100	180	60	3.0	2	P7
ECG3020	Computers, General Purpose Indicators, Instruments, Test Systems, Mini- and Micro-Processors, Process Controlled Industrial Systems, Sorting Machines, Assembly Equipment, Vending Machines, Telephone Equipment, Backlight Panels, High Intensity Indicators in Four Colors	Flooded Red	1.70	5.0	100	180	80	1.6	2•	P8
ECG3021		Yellow	2.10	5.0	35	105	65	6.0	2•	P8
ECG3022		Bright Red	2.00	5.0	35	105	65	6.0	2•	P8
ECG3023		Orange	2.00	5.0	35	105	65	6.0	2•	P8
ECG3024		Diffused Green	2.20	5.0	35	105	65	1.5	2•	P8
ECG3025	Instruments, Printed Circuit Board Indicators, Boardmounted Panel Display	Red	1.80	5.0	100	180	40	3.0	2•	P9
ECG3026	Polarity Indication Tri-State Indicator, Flow Direction Display, Instruments, Tester Displays, Educational Aids	Red or Green	1.65 - R 2.20 - G	--	70 - R 35 - G	200	50	.5 - G 1.5 - R	1•	P10
ECG3030	Flashing Red LED with Integral IC. Applications Include Status Indicators and Warning Lights, Pulse Rate=3 Hz Typ at 5 VDC	Flashing Red	Max V Applied 5.25	.4	20	--	40	1.2	1	P9A
ECG3130	Flashing Yellow LED with Integral IC. For Status Indicators and Warning Lights, Pulse Rate=2.5 Hz Typ at 5 V	Flashing Yellow	Max V Applied 5.25	.4	20	--	40	3	1	P9A
ECG3131	Flashing Green LED with Integral IC. For Status Indicators and Warning Lights, Pulse Rate=2.5 Hz Typ at 5 V	Flashing Green	Max V Applied 5.25	.4	20	--	40	2	1	P9A

• Package includes 2 piece panel mounting grommets consisting of 1 lamp holder and 1 collar for each device.

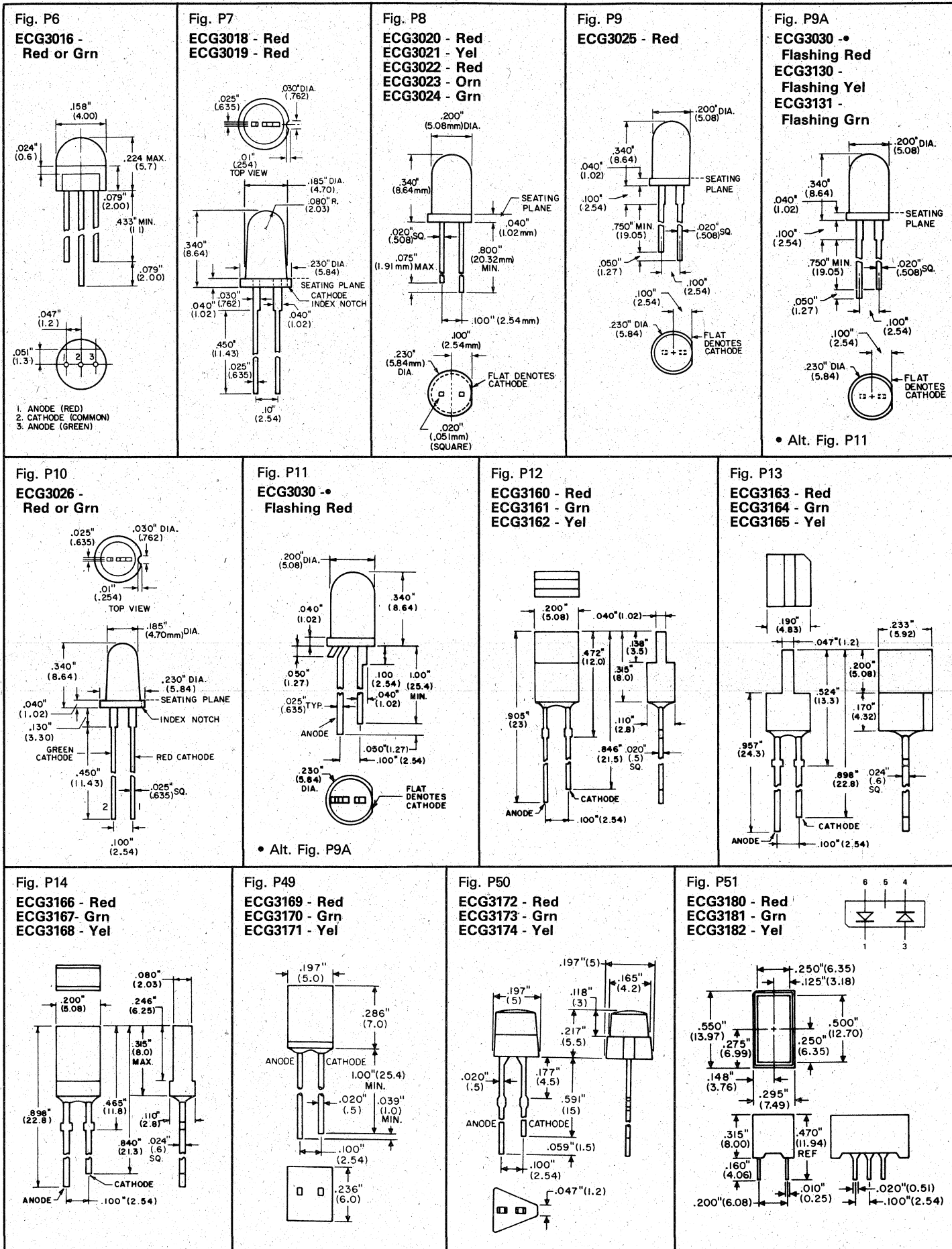
Discrete LED Indicators (cont'd)

ECG Type	Description/Application	Viewed Color	Forward Voltage V _F (V)	Reverse Voltage V _R (V)	Max DC Forward Current I _F (mA)	Maximum Power Diss. P _D (mW)	Typical Viewing Angle Degrees	Typical Luminous Intensity MCD	Qty Per Pkg	Fig. No.
ECG3160	Rectangular LEDs. Applications Include Bar Graph Displays, Level Meters, Panel Displays, Instrumentation and General Purpose Indicators	Red	1.90	3.0	30	70	50	.4	5	P12
ECG3161		Green	2.10	3.0	30	70	50	.7	5	P12
ECG3162		Yellow	2.10	3.0	30	70	50	2.0	5	P12
ECG3163		Red	1.90	3.0	30	70	50	.4	5	P13
ECG3164		Green	2.10	3.0	30	70	50	.7	5	P13
ECG3165		Yellow	2.10	3.0	30	70	50	1.5	5	P13
ECG3166		Red	1.90	3.0	30	70	50	.5	5	P14
ECG3167		Green	2.10	3.0	30	70	50	.7	5	P14
ECG3168		Yellow	2.10	3.0	30	70	50	2.0	5	P14
ECG3169	Square LED, Used as Level Indicator, Panel Display and General Purpose	Diffused Red	2.8	5.0	20	--	--	1.5	5	P49
ECG3170		Diffused Green	2.8	5.0	20	--	--	2.0	5	P49
ECG3171		Diffused Yellow	2.8	5.0	20	--	--	2.0	5	P49
ECG3172	Triangular LED, Used as Location Indicator and Line Finder	Diffused Red	2.8	4.0	25	70	50	.4	5	P50
ECG3173		Diffused Green	2.8	4.0	30	90	50	1.0	5	P50
ECG3174		Diffused Yellow	2.8	4.0	30	90	50	1.0	5	P50
ECG3180	P.C. Mount, LED, Used as Panel Indicators, Backlight Legends, Light Arrays. Mounting Grommet Supplied with Each LED	Red	2.5	5.0	35	200	120	4.5	2	P51
ECG3181		Green	3	5.0	30	200	120	4.5	2	P51
ECG3182		Yellow	2.5	5.0	25	200	120	4.5	2	P51

Discrete LED Indicator Outlines

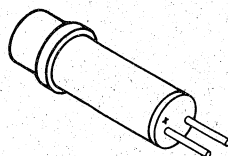


Discrete LED Indicator Outlines (cont'd)



LED Cartridge Indicator

- Integrated circuit compatibility
- Solid state reliability
- Immune to shock and vibration
- Polarized; terminal base is keyed



The ECG32XX series can be used as direct replacements for existing incandescent lamp cartridges operating from a DC power source.

The ECG32XX series are compatible with integrated circuits and may be driven directly by RTL, DTL and TTL logic.

(Operating Temperature Range, T_{opg} = -55°C to $+70^{\circ}\text{C}$)

ECG Type	Viewed Color	Rated Voltage (V)	Forward Current (Typ)	Fig. P53 ECG3200 - Red ECG3201 - Grn ECG3202 - Amber
ECG3200	Red	5 - 6 VDC	18 mA	
ECG3201	Green			
ECG3202	Amber			

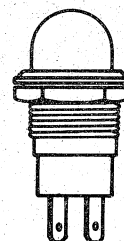
1.140" (28.96) MAX.
.265" (6.73)
.203" (5.16)
.284" (7.21)
.020" (.51)
.330" (8.38)
ANODE

Note: Panel mounting clip included

See Page 1-386 for optional cartridge connector (ECG201)

Miniature Incandescent Pilot Light Assembly

- Panel mounting through 11/16" clearance hole
- 6 or 120 V typ (T-2)
- Red stovepipe screw-in lens cap
- Includes mounting hardware and bulb
- Quick connect terminals (.205), Faston™



ECG Type	Volts	Avg (Amps) Current	Red Lens Cap	Base Assembly	Lamp Type
ECG206	6	.140			T-2 With Telephone Slide Base (PSB type)
ECG207	120	.025			

TM = Amp Corp.

Infrared Emitting Diodes

ECG Type	Description	Min Power Output P_o	Max Forward Voltage V_F (V)	Reverse Voltage V_R (V)	DC Forward Current I_F (mA)	Power Diss. P/Case (m/W)	Peak Emission Wavelength λ_p (nm)	Response Time (nS)	Beam Angle θ_{HI} (Deg)	Fig. No.
ECG3006	PN Gallium Arsenide	800 μ W	1.8	3	50	75	940	500	10	P15
ECG3017	Infrared Emitting Diode for TV Remote Control, 15 mW @ $I_F = 100$ mA	15 mW	1.7	5	150	210	950	400	60	P9
ECG3027	PN Gallium Arsenide	1 mW	1.5	5	100	150	900	100	15	P16
ECG3028	PN Gallium Arsenide	200 μ W	1.5	3	150	200	900	50	15	P17
ECG3029A*	PN Gallium Arsenide	2 mW	1.8	6	50	150	900	1000	30	P18A

* 2 Per Pkg.

Outlines

Fig. P9
ECG3017

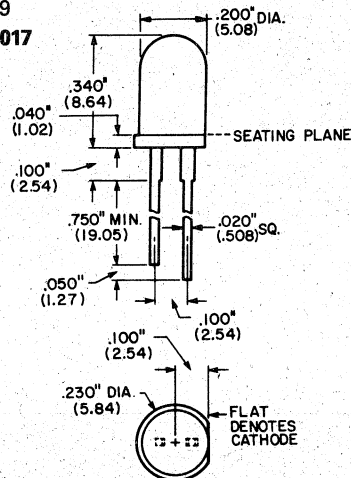


Fig. P15
ECG3006

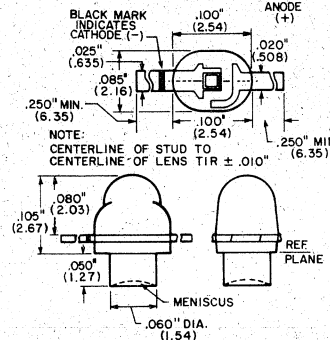


Fig. P16
ECG3027

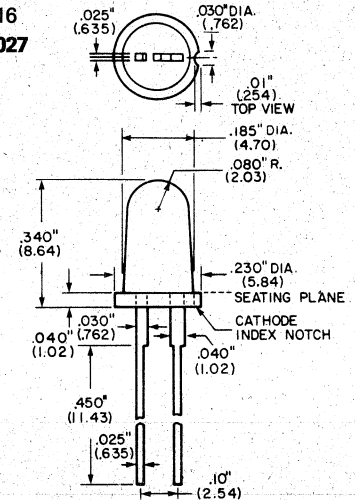


Fig. P17
ECG3028

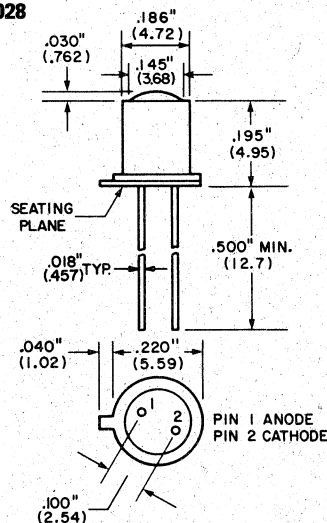
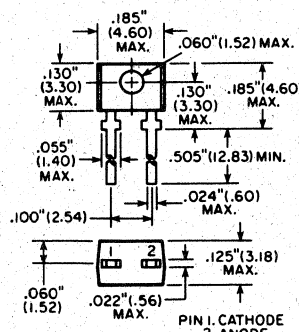


Fig. P18A
ECG3029A

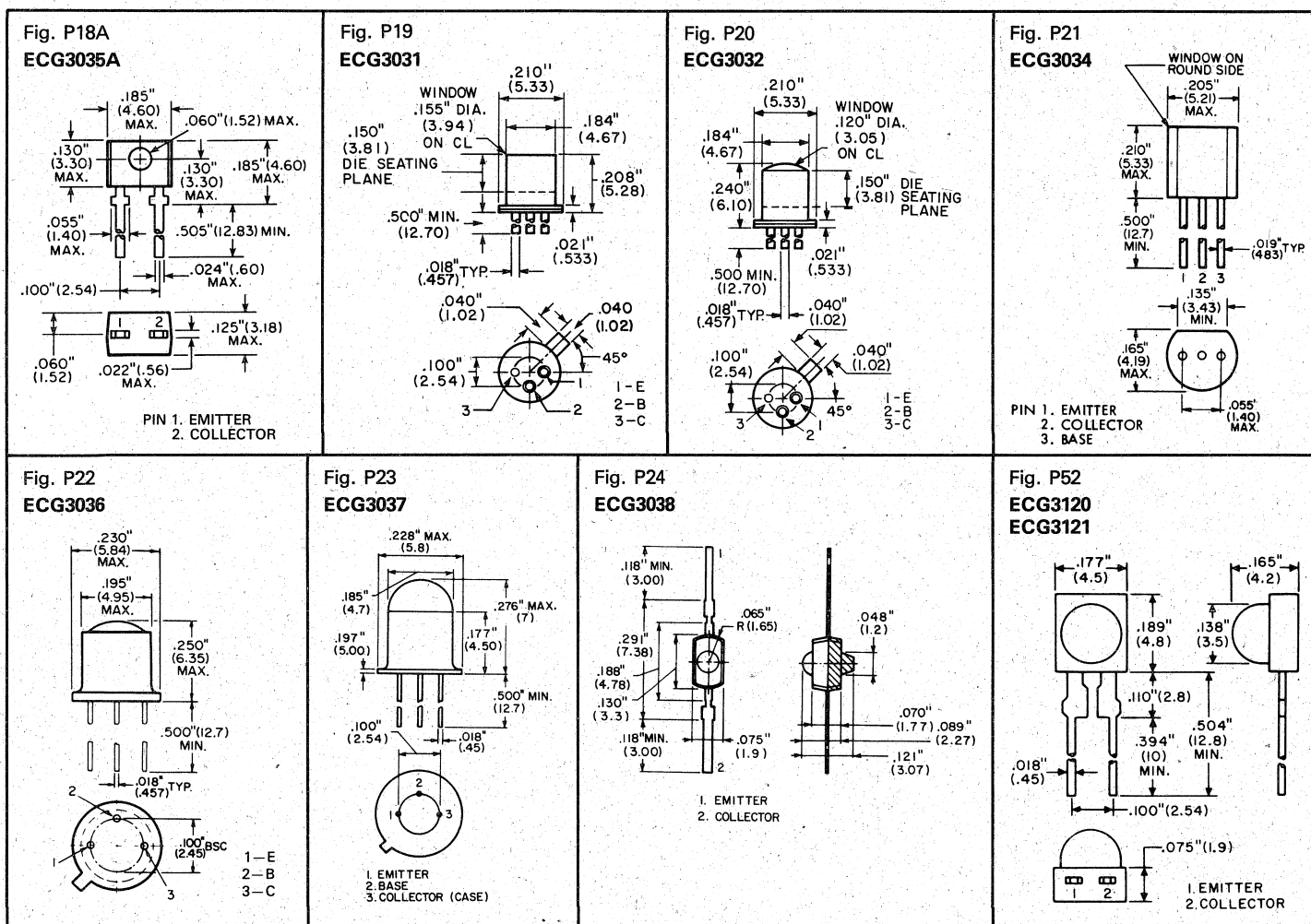


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Phototransistor Detectors

ECG Type	Description	Collector to Base Voltage BV _{CEO} (V)	Max Collector Current I _C (mA)	Max Dark Current I _D at 25°C (nA)	Min Light Current I _L (mA)	Max Power Dissipation at 25°C P _t (mW)	Rise Time t _r (μS)	Fig. No.
ECG3031	NPN, Si, Visible and IR	80	40	20 at V _{CE} 5V	6	200	2 Typ	P19
ECG3032	NPN, Si, Visible and IR	80	40	20 at V _{CE} 5V	12	200	2 Typ	P20
ECG3034	NPN, Si, Visible and IR	60	100	100 at V _{CE} 10V	2	200	---	P21
ECG3035A	NPN, Si-Darlington Amp h _{FE} = 2.0 K, Visible and IR	60	100	100 at V _{CE} 10V	5	150	75	P18A
ECG3036	NPN, Si-Darlington, Visible and IR	40	250	100 at V _{CE} 10V	12	250	40 Typ	P22
ECG3037	NPN, Si, Visible and IR	50	50	500 at V _{CE} 30V	10	150	2 Typ	P23
ECG3038	NPN, Si-Darlington, Visible and IR	25	20	20 at V _{CE} 10V	5	50	1.5 Typ	P24
ECG3120	NPN, Si, Visible and IR	20 (V _{CEO})	20	500 at V _{CE} 10V	1	100	10 Max	P52
ECG3121	NPN, Si, Darlington Visible and IR	20 (V _{CEO})	30	500 at V _{CE} 10V	.5	100	100 Typ	P52

Phototransistor Detector Outlines

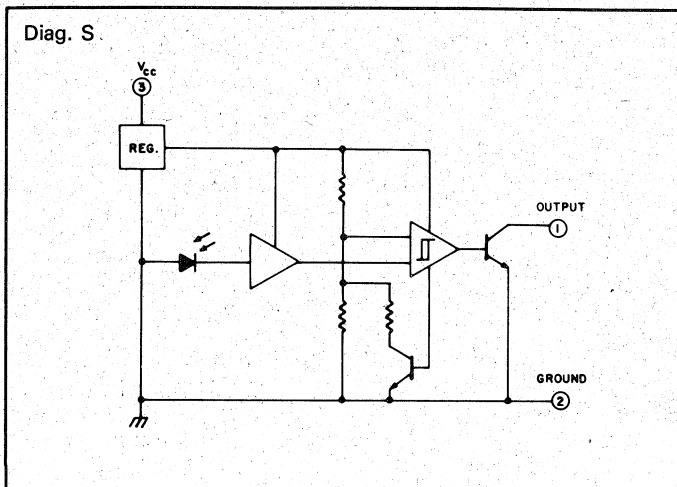


Opto-Electronic Switch — Day/Night Sensing

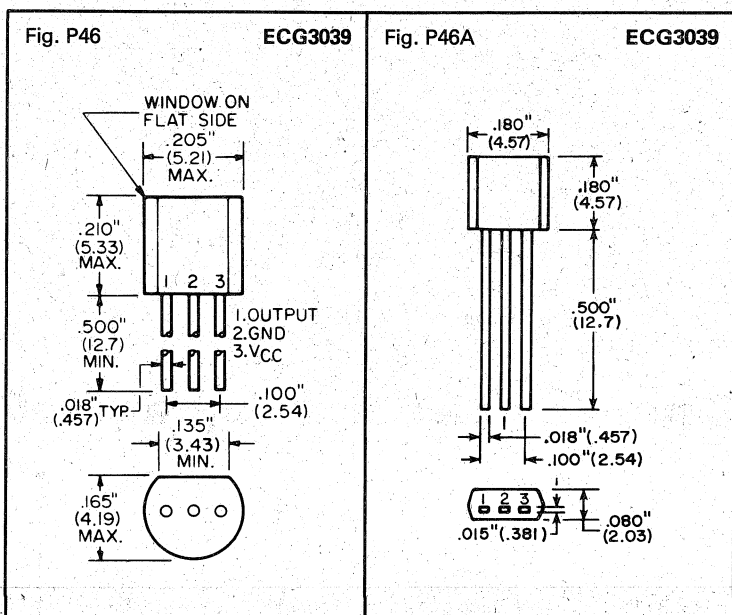
ECG Type	Description	Max Ratings				Typical Ratings		Ckt Diagram	Fig. * No.
		Supply Voltage Vcc (V)	Output Voltage VOUT (V)	Output Current IOUT (mA)	Power Diss. Pd (mW)	Light Threshold ON EON (Lumens/Ft²)	Light Threshold OFF EOFF (Lumens/Ft²)		
ECG3039	Light/Dark Electronic Switch	15	15	50	750	5.0	5.9	S	P46 P46A

* May be shipped in either case style.

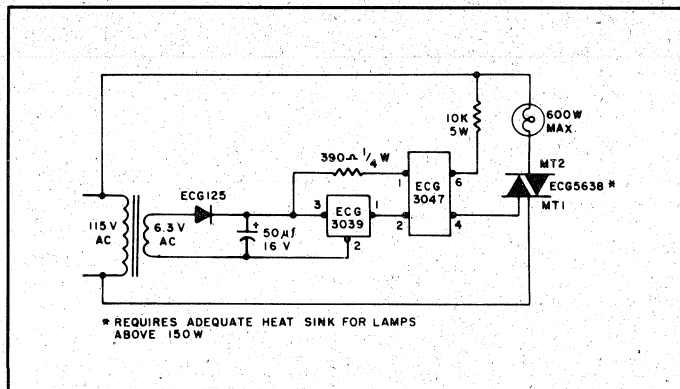
Circuit



Outlines



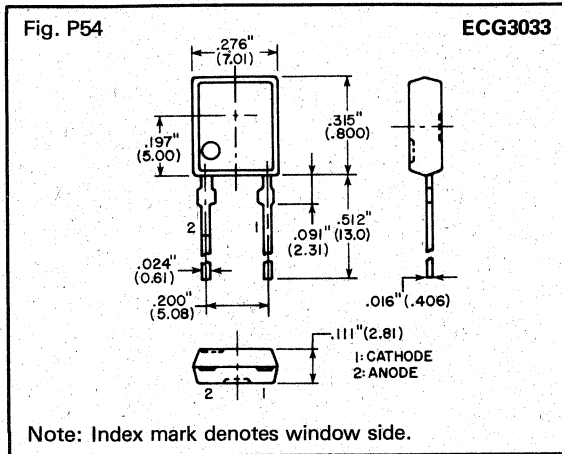
Typical Application



Infrared Detector Diodes

ECG Type	Description	Reverse Voltage V_R (V)	Max. Dark Current I_D (nA)	Min Light Current I_L (μ A)	Power Dissipation P_D (mW)	Rise Time t_r (nS)	Typ Detection Angle	Typ Detection Wavelength (nm)	Fig. No.
ECG3033	Infrared PIN Detector Diode	30	50	35	100	50	65°	900	P54

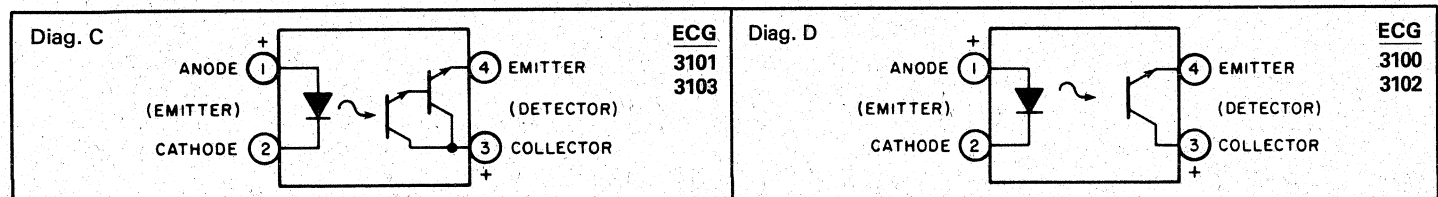
Outline



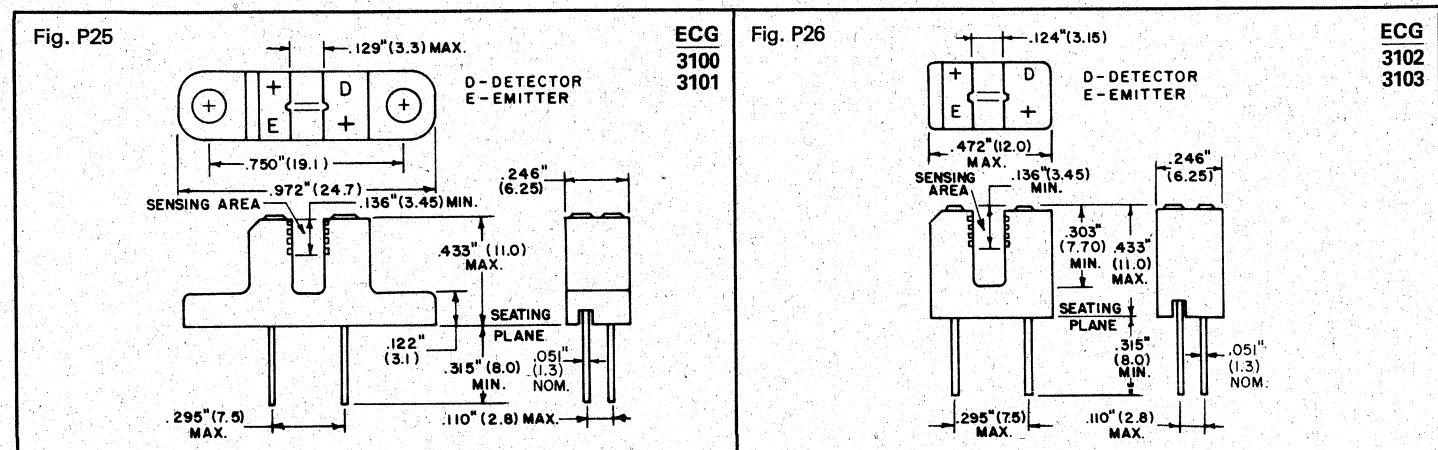
Opto-Coupled Interrupter Modules

ECG Type	Output Configuration	Total Power Dissipation P_t (mW)	LED Max Ratings		Collector To Emitter Voltage BV_{CEO} (V)	Collector Current I_c (mA)	Ckt. Diagram	Fig. No.
			Forward Current I_F (mA)	Reverse Voltage V_R (V)				
ECG3100	NPN Transistor	250	60	6	55	100	D	P25
ECG3101	NPN Darlington	250	60	6	55	100	C	P25
ECG3102	NPN Transistor	250	60	6	55	100	D	P26
ECG3103	NPN Darlington	250	60	6	55	100	C	P26

Circuits



Outlines



Optoisolators

Phototransistors		Total Device Ratings			LED Max Ratings		Phototransistor Ratings				Ckt. Diag.	Fig. No.
ECG Type	Output Configuration	Isolation Voltage Viso Surge (V)	Total Power P _t (mW)	DC Current Transfer Ratio % *	Forward Current I _F (mA)	Reverse Voltage V _R (V)	Collector to Base Voltage BV _{CBO} (V)	Collector to Emitter Voltage BV _{CEO} (V)	Collector Current I _c (mA)	Typ Freq KHz		
ECG3040	NPN Transistor	7500	250	20	80	3	70	30	3.5 Typ	300	A	P28
ECG3041	NPN Transistor	7500	250	100	60	6	70	30	100 Max	150	A	
ECG3042	NPN Transistor	7500	250	20	60	3	70	30	50 Max	150	A	
ECG3043	NPN Transistor	3550	260	70	60	3	70	80	50 Max	100	A	
ECG3044	NPN Darlington	7500	300	300	80	3	--	80	150 Max	75	B	
ECG3045	NPN Darlington	7500	300	500	80	3	--	80	150 Max	75	B	
ECG3081	NPN Transistor	6000	250	20	60	3	--	30	100	100	D	P27
ECG3082	NPN Darlington	6000	250	400	60	3	--	30	100	75	C	
ECG3083	NPN Darlington	7500	250	100	60	3	55	55	100	75	E	P28
ECG3084	NPN Darlington	7500	250	200	60	3	30	30	100	75	E	
ECG3086	NPN Dual Transistor	7500	400	50	60	3	--	30	30	200	F	P29
ECG3088	NPN Transistor	7500	300	20	60	6	300	300 (BV _{CER})	100	200	A	P28
ECG3089	NPN Transistor	7500	300	20	60	--	70	30	100	200	M	
ECG3096	Low Input Drive NPN Transistor	7500	300	50 @ I _F 1 mA	60	6.0	70	30	100	200	A	

* DC Current Transfer Ratio is the output transistor collector current divided by the LED forward current - $h_{FE} = I_c / I_F$

Photothyristors		Total Device Ratings		LED Max Ratings		Photothyristor Ratings					Ckt. Diag.	Fig. No.
ECG Type	Output Configuration	Isolation Voltage Viso Surge (V)	Power P _t (mW)	Forward Current I _F (mA)	Reverse Voltage V _R (V)	V _{DRM} (V)	I _T RMS (mA)	I _{FT} (mA)	V _F (on) (V) 100 mA	I _{HOLD} (mA)		
ECG3046	SCR	3550	260	60	3	400	100	14	1.3	.5	G	P28
ECG3047	TRIAC	7500	330	50	3	250	100	10	3.0	.1	H	
ECG3048	TRIAC	7500	330	50	3	400	100	10	3.0	.1	H	
ECG3049	TRIAC with Zero Crossing Circuit	7500	330	50	3	250	100	15	3.0	.1	J	
ECG3091	SCR	4000	400	60	6	400	300	11	1.3 at 300 mA	.5	G	
ECG3097	TRIAC with Zero Crossing Circuit	7500	300	50	6	400	100	15	3.0	.2	J	

Photo FET		Total Device Ratings		LED Max Ratings		Photo FET Ratings					Ckt. Diag.	Fig. No.
ECG Type	Output Configuration	Isolation Voltage Viso Surge (V)	Power P _t (mW)	Forward Current I _F (mA)	Reverse Voltage V _R (V)	Drain to Source Breakdown Voltage BV _{DSS} (V)	Drain Current I _D (mA)	R _{DSon} (Ohms)	T _{on} (μsec)	T _{off} (μsec)		
ECG3085	FET	2500	300	60	6	± 30	± 100	200	15	15	K	P28

TTL Compatible Photo Coupled Logic Gates		Total Device Ratings		LED Ratings		Output Ratings				Ckt. Diag.	Fig. No.
ECG Type	Output Configuration	Isolation Voltage Viso (V)	Power P _t (mW)	Forward Current I _F (mA)	Reverse Voltage V _R (V)	Max Supply Voltage V _{CC} (V)	Output Current I _O (mA)	Propagation Delay Time (nsecs)	Enable Voltage V _E (V)		
ECG3087	Hi Speed Open Collector, NAND Gate	3000	100	10	5.0	5.0	50	75	5.0	L	P29
ECG3094	Dual Hi Speed Open Collector, NAND Gates	3000	60	15	5.0	5.0	16 Per Channel	75	--	Q	

Optoisolators (cont'd)

TTL Compatible Phototransistors		Device Ratings		LED Max Ratings		Output Ratings					Ckt. Diag.	Fig. No.
ECG Type	Output Configuration	Isolation Voltage V _{iso} (V)	Power P _t (mW)	Forward Current I _F (mA)	Reverse Voltage V _R (V)	Max V _{CC} (V)	Current Transfer Ratio % *	Output Current I _O (mA)	Propagation Delay Time (nsec)	Data Transfer Rate Mbit/sec		
ECG3092	Open Collector NPN Transistor	3000	100	25	5	15	15	8	800	1	O	P29
ECG3093	NPN Split Darlington	3000	100	20	5	18	400	60	t _{PHL} 1 μsec t _{PLH} 7 μsec	100K	P	
ECG3095	Dual Open Collector, NPN Transistors	3000	100	25	5	15	15	8	800	1	R	

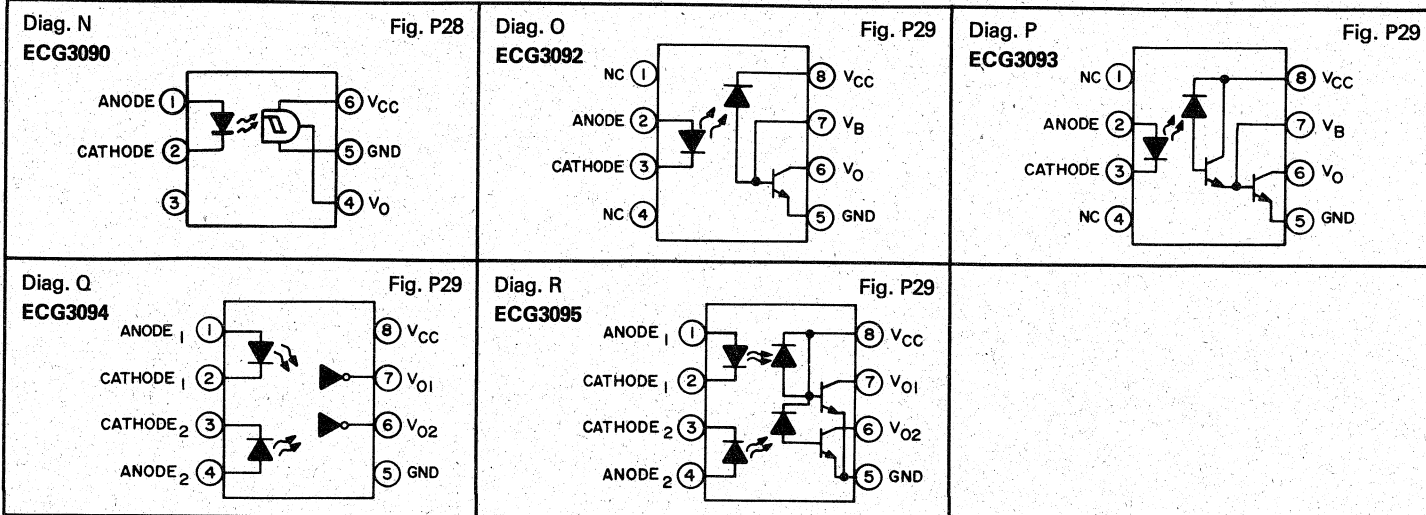
* DC Current Transfer Ratio is the output transistor collector current divided by the LED forward current - $h_{FE} = I_C / I_F$

ECG Type	Output Configuration	Total Device Ratings		Led Max Ratings		Output Ratings					Ckt. Diag.	Fig. No.
		Isolation Voltage V _{iso} Surge (V)	Power P _t (mW)	Forward Current I _F (mA)	Reverse Voltage V _R (V)	V _{CC} Voltage Range (V)	Output Voltage V _O (V)	Output Current I _O (mA)	Turn-On Time T _{on} (μsec)	Turn-Off Time T _{off} (μsec)		
ECG3090	Schmitt Trigger	7500	150	60	6	3V to 15V	15 max	50 max	1.2 typ	1.2 typ	N	P28

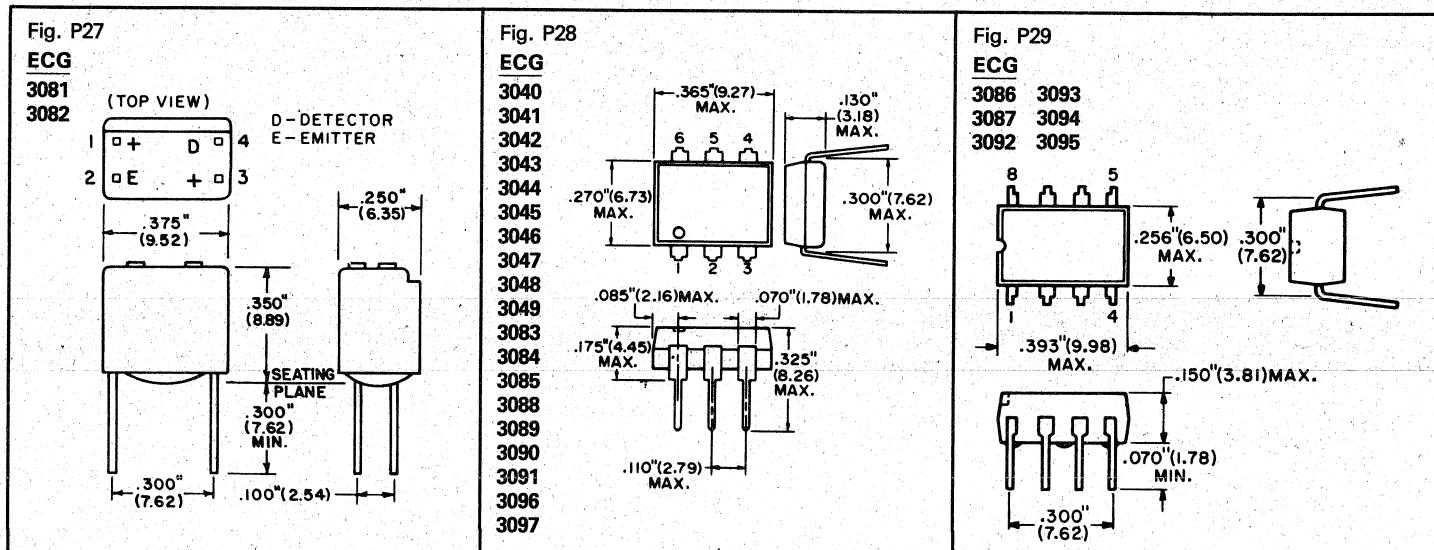
Optoisolator Circuits

<p>Diag. A ECG 3040 3041 3042 3043 3088 3096</p> <p>Fig. P28</p>	<p>Diag. B ECG 3044 3045</p> <p>Fig. P28</p>	<p>Diag. C ECG3082</p> <p>Fig. P27</p>
<p>Diag. D ECG3081</p> <p>Fig. P27</p>	<p>Diag. E ECG 3083 3084</p> <p>Fig. P28</p>	<p>Diag. F ECG3086</p> <p>Fig. P29</p>
<p>Diag. G ECG 3046 3091</p> <p>Fig. P28</p>	<p>Diag. H ECG 3047 3048</p> <p>Fig. P28</p>	<p>Diag. J ECG 3049 3097</p> <p>Fig. P28</p>
<p>Diag. K ECG3085</p> <p>Fig. P28</p>	<p>Diag. L ECG3087</p> <p>Fig. P29</p>	<p>Diag. M ECG3089</p> <p>Fig. P28</p>

Optoisolator Circuits (cont'd)



Optoisolator Outlines



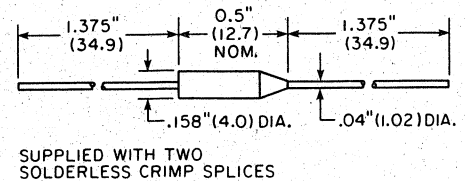
Thermal Cutoffs

Maximum Current Rating: 15 Amperes

Typical Opening Temperature Tolerance: +0°C, -4°C

ECG Type	Maximum Opening Temperature		ECG Type	Maximum Opening Temperature	
	°C	°F		°C	°F
ECG8063	66	151	ECG8115	117	243
ECG8070	72	162	ECG8118	121	250
ECG8076	77	171	ECG8125	128	263
ECG8081	84	184	ECG8139	141	286
ECG8085	87	189	ECG8149	152	306
ECG8090	93	200	ECG8167	171	340
ECG8096	98	209	ECG8181	184	364
ECG8098	100	212	ECG8213	216	421
ECG8103	104	220	ECG8226	228	443
ECG8108	109	229	ECG8242	240	464

Fig. C1



Replacement Procedures and Precautions

Proper Identification Of Part To Be Replaced.

It is important to determine the correct cut-off temperature from any available information. The original part may be marked with a part number, a cut-off temperature (in °C or °F), three resistor-type color bands (starting at seal end, bands represent opening temperature in degrees C) or any combination of these three markings.

The color of the plastic on the end of a TCO is not a reliable indication of the cut-off temperature. **There is no industry standard.**

Frequently the last three digits of the part number are the same as the cut-off temperature in either degrees Fahrenheit or degrees Celsius. The table below lists Celsius to Fahrenheit temperature conversions for your reference. When replacing a thermal cut-off with a trip temperature less than 120°C, the replacement part should have a trip temperature within 4°C of the original part. If the original part has a trip temperature greater than 120°C, the replacement should be within 8°C of the original part.

°C to °F Temperature Equivalents

°C	°F	°C	°F	°C	°F	°C	°F
60	140	95	203	140	284	210	410
65	149	100	212	150	302	220	428
70	158	105	221	160	320	230	446
75	167	110	230	170	338	240	464
80	176	115	239	180	356	250	482
85	185	120	248	190	374		
90	194	130	266	200	392		

Replacement Techniques

THE THERMAL CUT-OFF CAN FAIL TO OPEN IF ONE OR MORE OF THE FOLLOWING CONDITIONS ARE PRESENT:

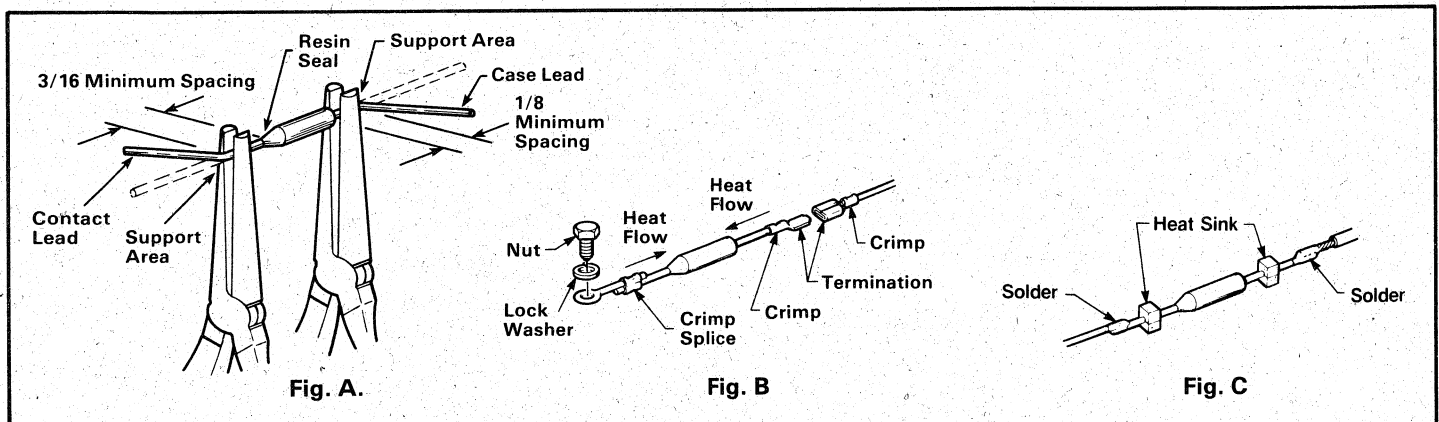
- A. - Cracked or broken end seal due to improper lead bending, over-temperature soldering or excessive temperatures in use.
- B. - Compression on the end seal lead during use that could re-establish continuity with the case after tripping.
- C. - Distorted case caused by damage or clamping during the replacement operation.

The replacement thermal cut-off should have the same lead orientation as the original part to maintain proper heat flow characteristics and to avoid possible shock hazard from failed device case.

If it is necessary to bend the leads of the replacement device, care must be exercised to support the leads near the seal or body with a hand tool or bending fixture as illustrated in Fig. A.

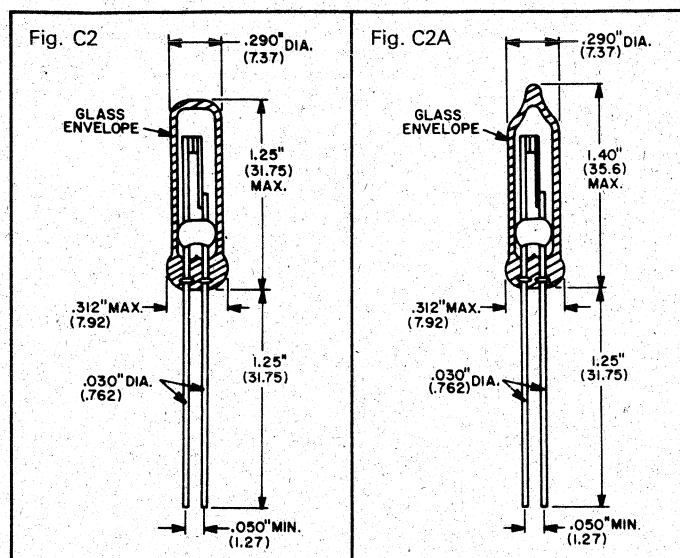
Because these devices are temperature sensitive, we recommend solderless crimp splices or crimp terminations be used as shown in Fig. B. If the leads of the original device are long enough, cut the defective part out at the seal and body. The replacement part can then be installed to the original part leads using the seamless crimp splices supplied with the ECG replacement.

Thermal cut-off leads can be soldered using a heat sink between the thermal cut-off body and the point of connection as shown in Fig. C. Excessive heat could shorten the thermal cut-off life, causing a nuisance trip.



Automatic Resetting Circuit Breakers

Typical Operating Characteristics (T _A = 25°C, Maximum Voltage 125 VAC, 18 V DC)			
ECG Type	Hold Current (Amps)	Trip Current (Amps)	Trip Time (Secs)
ECG202	1	2	5-40
ECG204	2	4	10-60
ECG205	3	6	10-60

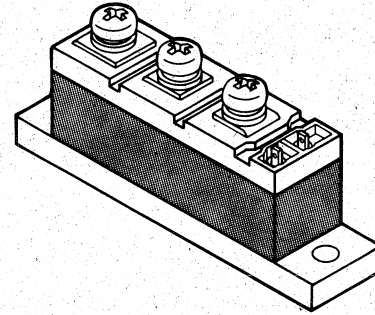


Industrial Power Modules

Thyristor Modules

Circuit No.	ECG No.	ECG No.
1	5710	5720
2	5711	5721
3	5712	5722
$I_T (AV)^*$	65 A	95 A
$I_T (RMS)^*$	120 A	150 A
VDRM	1200 Volts	1200 Volts
V _F	1.45 Volts	1.34 Volts
I _H	250 mA	250 mA
I _{TSM} (1 Cycle)	1500 A	1900 A
i^2T	9300 A ² sec	15000 A ² sec
RTHCS	.08 °C/W	.08 °C/W
T _J (Max)	+ 125 °C	+ 140 °C
dv/dt	200 V/μsec	200 V/μsec
T _q	150 μsec	150 μsec
VGT (Max)	1.5 Volts	1.5 Volts
IGT (Max)	200 mA	200 mA
PGT (Max)	20 W	20 W
Terminal Torque	35-50 In. Lb.	35-50 In. Lb.

* Per SCR or Rectifier

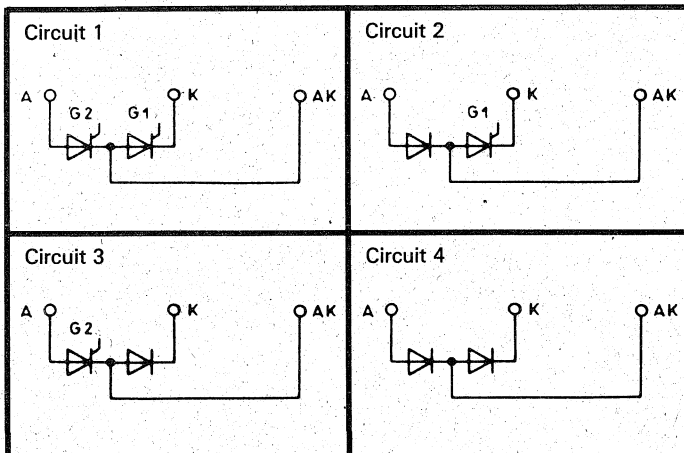


Rectifier Modules

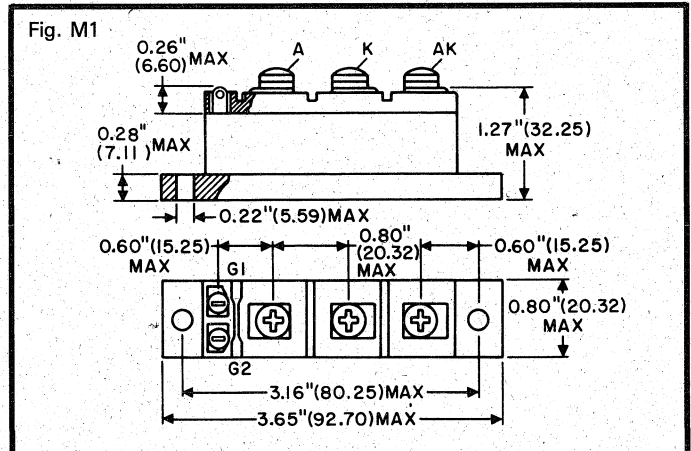
Circuit No.	ECG No.	ECG No.
4	6220	6230
$I_F (AV)^*$	65 A	95 A
$I_F (RMS)^*$	105 A	150 A
VDRM	1200 V	1200 V
I _{FSM} (1 Cycle)	1000 A	3600 A
i^2T	5000 A ² sec	6500 A ² sec
V _F	1.25 V	1.15 V
T _J (Max)	150 °C	150 °C
RTHCS	.08 °C/W	.08 °C/W
Terminal Torque	35-50 In. Lb.	35-50 In. Lb.

* Per Rectifier

Phase Control Thyristor and Rectifier Circuits

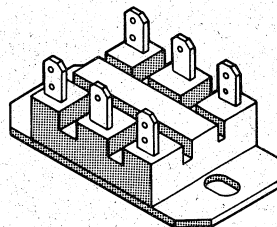


Module Outline



Industrial Power Modules (cont'd)

Hybrid Modules



ECG No.	5700	5701	5702	5703	5704	5705
Description	Single Phase, Hybrid Bridge, Common Cathode, Freewheeling Diode	Single Phase, Hybrid Bridge, Common Anode, Freewheeling Diode	Single Phase All SCR Bridge	SCR AC Switch	Hybrid Doubler	SCR Doubler
Terminal Positions						
Schematic Diagrams						

▲ For transient protection a metal oxide varistor (MOV) may be connected across Terminals AC1 and AC2 externally.

Electrical Characteristics

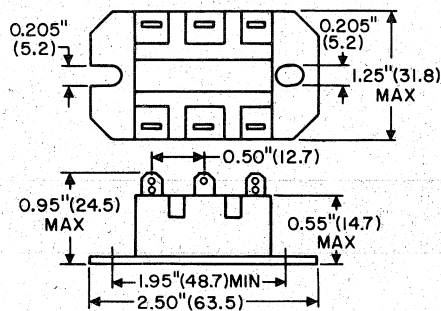
Symbol	Rating	Unit
V _{DRM}	1200	V
I _T (AV)*	12.5	A
I _T (RMS)*	28	A
I _{o†}	25	A
I _{TSM} (1 Cycle)	375	A
i ² T	580	A ² sec
V _F (Max)	1.35	V
I _h	100	mA
P _{GT} (Max)	11	W
I _{GT} (Max)	60	mA
V _{GT} (Max)	2	V
d _v /d _t	200	V/μsec
V _{ISO}	2500	V
Terminal Torque	35-50	In. Lb.

* Per SCR or Rectifier

† Rating for ECG5700, ECG5701 and ECG5702 only

Module Outline

Fig. M2



M

Symbols, Terms and Definitions

NPN Bipolar Transistor		P-Channel Enhancement Mode MOS FET Dual Gate		Silicon Unilateral Switch (SUS)		Optoisolator with Photo-Darlington Output, No Base	
PNP Bipolar Transistor		Silicon N-Type Unijunction Transistor (UJT)		Silicon Asymmetrical Switch (SAS)		Optoisolator with Photo-Darlington Output, and Base	
NPN Darlington Transistor		Silicon P-Type Unijunction Transistor (UJT)		PIN Diode		Optoisolator Triac Driver	
PNP Darlington Transistor		Programmable Unijunction Transistor (PUT)		Varactor		Optoisolator SCR Driver	
N-Channel J FET		Rectifier or Diode		Varistor		AND Gate	
P-Channel J FET		Full-Wave Bridge Rectifier		Metal Oxide Varistor (MOV)		OR Gate	
N-Channel Depletion Mode MOS FET Single Gate		Zener Diode		Light Emitting Diode (LED)		NAND Gate	
P-Channel Depletion Mode MOS FET Single Gate		SCR (Thyristor)		Photodiode		NOR Gate	
N-Channel Enhancement Mode MOS FET Single Gate		Triac (Thyristor)		NPN Phototransistor, No Base Connection		Inverting AMP	
P-Channel Enhancement Mode MOS FET Single Gate		Diac (Bilateral Trigger Diode)		NPN Phototransistor, with Base Connection		Non-Inverting AMP	
N-Channel Depletion Mode MOS FET Dual Gate		Silicon Controlled Switch (SCS) (Thyristor)		Optoisolator with Photodiode Output		Exclusive OR Gate	
P-Channel Depletion Mode MOS FET Dual Gate		Silicon Controlled Switch (Transistor) (SCS)		Optoisolator with Phototransistor Output, No Base Connection			
N-Channel Enhancement Mode MOS FET Dual Gate		Silicon Bilateral Switch (SBS)		Optoisolator with Phototransistor Output, and Base Connection			

Diodes, Rectifiers, Thyristors

C_t	— Total Capacitance - The Total Small-Signal Capacitance Between The Diode Terminals.
d_i/d_t	— Rate Of Change Of Current Versus Time.
d_v/d_t	— Rate Of Change Of Voltage Versus Time.
I_F	— Forward Junction Current - The Value Of DC Current That Flows Through A Semiconductor Diode Or Rectifier Diode In The Forward Direction.
I_{FRM}	— Peak Forward Current Repetitive Peak - The Peak Value Of The Forward Current Including All Repetitive Transient Currents.
I_{FSM}	— Forward Surge Peak DC Current - Maximum (Peak) Surge Forward Current Having A Specified Waveform And A Short Specified Time Interval.
$I_{GT Min}$	— Gate Trigger Current - Minimum Gate DC Current Required To Trigger The Device Under The Conditions Specified.
$I_{GO Max}$	— Peak Gate Turn-Off Current - Maximum Negative Gate Current Required To Switch Off.
I_H	— Holding Current - Anode Current Necessary To Maintain On-State.
I_O	— Average Rectifier DC Forward Current - The Value Of The Forward Current Averaged Over A 180° Conduction Angle At 60 Hz.
I_R	— DC Reverse Current - Value Of DC Current That Flows Through The Diode In The Reverse Direction. (Leakage Current.)
I_{RM}	— Maximum Reverse DC Current - The Respective Value Of Current That Flows Through The Junction In The Reverse Direction.
I_{trms}	— Continuous On-State Current.
I_{tsm}	— Surge (Non-Repetitive) Peak On-State Current - A Surge Current Of Short-Time Duration.
L_S	— Series Inductance - The Inductance Between The Terminals On The Diode.
PRV	— Peak Reverse Voltage - Maximum Repetitive Peak Reverse Blocking Voltage That May Be Applied To The Anode-Cathode Of The Device.
R_S	— Series Resistance - The Total Small Signal Resistance Between The Diode Terminals.
T_A	— Ambient Temperature - The Air Temperature Measured Below A Device, In An Environment Of Substantially Uniform Temperature, Cooled Only By Natural Air-Convection And Not Materially Affected By Reflective And Radiant Surfaces.
T_C	— Case Temperature - The Temperature Measured At A Specified Location On The Case Of A Device.
T_j	— Semiconductor Junction Temperature.
T_Q	— Turn Off Time.
t_{rr}	— Reverse Recovery Time - The Time Required For The Current Or Voltage To Recover To A Specified Value After Instantaneous Switching From A Stated Forward Current Condition To A Stated Reverse Voltage Or Current Condition.
V_B	— DC Breakdown Voltage - Value Of Voltage Measured At The Point Which Breakdown Occurs With The Diode Reverse Biased.
$V_{(BR)R}$	— Static Reverse Breakdown Voltage - The Value Of Negative Anode-To-Cathode Voltage At Which The Differential Resistance Breakdown Between The Anode And Cathode Terminals Changes From A High Value To A Substantially Lower Value.
V_{DRM}	— Repetitive Peak Off-State Voltage - Maximum Instantaneous Value Of The Off-State Voltage That Occurs Across The Devices, Including All Repetitive Transient Voltages, But Excluding All Non-Repetitive Transient Voltages.
V_F	— Forward Voltage - The Voltage Drop In A Semiconductor Diode Resulting From The Respective Forward Current.
V_{FM}	— Maximum Forward Voltage - The Voltage Drop In A Semiconductor Diode Resulting From The Respective Forward Current.
V_{GFM}	— Maximum Forward Gate Voltage - Maximum DC Forward Gate Voltage Permitted To Produce A Specified Forward Gate Current.
$V_{GO Max}$	— Peak Gate Turn-Off Voltage - Maximum Reverse Gate Voltage Required To Switch Off.
V_{GRM}	— Maximum Reverse Gate Voltage - Maximum Peak Reverse Voltage Allowable Between The Gate Terminal And The Cathode Terminal When The Junction Between The Gate Region And The Adjacent Cathode Region Is Reverse Biased.
V_Z	— Zener Regulator Reference Voltage - Value Of DC Voltage Across The Diode When It Is Biased To Operate In Its Breakdown Region.
$\Delta V_Z/\Delta T$	— Change In Zener Voltage To Change In Temperature.

Transistors

BV_{CBO}	— Collector To Base Breakdown Voltage - Voltage Measured Between Collector And Base With Emitter Open.
BV_{CEO}	— Collector To Emitter Breakdown Voltage - Voltage Measured Between Collector And Emitter With Base Open.
BV_{CER}	— Collector To Emitter Breakdown Voltage - Voltage Measured Between Collector And Emitter When The Base Terminal Is Returned To The Emitter Terminal Through A Specified Resistance.
BV_{CES}	— Collector To Emitter Breakdown Voltage - Voltage Measured Between Collector And Emitter With The Base Terminated Through A Short Circuit To The Emitter.
BV_{CEV}	— Collector To Emitter Breakdown Voltage - Voltage Measured Between Collector And Emitter When A Specified Voltage (V) Is Applied Between The Base And Emitter.

Transistors (cont'd)

BV_{CEX}	— Collector To Emitter Breakdown Voltage - Voltage Measured Between Collector And Emitter When The Base Is Terminated Through A Specified Load (X) To The Emitter.
BV_{DSS}	— Drain To Source Breakdown Voltage - Voltage Measured Between The Drain And Source Terminals With The Gate Short-Circuited To The Source Terminal.
BV_{EBO}	— Emitter To Base Breakdown Voltage - Reverse Voltage Measured Between Emitter And Base With The Collector Terminal Open.
BV_{GSS}	— Gate To Source Breakdown Voltage - The Breakdown Voltage Between The Gate And Source Terminals With The Drain Terminal Short-Circuited To The Source Terminal.
C_{ISS}	— Input Capacitance - The Capacitance Between The Terminals (Gate And Source) With The Drain Short-Circuited To The Source.
C_{RSS}	— Reverse Transfer Capacitance - The Capacitance Between The Drain And Gate Terminals.
f_T	— Gain Bandwidth Product - Frequency At Which Small-Signal Gain Becomes Unity.
g_{fs}	— Forward Transfer Conductance - Common Source Forward Transconductance.
G_{PE}	— Power Gain Emitter Output.
h_{FE}	— DC Current Gain - The Ratio Of Collector Current To Base Current At A Specified Collector-Emitter Voltage.
I_B	— DC Base Current - Value Of DC Current Into The Base Terminal.
I_C	— DC Collector Current - Value Of DC Current Into The Collector Terminal.
I_{DSS}	— Zero Bias Drain Current - Amount Of Current Which Flows In The Drain When The Gate Is Connected To The Source.
$N.F.$	— Noise Figure.
P_D	— Average Power Dissipation.
P_{IN}	— Signal Input Power To Device.
P_{OUT}	— Signal Output Power.
r_{DSS}	— Drain-Source On-State Resistance.
V_{CC}	— DC Supply Voltage Applied To The Collector Terminal.

Special Purpose Devices

BV_{CER}	— Breakdown Voltage Between Collector And Emitter With A Specified Resistor Between Base And Emitter.
BV_{GKF}	— Gate To Cathode Forward Breakdown Voltage.
BV_{GKR}	— Gate To Cathode Reverse Breakdown Voltage.
h_{FE}	— DC Current Gain - Ratio Of DC Output Current To The DC Input Current.
$I_{BO+ (Max)}$	— Maximum Forward Breakover Current.
$I_{BO- (Max)}$	— Maximum Reverse Breakover Current.
I_E	— Value Of The DC Current Into The Emitter.
I_{EO}	— Emitter Current With One Base Open.
I_G	— DC Gate Current - The DC Current Flowing Through The Gate As A Result Of Applied Gate Voltage.
I_{TPK}	— Total Peak Current.
I_V	— Valley Current - The Valley Current Is The Emitter Current At The Second Lowest Current Point.
η	— Intrinsic Stand Off Ratio.
R_{BBO}	— Base 1 To Base 2 Resistance With Open Emitter.
V_{AK}	— Anode To Cathode Voltage - The Maximum Value Of Voltage Applied Between Anode And Cathode Without Failure.
$V_{(BO)+}$	— Forward Breakover Voltage.
$V_{(BO)-}$	— Reverse Breakover Voltage.
ΔV_F	— Forward Breakback Voltage.
ΔV_R	— Reverse Breakback Voltage.
V_{GT}	— Gate Trigger Voltage - The Gate Voltage Required To Produce The Gate Trigger Current.

Opto Electronic Devices

I_D	— Dark Current - The Current Which Flows In A Photodetector When There Is No Incident Radiation On The Detector.
I_{FT}	— Input Trigger Current - Emitter Current Necessary To Trigger The Coupled Device.
I_L	— Light Current - The Current That Flows Through A Photo Sensitive Device When It Is Exposed To Illumination.
P_t	— Total Device Power Dissipation.
Response Time	— The Time It Takes The Device To React To An Incoming Signal.
Rise Time (t_r)	— The Time Duration During Which The Leading Edge Of A Pulse Is Increasing From 10% To 90% Of Its Maximum Amplitude.
V_{ISO}	— DC Isolation Surge Voltage - The Dielectric With-standing Voltage Between The Input And Output.
λ_P	— Wavelength At Peak Emission - The Wavelength At Which The Power Output From A Light-Emitting Diode Is Maximum.
θ_{HI}	— Half-Intensity Beam Angle - The Angle Within Which The Radiant Intensity Is Not Less Than Half Of The Maximum Intensity.

Linear IC Selector Guide

● Amplifiers

Audio Power

Output Watts	ECG No.	Package
0.15	716	8 Pin TO-5
0.45	1530	14 Pin DIP-ET
0.5	745	8 Pin DIP
	823	8 Pin DIP
	1031	12 Pin DIP-W
	1465	9 Pin SIP
	1467	8 Pin SIP
0.55	1627	9 Pin SIP
0.7	1036	12 Pin DIP-W
	1612	9 Pin SIP
1.0	717	14 Pin DIP
	784	12 Pin TO-5
	812	14 Pin DIP
	825	14 Pin DIP
	1008	9 Pin TO-3
	1009	8 Pin DIP-W
	1032	12 Pin DIP-W
	1033	12 Pin DIP-W
	1035	12 Pin DIP-W
	1075A	14 Pin DIP-ET
	1097	14 Pin DIP-ET
	1126	14 Pin DIP-ET
	1303	14 Pin DIP-ET
	1452	7 Pin SIP
	1472	14 Pin DIP-ET
1.2	1704	9 Pin SIP
1.3	1137	10 Pin TO-5
1.4	1476	10 Pin SIP-HS
1.5	828	14 Pin DIP
	1141	8 Pin DIP-ET
	1180	14 Pin DIP-ET
	1224	10 Pin TO-5
1.8	1516	8 Pin DIP-ET
2.0	740A	14 Pin DIP-W
	810A	14 Pin DIP-W
	862	14 Pin DIP-W
	1010	8 Pin DIP-W
	1117	14 Pin DIP-Q
	1140	8 Pin DIP-ET
	1156	16 Pin DIP-ET
	1238	12 Pin DIP-W
	1294	8 Pin DIP
2.1	1113	14 Pin DIP-Q
	1228	14 Pin DIP-ET
	1381	14 Pin DIP-ET
2.2	1112	14 Pin DIP
2.3	1463	14 Pin DIP-ET
2.5	1150	8 Pin DIP-W
	1470	14 Pin DIP-ET
3.0	1011	8 Pin DIP-W
3.3	1118	14 Pin DIP-Q, HS
3.5	1029	10 Pin DIP-ET
	1038	10 Pin DIP-ET
	1185	10 Pin SIP-HS
	1384	10 Pin SIP-HS
3.8	1385	14 Pin DIP-W
4.0	1023	14 Pin DIP-W
	1732	12 Pin SIP
4.2	1153	10 Pin SIP-HS
	1222	14 Pin DIP-W
	1363	9 Pin SIP-HS
4.4	1407	9 Pin SIP

Output Watts	ECG No.	Package
4.5	1127	10 Pin SIP-HS
	1165	10 Pin SIP-HS
	1193	12 Pin SIP-HS
	1566	9 Pin SIP-HS
4.8	1081A	10 Pin SIP-HS
	1107	14 Pin DIP-W
5.0	862	14 Pin DIP-W
	1098	10 Pin TO-3
	1116	12 Pin DIP-W
	1450	10 Pin DIP
5.2	1160	10 Pin SIP-HS
	1283	10 Pin SIP-HS
	1284	10 Pin SIP-HS
	1365	9 Pin SIP-HS
5.5	1037	10 Pin DIP-ET
	1169	10 Pin SIP-HS
	1211	10 Pin SIP-HS
	1239	10 Pin SIP-HS
	1240	11 Pin SIP
	1260	10 Pin SIP-HS
	1261	10 Pin SIP-HS
	1362	9 Pin SIP-HS
	1366	10 Pin SIP-HS
	1369	11 Pin SIP
5.7	1423	8 Pin SIP-HS
	1424	8 Pin SIP-HS
5.8	1155	10 Pin SIP-HS
	1166	10 Pin SIP-HS
	1194	10 Pin SIP-HS
	1256	10 Pin SIP-HS
	1275	10 Pin SIP-HS
	1278	10 Pin SIP-HS
	1285	7 Pin SIP
	1286	7 Pin SIP
	1370	10 Pin SIP-HS
	1375	10 Pin SIP-HS
	1388	10 Pin SIP
6.5	1638	12 Pin SIP
7.0	1115	12 Pin DIP-W
	1115A	12 Pin DIP-QW
	1392	10 Pin SIP-HS
	1393	10 Pin SIP-HS
8.0	1024	10 Pin SIP-M
	1232	5 Pin TO-220
	1386	12 Pin SIP-HS
10.0	1025	10 Pin SIP-M
	1288	5 Pin TO-220
	1343	15 Pin SIP-M
	1378	5 Pin TO-220
12.0	1361	9 Pin SIP-HS
	1374	5 Pin TO-220
	1390	10 Pin SIP
	1391	10 Pin SIP
13.0	1027	10 Pin SIP-M
	1139	10 Pin SIP-M
14.0	1380	5 Pin TO-220
15.0	1274	10 Pin SIP-M
	1319	10 Pin SIP
	1323	10 Pin SIP-M
	1341	10 Pin SIP-M
18.0	1399	12 Pin SIP-HS
19.0	1602	12 Pin SIP-HS
20.0	1028	10 Pin SIP-M
	1287	14 Pin DIP
	1348	8 Pin SIP

Output Watts	ECG No.	Package
20.0	1349	12 Pin SIP-M
	1389	12 Pin SIP
	1724	10 Pin SIP
22.0	1376	5 Pin TO-220
24.0	1326	10 Pin SIP-M
	1340	10 Pin SIP-M
25.0	1090	10 Pin SIP-M
	1320	10 Pin SIP-M
	1332	10 Pin SIP-M
30.0	1352	12 Pin SIP-M
35.0	1280	10 Pin SIP-M
	1282	10 Pin SIP-M
	1327	10 Pin SIP-M
40.0	1333	10 Pin SIP-M
	1353	16 Pin SIP-M
	1357	10 Pin SIP-M
50.0	1148	10 Pin SIP-M
	1279	10 Pin SIP-M
	1281	10 Pin SIP-M
	1328	10 Pin SIP-M
	1350	10 Pin SIP-M
	1358	10 Pin SIP-M
55.0	1321	10 Pin SIP-M
60.0	1334	10 Pin SIP-M
	1346	10 Pin SIP-M
	1354	8 Pin SIP-M
	1360	10 Pin SIP-M
70.0	1336	16 Pin SIP-M
	1337	16 Pin SIP-M
80.0	1322	10 Pin SIP-M
	1335	10 Pin SIP-M
100.0	1342	10 Pin SIP-M
	1355	10 Pin SIP-M

Audio Dual Power

Output Watts/CH	ECG No.	Package
2.0	804	14 Pin DIP-W
	990	14 Pin DIP-W
	1154	14 Pin DIP-W
2.3	1667	16 Pin DIP-W
2.4	1387	10 Pin SIP-HS
2.5	1687	11 Pin SIP-HS
3.0	1444	16 Pin DIP
3.5	1397	10 Pin SIP-HS
	1685	10 Pin SIP-HS
3.9	1372	20 Pin DIP
4.2	1382	20 Pin DIP
	1626	12 Pin SIP
	1637	14 Pin SIP
4.3	1606	12 Pin SIP-HS
4.5	1619	12 Pin SIP
5.0	1367	18 Pin DIP
5.1	1383	18 Pin DIP
5.5	1291	14 Pin SIP
	1364	14 Pin SIP
	1371	12 Pin SIP
	1373	12 Pin SIP
	1379	20 Pin DIP
	1394	12 Pin SIP
	1707	12 Pin SIP
5.8	1368	12 Pin SIP
	1395	12 Pin SIP-HS
	1398	12 Pin SIP-HS

Linear IC Selector Guide (cont'd)

Audio Dual Power (cont'd)

Output Watts/CH	ECG No.	Package
6.0	1220	15 Pin SIP-M
	1343	15 Pin SIP-M
	1377	14 Pin SIP
6.5	1396	11 Pin SIP-HS
7.0	1218	15 Pin SIP-M
	1293	12 Pin SIP
8.5	1675	20 Pin DIP
9.5	1212	16 Pin SIP-M
10.0	1324	16 Pin SIP-M
15.0	1219	15 Pin SIP-M
	1252	16 Pin SIP-M
	1273	20 Pin DIP
	1330	16 Pin SIP-M
20.0	1325	16 Pin SIP-M
	1329	15 Pin SIP-M
	1347	16 Pin SIP-M
22.0	1359	15 Pin SIP-M
25.0	1331	16 Pin SIP-M
	1344	15 Pin SIP-M
	1351	16 Pin SIP-M
	1356	16 Pin SIP-M
30.0	1345	16 Pin SIP-M

Audio Power with Preamps

Output Watts	ECG No.	Package
1.0	1043	14 Pin DIP
	1093	14 Pin DIP-ET
	1095	14 Pin DIP-ET
	1097	14 Pin DIP-ET
4.4	1058	9 Pin SIP

Audio Preamps

ECG735	4 Pin DIP
ECG753	4 Pin DIP-Q
ECG755	4 Pin DIP-Q
ECG772A	8 Pin DIP-Q
ECG839	8 Pin DIP
ECG942	14 Pin DIP
ECG1000	7 Pin SIP
ECG1001	7 Pin SIP
ECG1015	8 Pin ZIL
ECG1016	9 Pin ZIL
ECG1019	9 Pin ZIL
ECG1021	9 Pin ZIL
ECG1052	7 Pin SIP
ECG1053	10 Pin TO-5
ECG1059	14 Pin TO-3
ECG1082	7 Pin SIP
ECG1083	16 Pin (Dual-8)
ECG1085	7 Pin SIP
ECG1087	7 Pin SIP
ECG1102	5 Pin SIP
ECG1103	7 Pin SIP
ECG1119	7 Pin SIP
ECG1120	7 Pin SIP
ECG1135	7 Pin SIP
ECG1152	13 Pin ZIL
ECG1179	8 Pin DIP
ECG1184	16 Pin DIP
ECG1195	7 Pin SIP
ECG1205	16 Pin DIP
ECG1210	9 Pin SIP
ECG1223	7 Pin SIP
ECG1302	7 Pin SIP

ECG1431	7 Pin SIP
ECG1433	7 Pin SIP
ECG1449	8 Pin SIP
ECG1457	8 Pin SIP
ECG1459	8 Pin SIP
ECG1462	7 Pin SIP
ECG1464	7 Pin SIP
ECG1466	9 Pin SIP
ECG1468	7 Pin SIP
ECG1497	7 Pin SIP
ECG1660	8 Pin SIP
ECG1666	8 Pin SIP

Audio Dual Preamps

ECG721	14 Pin DIP
ECG725	14 Pin DIP
ECG824	8 Pin DIP
ECG942	14 Pin DIP
ECG947D	14 Pin DIP
ECG983	14 Pin DIP
ECG1170	8 Pin SIP
ECG1215	16 Pin DIP
ECG1221	14 Pin DIP
ECG1338	15 Pin SIP-M
ECG1339	15 Pin SIP-M
ECG1435	9 Pin SIP
ECG1451	14 Pin DIP
ECG1453	14 Pin DIP
ECG1455	14 Pin DIP
ECG1456	14 Pin DIP
ECG1458	8 Pin SIP
ECG1477	14 Pin DIP-ET
ECG1480	14 Pin DIP
ECG1481	14 Pin DIP-ET
ECG1517	10 Pin SIP
ECG1523	10 Pin SIP
ECG1571	14 Pin DIP
ECG1577	16 Pin DIP
ECG1634	14 Pin DIP
ECG1651	16 Pin DIP
ECG1659	8 Pin SIP
ECG1730	9 Pin SIP

Audio Quad Preamps

ECG727	16 Pin DIP
ECG834	14 Pin DIP
ECG948	14 Pin DIP
ECG987	14 Pin DIP
ECG992	14 Pin DIP

Audio/Spkr/Protect/Voltage/ Temp/Overload

ECG1635	8 Pin SIP
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General Purpose

Differential

ECG724	8 Pin Can
ECG773	8 Pin DIP-Q
ECG900	10 Pin Can
ECG906	12 Pin Can
ECG917	14 Pin DIP

General Purpose

ECG1101	7 Pin SIP
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Hi-Frequency

ECG1104	5 Pin SIP
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Noise Reduction

ECG1311	18 Pin DIP-ET
ECG1744	22 Pin DIP

Squelch

ECG1235	7 Pin SIP
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Wide Band

ECG785	10 Pin Can
ECG838	8 Pin DIP
ECG901	12 Pin Can

Operational (Op Amp)

Single DC Power Supply

Differential, Cascade

ECG773	8 Pin DIP-Q
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Dual/Hi Speed/Program- mable/Current Mode

ECG869	14 Pin DIP
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Quad Current Mirror/Int. Comp.

ECG992	14 Pin DIP
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Single or Split DC Power Supply

Bi-MOS

ECG930	8 Pin Can
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Dual Hi Gain/Internally Comp.

ECG928	8 Pin Can
ECG928M	8 Pin DIP
ECG928S	9 Pin SIP
ECG928SM	8 Pin SOIC

Hi Frequency

ECG724	8 Pin Can
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Low Power Drain

ECG877	8 Pin Can
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Quad General Purpose/Freq Comp.

ECG987	14 Pin DIP
ECG987SM	14 Pin SOIC

Wide Band/Large Signal/Hi Speed

ECG871	8 Pin Can
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Split DC Power Supply

Dual/Internal Compensation

ECG778A	8 Pin DIP
ECG778SM	8 Pin SOIC
ECG947	10 Pin Can
ECG947D	14 Pin DIP

FET Input

ECG857M	8 Pin DIP
ECG857SM	8 Pin SOIC
ECG937	8 Pin Can
ECG937M	8 Pin DIP
ECG940	8 Pin Can

FET Dual Input

ECG858M	8 Pin DIP
ECG858SM	8 Pin SOIC

FET Quad Input

ECG859	14 Pin DIP
ECG859SM	14 Pin SOIC

General Purpose

ECG847	14 Pin DIP
ECG941	8 Pin Can
ECG941D	14 Pin DIP
ECG941M	8 Pin DIP
ECG941S	7 Pin SIP
ECG941SM	8 Pin SOIC
ECG975	8 Pin DIP
ECG975SM	8 Pin SOIC
ECG976	8 Pin DIP
ECG1171	8 Pin Can

Hi Gain/Lo Noise

ECG909	8 Pin Can
ECG909D	14 Pin DIP

Hi Gain/Lo Noise (Dual)

ECG1529	9 Pin SIP
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Hi Gain/Lo Noise (Quad)

ECG948	14 Pin DIP
ECG948SM	14 Pin SOIC
ECG997	14 Pin DIP

Linear IC Selector Guide (cont'd)

Split DC Power Supply (cont'd)

Hi Speed/Hi Gain

ECG915	10 Pin Can
ECG918	8 Pin Can
ECG918M	8 Pin DIP
ECG918SM	8 Pin SOIC

Hi Speed/Internal Comp.

ECG927	10 Pin Can
ECG927D	14 Pin DIP
ECG927SM	14 Pin SOIC

Hi Speed/Voltage Follower

ECG924	8 Pin Can
ECG924M	8 Pin DIP

Internal Comp./Low Input Current

ECG945	8 Pin Can
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Precision/Instrumentation

ECG903	12 Pin Can
ECG908	14 Pin DIP
ECG925	8 Pin Can
ECG938	8 Pin Can
ECG938M	8 Pin DIP

Programmable

ECG944	8 Pin Can
ECG944M	8 Pin DIP

Transconductance

ECG870	14 Pin DIP
ECG902	8 Pin Can
ECG996	8 Pin DIP

● Arrays

Diode Arrays

ECG905	10 Pin Can
ECG907	12 Pin Can
ECG1680	7 Pin SIP

Transistor Arrays

ECG904	12 Pin Can
ECG912	14 Pin DIP
ECG916	16 Pin DIP
ECG929	16 Pin DIP

● Attenuators

Attenuator (Single)

ECG829	8 Pin DIP
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Attenuator (Dual)

ECG1439	14 Pin DIP
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Attenuator (Quad)

ECG802	16 Pin DIP
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Dual Attenuator/Tone Control

ECG1576	16 Pin DIP
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Quadraphonic Decoder Systems

ECG799	14 Pin DIP
ECG803	16 Pin DIP
ECG813	28 Pin DIP
ECG1022	16 Pin DIP

● Bar Display Drivers

AM/FM, Time/Frequency Display Driver

ECG1537	42 Pin DIP
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8-Circuit Fluorescent

ECG1715	18 Pin DIP
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Linear 5-Step Indicator Driver

ECG1502	9 Pin SIP
ECG1510	8 Pin SIP
ECG1511	14 Pin DIP-ET

Log. 5-Step Indicator Driver

ECG1503	9 Pin SIP
ECG1512	14 Pin DIP-ET
ECG1514	16 Pin DIP
ECG1515	16 Pin DIP

Linear 5-Step Indicator Driver-Open Collector

ECG1505	8 Pin DIP
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Log. 5-Step Indicator Driver-Open Collector

ECG1504	8 Pin DIP
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Log. 5-Step VU Meter Indicator Driver

ECG1561	9 Pin SIP
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Linear 7-Step Indicator Driver

ECG1501	16 Pin DIP-ET
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Log. 7-Step Indicator Driver

ECG1500	16 Pin DIP-ET
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Log. 9-Step Indicator Driver

ECG1513	16 Pin DIP
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Linear 10-Step Indicator Driver

ECG1519	16 Pin DIP
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Linear 10-Step Indicator Driver-Open Emitter

ECG1507	16 Pin DIP
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Linear 10-Step Indicator Driver-Open Collector

ECG1506	16 Pin DIP
ECG1508	18 Pin DIP

Log. 10-Step Indicator Driver-Open Collector

ECG1509	18 Pin DIP
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Log. 10-Step VU Meter Indicator Driver

ECG1549	18 Pin DIP
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● Bucket Brigades

Audio Signal Delay

ECG1640	14 Pin DIP
ECG1641	8 Pin DIP

Clock Generator/Driver for BBDs

ECG1639	8 Pin DIP
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● Electronic Organs

Digital Noise Generator

ECG2041★	8 Pin DIP
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Dividers

ECG2040★	14 Pin DIP
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Master Oscillator

ECG1026	9 Pin ZIL
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Top Octave Generator

ECG2042★	16 Pin DIP
ECG2043★	16 Pin DIP

● Frequency Dividers

ECG1197	9 Pin SIP
ECG1198	24 Pin DIP
ECG1199	24 Pin DIP
ECG2040★	14 Pin DIP
ECG9200★	4 Pin SIP

● Frequency to Voltage Converter

ECG995	14 Pin DIP
ECG995M	8 Pin DIP

● Head Coil and Meter Driver

ECG1241	7 Pin SIP
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● Modem

ECG2400★	40-Pin DIP
ECG2047★	16 Pin DIP
ECG6860★	24 Pin DIP

● Modulator—Demodulator

Balanced Modulator

ECG973	10 Pin Can
ECG973D	14 Pin DIP
ECG1249	7 Pin SIP
ECG1442	14 Pin DIP

Color/Video/Modulator

ECG846	18 Pin DIP
ECG855	14 Pin DIP

RF Oscillator/Video Modulator

ECG856	8 Pin DIP
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● Motor Drivers/Controls

Bipolar Step Driver

ECG1749	16 Pin DIP
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4-Phase Step Driver

ECG1736	18 Pin SIP-M
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DC Motor Driver

ECG1748	7 Pin SIP
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Dual Solenoid/Motor Driver

ECG1750	15 Pin SIP-HS
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● Operational (Op Amp)

Single DC Power Supply

Differential, Cascade

ECG773	8 Pin DIP-Q
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Dual/Hi Speed/Programmable/Current/Mode

ECG869	14 Pin DIP
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Quad Current Mirror/Int. Comp.

ECG992	14 Pin DIP
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Single or Split DC Power Supply

BI-MOS

ECG930	8 Pin Can
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Dual Hi Gain/Internally Comp.

ECG928	8 Pin Can
ECG928M	8 Pin Can
ECG928S	9 Pin SIP
ECG928SM	8 Pin SOIC

Hi Frequency

ECG724	8 Pin Can
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Low Power Drain

ECG877	8 Pin Can
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Quad General Purpose/Freq Comp.

ECG987	14 Pin DIP
ECG987SM	14 Pin SOIC

Wide Band/Large Signal/Hi Speed

ECG871	8 Pin Can
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Split DC Power Supply

Dual/Internal Compensation

ECG778A	8 Pin DIP
ECG778SM	8 Pin SOIC
ECG947	10 Pin Can
ECG947D	14 Pin DIP

FET Input

ECG857M	8 Pin DIP
ECG857SM	8 Pin SOIC
ECG937	8 Pin Can
ECG937M	8 Pin DIP
ECG940	8 Pin Can

★ Listed in Misc. Section Page 1-294

★ Listed in Misc. Section Page 1-294

Linear IC Selector Guide (cont'd)

Split DC Power Supply (cont.)

Fet Dual Input

ECG858M	8 Pin DIP
ECG858SM	8 Pin SOIC

FET Quad Input

ECG859	14 Pin DIP
ECG859SM	14 Pin SOIC

General Purpose

ECG847	14 Pin DIP
ECG941	8 Pin Can
ECG941D	14 Pin DIP
ECG941M	8 Pin DIP
ECG941S	7 Pin SIP
ECG941SM	8 Pin SOIC
ECG975	8 Pin DIP
ECG975SM	8 Pin SOIC
ECG976	8 Pin DIP
ECG1171	8 Pin Can

Hi Gain/Lo Noise

ECG909	8 Pin Can
ECG909D	14 Pin DIP

Hi Gain/Lo Noise (Dual)

ECG1529	9 Pin SIP
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Hi Gain/Lo Noise (Quad)

ECG948	14 Pin DIP
ECG948SM	14 Pin SOIC
ECG997	14 Pin DIP

Hi Speed/Hi Gain

ECG915	10 Pin Can
ECG918	8 Pin Can
ECG918M	8 Pin DIP
ECG918SM	8 Pin SOIC

Hi Speed/Internal Comp.

ECG927	10 Pin Can
ECG927D	14 Pin DIP
ECG927SM	14 Pin SOIC

Hi Speed/Voltage Follower

ECG924	8 Pin Can
ECG924M	8 Pin DIP

Internal Comp./Low Input Current

ECG945	8 Pin Can
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Precision/Instrumentation

ECG903	12 Pin Can
ECG908	14 Pin DIP
ECG925	8 Pin Can
ECG938	8 Pin Can
ECG938M	8 Pin DIP

Programmable

ECG944	8 Pin Can
ECG944M	8 Pin DIP

Transconductance

ECG870	14 Pin DIP
ECG902	8 Pin Can
ECG996	8 Pin DIP

● Phase Frequency Detectors

ECG974	14 Pin DIP
ECG1172	14 Pin DIP
ECG1208	9 Pin SIP

● Phase Locked Loops

ECG980	16 Pin DIP
ECG989	14 Pin DIP
ECG991	16 Pin DIP
ECG1167	16 Pin DIP
ECG1233	16 Pin DIP
ECG1253	22 Pin DIP
ECG1254	24 Pin DIP
ECG1255	16 Pin DIP
ECG1272	16 Pin DIP
ECG1460	16 Pin DIP

ECG1461	16 Pin ZIL
ECG1475	20 Pin DIP
ECG1482	16 Pin DIP
ECG1484	16 Pin DIP
ECG1526	28 Pin DIP
ECG1528	22 Pin DIP
ECG1534	16 Pin DIP
ECG1536	20 Pin DIP

● Pulse Width Modulators

ECG1720	16 Pin DIP
ECG1721	16 Pin DIP
ECG1722	18 Pin DIP
ECG1723	16 Pin DIP
ECG1729	16 Pin DIP
ECG1753	14 Pin DIP

● Power Supply

ECG1737	18 Pin SIP-M
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● Radio/AM

IF Amps

ECG1054	14 Pin DIP
ECG1124	16 Pin DIP
ECG1301	7 Pin SIP
ECG1310	14 Pin DIP-ET

IF Amp/AF Preamp

ECG710	14 Pin DIP-Q
ECG787	16 Pin DIP
ECG1013	9 Pin SIP
ECG1072	16 Pin DIP
ECG1108	14 Pin DIP

RF/IF Amp

ECG744	14 Pin DIP
ECG816	10 Pin Can
ECG817	8 Pin DIP
ECG1092	7 Pin SIP

RF/Amp/Mixer/Oscillator, IF Amp

ECG703	6 Pin Plastic
ECG806	14 Pin DIP
ECG1049	16 Pin DIP
ECG1073	16 Pin DIP
ECG1074	14 Pin DIP
ECG1214	16 Pin DIP
ECG1237	14 Pin DIP
ECG1290	16 Pin DIP
ECG1487	14 Pin DIP
ECG1491	14 Pin DIP
ECG1494	16 Pin DIP
ECG1495	15 Lead Formed SIP
ECG1518	19 Lead Formed SIP
ECG1533	16 Pin ZIL

RF Amp/Osc/Mixer/IF/Det for ET

ECG1608	20 Pin DIP
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● Radio/FM

Frequency Synthesizer

ECG1526	28 Pin DIP
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IF Amp

ECG726	10 Pin Can
ECG736	8 Pin DIP
ECG746	8 Pin DIP
ECG753	4 Pin DIP-Q
ECG760	6 Pin DIP-Q
ECG805	8 Pin DIP
ECG1002	8 Pin Can
ECG1039	8 Pin DIP
ECG1040	8 Pin SIP
ECG1041	8 Pin DIP
ECG1042	8 Pin DIP
ECG1100	7 Pin SIP
ECG1227	8 Pin DIP
ECG1309	7 Pin SIP

ECG1448	9 Pin SIP
ECG1474	7 Pin SIP

IF Amp/Limiter

ECG750	14 Pin DIP
ECG781	8 Pin Can
ECG1400	14 Pin DIP

IF Amp/Detector

ECG708	14 Pin DIP
ECG709	14 Pin DIP
ECG712	14 Pin DIP
ECG800	14 Pin DIP
ECG860	18 Pin DIP
ECG1234	7 Pin SIP
ECG1292	14 Pin DIP
ECG1436	14 Pin DIP
ECG1541	7 Pin SIP
ECG1578	16 Pin DIP
ECG1580	14 Pin DIP

IF Amp/Detector/AF PO

ECG742	16 Pin DIP-W
ECG807	16 Pin DIP-W
ECG826	18 Pin DIP
ECG1257	14 Pin DIP-ET

IF Amp/Detector/Preamp

ECG706	14 Pin DIP
ECG710	14 Pin DIP
ECG723	14 Pin DIP
ECG786	12 Pin Can
ECG788	16 Pin DIP
ECG1045	14 Pin DIP
ECG1047	14 Pin DIP
ECG1051	14 Pin DIP
ECG1057	14 Pin DIP
ECG1072	16 Pin DIP
ECG1108	14 Pin DIP
ECG1441	16 Pin DIP
ECG1579	16 Pin DIP

IF Amp/Det/Preamp/Meter Driver/Mute

ECG1559	16 Pin DIP
ECG1604	16 Pin ZIL

Noise Cancel Circuit

ECG1432	14 Pin DIP
ECG1447	16 Pin DIP
ECG1543	16 Pin DIP

Oscillator/Mixer/IF/Scan Control

ECG853	16 Pin DIP
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RF/IF Amp

ECG1092	7 Pin SIP
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RF/IF Amp/Osc/Mixer

ECG703	6 Pin Plastic
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Stereo Demod

ECG718	14 Pin DIP
ECG719	14 Pin DIP
ECG720	14 Pin DIP
ECG722	14 Pin DIP
ECG743	16 Pin DIP
ECG789	16 Pin DIP-Q
ECG801	14 Pin DIP
ECG1005	14 Pin DIP
ECG1006	14 Pin DIP
ECG1056	14 Pin DIP
ECG1106	16 Pin DIP
ECG1142	14 Pin DIP
ECG1181	16 Pin DIP
ECG1206	14 Pin DIP
ECG1217	16 Pin DIP
ECG1225	16 Pin DIP
ECG1226	14 Pin DIP
ECG1230	16 Pin DIP
ECG1243	14 Pin DIP
ECG1248	16 Pin DIP
ECG1460	16 Pin DIP
ECG1461	15 Pin ZIL

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Linear IC Selector Guide (cont'd)

Stereo Demod (cont'd)

ECG1482	16 Pin DIP
ECG1484	16 Pin DIP
ECG1489	16 Pin DIP
ECG1493	15 Lead Formed SIP
ECG1560	16 Pin DIP
ECG1565	16 Pin DIP
ECG1631	16 Pin ZIL
ECG1657	9 Pin SIP

Tuning Indicator Systems

ECG1149	14 Pin DIP
ECG1488	16 Pin DIP
ECG1525	9 Pin SIP
ECG1527	16+2 Pin DIP-ET

1/20 Divider Prescaler

ECG1499	9 Pin SIP
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Radio/CB

Oscillator/AM IF Amp

ECG1012	5 Pin SIP
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PLL Frequency Synthesizer

ECG991	16 Pin DIP
ECG1167	16 Pin DIP
ECG1233	16 Pin DIP
ECG1253	22 Pin DIP
ECG1254	24 Pin DIP
ECG1272	16 Pin DIP
ECG1475	20 Pin DIP
ECG1528	22 Pin DIP
ECG1536	20 Pin DIP

Prescaler

ECG993	16 Pin DIP
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Voltage Controlled Oscillator

ECG1192	9 Pin SIP
ECG1201	10 Pin SIP
ECG1202	10 Pin SIP
ECG1203	10 Pin SIP
ECG1204	10 Pin SIP
ECG1262	10 Pin SIP

Radio/AM/FM

AM/FM IF/Det/AM Osc/Mix/AGC/AF Out

ECG1624	16 Pin DIP
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Frequency Synthesizer

ECG1534	16 Pin DIP
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IF Amps

ECG1003	14 Pin DIP
ECG1054	14 Pin DIP
ECG1060	16 Pin DIP
ECG1242	16 Pin DIP
ECG1301	7 Pin SIP
ECG1563	16 Pin DIP

IF Amp/AF Preamp

ECG1124	16 Pin DIP
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IF Amp/Mixer/Osc/Det/Signal Meter Driver

ECG1654	16 Pin DIP
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IF/Detector/Preamp/Meter Driver

ECG1486	16+2 Pin DIP-ET
ECG1490	16 Pin DIP
ECG1525	9 Pin SIP
ECG1557	16 Pin DIP

Oscillator/Mixer/IF Amp

ECG1054	14 Pin DIP
ECG1055	14 Pin DIP
ECG1060	16 Pin DIP
ECG1073	16 Pin DIP
ECG1074	14 Pin DIP
ECG1242	16 Pin DIP

RF Hybrid Amplifiers

RF/IF/VHF Amp

ECG1768	3 Pin Can
ECG1769	3 Pin Can
ECG1770	3 Pin Can

Tachometer and Air Core Meter Driver

ECG1670	14 Pin DIP
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Tape Decks

Audio Program Selector

ECG1438	16 Pin ZIL
ECG1562	16 Pin DIP

Dual Channel Meter Driver

ECG1498	9 Pin SIP
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Signal Sense/Solenoid Driver

ECG1478	10 Pin SIP-HS
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10-Step Indicator Driver

ECG1519	16 Pin DIP
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Television

AFT

ECG711	10 Pin Can
ECG780	10 Pin Can
ECG783	14 Pin DIP
ECG1004	14 Pin DIP
ECG1046	14 Pin DIP
ECG1061	14 Pin DIP
ECG1096	14 Pin DIP-ET
ECG1174	14 Pin DIP-Q
ECG1250	16 Pin DIP

Audio Limiter/Amp/Demod/Bass/Treble

ECG1652	16 Pin DIP
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Chroma Amplifiers

ECG738	14 Pin DIP
ECG1094	14 Pin DIP

Chroma Amp/VCO/Burst/Buffer Amp

ECG1597	16+2 Pin DIP-ET
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Chroma Demodulators

ECG705A	9 Pin Can
ECG707	10 Pin Can
ECG713	14 Pin DIP
ECG790	14 Pin DIP
ECG798	14 Pin DIP
ECG821	14 Pin DIP
ECG1048	14 Pin DIP-ET
ECG1050	14 Pin DIP-ET
ECG1062	14 Pin DIP
ECG1068	16 Pin DIP
ECG1099	14 Pin DIP
ECG1122	14 Pin DIP
ECG1159	16 Pin DIP
ECG1178	14 Pin DIP
ECG1183	14 Pin DIP

Chroma Demodulator/Driver

ECG729	16 Pin DIP-Q
ECG1071	16 Pin DIP
ECG1130	16 Pin DIP

Chroma Demodulator/Matrix-RGB

ECG739	14 Pin DIP
ECG1163	16 Pin DIP
ECG1305	24 Pin DIP-ET

Chroma Processor

ECG715	14 Pin DIP
ECG728	16 Pin DIP
ECG797	16 Pin DIP

ECG809	16 Pin DIP
ECG1067	16 Pin DIP
ECG1089	20 Pin DIP
ECG1131	16 Pin DIP
ECG1158	16 Pin DIP
ECG1182	16 Pin DIP
ECG1200	16 Pin DIP
ECG1304	24 Pin DIP-ET

Chroma Processor/Demodulator

ECG702	16 Pin DIP
ECG791	16 Pin DIP
ECG844	28 Pin DIP
ECG986	24 Pin DIP
ECG1189	28 Pin DIP
ECG1196	24 Pin DIP
ECG1216	16 Pin DIP
ECG1296	16+2 Pin DIP-ET
ECG1297	22 Pin DIP
ECG1305	24 Pin DIP-ET
ECG1307	24 Pin DIP-ET
ECG1747	28 Pin DIP

Chroma Processor/Subcarrier Gen

ECG1069	16 Pin DIP
ECG1121	16 Pin DIP

Chroma Subcarrier Gen

ECG700	16 Pin DIP
ECG714	16 Pin DIP
ECG982	16 Pin DIP
ECG1123	16 Pin DIP

Chroma/Vid Amp

ECG822	16 Pin DIP
ECG845	24 Pin DIP

Chroma/Vid Amp/Demodulator

ECG1473	28 Pin DIP
ECG1532	28 Pin DIP
ECG1589	28 Pin DIP
ECG1617	30 Pin DIP
ECG1673	28 Pin DIP
ECG1726	24 Pin DIP

Chroma/Vid Amp/Demodulator-RGB

ECG1410	28 Pin DIP
ECG1416	28 Pin DIP
ECG1665	42 Pin DIP

Color Compensation

ECG1415	14 Pin DIP
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Horiz Oscillator

ECG820	16 Pin DIP
ECG1018	13 Pin ZIL
ECG1313	14 Pin DIP-ET

Horiz Osc/Driver/Sync/X-Ray Protect

ECG1629	9 Pin SIP
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Horiz Processor

ECG792	16 Pin DIP
ECG815	8 Pin DIP
ECG836	8 Pin DIP
ECG863	8 Pin DIP
ECG1086	16 Pin DIP

Horiz/Vert Countdown

ECG848	14 Pin DIP
ECG849	14 Pin DIP
ECG852	14 Pin DIP

Horiz/Vert Countdown Driver

ECG874	28 Pin DIP
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Horiz/Vert Proc/Vert Out

ECG1661	16 Pin DIP-ET
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Horiz/Vert/Osc/Driver/Countdown

ECG868	24 Pin DIP
ECG1683	18 Pin DIP
ECG1739	16 Pin DIP

Linear IC Selector Guide (cont'd)

● Television (cont'd)

Horiz/Vert/Osc/Sync/AF

ECG1403	16 Pin DIP
ECG1540	16 Pin DIP

Horiz/Vert/Osc/Sync/Driver

ECG1587	24 Pin DIP
ECG1632	18 Pin DIP

Horiz/Vert/Osc/Sync/X-Ray Prot.

ECG1295	18 Pin DIP
ECG1299	24 Pin DIP
ECG1417	24 Pin DIP
ECG1445	22 Pin DIP
ECG1471	16 + 2 Pin DIP-ET
ECG1496	16 Pin DIP
ECG1535	24 Pin DIP
ECG1538	16 Pin DIP
ECG1539	18 Pin DIP
ECG1544	16 Pin DIP
ECG1550	16 + 2 Pin DIP-ET
ECG1552	24 Pin DIP
ECG1664	22 Pin DIP
ECG1727	18 Pin DIP

Luminance/Chroma Proc/Demod

ECG873	28 Pin DIP
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Luminance Processor

ECG818	16 Pin DIP
ECG1177	14 Pin DIP

Sound IF

ECG746	8 Pin DIP
ECG795	8 Pin DIP
ECG1002	8 Pin Can
ECG1443	14 Pin DIP
ECG1575	14 Pin DIP

Sound IF/AF PO

ECG742	16 Pin DIP-W
ECG807	16 Pin DIP-W
ECG826	18 Pin DIP
ECG1175	16 Pin DIP-HS
ECG1231	12 Pin DIP-QW
ECG1231A	16 Pin DIP
ECG1246	14 Pin DIP-ET
ECG1257	14 Pin DIP-ET
ECG1404	16 Pin DIP-ET
ECG1663	16 Pin DIP-ET

Sound IF/AF Preamp

ECG704	10 Pin Can
ECG706	14 Pin DIP
ECG710	14 Pin DIP-Q
ECG712	14 Pin DIP
ECG723	14 Pin DIP
ECG748A	14 Pin DIP
ECG1047	14 Pin DIP
ECG1051	14 Pin DIP
ECG1133	16 Pin DIP
ECG1162	14 Pin DIP
ECG1236	14 Pin DIP
ECG1308	14 Pin DIP

Sound IF/Detector

ECG708	14 Pin DIP
ECG1045	14 Pin DIP
ECG1188	10 Pin Can
ECG1234	7 Pin SIP
ECG1292	14 Pin DIP
ECG1418	14 Pin DIP
ECG1454	14 Pin DIP
ECG1521	9 Pin SIP
ECG1580	14 Pin DIP
ECG1616	14 Pin DIP
ECG1668	8 Pin SIP

Sound IF/Det/Limiter/AF Out

ECG1752	18 Pin DIP
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Sound IF/FM Det/Limiter/AF Driver

ECG1573	16 Pin DIP
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Sound IF/FM Det/Limiter/Tone/Vol/Preamp

ECG1633	20 Pin DIP
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Stereo Decoder

ECG1655	16 Pin DIP
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Vert Countdown

ECG793	14 Pin DIP
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Vert Deflection

ECG1567	9 Lead Formed SIP
ECG1674	9 Pin SIP-HS
ECG1676	7 Pin SIP
ECG1684	7 Pin SIP-HS

Vert Driver/Output

ECG1406	11 Pin SIP
ECG1485	11 Pin SIP

Vert Oscillator

ECG1312	14 Pin DIP
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Vert Oscillator/Driver

ECG1077	14 Pin DIP
ECG1079	14 Pin DIP

Vert Oscillator/Output

ECG794	16 Pin DIP
ECG1245	10 Pin SIP-HS
ECG1258	14 Pin DIP-ET
ECG1289	12 Pin DIP-QW

Vert Osc/Dr/Pincushion

Correction

ECG1229	14 Pin DIP
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Vert Output

ECG1420	10 Pin SIP-HS
ECG1426	12 Pin SIP
ECG1429	5 Pin TO-220

Video Amp/AGC/Chroma Takeoff

ECG1091	16 Pin DIP
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Video Amp/Blanker

ECG808	16 Pin DIP
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Video Amp/Blanker/Black

Control

ECG1569	7 Pin SIP
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Video Amp/Brightness Limiter

ECG1084	16 Pin DIP
ECG1164	16 Pin DIP

Video/Chroma Amp/Demod/Color/Osc/Auto Tint

ECG1650	28 Pin DIP
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Video/Chroma/Demod/Horiz/Vert/Osc Driver/HV Protect

ECG1547	42 Pin DIP
ECG1671	42 Pin DIP

Video/Sync/AGC

ECG731	16 Pin DIP
ECG779A	14 Pin DIP
ECG1064	16 Pin DIP
ECG1065	16 Pin DIP
ECG1066	16 Pin DIP
ECG1070	16 Pin DIP
ECG1168	16 Pin DIP

Video/Sync Amp

ECG1298	16 Pin DIP
ECG1401	16 Pin DIP

Video Sync Amp/AGC/Horiz/Osc/Phase Det

ECG701	16 Pin DIP
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VIF Amp

ECG1128	7 Pin SIP
ECG1405	22 Pin DIP
ECG1542	16 Pin DIP

VIF Amp/AGC

ECG749	14 Pin DIP
ECG1080	14 Pin DIP
ECG1173	16 Pin DIP
ECG1186	14 Pin DIP
ECG1213	14 Pin DIP
ECG1618	9 Pin SIP
ECG1620	9 Pin SIP

VIF Amp/Detector

ECG747	8 Pin DIP
ECG1109	14 Pin DIP
ECG1187	8 Pin DIP

VIF/Detector/AFT/SIF

ECG730	16 + 2 Pin DIP-ET
ECG841	16 Pin DIP

VIF/Detector/AGC/AFT

ECG1440	28 Pin DIP
ECG1469	24 Pin DIP

VIF/Det/AGC/AFT/Video Amp

ECG1725	16 Pin DIP
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VIF/Detector/Video Amp

ECG1430	22 Pin DIP
ECG1551	16 Pin DIP-ET

VIF/Detector/Video Amp/AGC

ECG875	28 Pin DIP
ECG878	28 Pin DIP
ECG984	16 Pin DIP
ECG1306	24 Pin DIP-ET
ECG1413	16 Pin DIP
ECG1522	14 Pin DIP-ET
ECG1545	16 Pin DIP
ECG1607	9 Pin SIP
ECG1610	9 Pin SIP
ECG1669	22 Pin DIP

VIF/SIF

ECG1134	16 Pin DIP
ECG1161	28 Pin DIP

VIF/SIF/AGC/AFT

ECG1076	14 Pin DIP
ECG1411	28 Pin DIP

VIF/SIF Amp/Det/AGC/AFT/Elec Att/AF Driver

ECG1570	24 Pin DIP
ECG1572	24 Pin DIP
ECG1653	30 Pin DIP
ECG1656	30 Pin DIP
ECG1728	30 Pin DIP

VIF/SIF/Detector/AGC

ECG1483	22 Pin DIP
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VIF/SIF/Detector/Video Amp/AFT

ECG843	16 Pin DIP
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VIF/Sync/AGC

ECG842	16 Pin DIP
ECG1492	16 Pin DIP

VIR Signal Processor

ECG1437	24 Pin DIP
ECG1556	16 Pin DIP
ECG1593	16 Pin DIP

● TV Tuners

Band Select

ECG865	16 Pin DIP
ECG867	18 Pin DIP
ECG1658	9 Pin SIP
ECG1708	9 Pin SIP

Bandswitch

ECG1615	9 Pin SIP
ECG1688	9 Pin SIP

Bandswitch Op Amp

ECG850	14 Pin DIP
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Channel Decoder

ECG840	16 Pin DIP
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Linear IC Selector Guide (cont'd)

● TV Tuners (cont'd)

Electronic Channel Selector

ECG1402	24 Pin DIP
ECG1409	24 Pin DIP
ECG1520	24 Pin DIP
ECG1564	16 Pin DIP
ECG1662	16 Pin DIP

Frequency Synthesizer

ECG866	16 Pin DIP
ECG1677	16 Pin DIP
ECG1746	28 Pin DIP

TV Remote Control Preamp

ECG1682	9 Pin SIP
ECG1763	14 Pin DIP
ECG1764	14 Pin DIP

TV Remote Control Receiver

ECG840	16 Pin DIP
ECG1738	28 Pin DIP
ECG1756	18 Pin DIP
ECG1757	18 Pin DIP
ECG1759	16 Pin DIP
ECG1761	16 Pin DIP
ECG1762	16 Pin DIP

TV Remote Control Receiver Amp

ECG1714M	8 Pin DIP
ECG1714S	8 Pin SIP

TV Remote Control Transmitter

ECG1574	16 Pin DIP
ECG1758	16 Pin DIP
ECG1760	16 Pin DIP

UHF/VHF Prescaler +256/+64

ECG851	14 Pin DIP
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Voltage Regulator for Electronic Tuner

ECG615A	DO-92
ECG1531	14 Pin DIP-ET

Television Voltage Regulators

ECG1546	TO-3 3 Pin
ECG1548	TO-3 3 Pin
ECG1553	TO-3 3 Pin
ECG1678	14 Pin DIP
ECG1719	TO-3 3 Pin
ECG1740	4 Pin SIP
ECG1741	4 Pin SIP
ECG1742	4 Pin SIP
ECG1743	4 Pin SIP

● Telephone

Pulse Dialer

ECG1691	18 Pin DIP
ECG1692	18 Pin DIP
ECG1693	16 Pin DIP
ECG1731	16 Pin DIP

Ringers

ECG1648	8 Pin DIP
ECG1649	8 Pin DIP

Tone Dialer

ECG1690	16 Pin DIP
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● Threshold Detector/Open Collector Output (NPN)

ECG1434	5 Pin SIP
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● Timing Circuits

Single

ECG833	8 Pin DIP
ECG955M	8 Pin DIP
ECG955MC	8 Pin DIP
ECG955S	8 Pin SIP
ECG955SM	8 Pin SOIC

Dual

ECG978	14 Pin DIP
ECG978C	14 Pin DIP
ECG978SM	14 Pin SOIC

Quad

ECG926	16 Pin DIP
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● VCRs

Automatic Phase/Freq Det/Color Osc and Mixer

ECG1592	24 Pin DIP-ET
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Capstan Phase Control System

ECG1591	28 Pin DIP
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Capstan Speed Control

ECG1686	16+2 Pin DIP-ET
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Carrier Osc/FM Demod

ECG1623	16 Pin DIP
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Chroma Processor

ECG1599	18 Pin DIP-ET
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Color Signal Processor

ECG1266	16 Pin DIP
ECG1269	28 Pin DIP
ECG1408	16 Pin DIP
ECG1702	18 Pin DIP
ECG1703	16 Pin DIP

Counter/Dual Gate Amp/Comparator Hold

ECG1582	24 Pin DIP-ET
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Cylinder Motor Drive Control

ECG1613	24 Pin DIP
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D/A Converter

ECG1679	14 Pin DIP
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Digital Clock/Timer

ECG1414	40 Pin DIP
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Drum/Capstan Servo Control

ECG1706	28 Pin DIP
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Drum/Capstan Servo Control/Sync/Delay/Counter

ECG1590	24 Pin DIP-ET
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Drum Servo Control for Speed/Phase

ECG1701	28 Pin DIP
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Drum Servo Control/Sync/Delay/Counter

ECG1588	24 Pin DIP-ET
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Dual Switching Power Supply

ECG1717	16 Pin ZIL
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Electronic Switch

ECG1603	6 Pin DIP
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End of Tape Sensor

ECG1705	3 Pin SIP
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FM Demod/AGC/Clipper/Pre-Emph

ECG1583	16+2 Pin DIP-ET
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Freq Demod/Noise Cancel/Video Chroma Amp

ECG1596	24 Pin DIP-ET
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Freq Divider/Speed Select

ECG1700	18 Pin DIP
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Head Amp/Filter/Mixer

ECG1263	16 Pin DIP
ECG1419	14 Pin DIP
ECG1558	18 Pin DIP

Head Amp/Limiter/D.O.C./Switching

ECG1598	24 Pin DIP-ET
ECG1689	18 Pin DIP

Line Noise Canceling Circuit

ECG1713	18 Pin DIP
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Loading Motor Drive/Bidirectional Motor Drive

ECG1628	9 Pin SIP-HS
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Modulator

ECG872	14 Pin DIP
ECG1555	16 Pin DIP
ECG1709	9 Pin SIP

Motor Drive/Braking

ECG1716	10 Pin SIP-HS
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Playback/Chroma/Burst Amp/Det/Killer

ECG1594	24 Pin DIP-ET
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Programmable Timer

ECG2207★	18 Pin DIP
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Recording Amp

ECG1711	9 Pin SIP
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Record/Playback Circuits

ECG1710	22 Pin DIP
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Recording Video Proc/FM Mod/AGC/Sync/Clamp

ECG1621	24 Pin DIP
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Reference Frequency Divider

ECG1421	9 Pin SIP
ECG1427	7 Pin SIP
ECG1568	16 Pin DIP
ECG1581	8 Pin DIP
ECG9200★	4 Pin SIP
ECG9400★	14 Pin DIP
ECG9401★	14 Pin DIP

Servo Amp/Drive

ECG1636	22 Pin DIP
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Servo Controls

ECG1268	28 Pin DIP
ECG1270	24 Pin DIP
ECG1300	8 Pin SIP
ECG1425	16 Pin DIP
ECG1428	28 Pin DIP
ECG1446	16 Pin DIP
ECG1554	12 Pin DIP-W

Sync/AFC/Rotary Circuit

ECG1314	18 Pin DIP
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Sync Separator/Divider/Trapezoid Gen

ECG1584	18 Pin DIP-ET
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Tape Sensing/Mute/End of Tape/Pause/Loading/Rotation

ECG1586	24 Pin DIP-ET
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Three Output Voltage Regulator

ECG1271	8 Pin SIP-HS
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Three Phase Capstan Motor Drive/PG/FG/Motor Lock

ECG1630	24 Pin DIP
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Three Phase Motor Speed Control Forward/Reverse

ECG1600	16+2 Pin DIP-ET
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Timing Circuits, Tuner Band Switches

ECG1609	7 Pin SIP
ECG1625	9 Pin SIP

Video Amp/Color Mixer

ECG1265	18 Pin DIP
ECG1267	16 Pin DIP

Video and FM Sound Mod/Carrier Osc

ECG1611	16 Pin DIP
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Video/Color Amp/FM Demod

ECG1622	28 Pin DIP-HS
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Video Processor for Recording

ECG1712	22 Pin DIP
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Video Signal Processor

ECG1264	16 Pin DIP
ECG1412	24 Pin DIP
ECG1422	28 Pin DIP-HS

Video Sw/Sync Sep/AGC/FM Mod

ECG1601	24 Pin DIP-ET
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Video/Sync Amp/AGC/FM Mod/Limiter

ECG1585	16+2 Pin DIP-ET
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★ Listed in Misc. Section Page 1-294

Linear IC Selector Guide (cont'd)

● VCRs (cont'd)

VIF Amp/Det/Video Amp/Audio Det/AGC

ECG1605 24 Pin DIP-ET

Voltage Regulators

ECG1733 15 Pin SIP-M

ECG1734 15 Pin SIP-M

ECG1735 15 Pin SIP-M

● Voltage Comparators

Split DC Power Supply

Hi Speed

ECG910 8 Pin Can

ECG910D 14 Pin DIP

Dual Hi Speed

ECG911 10 Pin Can

ECG911D 14 Pin DIP

Single or Split DC Pwr Supply

Hi Performance

ECG922 8 Pin Can

ECG922M 8 Pin DIP

ECG922SM 8 Pin SOIC

Dual Hi Speed

ECG919 10 Pin Can

ECG919D 14 Pin DIP

ECG1718 9 Pin SIP

Dual Lo Offset

ECG943 8 Pin Can

ECG943M 8 Pin DIP

ECG943SM 8 Pin SOIC

Quad Lo Offset

ECG834 14 Pin DIP

ECG834SM 14 Pin SOIC

● Voltage Controlled Oscillators

ECG994 8 Pin Can

ECG994M 8 Pin DIP

ECG1201 10 Pin SIP

ECG1202 10 Pin SIP

ECG1203 10 Pin SIP

ECG1204 10 Pin SIP

ECG1247 10 Pin SIP

ECG1262 10 Pin SIP

● Voltage Reference

ECG952 TO-92

● Voltage Regulators*

Positive Fixed VR

ECG977 TO-92

ECG988 TO-92

ECG981 TO-92

ECG988 TO-92
ECG988 TO-92
ECG1902 TO-92
ECG950 TO-92
ECG1251 8 Pin DIP-ET
ECG951 TO-92
ECG1906 TO-92
ECG1908 TO-92
ECG309K TO-3
ECG960 TO-220
ECG962 TO-220
ECG964 TO-220
ECG966 TO-220
ECG968 TO-220
ECG958 TO-220
ECG972 TO-220
ECG1914 TO-3
ECG1916 TO-3
ECG1920 TO-3
ECG1924 TO-3
ECG1934 TO-3PJ
ECG1936 TO-3PJ
ECG1938 TO-3PJ
ECG1940 TO-3PJ
ECG931 TO-3
ECG1912 TO-3
ECG1918 TO-3
ECG932 TO-3
ECG933 TO-3
ECG934 TO-3

Negative Fixed VR

ECG1917 TO-92
ECG1903 TO-92
ECG1905 TO-92
ECG1907 TO-92
ECG1909 TO-92
ECG961 TO-220
ECG963 TO-220
ECG965 TO-220
ECG967 TO-220
ECG969 TO-220
ECG959 TO-220
ECG971 TO-220
ECG1913 TO-3
ECG1915 TO-3
ECG1919 TO-3
ECG1923 TO-3
ECG1925 TO-3

Adjustable Negative VR

ECG1901 TO-92
ECG1927 TO-3 (4 Pin)
ECG954 TO-202 (4 Pin)
ECG957 TO-220
ECG1911 TO-3

Adjustable Positive VR

ECG758 4 Pin DIP-Q
ECG759 4 Pin DIP-Q
ECG765 6 Pin DIP-Q
ECG757 4 Pin DIP-Q
ECG1928 8 Pin Can
ECG1930 8 Pin DIP
ECG1900 TO-92
ECG953 TO-202 (4 Pin)
ECG1926 TO-3 (4 Pin)
ECG956 TO-220
ECG970 TO-3
ECG935 TO-3

Positive or Negative Adjustable VR

ECG923 10 Pin Can
ECG923D 14 Pin DIP

Positive or Negative Dual VR

ECG921 14 Pin DIP

Switching Regulator

ECG1681 15 Pin SIP-HS

Switching SCR Driver

ECG1751 7 Pin SIP

Three Regulated Voltage Outputs

ECG1271 8 Pin SIP-HS

TV Power Supply Control

ECG1479 9 Pin SIP

● Wireless Microphones

ECG1014 9 Pin ZIL
ECG1017 5 Pin ZIL

● Zero Voltage Switches

ECG776 8 Pin DIP
ECG914 14 Pin DIP
ECG936 16 Pin DIP
ECG939 16 Pin DIP

● Misc Circuits

Tone Decoder

ECG832 8 Pin DIP
ECG832SM 8 Pin SOIC

Battery Protection Circuit

ECG1136 14 Pin DIP

LED Flasher/Osc.

ECG876 8 Pin DIP

Precision Wave Form Generator

ECG864 14 Pin DIP

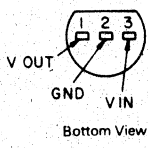
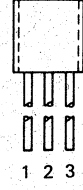
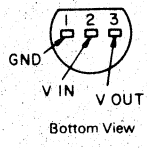
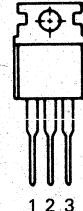
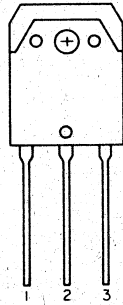
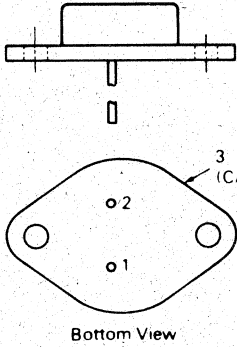
Quad Single Pole Analog Open Switch

ECG861 16 Pin DIP

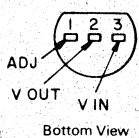
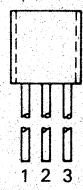
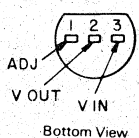
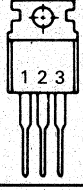
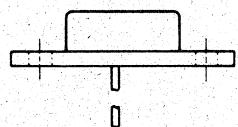
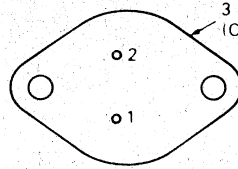
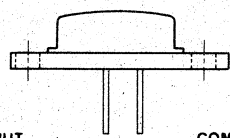
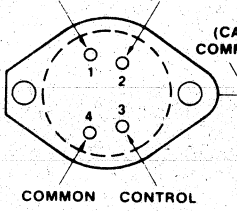

* Listed by order of current and voltage.
Regulator Ratings on Page 1-152

Voltage Regulator Selector Guide

Fixed Regulators

Output Voltage V _{OUT} (DC) ±5%	ECG Type		I _O A (DC)	Input Voltage V _{IN} (DC)		P _D Watts	Case Style
	Pos	Neg		Max	Min		
5	977	1917	0.1	30	7	0.7	TO-92 <div> <div> Positive  </div> <div>  </div> <div> Negative  </div> </div>
6.2	988	--	0.1	35	8.2	0.7	
8	981	--	0.1	30	10	1.0	
9	1902	--	0.1	30	11	0.7	
12	950	1903	0.1	35	14	0.7	
15	951	1905	0.1	35	17	0.7	
18	1906	1907	0.1	35	20	0.7	
24	1908	1909	0.1	40	26	0.7	
5	960	961	1.0	35	7	15	TO-220 <div> <div> Positive Tab Common to Pin 2 1. Input 2. Ground 3. Output </div> <div>  </div> <div> Negative 1. Ground 2. Input 3. Output Tab Common to Pin 2 </div> </div>
6	962	963	1.0	35	8	15	
8	964	965	1.0	35	10	15	
10	1932	--	1.0	35	12	20	
12	966	967	1.0	35	14	15	
15	968	969	1.0	35	17	15	
18	958	959	1.0	35	20	15	
24	972	971	1.0	40	26	15	
5	1934	--	2	30	8	50	TO-3PJ 
12	1936	--	2	35	15	50	
15	1938	--	2	40	18	50	
24	1940	--	2	40	27	50	
5	309K	1913	1.5	35	7.5	20	TO-3 <div> <div> Positive 1. Input 2. Output 3. GND </div> <div>  </div> <div> Negative 1. GND 2. Output 3. Input </div> </div>
5	931	--	3	20	7.5	30	
5	932	--	5	25	8.5	50	
12	1914	1915	1.5	35	14.1	15	
12	1912	--	3	35	14.5	30	
12	933	--	5	30	14.6	50	
13.8	934	--	5	35	16.4	50	
15	1916	1919	1.5	40	17.4	20	
15	1918	--	3.0	35	17.5	30	
18	1920	1923	1.5	35	20.5	20/15	
24	1924	1925	1.5	40	26.4	20/15	

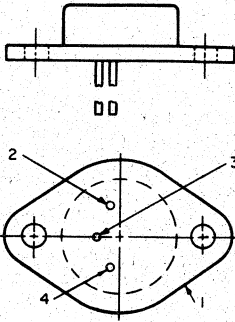
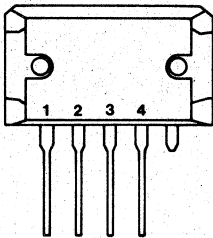
Adjustable Regulators

Output Voltage V _{OUT} (DC) ±5%	ECG Type		I _O A (DC)	Input Voltage V _{IN} (DC)		P _D Watts	Case Style
	Pos	Neg		Max	Min		
1.2–37	1900	1901	0.1	40	2.45	0.625	TO-92 <div> <div> Positive  <p>Bottom View</p> </div> <div>  </div> <div> Negative  <p>Bottom View</p> </div> </div>
1.2–37	956	957	1.5	40	3.7	15.0	TO-220 <div> <div> Positive Tab Common to V_{OUT} 1. ADJ 2. V_{OUT} 3. V_{IN} </div> <div>  </div> <div> Negative Tab Common to V_{IN} 1. ADJ 2. V_{IN} 3. V_{OUT} </div> </div>
1.2–37	--	1911	1.5	40	2.45	20	TO-3  <div> <div> Positive 1. ADJ 2. Input 3. Output </div> <div>  <p>Bottom View</p> </div> <div> Negative 1. ADJ 2. Output 3. Input </div> </div>
1.2–33	970	--	3.0	35	3.7	30	
1.2–32	935	--	5.0	35	2.45	50	
5–30	1926	--	1.0	40	7.5	15	TO-3 4-Pin  <div> <div> Positive INPUT OUTPUT 1. ADJ 2. (CASE) COMMON 3. COMMON 4. CONTROL BOTTOM VIEW </div> <div>  <p>BOTTOM VIEW</p> </div> <div> Negative COMMON CONTROL 1. ADJ 2. (CASE) INPUT 3. INPUT 4. OUTPUT BOTTOM VIEW </div> </div>
2.2–30	--	1927	1.0	40	4.7	15	
5–30	953	--	1.0	40	7.5	15	TO-202 4-Pin <div> <div> Positive Tab Common to Pin 1 1. Common 2. Input 3. Output 4. Control </div> <div>  </div> <div> Negative Tab Common to Pin 4 1. Common 2. Control 3. Output 4. Input </div> </div>
2.2–30	--	954	1.0	40	7.0	15	

Adjustable Regulators — Precision Types

Output Voltage V_{OUT} (DC) $\pm 5\%$	ECG Type		I_O A (DC)	Input Voltage V_{IN} (DC)		P_D Watts	Case Style
	Pos	Neg		Max	Min		
2—37	923	--	0.15	40	9.5	0.8	<div> <div> 10-Pin Can TOP VIEW pin 5 is connected to case </div> <div> 14-Pin DIP TOP VIEW </div> </div>
2—37	923D	--	0.15	40	9.5	0.9	
4.5—30	1928	--	0.012	40	8.5	0.8	<div> <div> 8-Pin Can TOP VIEW NOTE: PIN 4 CONNECTED TO CASE </div> <div> 8-Pin DIP TOP VIEW </div> </div>
5—37	1930	--	0.025	40	9.0	0.4	
Dual Tracking Voltage Regulator							<div> 14-Pin DIP </div>
± 15	ECG921		0.1	± 30	± 18	1	

TV Fixed Voltage Regulators

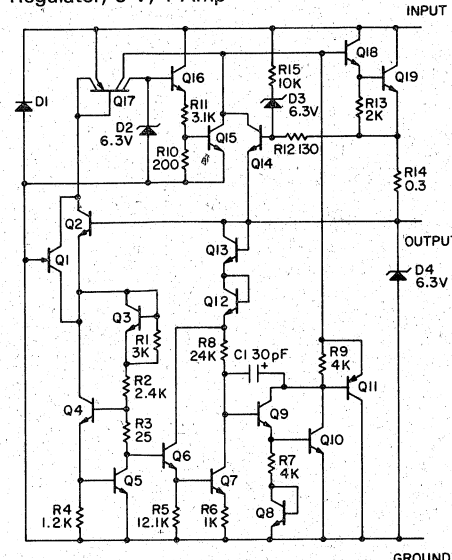
Output Voltage V _{OUT} (DC) ±1 V	ECG Type		Max I _O A (DC)	Input Voltage V _{IN} (DC)		P _D Watts T _C = 100°C	Case Style
	Pos	Neg		Max	Min		
120	1719	--	1	200	122	25	TO-3  <p>1. Input/Case 2. Output 3. Common 4. Base</p>
123	1548	--	1	200	125	25	
127	1553	--	1	200	129	25	
130	1546	--	1	200	132	25	
115	1740	--	1	200	117	40	4-Pin SIP  <p>1. Input 2. Base 3. Common 4. Output</p>
125	1741	--	1	200	127	40	
130	1742	--	1	200	132	40	
135	1743	--	1	200	137	40	

Linear IC and Module Circuits

ECG309K

TO-3 See Fig. L11

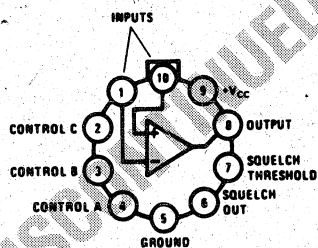
Regulator, 5 V, 1 Amp



ECG370A

10-Pin Can See Fig. L7

Squelch, AGC, AFC

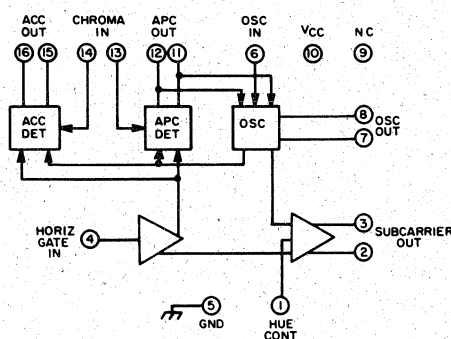


Top View

ECG700

16-Pin DIP See Fig. L112

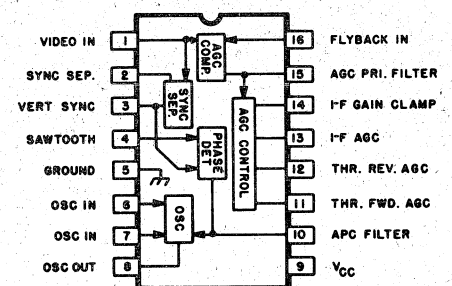
TV Chroma Subcarrier Regeneration



ECG701

16-Pin DIP See Fig. L112

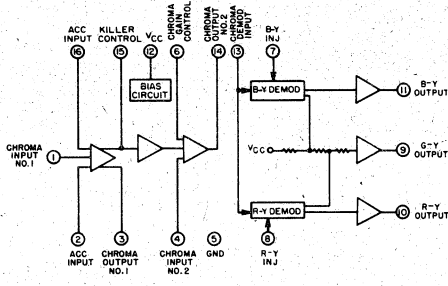
TV Video Signal Processor



ECG702

16-Pin DIP See Fig. L112

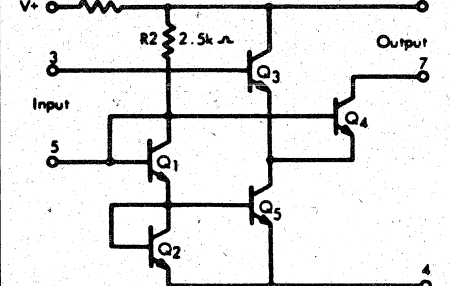
TV Chroma Processor



ECG703

6-Pin Plastic See Fig. L1A

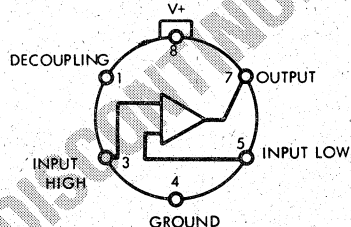
RF/IF Amp, Osc, Mixer



ECG703A

8-Pin Can See Fig. L1

RF/IF Amplifier, Replacement for μ A703, μ A703A, ECG703, etc.

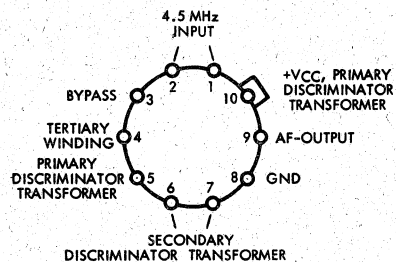


NOTE: PIN 4 CONNECTED TO CASE

ECG704

10-Pin Can See Fig. L5

TV Sound and IF Amplifier and Detector

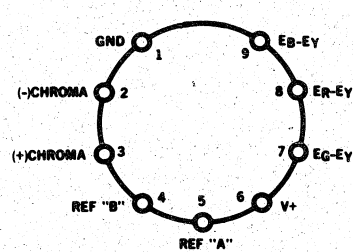


Top View

ECG705A

9-Pin Can See Fig. L4

Chroma Demodulator

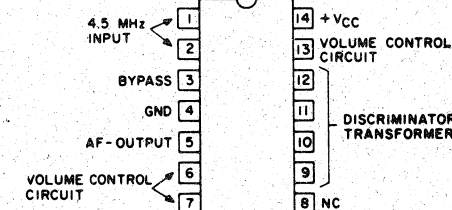


Top View

ECG706

14-Pin DIP Fig. L104

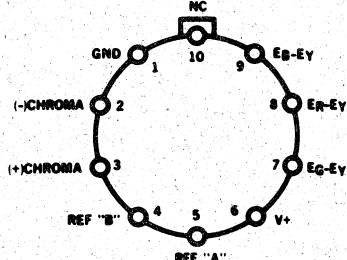
TV/FM IF Amp/Limiter/Detector/Audio Driver for Tube-Type Audio Power Amplifiers



ECG707

10-Pin Can See Fig. L7

Chroma Demodulator

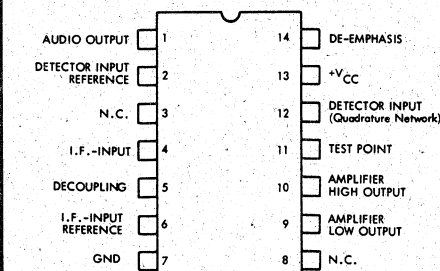


Top View

ECG708

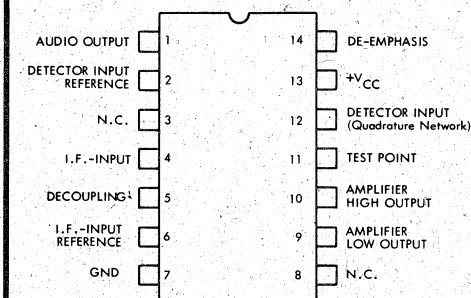
14-Pin DIP See Fig. L104

FM & TV Sound IF Amp/Detector/Limiter

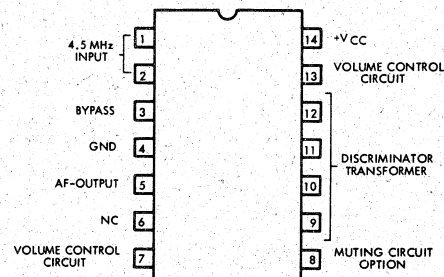


Linear IC and Module Circuits (cont'd)

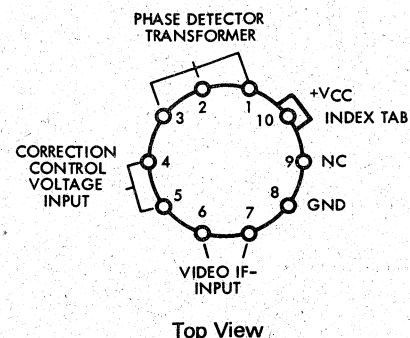
ECG709 14-Pin DIP See Fig. L104
FM & TV Sound IF Amp/Detector/Limiter
for Portable & Vehicular Equipment



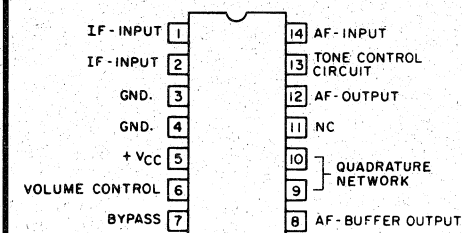
ECG710 14-Pin DIP-Q See Fig. L107
(14-Pin DIP See Alternate Fig. L104)
TV/FM IF Amp/Limiter/Detector/Audio
Driver for Transistor-Type Power Amplifiers



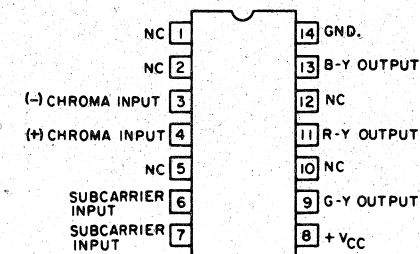
ECG711 10-Pin Can See Fig. L5
Color TV-AFT System



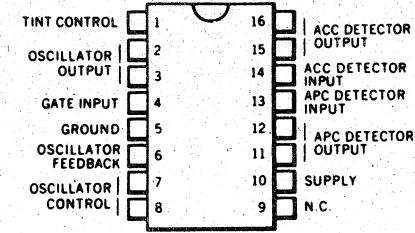
ECG712 14-Pin DIP See Fig. L104
(14-Pin DIP-Q See Alternate Fig. L107)
FM & TV Sound IF Detector & Electronic
Attenuator



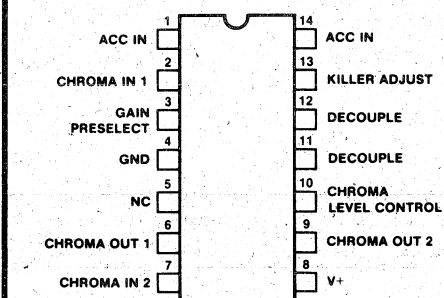
ECG713 14-Pin DIP See Fig. L104
Chroma Demodulator



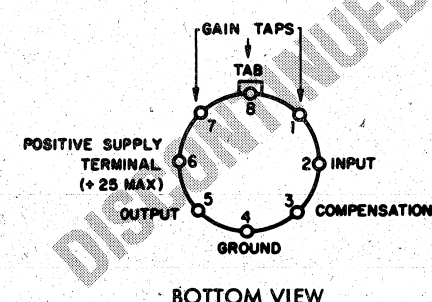
ECG714 16-Pin DIP See Fig. L111
Color Subcarrier Regenerator



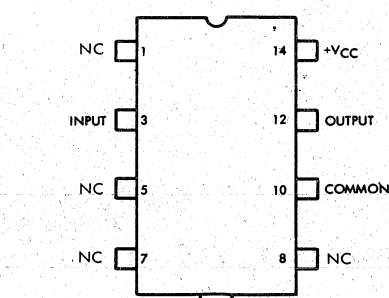
ECG715 14-Pin DIP See Fig. L104
Chroma IF Amplifier



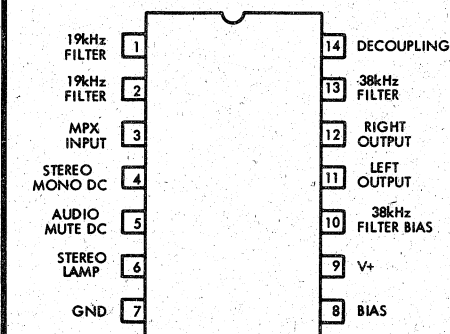
ECG716 8-Pin Can See Fig. L3
Audio Amplifier. Replacement for μ A716
Series



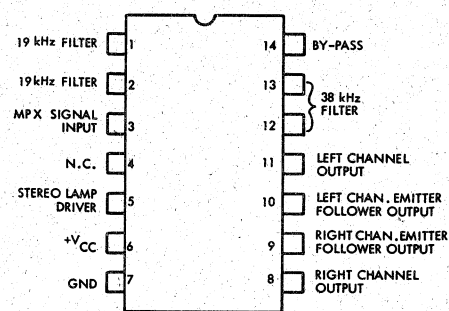
ECG717 14-Pin DIP-EP See Fig. L139
Audio Power Amplifier. Replacement for
PA234



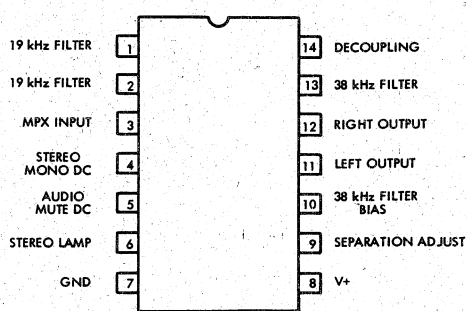
ECG718 14-Pin DIP See Fig. L104
FM-Stereo Multiplex Demodulator



ECG719 14-Pin DIP See Fig. L104
FM-Stereo Multiplex Demodulator. Emitter
Follower Outputs

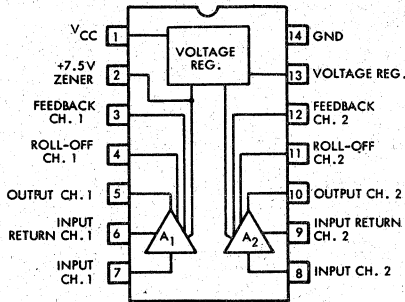


ECG720 14-Pin DIP See Fig. L104
FM-Stereo Multiplex Demodulator with
Adjustable Stereo Channel Separation

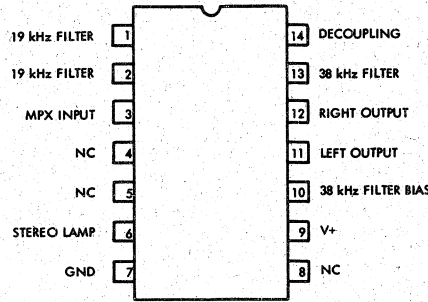


Linear IC and Module Circuits (cont'd)

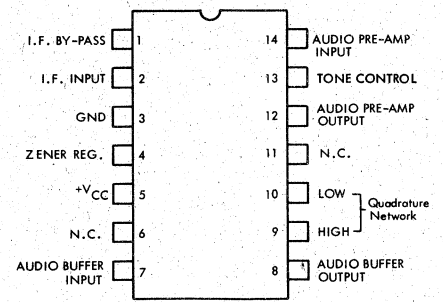
ECG721 14-Pin DIP See Fig. L104
Dual Low-Noise, Low-Level Preamplifier



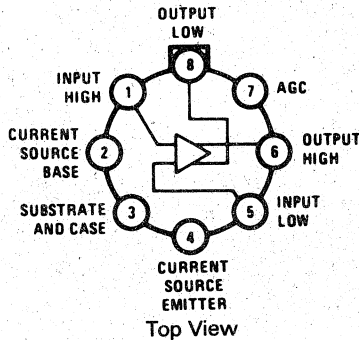
ECG722 14-Pin DIP See Fig. L104
FM-Stereo Multiplex Demodulator



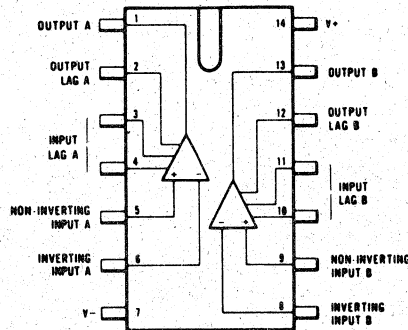
ECG723 14-Pin DIP See Fig. L104
FM Sound System for Communications & High-Fidelity FM Receivers



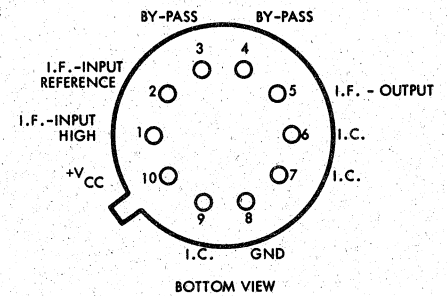
ECG724 8-Pin Can See Fig. L3
Differential/Cascade Amplifier for Communications & Industrial Equipment. From DC to 120 MHz



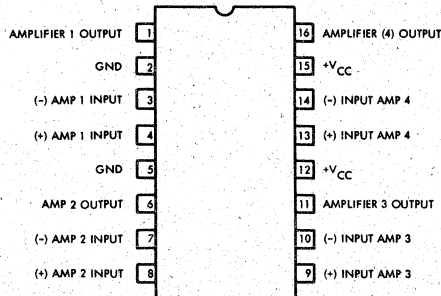
ECG725 14-Pin DIP See Fig. L104
Dual Low-Noise Operational Amplifier



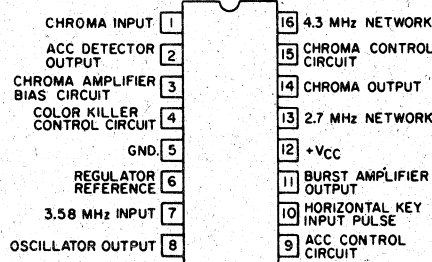
ECG726 10-Pin Can See Fig. L7
Wide-Band Amplifier Replacement for CA3011 and CA3012



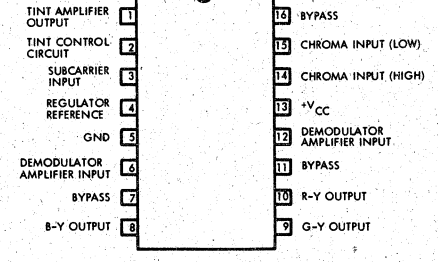
ECG727 16-Pin DIP See Fig. L111
Four Independent AC Amplifiers for Low-Noise AC Applications in Consumer and Industrial Service



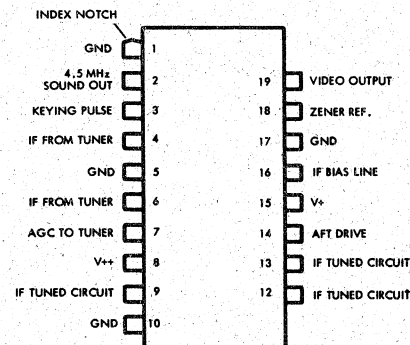
ECG728 16-Pin DIP-Q See Fig. L113
Chroma Signal Processor



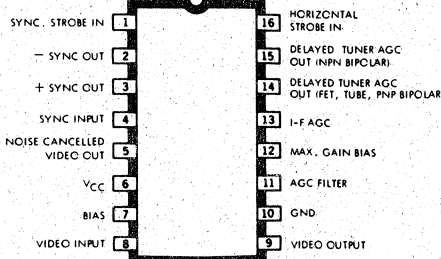
ECG729 16-Pin DIP-Q See Fig. L113
Chroma Demodulator



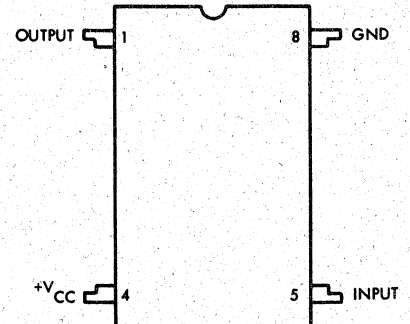
ECG730 16+2-Pin DIP-Q See Fig. L117
TV Video IF System



ECG731 16-Pin DIP See Fig. L111
Video Signal Processor. Replacement for Zenith 221-45

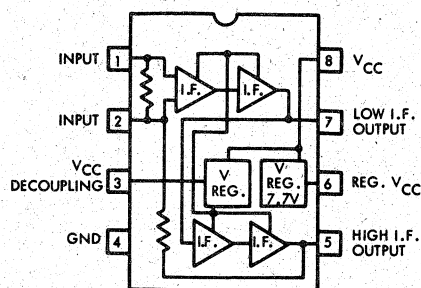


ECG735 4-Pin DIP See Fig. L96
Class "A" Audio Driver

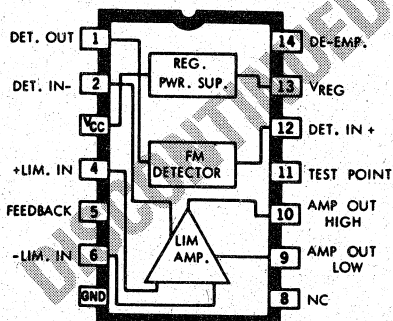


Linear IC and Module Circuits (cont'd)

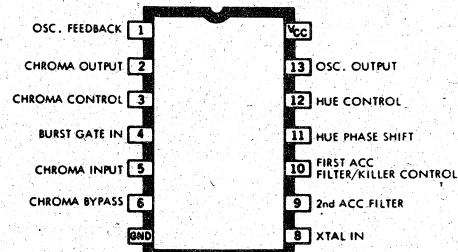
ECG736 8-Pin DIP See Fig. L97
FM Gain Block with Voltage Regulator



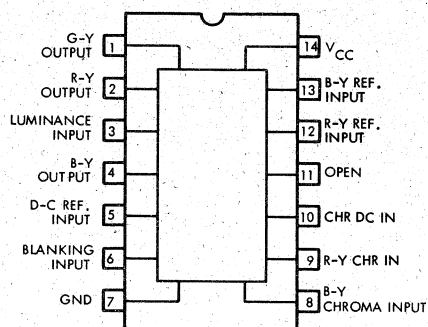
ECG737 14-Pin DIP See Fig. L104
FM Limiter/Detector with Voltage Regulator



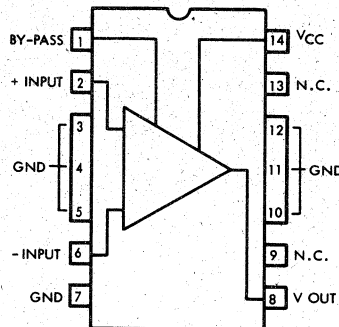
ECG738 14-Pin DIP See Fig. L104
Chroma IF Amp, Automatic Chroma Control, Color Killer, Injection Lock Reference System, and DC Hue Control



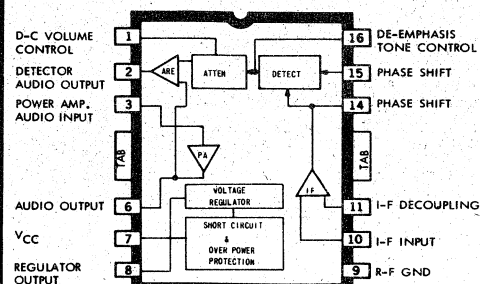
ECG739 14-Pin DIP See Fig. L104
Chroma Demodulator with RGB Matrix and Chroma Driver Stages



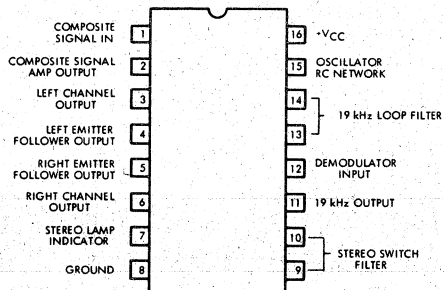
ECG740A 14-Pin DIP-W See Fig. L106
(14-Pin DIP-W See Alternate Fig. L132)
AF PO, 2 W



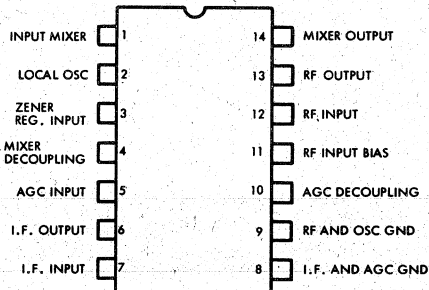
ECG742 16-Pin DIP-W See Fig. L136
TV Sound System, 2 W PO



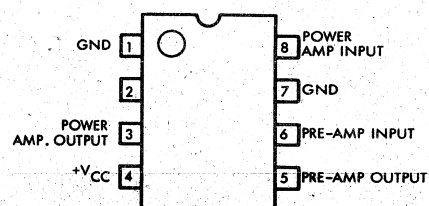
ECG743 16-Pin DIP See Fig. L111
FM Stereo Decoder - Phase-Locked Loop



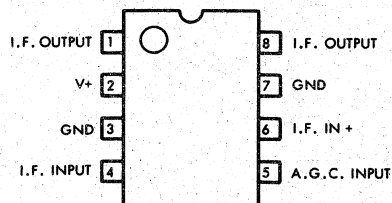
ECG744 14-Pin DIP See Fig. L104
RF IF Amplifier for AM Radio



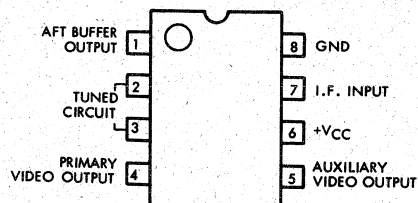
ECG745 8-Pin DIP See Fig. L98
1/2-Watt Audio Amplifier



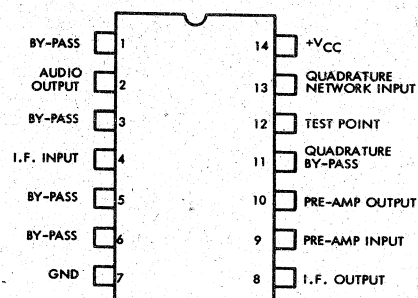
ECG746 8-Pin DIP See Fig. L98
FM TV Sound IF Amplifier



ECG747 8-Pin DIP See Fig. L98
Low-Level Video Detector



ECG748A 14-Pin DIP See Fig. L104
TV Sound IF Amp/Limiter/Detector, Audio Preamp



Linear IC and Module Circuits (cont'd)

<p>ECG749 14-Pin DIP See Fig. L104 TV Video IF Amplifier with Keyed AGC</p>	<p>ECG750 14-Pin DIP See Fig. L104 Four-Stage, High-Gain FM/IF Amplifier/Limiter</p>	<p>ECG752 4-Pin DIP-Q See Fig. L94 1/4-Watt Audio Output - for Battery-Operated Portable Equipment. Replacement for MFC4000B</p>
<p>ECG753 4-Pin DIP-Q See Fig. L94 Wide-Band Amplifier. Replacement for MFC4010A</p>	<p>ECG755 4-Pin DIP-Q See Fig. L94 Class "A" Audio Driver. Replacement for MFC4050</p>	<p>ECG757* 4-Pin DIP-Q See Fig. L94 Voltage Regulator 9-35 Volts, 200 mA - I LOAD (max) Load Regulation 1 mA - 50 mA - 0.4% Line Regulation 0.06% Replacement for MFC4062, MFC4062A</p>
<p>ECG758* 4-Pin DIP-Q See Fig. L94 Voltage Regulator 9-20 Volts, 200 mA - I LOAD (max) Load Regulation 1 mA - 50 mA - 0.2% Line Regulation 0.03% Replacement for MFC4063, MFC4063A</p>	<p>ECG759* 4-Pin DIP-Q See Fig. L94 Voltage Regulator 9-20 Volts, 200 mA - I LOAD (max) Load Regulation 1 mA - 50 mA - 0.4% Line Regulation 0.06% Replacement for MFC4064, MFC4064A</p>	<p>ECG760 6-Pin DIP-Q See Fig. L95 FM IF Amplifier. Replacement for MFC6010</p>
<p>ECG761 6-Pin DIP-Q See Fig. L95 Dual Toggle Flip-Flop. Replacement for MFC6020</p>	<p>ECG763 6-Pin DIP-Q See Fig. L95 Voltage Regulator 9-35 Volts, 200 mA - I LOAD (max). Permits External Compensation and Current Limiting Load Regulation 1 mA - 50 mA - 0.4% Line Regulation 0.06% Replacement for MFC6032, MFC6032A</p>	<p>ECG764 6-Pin DIP-Q See Fig. L95 Voltage Regulator 9-20 Volts, 200 mA - I LOAD (max). Permits External Compensation and Current Limiting Load Regulation 1 mA - 50 mA - 0.2% Line Regulation 0.03% Replacement for MFC6033, MFC6033A</p> <p>Use ECG765</p>

* 3-Volt Differential Between V_{IN} and V_{OUT}

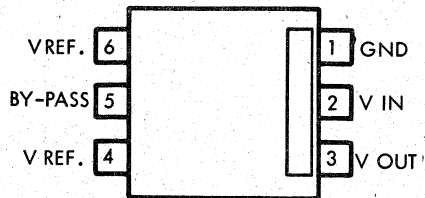
Package Outlines - See Page 1-297

Linear IC and Module Circuits (cont'd)

ECG765

6-Pin DIP-Q See Fig. L95

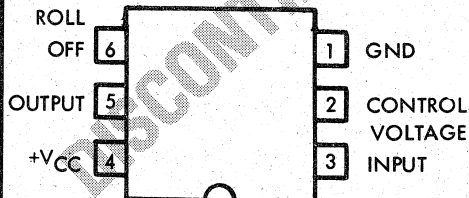
Voltage Regulator 9-20 Volts,
200 mA - I LOAD (max). Permits External
Compensation and Current Limiting
Load Regulation 1 mA - 50 mA - 0.4%
Line Regulation 0.06%
Replacement for MFC6034, MFC6034A



ECG766A

Fig. L100
(8-Pin DIP See Alternate Fig. L97)

Electronic Attenuator - DC-Operated Volume
Control, Compression and Expansion
Amplifier. Controlled by DC Voltage or
External Variable Resistor. Replacement for
MFC6040

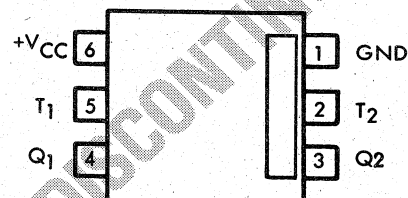


Use ECG829

ECG767

6-Pin DIP-Q see Fig. L95

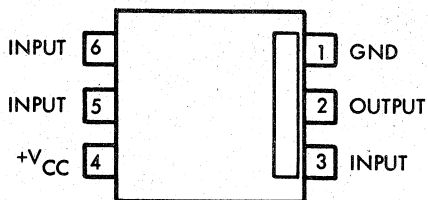
Dual Toggle Flip-Flop with Reset. Compatible
with TTL and DTL. Reset (R) Available to
Set Output to "0" Regardless of Previous
History. Replacement for MFC6050



ECG768

6-Pin DIP-Q See Fig. L95

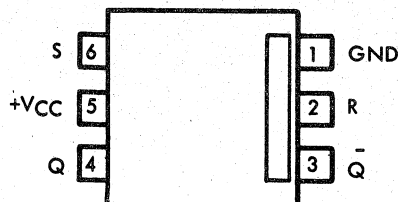
3-Input AND Gate. Compatible with TTL and
DTL. Replacement for MFC6060



ECG770

6-Pin DIP-Q See Fig. L95

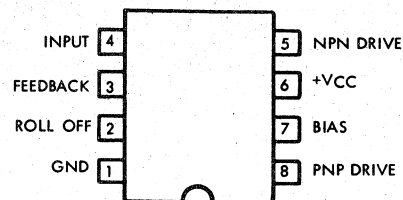
RS Flip-Flop. Compatible with TTL and DTL.
High-Current Buffered Outputs Allow Direct
Drive of Medium Current Lamps and Relays.
Replacement for MFC6080



ECG772A

8-Pin DIP-Q See Fig. L101
(8-Pin DIP See Alternate Fig. L97)

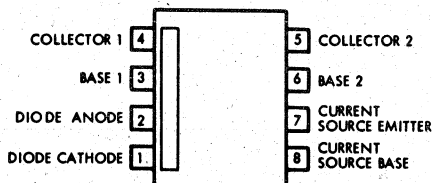
Audio Pre-Amp and Class "B" Driver. For
Complementary Output Transistors. Drives
Up to 15-Watt Output into 4-Ohm Load
Stages. Replacement for MFC8020



ECG773

8-Pin DIP-Q See Fig. L99

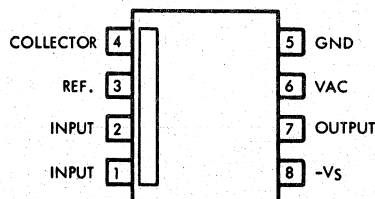
Differential/Cascade Amplifier. Diode
Available for Biasing. Replacement for
MFC8030



ECG776

8-Pin DIP-Q See Fig. L99

Zero Voltage Switch for Use in AC Power
Switching Applications with Output Drive
Capable of Triggering TRIAC. Replacement
for MFC8070



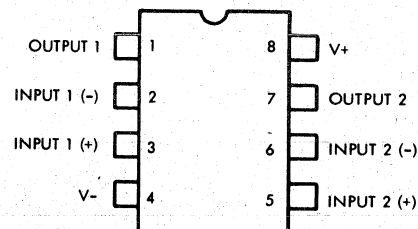
ECG778A

8-Pin DIP See Fig. L98

ECG778SM

8-Pin SOIC See Fig. L159

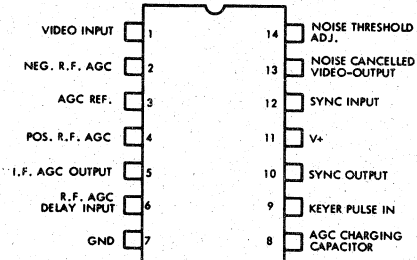
Dual, Internally Compensated, High-
Performance Operational Amplifier



ECG779A

14-Pin DIP See Fig. L104

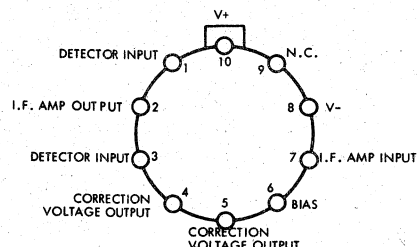
TV Signal Processor, Sync Separator, Noise
Inverter, AGC Comparator, RF AGC Delay
Amplifier. For Color or Monochrome TV
Receivers



ECG780

10-Pin Can See Fig. L5

Wide-Band Amplifier, Differential Detector,
DC Amplifier, and Zener Diode Regulator
for Automatic Frequency Control Applica-
tions. High-Gain IF Amplifier Allows Use
with TV Receivers with Low-Level IF Amps

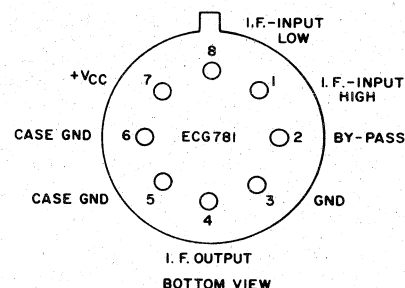


Top View

ECG781

8-Pin Can See Fig. L3

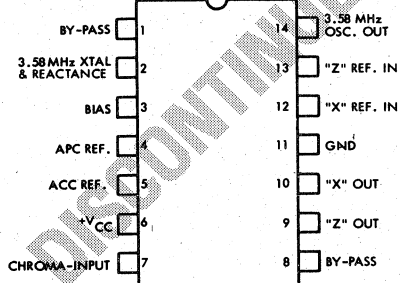
High-Gain, Wide Band IF Amplifier/Limiter
for Use in High-Quality FM and Communi-
cations Receivers



Linear IC and Module Circuits (cont'd)

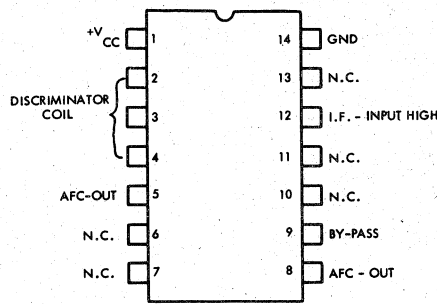
ECG782 14-Pin DIP See Fig. L104

Chroma Demodulator. Replacement for Philco 46-5002-5 and 46-5002-21



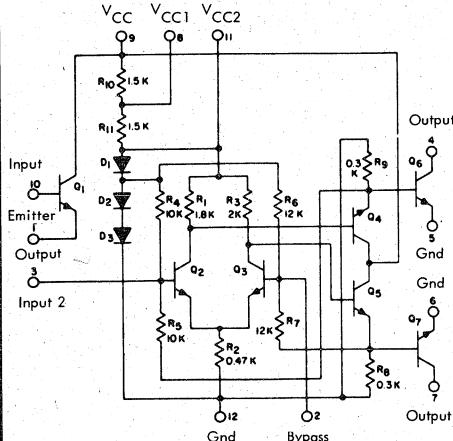
ECG783 14-Pin DIP See Fig. L104

TV Automatic Frequency Control



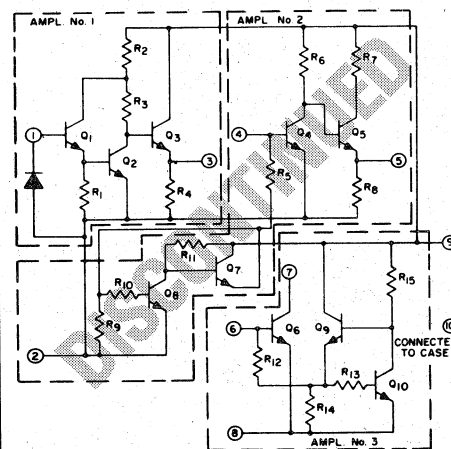
ECG784 12-Pin Can See Fig. L9

Multi-Purpose, Wide-Band Power Amplifiers for Industrial and Commercial Equipment



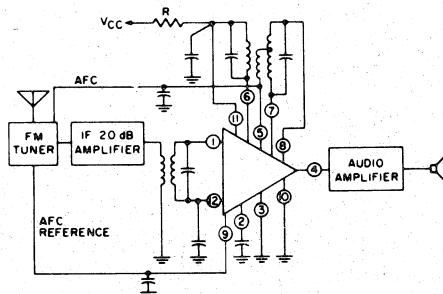
ECG785 10-Pin Can See Fig. L7

Ultra High-Gain, Wide-Band Amplifier Array. Three Individual General-Purpose Amplifiers



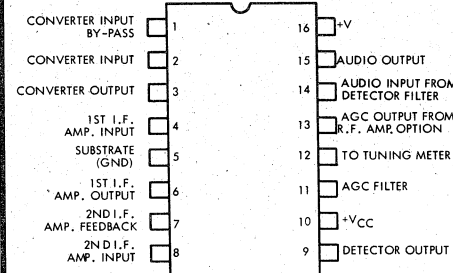
ECG786 12-Pin Can See Fig. L10

FM IF Amp/Limiter/Detector, AF Preamp and Driver. For Communications Receivers and High-Fidelity FM Receivers



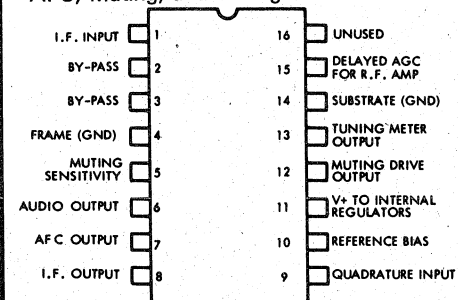
ECG787 16-Pin DIP See Fig. L111

AM Receiver Subsystem and General-Purpose Amplifier Array



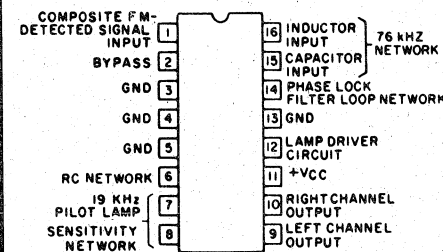
ECG788 16-Pin DIP See Fig. L111

FM IF System. IF Amplifier, Quadrature Detector, AF Preamp, Circuits for AGC, AFC, Muting, and Tuning Meter



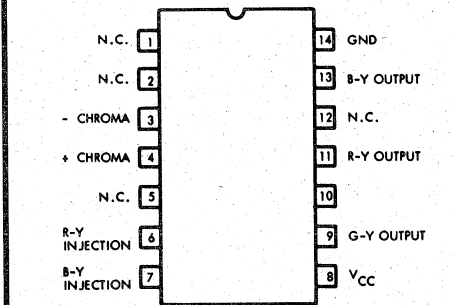
ECG789 16-Pin DIP-Q See Fig. L113

FM-Stereo Decoder



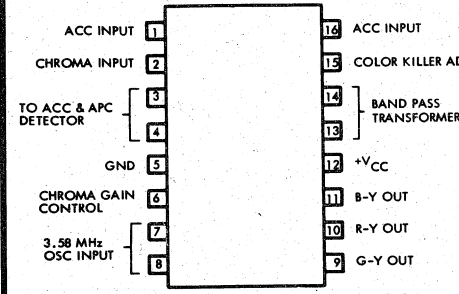
ECG790 14-Pin DIP See Fig. L104

Dual Chroma Demod



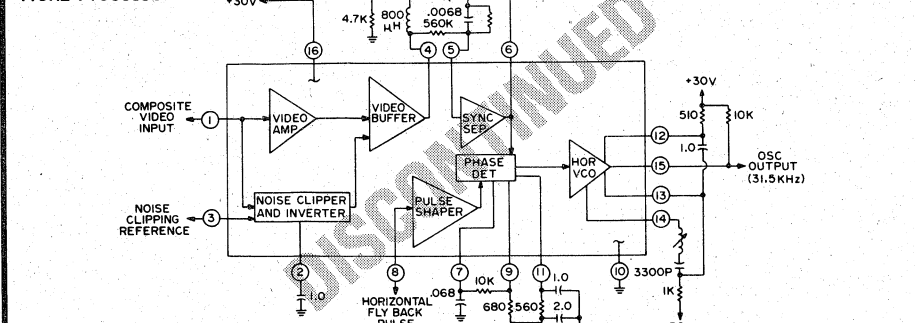
ECG791 16-Pin DIP See Fig. L111

Chroma Amp, Demod



ECG792

Horiz Processor

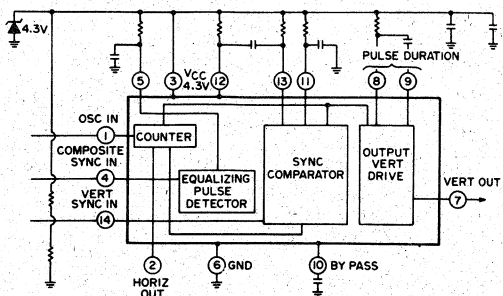


Linear IC and Module Circuits (cont'd)

ECG793

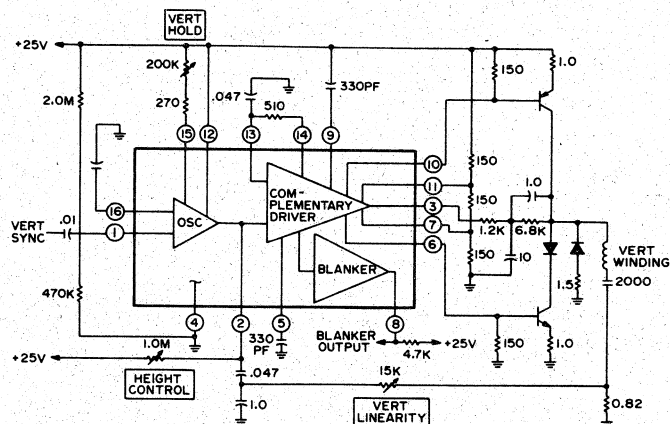
Vert Countdown

14-Pin DIP See Fig. L104

**ECG794**

Vert Driver

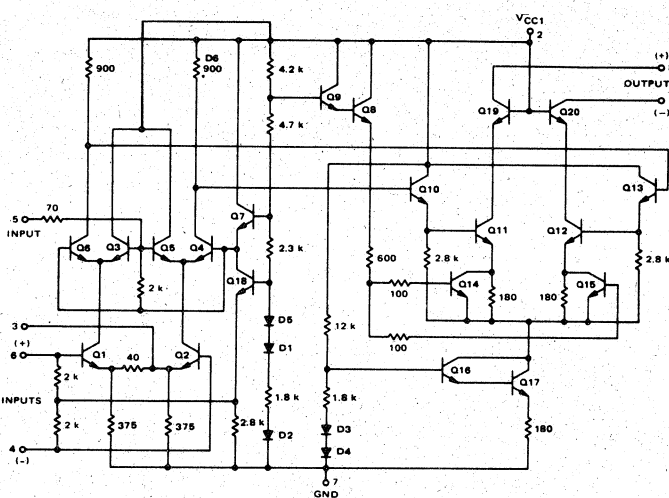
16-Pin DIP See Fig. L112



ECG795

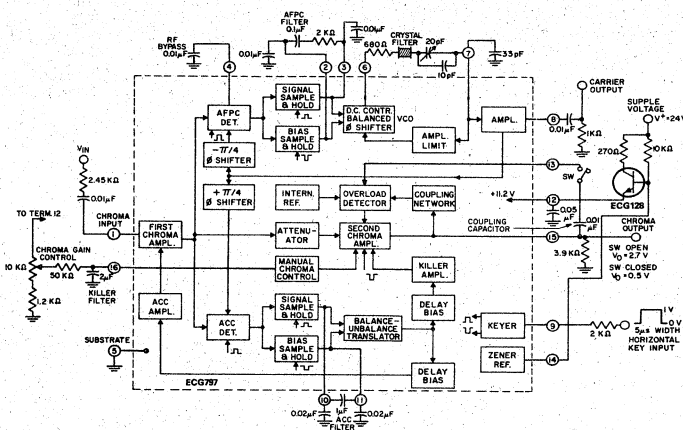
AGC Control and IF Amp

8-Pin DIP See Fig. L97

**ECG797**

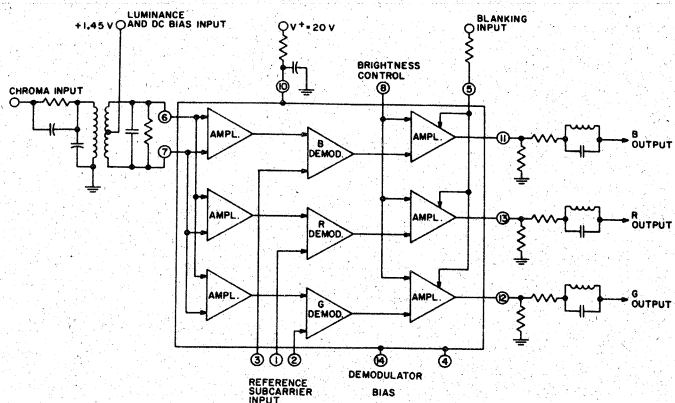
Chroma Processor

16-Pin DIP-Q See Fig. L113

**ECG798**

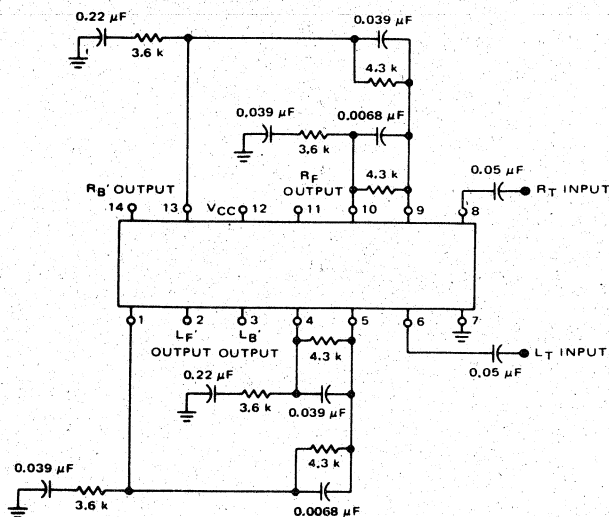
Chroma Demod

14-Pin DIP See Fig. L104

**ECG799**

4-Channel "SQ" Stereo Decoder

14-Pin DIP See Fig. L104



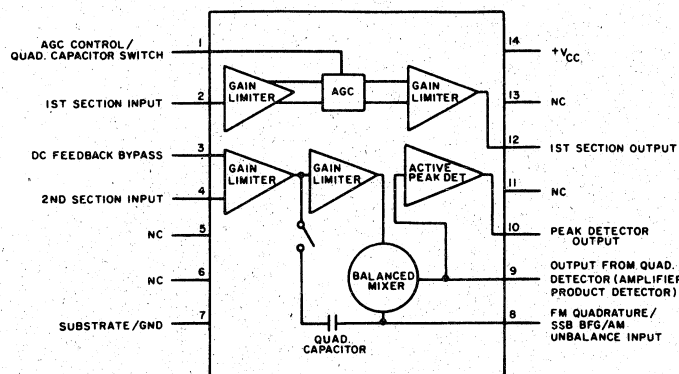
N

Linear IC and Module Circuits (cont'd)

ECG800

14-Pin DIP See Fig. L104

FM/AM/SSB IF Amp, Det

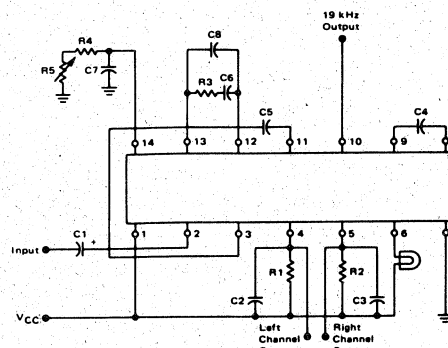


TOP VIEW

ECG801

14-Pin DIP See Fig. L104

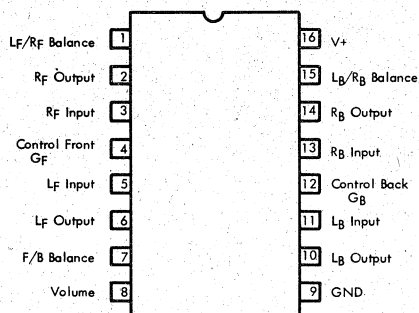
FM Stereo Demod, Phase Locked Loop



ECG802

16-Pin DIP See Fig. L112

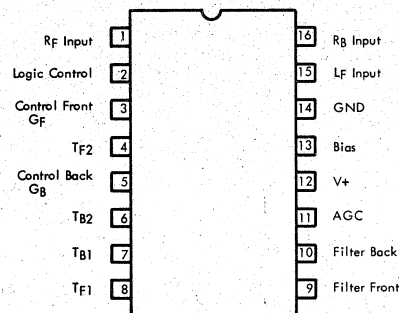
4-Channel Voltage Controlled Attenuator



ECG803

16-Pin DIP See Fig. L112

4-Channel "SQ"-Stereo DC Logic - F/B Enhancement

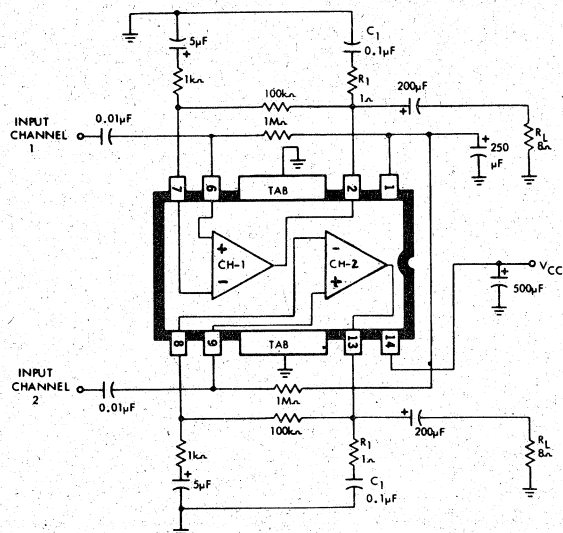


ECG804

14-Pin DIP-W See Fig. L106

Dual 2-Watt Audio Amp

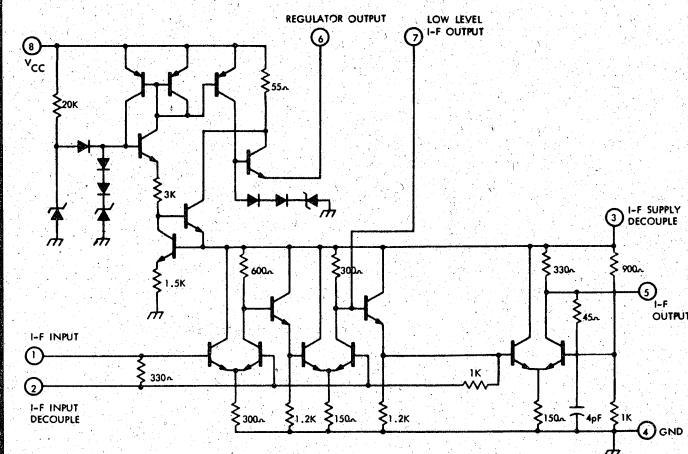
(14-Pin DIP-W See Alternate Fig. L132)
(14-Pin DIP See Alternate Fig. L104)



ECG805

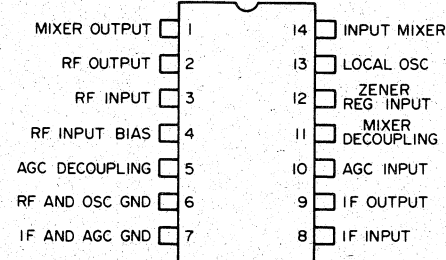
8-Pin DIP See Fig. L97

FM IF Gain Block

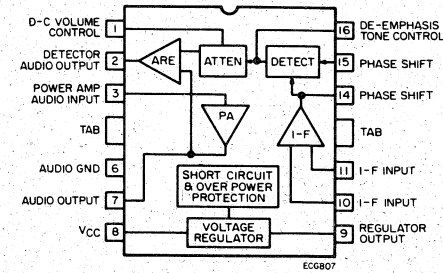


Linear IC and Module Circuits (cont'd)

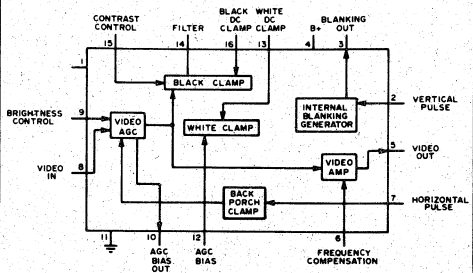
ECG806 14-Pin DIP See Fig. L104
AM Radio RF/IF Amp



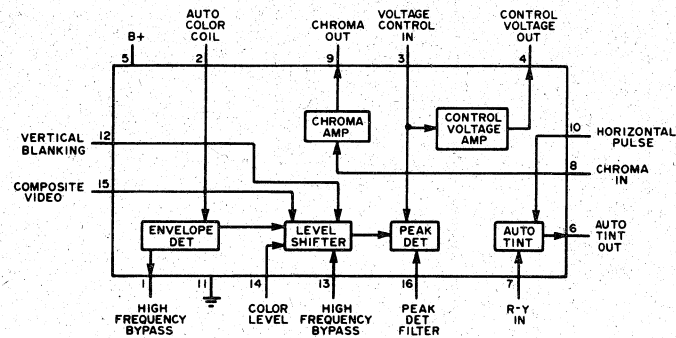
ECG807 16-Pin DIP-W See Fig. L136
TV/FM Sound System, 1 W, PO



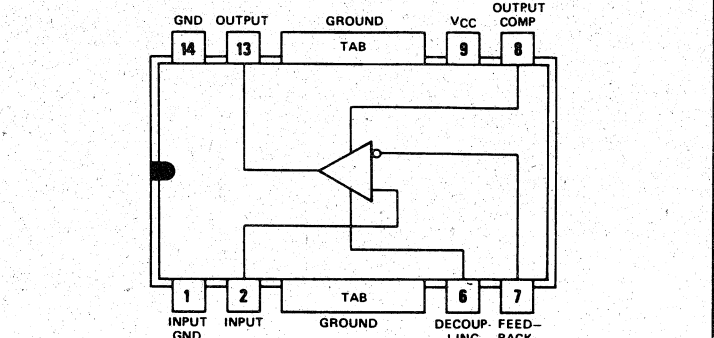
ECG808 16-Pin DIP See Fig. L111
TV Video Signal Processor



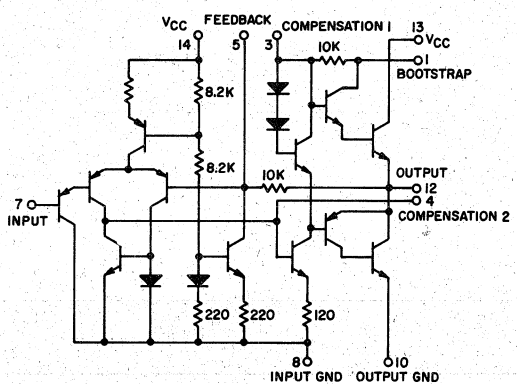
ECG809 16-Pin DIP See Fig. L111
TV Chroma Processor



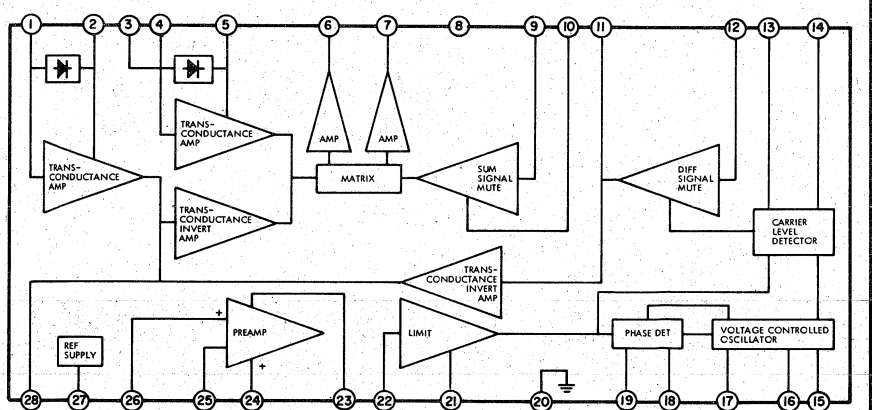
ECG810A 14-Pin DIP-W See Fig. L106
2 W Audio PO



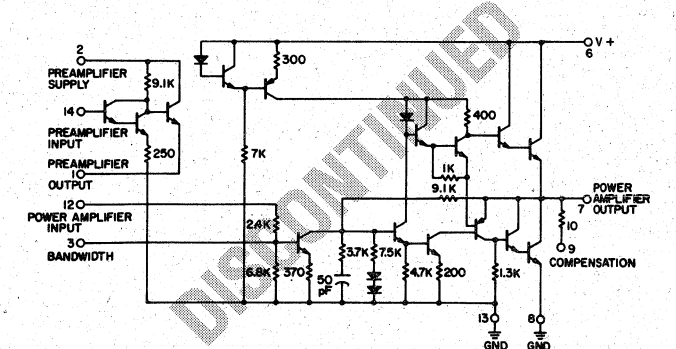
ECG812 14-Pin DIP See Fig. L104
AF PO



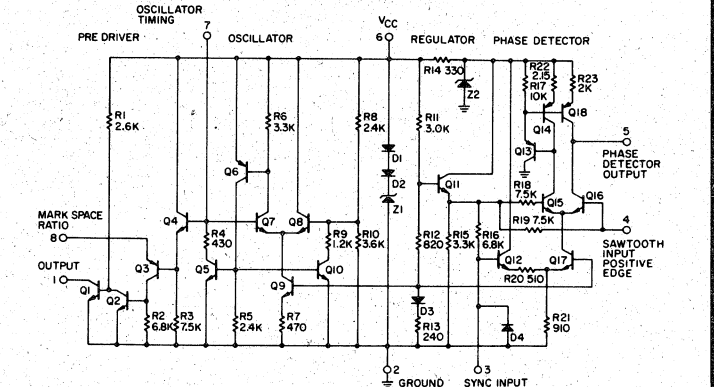
ECG813 28-Pin DIP See Fig. L124
CD4 Disc Demodulation System with Preamp



ECG814A 14-Pin DIP-W See Fig. L135
4 Watt AF PO with Preamp



ECG815 8-Pin DIP See Fig. L98
TV Horiz Processor for Positive Sawtooth Input

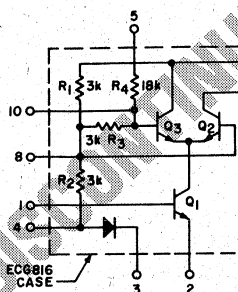


Linear IC and Module Circuits(cont'd)

ECG816

10-Pin Can See Fig. L7

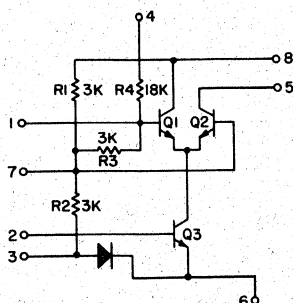
RF/IF Amp



ECG817

8-Pin DIP See Fig. L97

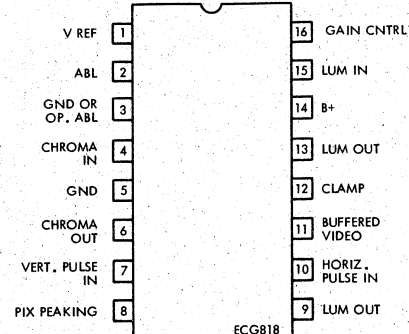
RF/IF Amp



ECG818

16-Pin DIP See Fig. L111

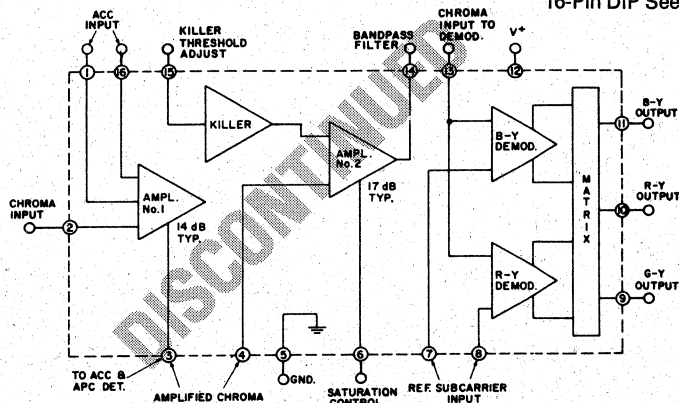
TV Luminance Processor



ECG819

Chroma Amp and Demod

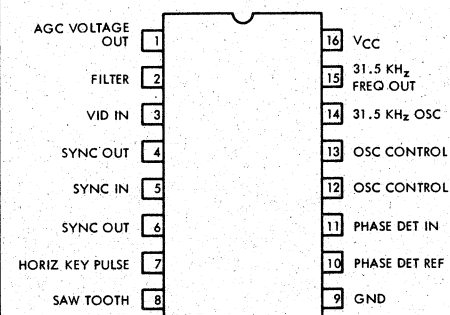
16-Pin DIP See Fig. L111



ECG820

Horiz Osc and AGC

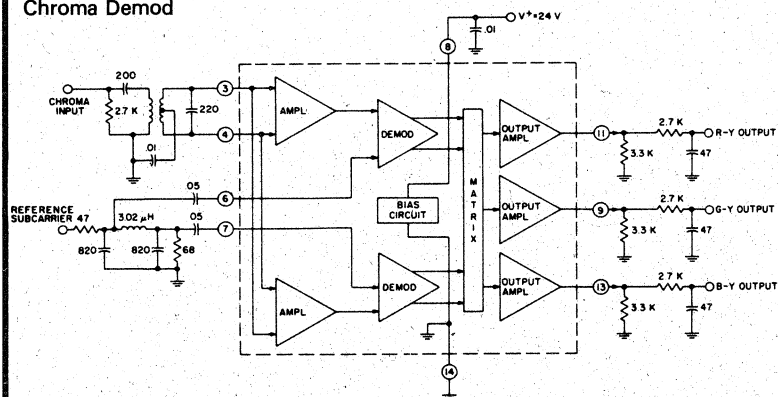
16-Pin DIP See Fig. L111



ECG821

Chroma Demod

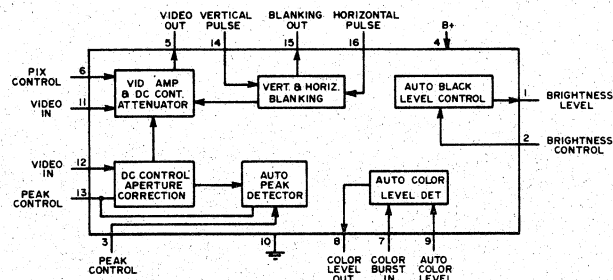
14-Pin DIP See Fig. L104



ECG822

TV Chroma Processor

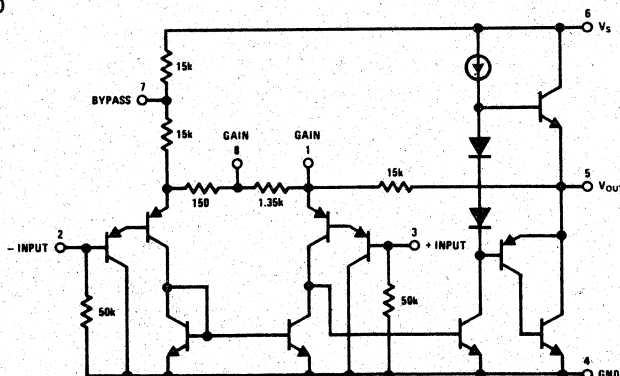
16-Pin DIP See Fig. L111



ECG823

AF PO

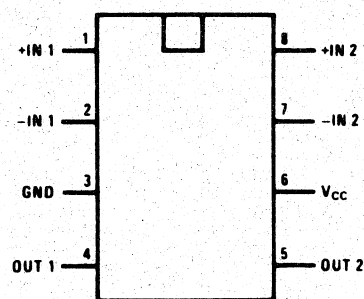
8-Pin DIP See Fig. L98



ECG824

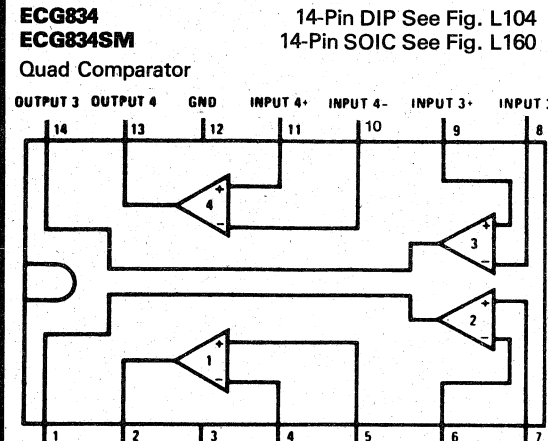
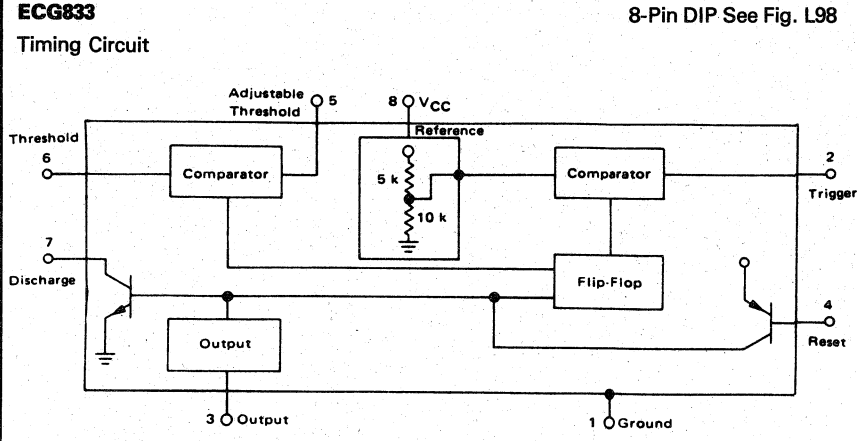
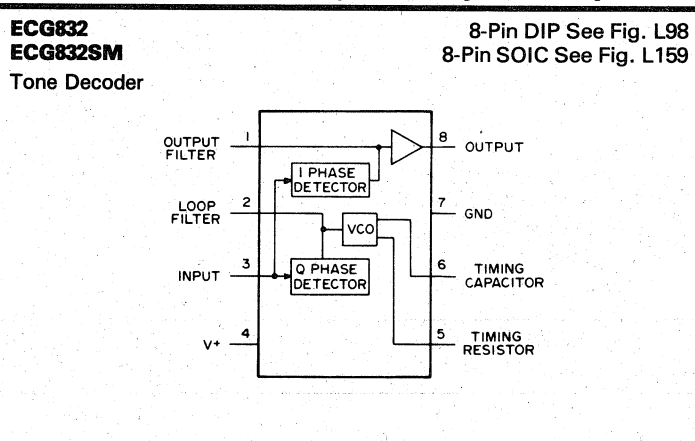
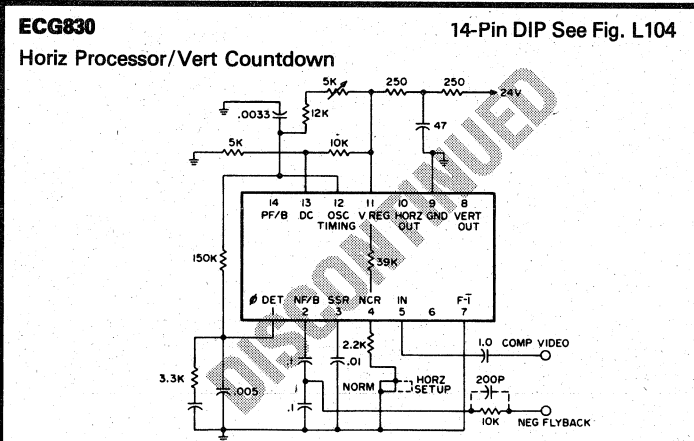
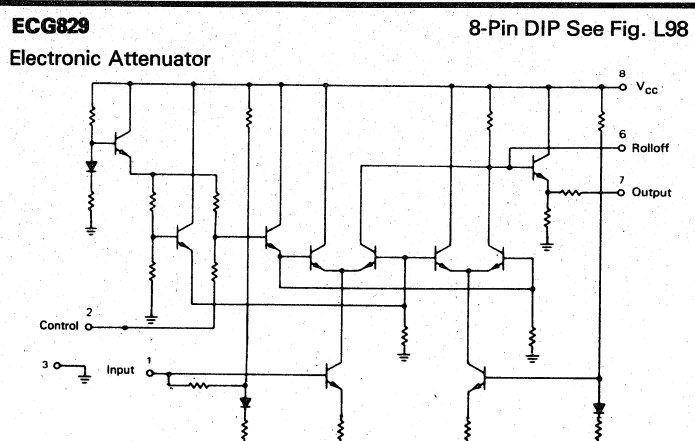
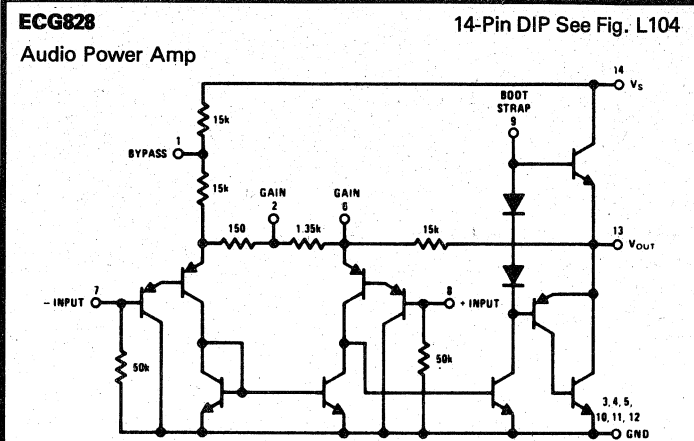
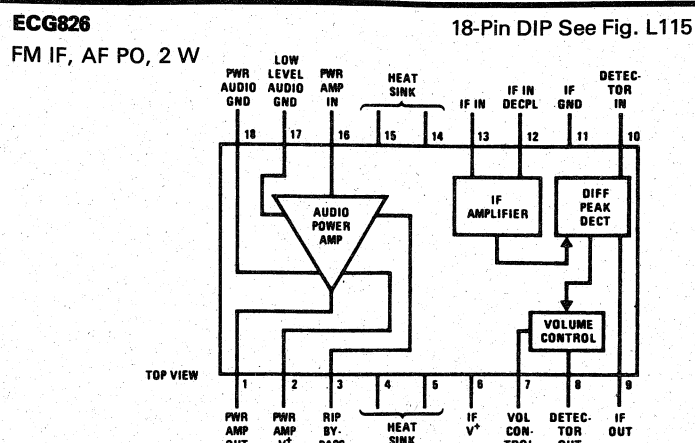
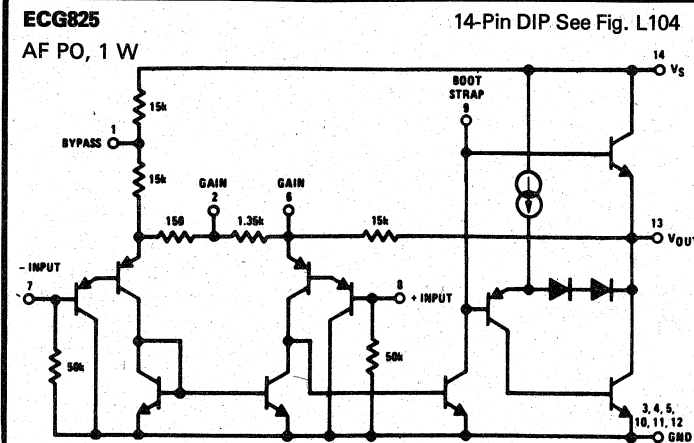
Dual AF Preamp

8-Pin DIP See Fig. L98



TOP VIEW

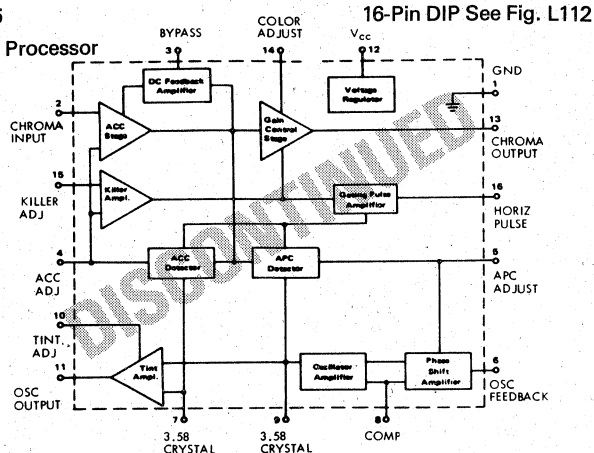
Linear IC and Module Circuits (cont'd)



Linear IC and Module Circuits (cont'd)

ECG835

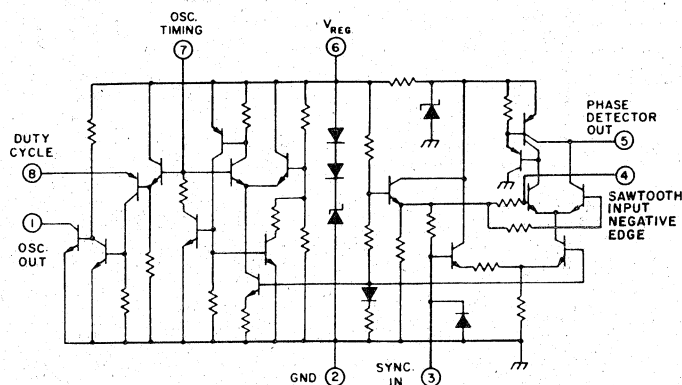
Chroma Processor



ECG836

TV Horiz Processor for Negative Sawtooth Input

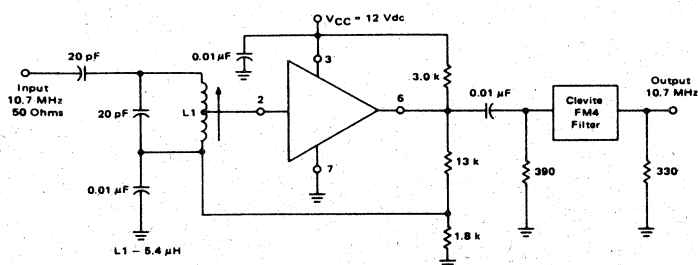
8-Pin DIP See Fig. L97



ECG838

Wide Band Amplifier

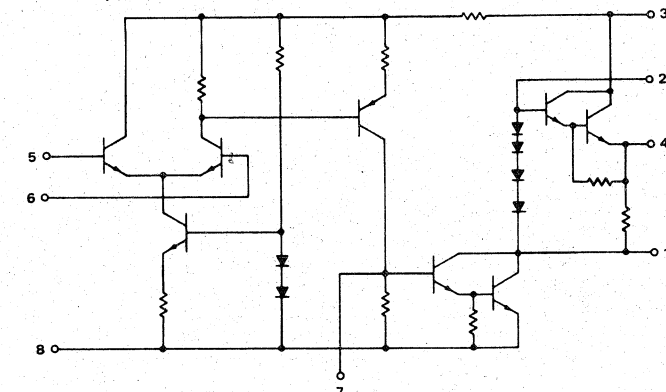
8-Pin DIP See Fig. L98



ECG839

AF Preamp, Class "B"

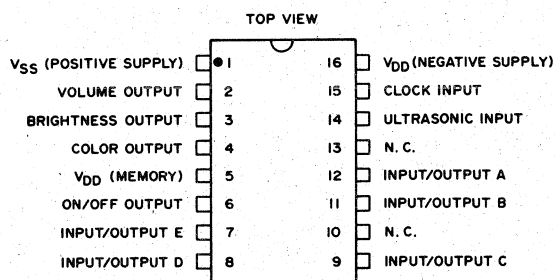
8-Pin DIP See Fig. L98



ECG840

TV 30-Channel Decoder

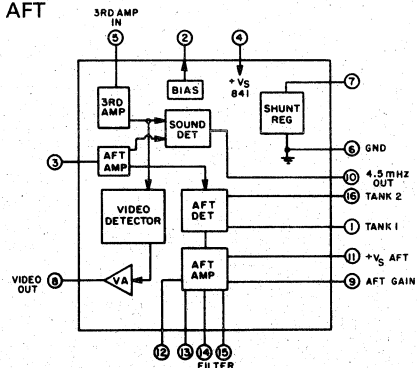
16-Pin DIP See Fig. L112



ECG841

TV Video IF, AFT

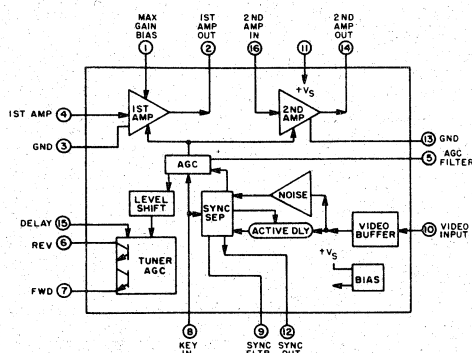
16-pin DIP See Fig. L112



ECG842

TV Video IF, AGC

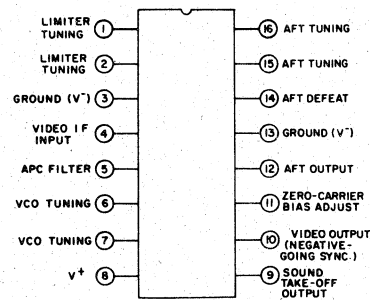
16-Pin DIP See Fig. L112



ECG843

TV Video IF, AFT

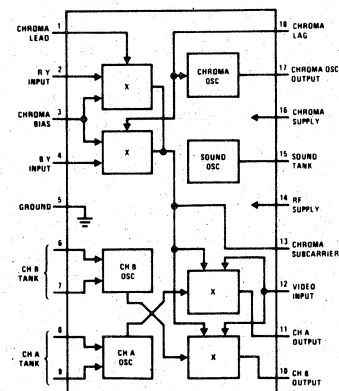
16-Pin DIP See Fig. L112



ECG846

TV Video Modulator

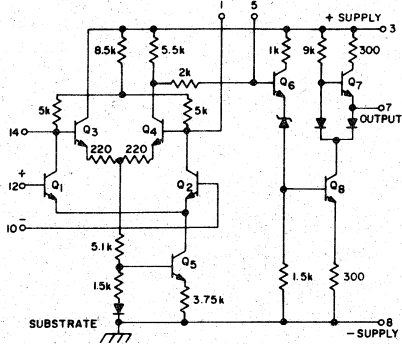
18-Pin DIP See Fig. L115



Linear IC and Module Circuits (cont'd)

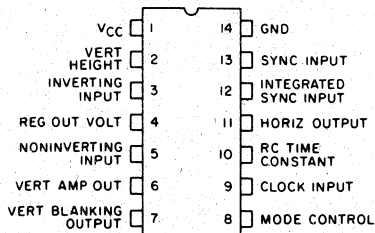
ECG847 14-Pin DIP See Fig. L103

Low Level Audio Amp. Replaces PA230 and PA238



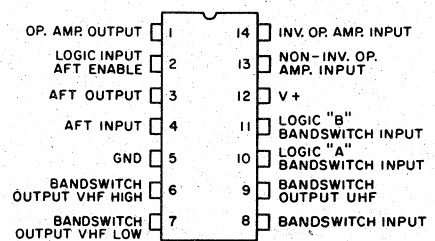
ECG849 14-Pin DIP See Fig. L104

TV Horiz/Vert Countdown



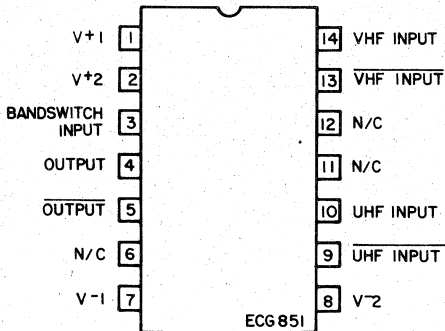
ECG850 14-Pin DIP See Fig. L104

Op Amp/Bandswitch

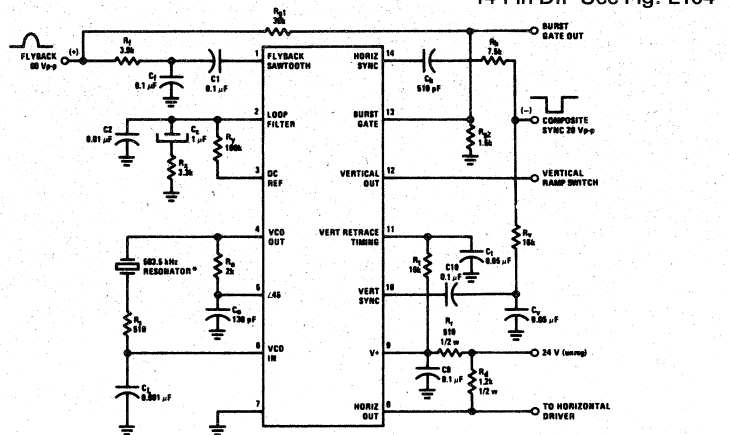


ECG851 14-Pin DIP See Fig. L104

TV VHF-UHF Pre-scaler

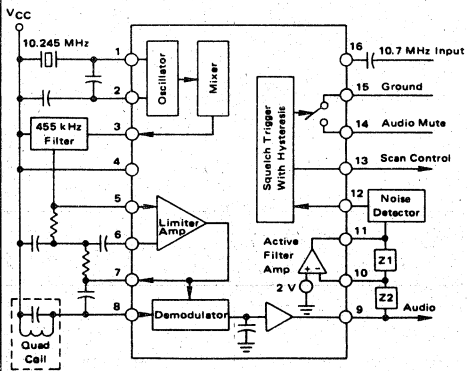
**ECG852**

No Hold Control, Vert/Horiz Circuit



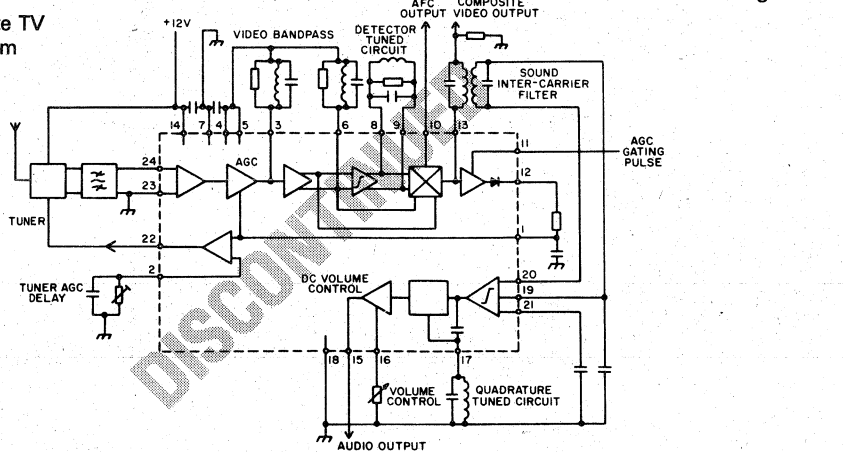
ECG853 16-Pin DIP See Fig. L111

Narrow Band FM, IF, Squelch, Scan Control



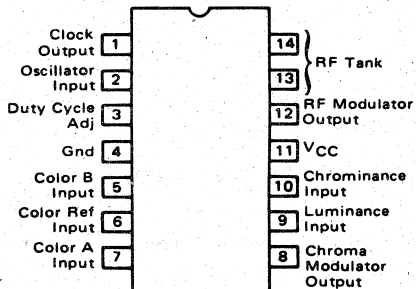
ECG854

Composite TV IF System



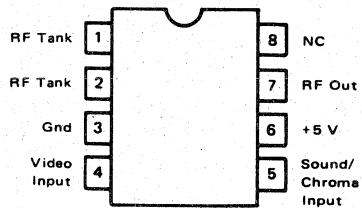
ECG855 14-Pin DIP See Fig. L104

Color TV Video Modulator



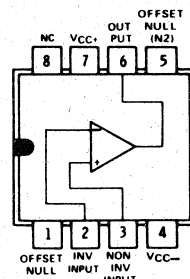
ECG856 8-Pin DIP See Fig. L97

TV Video Modulator



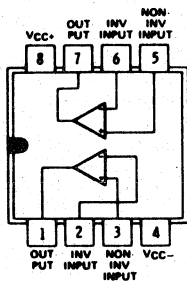
ECG857M 8-Pin DIP See Fig. L98

ECG857SM 8-Pin SOIC See Fig. L159
Lo Noise JFET Input Op Amp

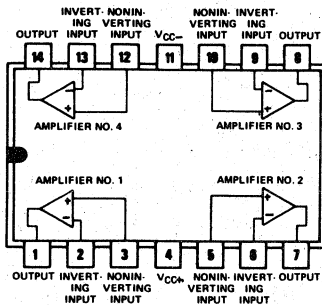


Linear IC and Module Circuits (cont'd)

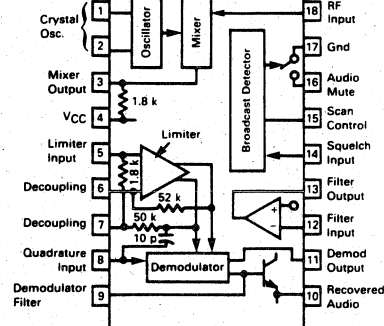
ECG858M 8-Pin DIP See Fig L98
ECG858SM 8-Pin SOIC See Fig. L159
 Dual Lo Noise JFET Input Op Amp



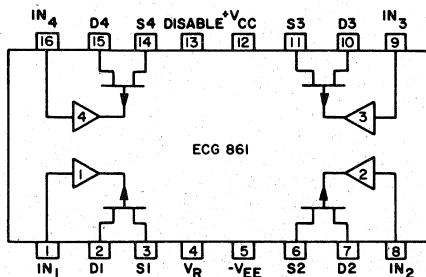
ECG859 14-Pin DIP See Fig. L104
ECG859SM 14-Pin SOIC See Fig. L160
 Quad Lo Noise JFET Input Op Amp



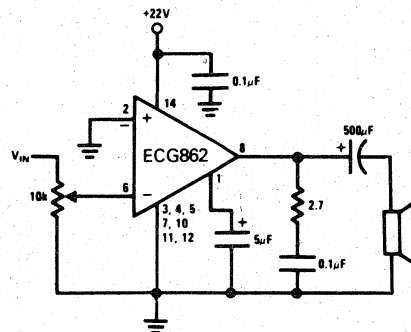
ECG860 18-Pin DIP See Fig. L115
 Narrow Band FM, IF Amp Scan Control
 Squelch Osc. Mixer, DET and AFC



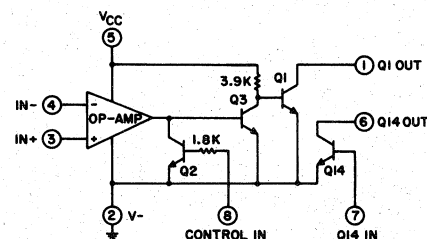
ECG861 16-Pin DIP See Fig. L112
 Quad Single Pole Analog Switches-Normally Open



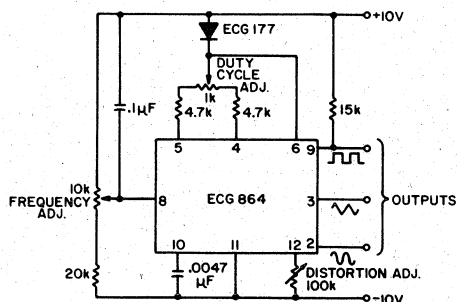
ECG862 14-Pin DIP-W See Fig. L106
 AF PO, $V_{CC} = 22\text{ V}$, $R_L = 8\ \Omega$
 2 W (No Heat Sink)
 5 W (With ECG450A Heat Sink)



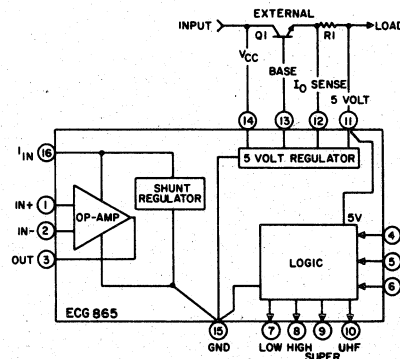
ECG863 8-Pin DIP See Fig. L98
 Op Amp Comparator Used By Zenith as a Pulse Width Modulator, $V_{CC} = 12\text{ V Typ}$



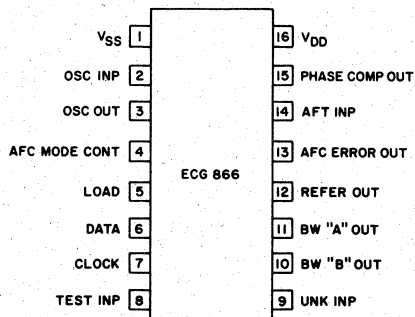
ECG864 14-Pin DIP See Fig. L104
 Precision Waveform Generator



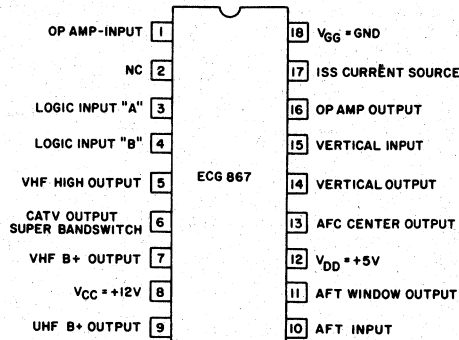
ECG865 16-Pin DIP See Fig. L111
 TV Tuner Band Selector (MOS), $V_{CC} = 10\text{ V Typ}$



ECG866 16-Pin DIP See Fig. L111
 TV Tuner Frequency Synthesizer (PMOS) $V_{DD} = 5\text{ V}$, $V_{SS} = 0\text{ V Typ}$



ECG867 18-Pin DIP See Fig. L115
 TV Tuner Band Select and Quad Comparator (PMOS), $V_{CC} = 12\text{ V}$,
 $V_{DD} = 5\text{ V}$, $V_{GG} = 0\text{ V Typ}$



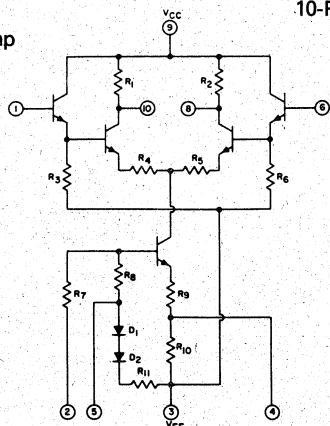


Linear IC and Module Circuits (cont'd)

ECG900

Balanced Diff Amp
and DC Amp

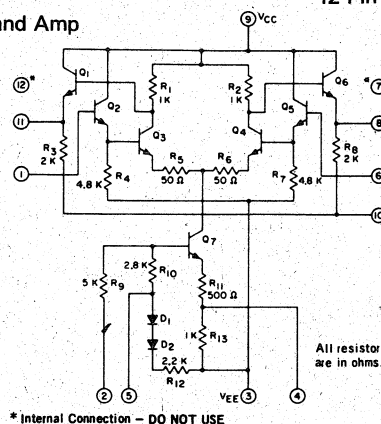
10-Pin Can See Fig. L7



ECG901

Video, Wide-Band Amp

12-Pin Can See Fig. L9

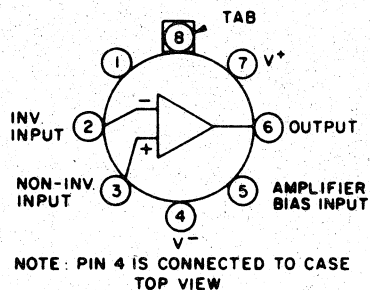


All resistors
are in ohms.

ECG902

Operational Transconductance Amplifier

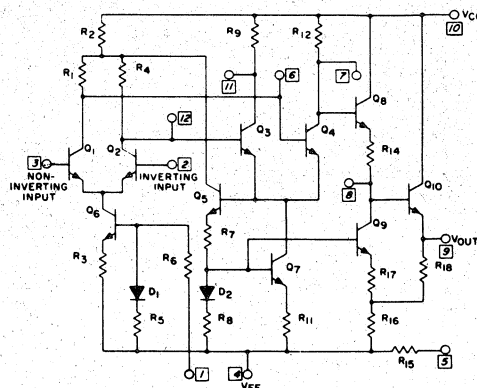
8-Pin Can See Fig. L3



ECG903

Op Amp

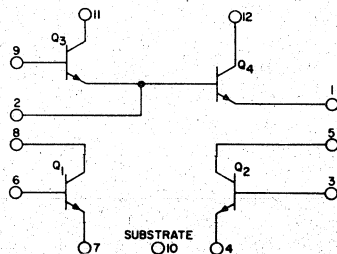
12-Pin Can See Fig. L9



ECG904

2 Transistors and Darlington Pair

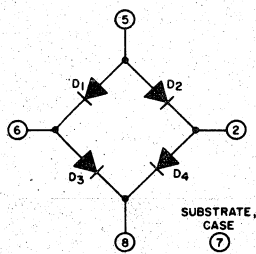
12-Pin Can See Fig. L9



ECG905

Diode "Quad" Plus 2 Isolated Diodes

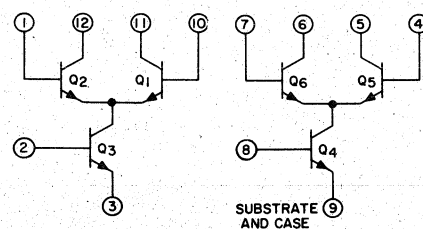
10-Pin Can See Fig. L7



ECG906

Dual HF Diff Amps for Frequency Up to
500 MHz

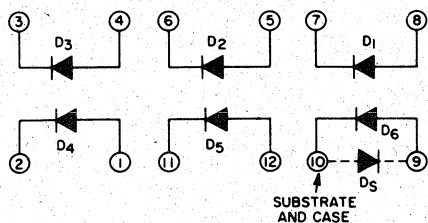
12-Pin Can See Fig. L9



ECG907

Ultra Fast Matched Diodes

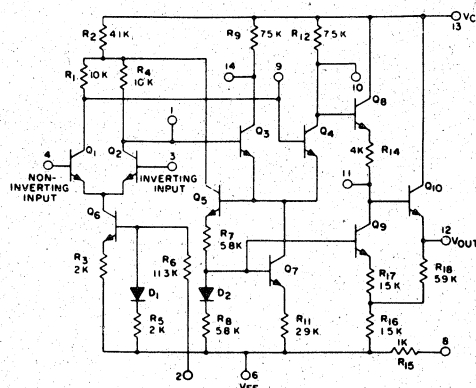
12-Pin Can See Fig. L9



ECG908

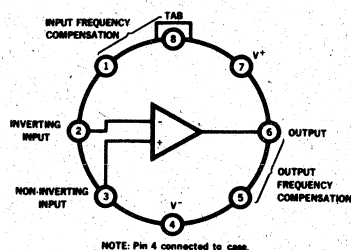
Op Amp

14-Pin DIP See Fig. L104



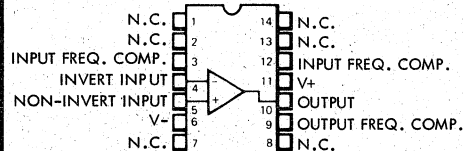
Linear IC and Module Circuits (cont'd)

ECG909 8-Pin Can See Fig. L3
Hi-Performance Op Amp

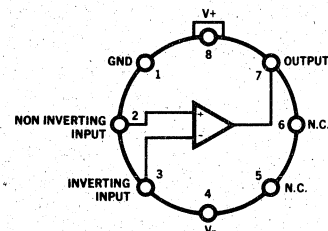


Top View

ECG909D 14-Pin DIP See Fig. L104
Hi-Performance Op Amp



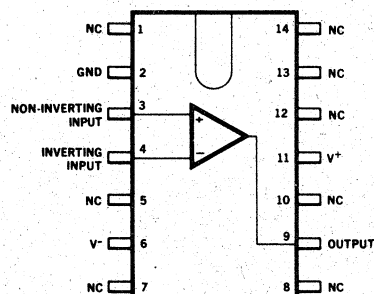
ECG910 8-Pin Can See Fig. L3
Hi-Speed Diff Comparator



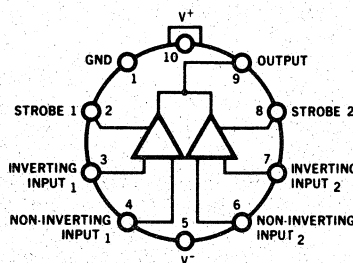
Note: Pin 4 connected to case

Top View

ECG910D 14-Pin DIP See Fig. L104
Hi-Speed Diff Comparator

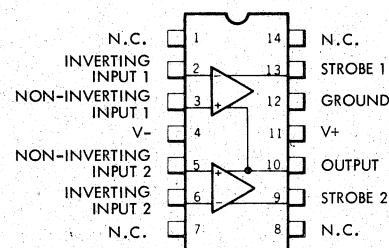


ECG911 10-Pin Can See Fig. L7
Dual Hi-Speed Diff Comparator

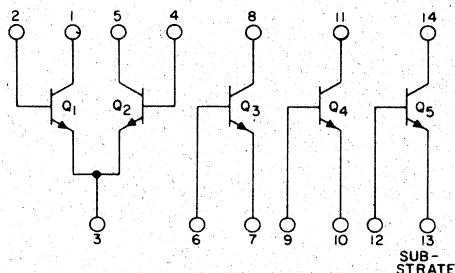


Top View

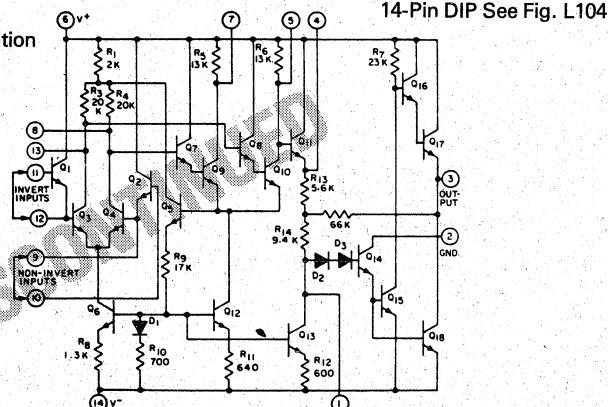
ECG911D 14-Pin DIP See Fig. L104
Dual Hi-Speed Diff Comparator



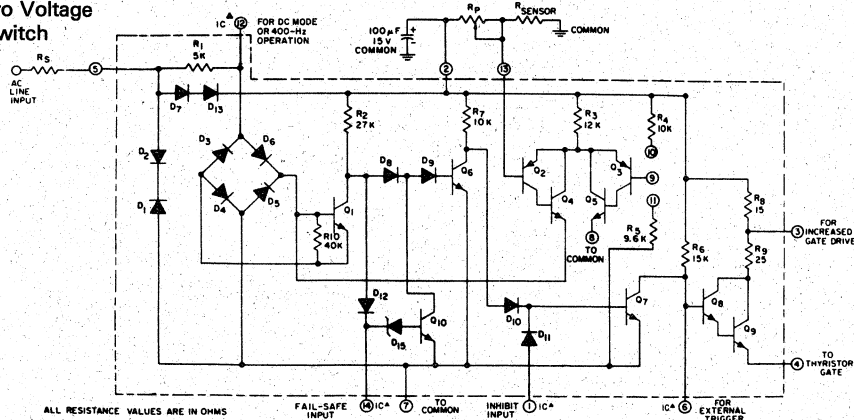
ECG912 14-Pin DIP See Fig. L104
3 Isolated Transistors, 1 Diff Pair



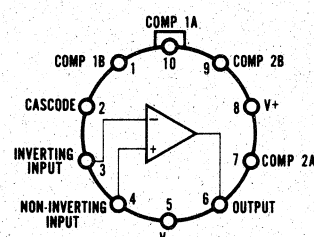
ECG913 14-Pin DIP See Fig. L104
Op Amp for Hi-Current Application



ECG914 14-Pin DIP See Fig. L104
Zero Voltage Switch



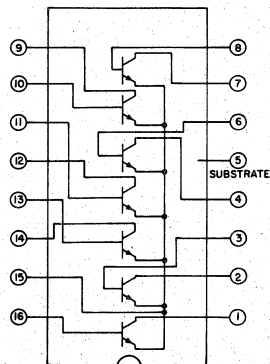
ECG915 10-Pin Can See Fig. L7
Hi-Speed Op Amp



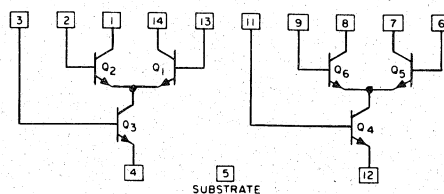
Top View

Linear IC and Module Circuits (cont'd)

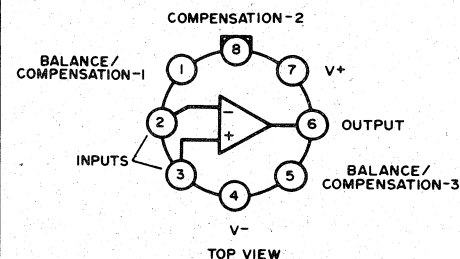
ECG916 16-Pin DIP See Fig. L111
NPN Transistor Array for Digital Segment Displays



ECG917 14-Pin DIP See Fig. L104
Dual Diff Amp. Lo-Power Application from DC to 120 MHz

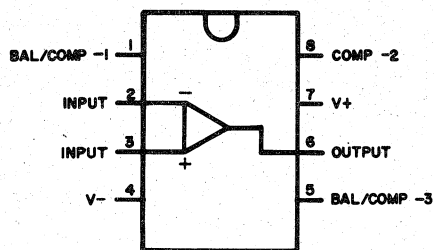


ECG918 8-Pin Can See Fig. L3
Hi-Speed Precision Op Amp



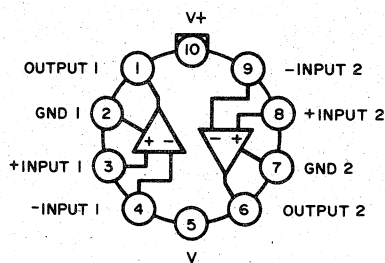
Top View

ECG918M 8-Pin DIP See Fig. L97
ECG918SM 8-Pin SOIC See Fig. L159
Hi-Speed Precision Op Amp



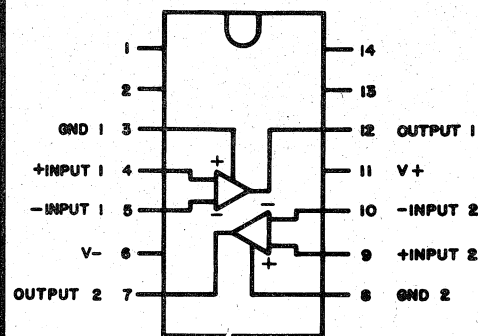
Top View

ECG919 10-Pin Can See Fig. L7
Dual Hi-Speed Comparator



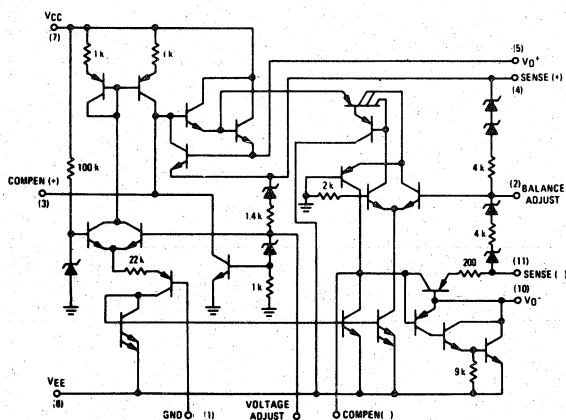
Top View

ECG919D 14-Pin DIP See Fig. L104
Dual Hi-Speed Comparator

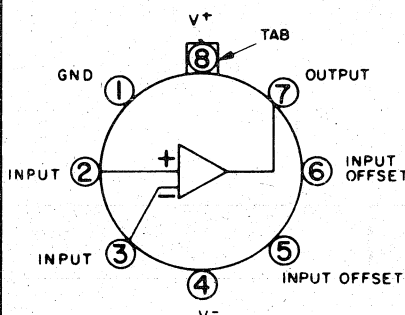


Top View

ECG921 14-Pin DIP See Fig. L104
Dual Polarity Tracking VR ± 15 V

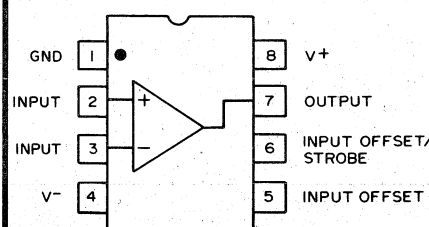


ECG922 8-Pin Can See Fig. L3
Voltage Comparator



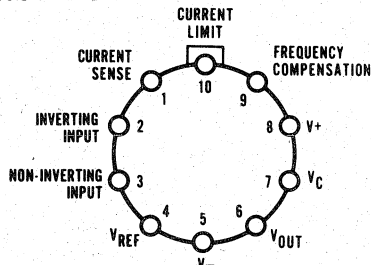
NOTE: PIN 4 IS CONNECTED TO CASE

ECG922M 8-Pin DIP See Fig. L97
ECG922SM 8-Pin SOIC See Fig. L159
Voltage Comparator



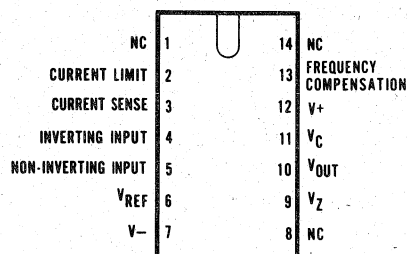
Top View

ECG923 10-Pin Can See Fig. L6
Precision VR.

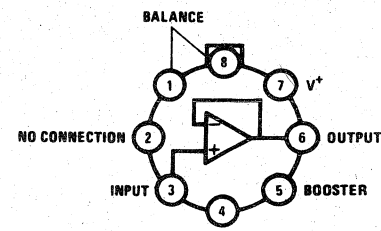


NOTE: Pin 5 is connected to case

ECG923D 14-Pin DIP See Fig. L104
Precision VR



ECG924 8-Pin Can See Fig. L3
Voltage Follower Op Amp

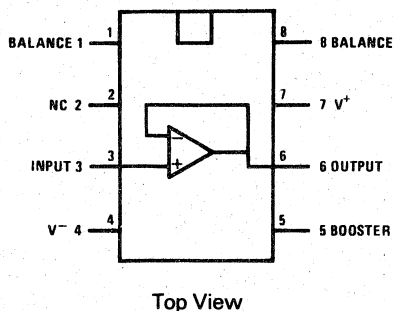


NOTE: Pin 4 connected to case.

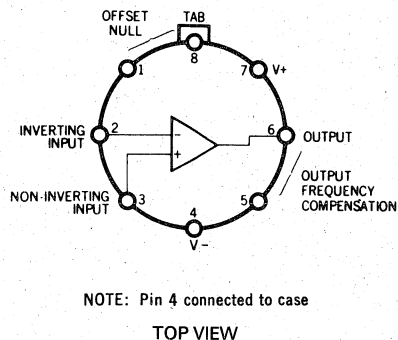
Top View

Linear IC and Module Circuits (cont'd)

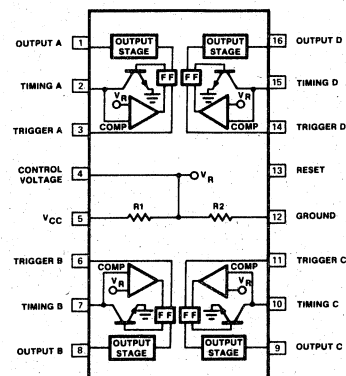
ECG924M 8-Pin DIP See Fig. L97
Voltage Follower Op Amp



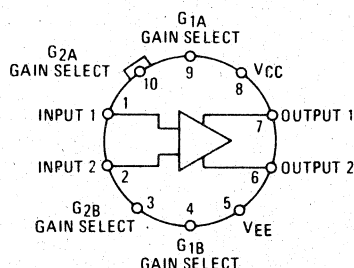
ECG925 8-Pin Can See Fig. L3
Instrumentation Op Amp



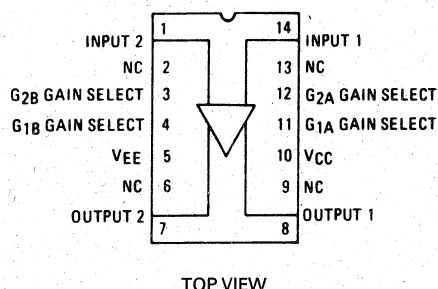
ECG926 16-Pin DIP See Fig. L111
Quad Timer



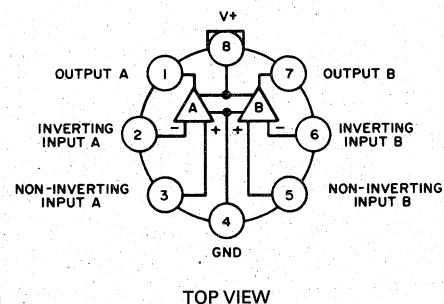
ECG927 10-Pin Can See Fig. L36
Differential Video Amp



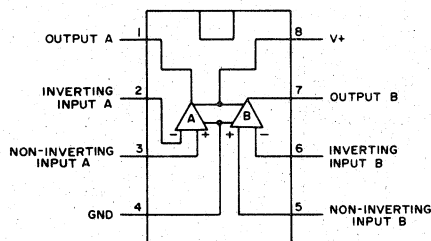
ECG927D 14-Pin DIP See Fig. L104
ECG927SM 14-Pin SOIC See Fig. L160
Differential Video Amp



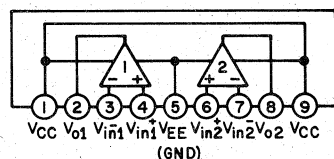
ECG928 8-Pin Can See Fig. L3
Dual Low Power Op Amp



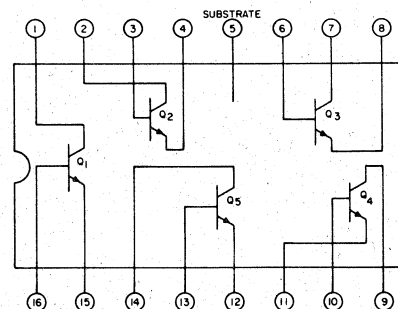
ECG928M 8-Pin DIP See Fig. L97
ECG928SM 8-Pin SOIC See Fig. L159
Dual Low Power Op Amp



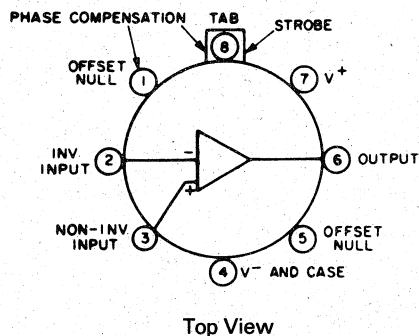
ECG928S 9-Pin SIP See Fig. L39
Dual Low Power Op Amp



ECG929 16-Pin DIP See Fig. L111
Hi Current NPN Transistor Array w/Matched Pair (Q1 and Q2)



ECG930 8-Pin Can See Fig. L3
Bi-MOS Op Amp



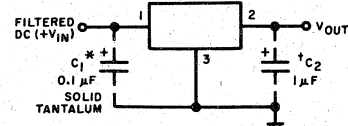
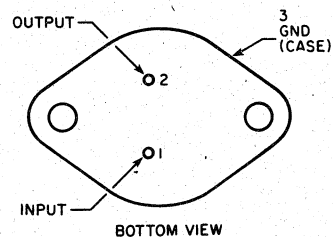
ECG931, ECG932, ECG933, ECG934
3 Terminal Positive Voltage Regulators

ECG Type	Output Voltage $V_O \pm 5\%$	Output Current I_O	Max. Input Voltage V_{IN}	Min. Input Voltage V_{IN}	Power Diss. P_D
ECG931	5 V	3 A	20 V	7.5 V	30 W
ECG932	5 V	5 A	25 V	8.5 V	50 W
ECG933	12 V	5 A	30 V	14.6 V	50 W
ECG934	13.8 V	5 A	35 V	16.4 V	50 W

* Required if device is more than 4" from filter capacitor.

† Regulator is stable with no load capacitor into resistive loads.

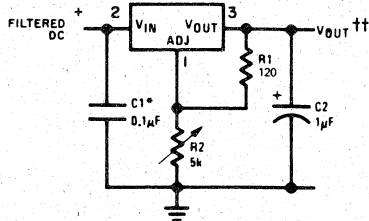
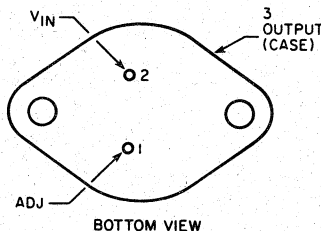
TO-3 See Fig. L11



Linear IC and Module Circuits (cont'd)

ECG935

3 Terminal Positive Adjustable Voltage Regulator; 1.2 to 32 V_{OUT}, I_O=5 A, P_D=50 W, V_{IN} Max=30 + V_{OUT}, V_{IN} MIN=1.25 + V_{OUT}



* Required if device is more than 4" from filter capacitor.

† Regulator is stable with no load capacitor into resistive loads.

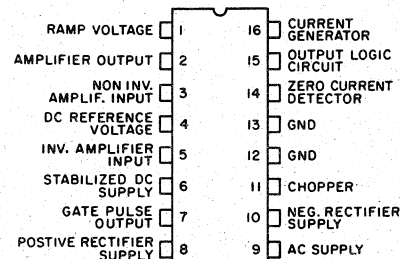
$$V_{OUT} = 1.25 V \left(1 + \frac{R_2}{R_1} \right)$$

TO-3 See Fig. L11

ECG936

16-Pin DIP See Fig. L111

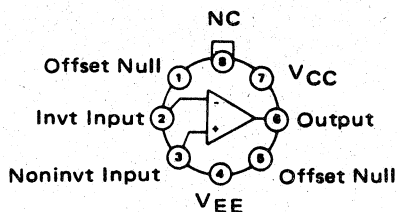
Phase Control for SCR or TRIAC



ECG937

8-Pin Can See Fig. L3

JFET Input Op Amp

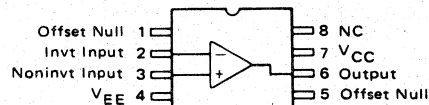


Top View

ECG937M

8-Pin DIP See Fig. L98

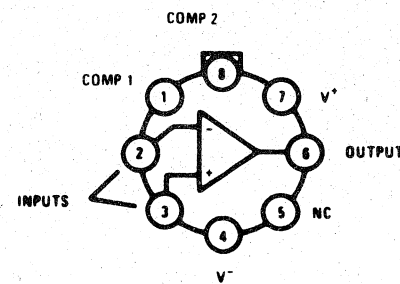
JFET Input Op Amp



ECG938

8-Pin Can See Fig. L3

Precision Op Amp

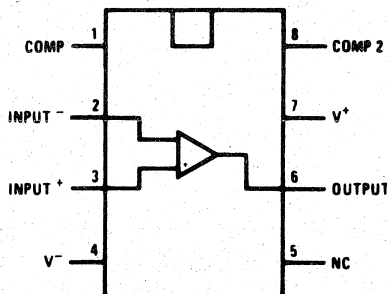


Note: Pin 4 connected to case.
TOP VIEW

ECG938M

8-Pin DIP See Fig. L97

Precision Op Amp

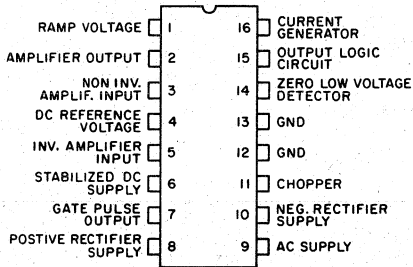


Top View

ECG939

16-Pin DIP See Fig. L111

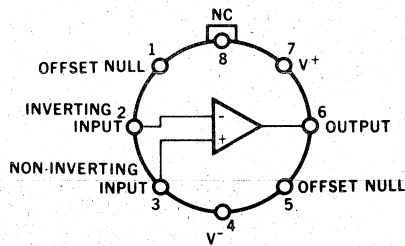
Burst Control for SCR or TRIAC



ECG941

8-Pin Can See Fig. L3

Freq-Compensated Op Amp

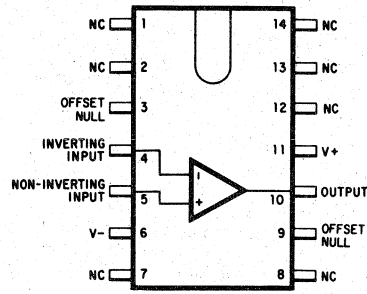


NOTE: PIN 4 CONNECTED TO CASE
TOP VIEW

ECG941D

14-Pin DIP See Fig. L104

Freq-Compensated Op Amp



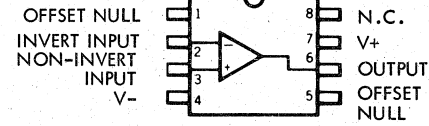
ECG941M

8-Pin DIP See Fig. L97

ECG941SM

8-Pin SOIC See Fig. L159

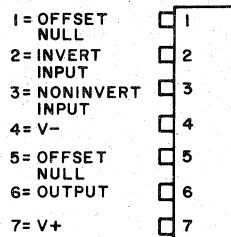
Freq-Compensated Op Amp



ECG941S

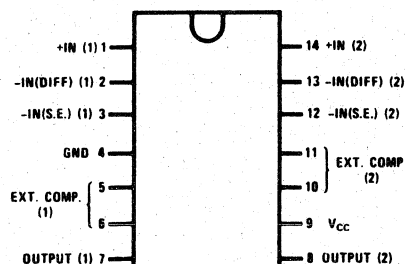
7-Pin SIP See Fig. L24

Freq-Compensated Op Amp



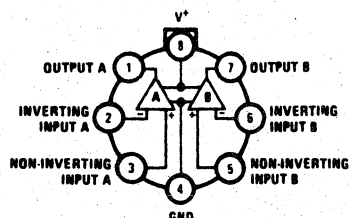
Linear IC and Module Circuits (cont'd)

ECG942 14-Pin DIP See Fig. L104
Lo Noise Dual Preamp



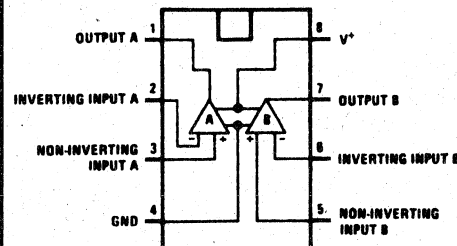
Top View

ECG943 8-Pin Can See Fig. L3
Dual Comparator



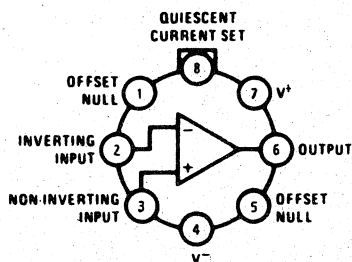
Top View

ECG943M 8-Pin DIP See Fig. L98
ECG943SM 8-Pin SOIC See Fig. L159
Dual Comparator



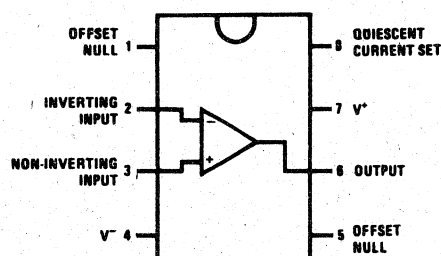
Top View

ECG944 8-Pin Can See Fig. L3
Programmable Op Amp



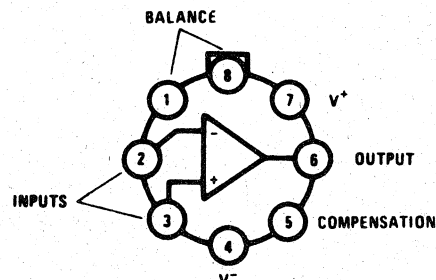
Top View

ECG944M 8-Pin DIP See Fig. L98
Programmable Op Amp



Top View

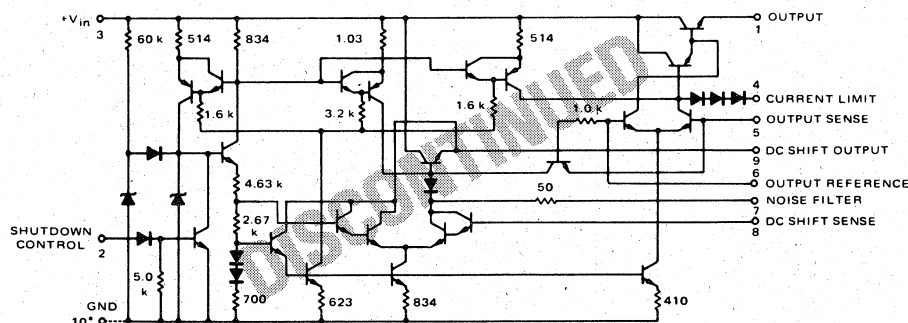
ECG945 8-Pin Can See Fig. L3
Op Amp/Internal Comp/Darlington Input



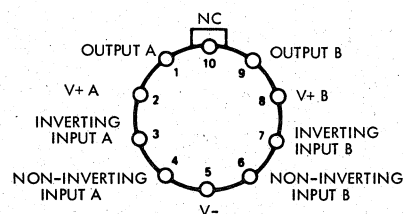
Note: Pin 4 connected to case.

Top View

ECG946 TO-66, 9-Pin See Fig. L12
Positive Power Supply Voltage Regulator

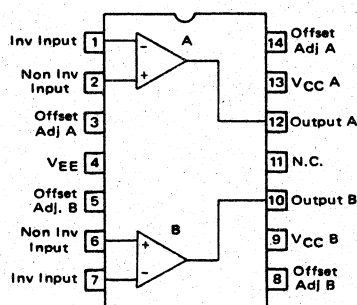


ECG947 10-Pin Can See Fig. L7
Dual, Freq-Compensated Op Amp



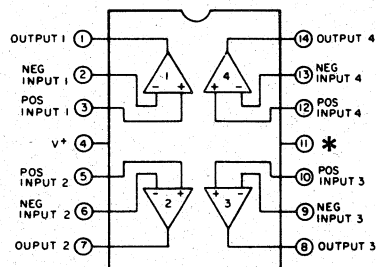
Top View

ECG947D 14-Pin DIP See Fig. L104
Dual, Freq-Compensated Op Amp



Pins 9 & 13 Be Tied Externally

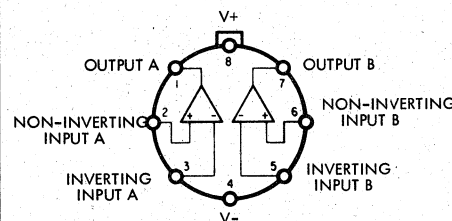
ECG948, ECG987 14-Pin DIP See Fig. L104
ECG948SM, ECG987SM 14-Pin SOIC See Fig. L160
Quad Op Amp



Top View

* ECG948, 948SM — Dual Supply, Pin 11 = V-
ECG987, 987SM — Single Supply, Pin 11 = GND

ECG949 8-Pin Can See Fig. L3
Dual Op Amp



NOTE: PIN 4 CONNECTED TO CASE

Top View

Linear IC and Module Circuits (cont'd)

ECG950

Pos VR, 12 V, 100 mA

ECG951

Pos VR, 15 V, 100 mA

ECG977

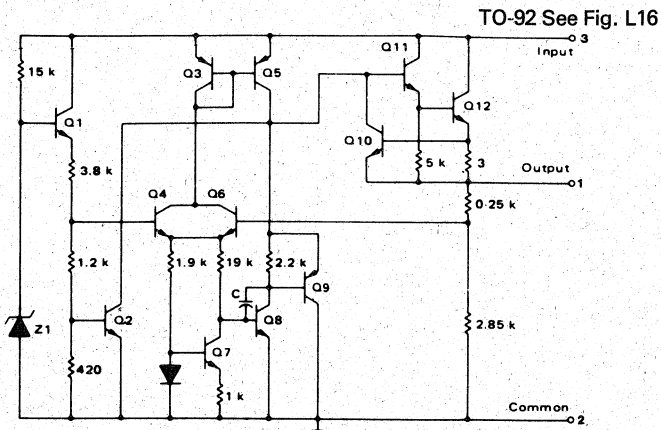
Pos VR, 5 V, 100 mA

ECG981

Pos VR, 8 V, 100 mA

ECG988

Pos VR, 6.2 V, 100 mA

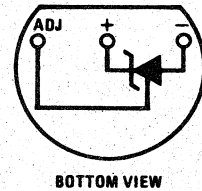


TO-92 See Fig. L16

ECG952

Precision 2.5 V Voltage Reference

TO-92 See Fig. L16

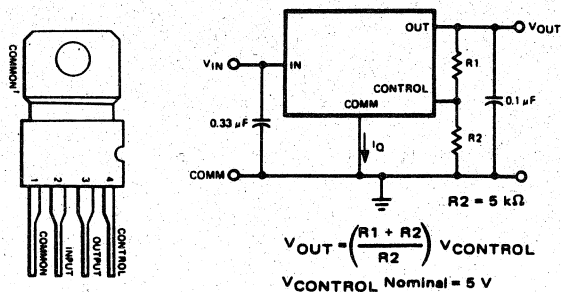


BOTTOM VIEW

ECG953

Pos VR, Adjustable 5 to 30 V, 1 A

TO-202, 4-Pin See Fig. L18

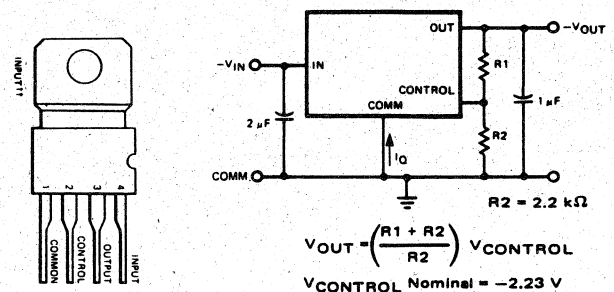


NOTES: Heat sink tabs connected to common through device substrate. Not recommended for direct electrical connection. Recommended R2 current \approx 1 mA.

ECG954

Neg VR, Adjustable -2.2 to -30 V

TO-202, 4-Pin See Fig. L18



NOTES: Heat sink tabs connected to input through device substrate. Not recommended for direct electrical connection. Recommend R2 current \approx 1 mA

ECG955M

8-Pin DIP See Fig. L98

ECG955S

8-Pin SIP See Fig. L35

ECG955SM

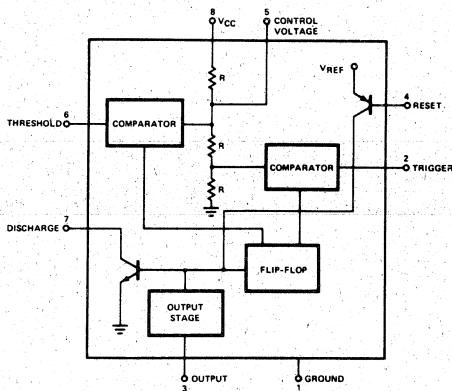
8-Pin SOIC See Fig. L159

Timer/Oscillator

ECG955MC

Low Power Timer/Oscillator, CMOS Output

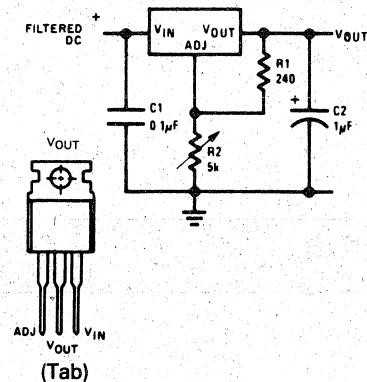
8-Pin DIP See Fig. L97



ECG956

Pos VR, 1.2 to 37 V, 1.5 A

TO-220 See Fig. L17

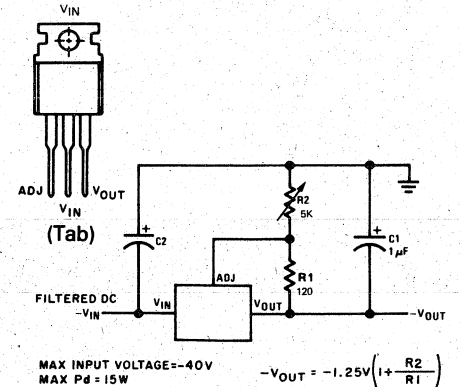


MAX INPUT VOLTAGE = 40V
MAX Pd = 15W
 $V_{OUT} = 1.25V \left(1 + \frac{R2}{R1}\right)$

ECG957

Neg VR, 1.2 to 37 V, 1.5 A

TO-220 See Fig. L17



MAX INPUT VOLTAGE = -40V
MAX Pd = 15W
 $-V_{OUT} = -1.25V \left(1 + \frac{R2}{R1}\right)$

ECG958

Pos VR, 18 V, 1 A

ECG960

Pos VR, 5 V, 1 A

ECG962

Pos VR, 6 V, 1 A

ECG964

Pos VR, 8 V, 1 A

ECG966

Pos VR, 12 V, 1 A

ECG968

Pos VR, 15 V, 1 A

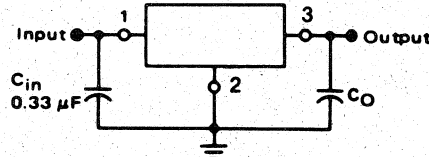
ECG972

Pos VR, 24 V, 1 A

ECG1932

Pos VR, 10 V, 1 A

TO-220 See Fig. L17



ECG959

Neg VR, 18 V, 1 A

ECG961

Neg VR, 5 V, 1 A

ECG963

Neg VR, 6 V, 1 A

ECG965

Neg VR, 8 V, 1 A

ECG967

Neg VR, 12 V, 1 A

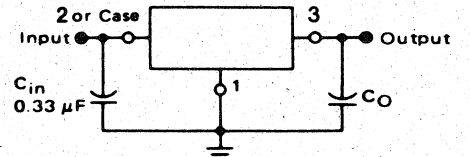
ECG969

Neg VR, 15 V, 1 A

ECG971

Neg VR, 24 V, 1 A

TO-220 See Fig. L17

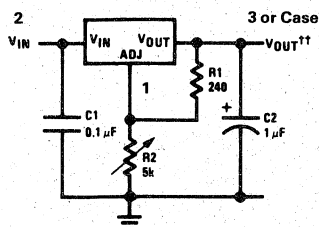


Linear IC and Module Circuits (cont'd)

ECG970

TO-3 See Fig. L11

Pos VR, 1.2 to 33 V, 3 A



$$V_{OUT} = 1.25V \left(1 + \frac{R2}{R1}\right)$$

ECG971

See ECG959

Page 1-179

ECG972

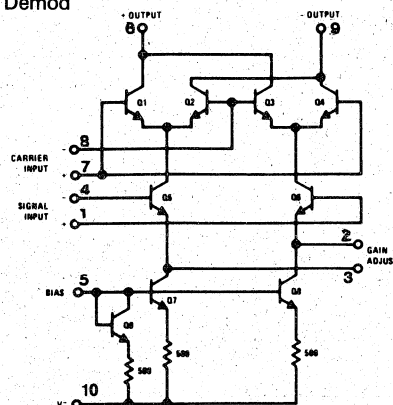
See ECG958

Page 1-179

ECG973

Balanced Mod/Demod

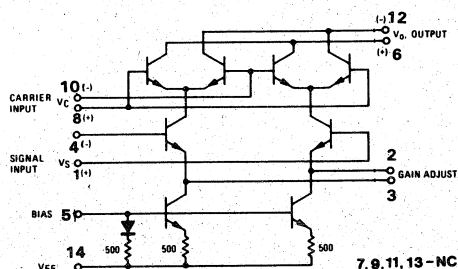
10-Pin Can See Fig. L7



ECG973D

14-Pin DIP See Fig. L104

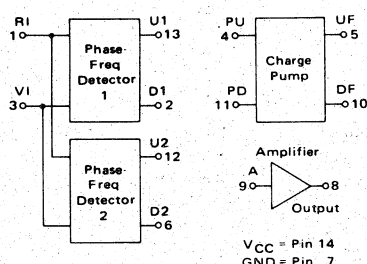
Balanced Mod/Demod



ECG974

14-Pin DIP See Fig. L104

Phase/Frequency Detector

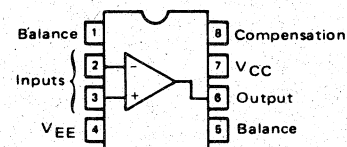


V_{CC} = Pin 14
GND = Pin 7

ECG975

8-Pin DIP See Fig. L98

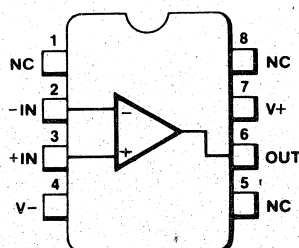
Op Amp, Externally Compensated, Supply Voltage ±18 V Max.



ECG976

8-Pin DIP See Fig. L97

Op Amp, Internally Compensated, Supply Voltage ±18 V Max.



(Top View)

ECG977

See ECG950

Page 1-179

ECG978

ECG978SM

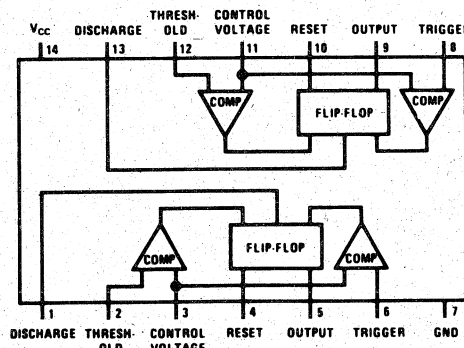
Dual Timing Circuit

14-Pin DIP See Fig. L104

14-Pin SOIC See Fig. L160

ECG978C

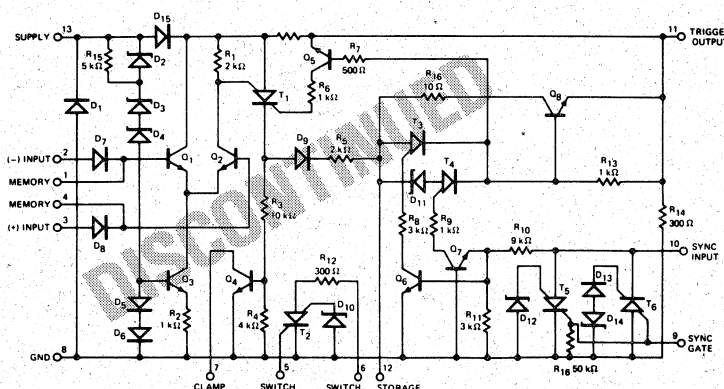
Dual Low Power Timer/Oscillator, CMOS Output



ECG979

Zero Crossing Trigger

14-Pin DIP See Fig. L104

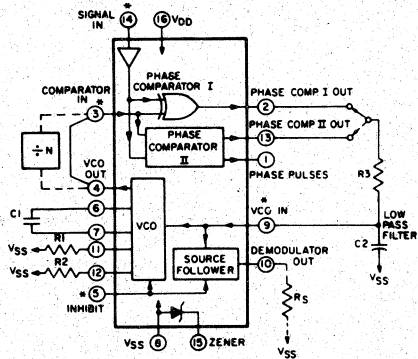


Linear IC and Module Circuits (cont'd)

ECG980

CMOS Phase Locked Loop

16-Pin DIP See Fig. L111



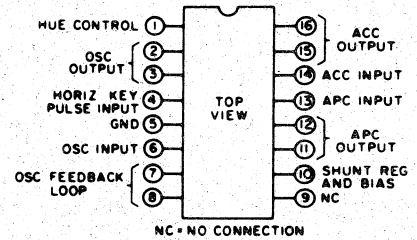
ECG981

See ECG950
Page 1-179

ECG982

16-Pin DIP See Fig. L111

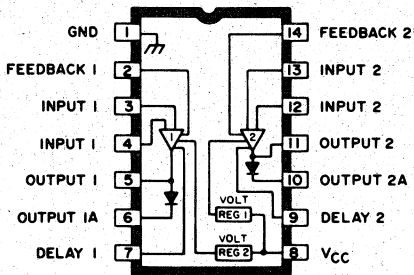
Subcarrier Regenerator ACC, APC Detector



ECG983

14-Pin DIP See Fig. L104

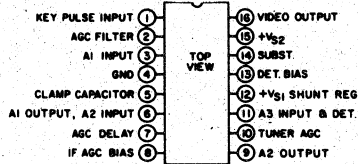
Dual Audio Preamp

**ECG984**

16-Pin DIP See Fig. L111

TV Video IF, AFT

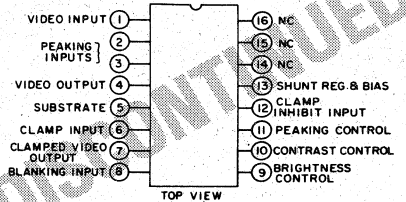
(16-Pin DIP-Q
See Alternate Fig. L113)



ECG985

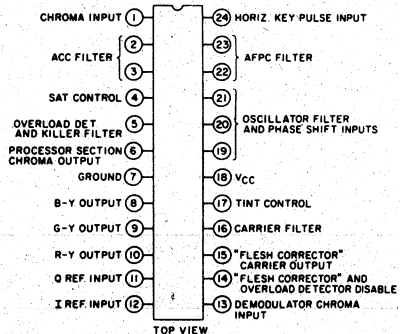
16-Pin DIP See Fig. L111

Luminance Processor

**ECG986**

24-Pin DIP See Fig. L122

Chroma Processor and Demod



ECG987, ECG987SM

See ECG948
Page 1-178

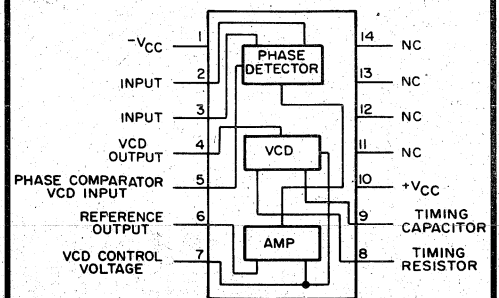
ECG988

See ECG950
Page 1-179

ECG989

14-Pin DIP See Fig. L104

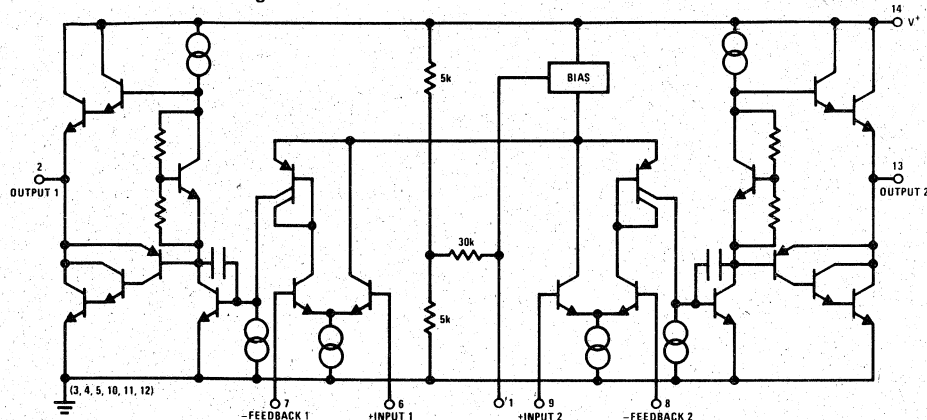
PLL, Gen Purpose



ECG990

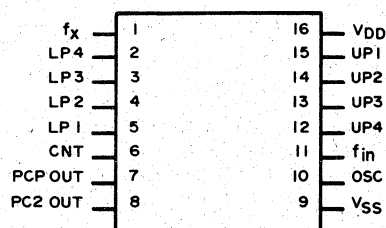
14-Pin DIP-W See Fig. L106

Dual AF PO, 2 W

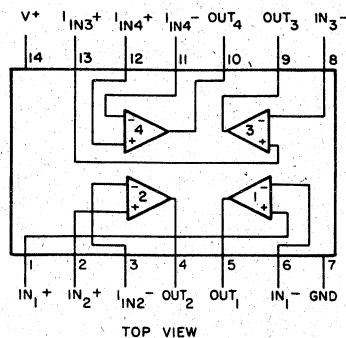


Linear IC and Module Circuits (cont'd)

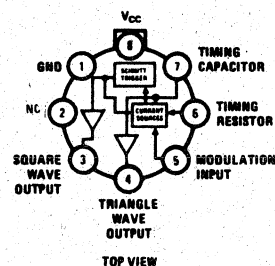
ECG991 16-Pin DIP See Fig. L112
CB PLL, Freq Synthesizer



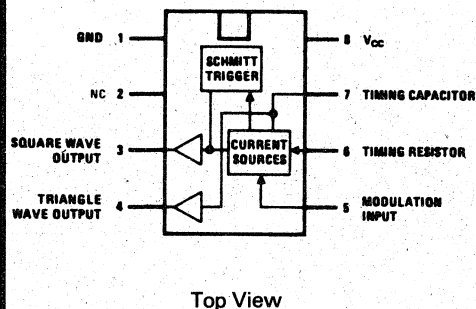
ECG992 14-Pin DIP See Fig. L104
4 Independent Amps



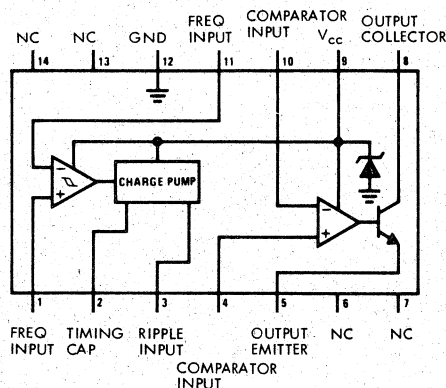
ECG994 8-Pin Can See Fig. L3
General Purpose Voltage Controlled
Oscillator, Function Generator



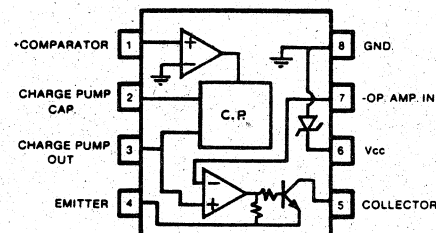
ECG994M 8-Pin DIP See Fig. L97
General Purpose Voltage Controlled
Oscillator, Function Generator



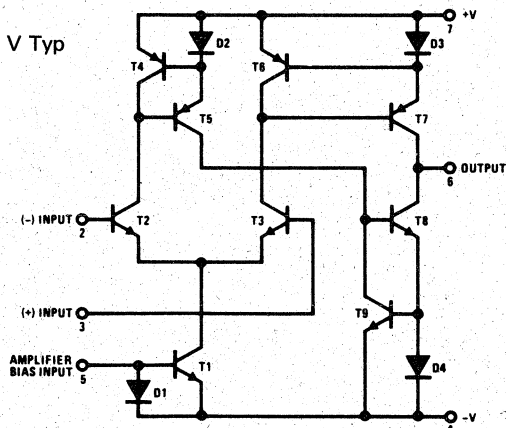
ECG995 14-Pin DIP See Fig. L104
Frequency to Voltage Converter



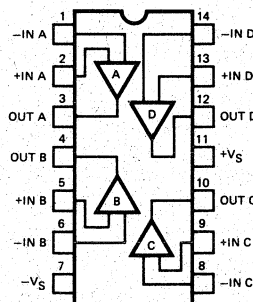
ECG995M 8-Pin DIP See Fig. L97
Frequency to Voltage Converter,
 $V_{CC} = 12\text{ V Typ}$



ECG996 8-Pin DIP See Fig. L97
Op Amp
 $V = \pm 15\text{ V Typ}$



ECG997 14-Pin DIP See Fig. L104
Quad Op Amp
 $V_S = \pm 15\text{ V Typ}$

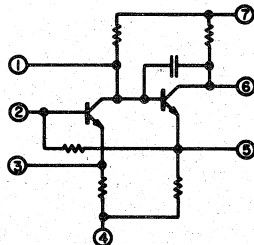


Package Outlines - See Page 1-297

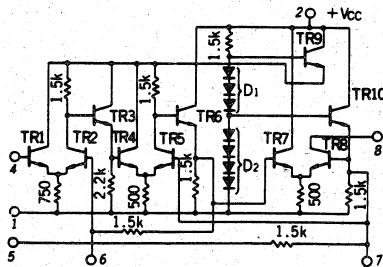
Linear IC and Module Circuits (cont'd)

ECG1000 7-Pin SIP See Fig. L30
Mod-Hybrid, Lo-Noise 12-Volt AF
Preamp

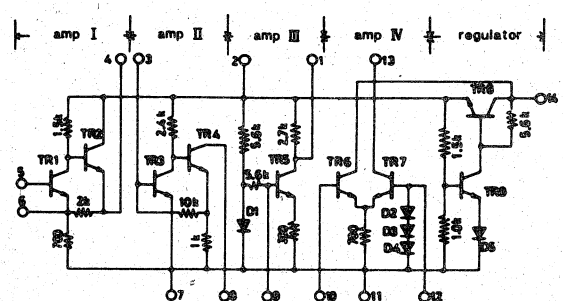
ECG1001
Mod-Hybrid, Lo-Noise 6-Volt AF
Preamp



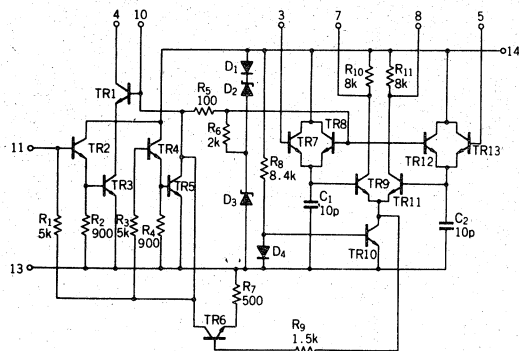
ECG1002 8-Pin Can See Fig. L3
FM/TV IF Amp



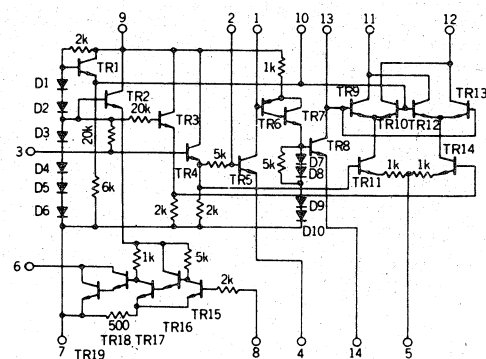
ECG1003 14-Pin DIP See Fig. L104
FM/AM IF Amp



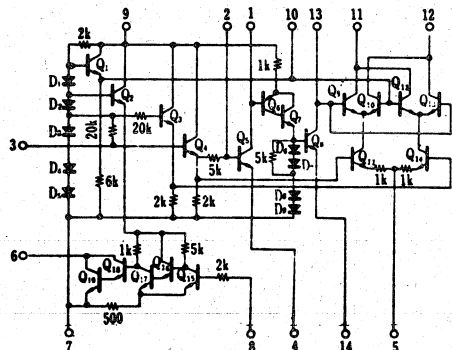
ECG1004 14-Pin DIP See Fig. L105
AFT System for TV



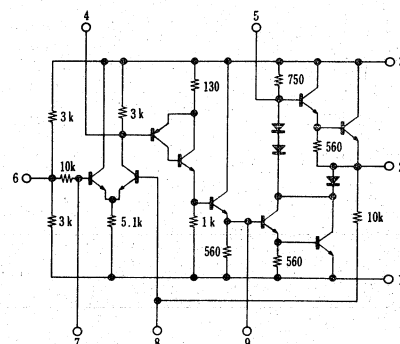
ECG1005 14-Pin DIP See Fig. L104
FM Stereo Demod



ECG1006 14-Pin DIP See Fig. L104
FM Stereo Demod



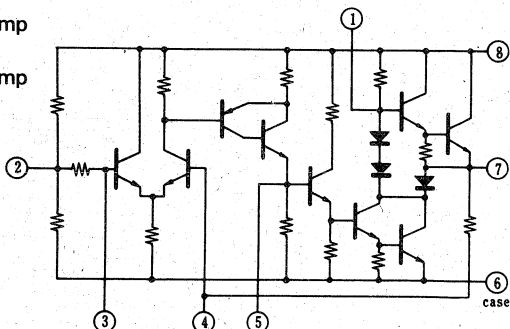
ECG1008 TO-3, 9-Pin See Fig. L13
1 W AF Amp



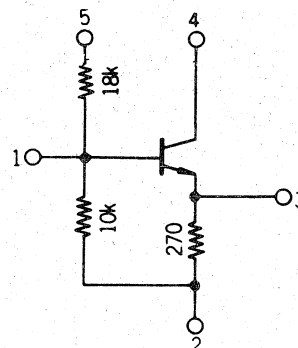
ECG1009 8-Pin DIP-W See Fig. L127
1 W AF Amp

ECG1010
2 W AF Amp

ECG1011
3 W AF Amp

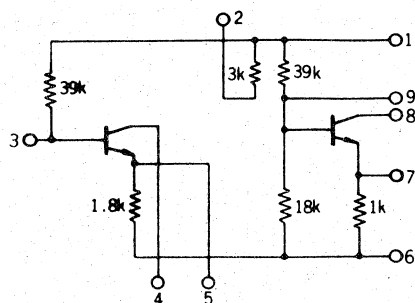


ECG1012 5-Pin SIP See Fig. L20
Mod-Hybrid, CB Osc/AM IF

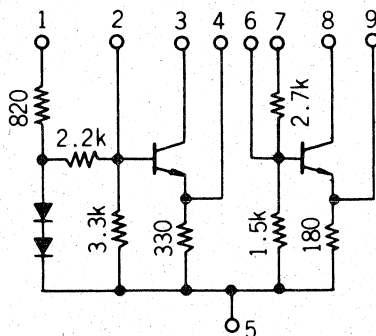


Linear IC and Module Circuits (cont'd)

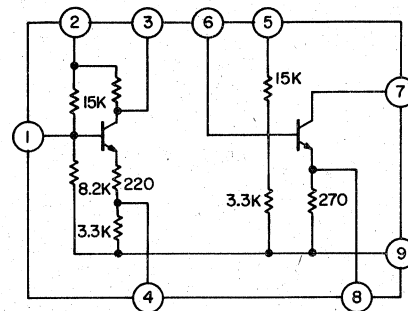
ECG1013 9-PIN ZIL See Fig. L37
Mod-Hybrid, AM IF Amp/AF Preamp



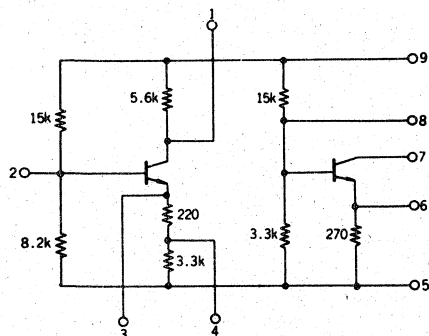
ECG1014 9-Pin ZIL See Fig. L38
Mod-Hybrid, RF Amp/Osc of FM Wireless Mic



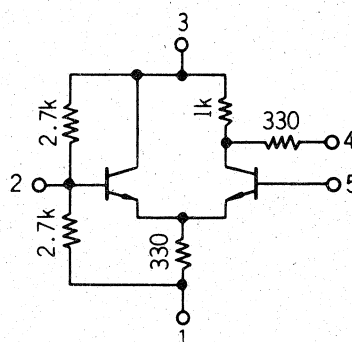
ECG1015 9-Pin ZIL See Fig. L37
Mod-Hybrid, Lo-Noise AF Preamp



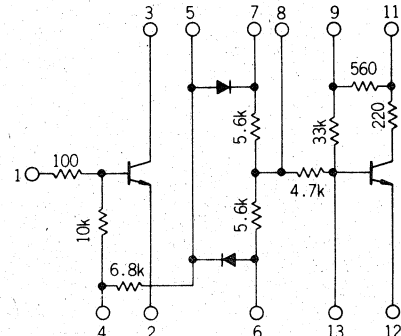
ECG1016 9-Pin ZIL See Fig. L37
Mod-Hybrid, AF Preamp



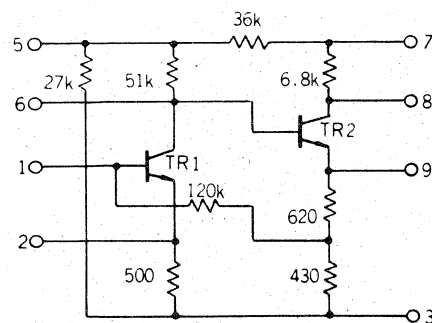
ECG1017 5-Pin ZIL See Fig. L21
Mod-Hybrid, AF Amp for Wireless Mic



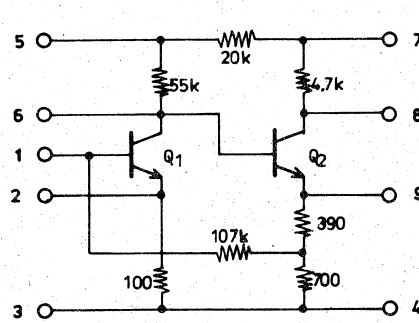
ECG1018 13-Pin ZIL See Fig. L44
Mod-Hybrid, Hor Osc/AFC



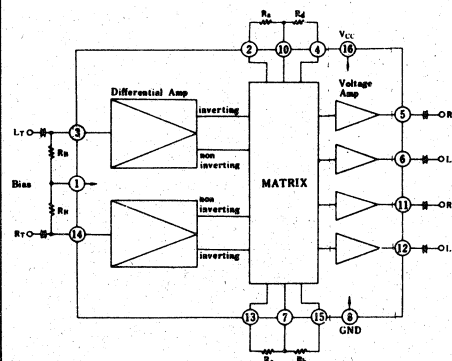
ECG1019 9-Pin ZIL See Fig. L37
Mod-Hybrid, Lo-Noise Audio Equalizing Amp



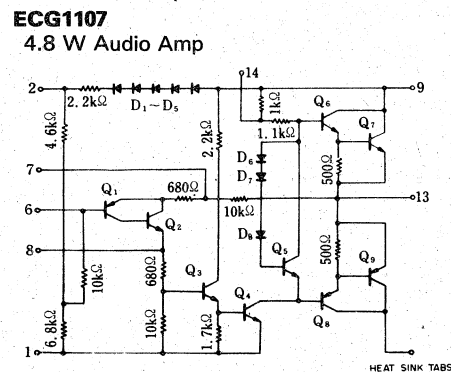
ECG1021 9-Pin ZIL See Fig. L37
Mod-Hybrid, Lo-Noise Audio Equalizing Amp



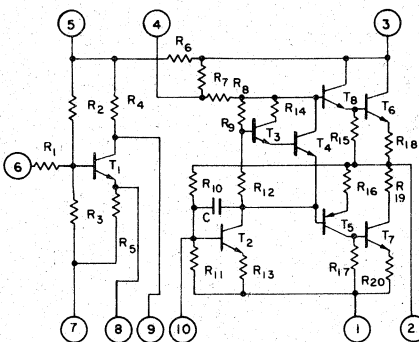
ECG1022 16-Pin ZIL See Fig. L112
4-Channel Stereo Matrix Decoder



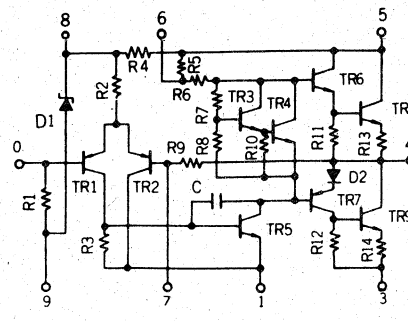
ECG1023 14-Pin DIP-W See Fig. L134
4 W Audio Amp



ECG1024 10-Pin SIP-M See Fig. L63
Mod-Hybrid, 8 W Audio Amp

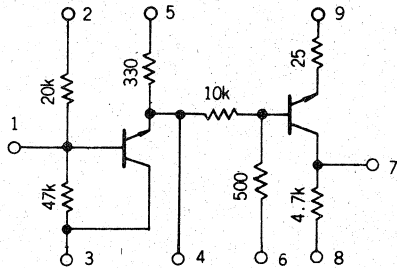


ECG1025 10-Pin SIP-M See Fig. L65
Mod-Audio 10 W Min Pwr Amp
ECG1139 Mod-Audio 13 W Min Pwr Amp

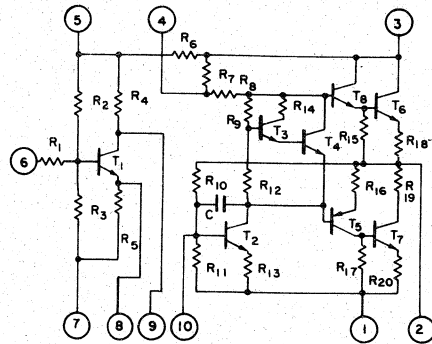


Linear IC and Module Circuits (cont'd)

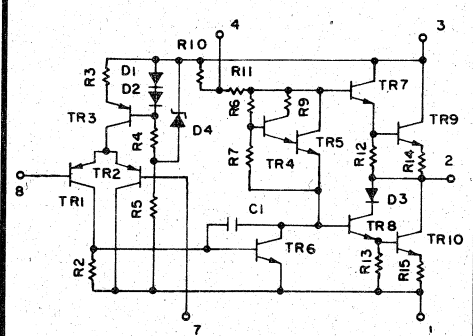
ECG1026 9-Pin ZIL See Fig. L37
Mod-Hybrid, Master Osc/Buffer for Organs



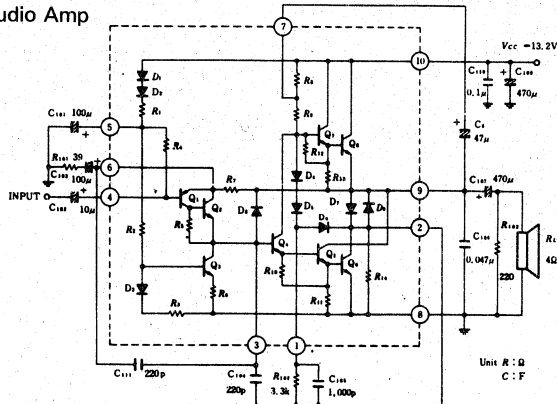
ECG1027 10-Pin SIP-M See Fig. L63
Mod-Hybrid, 13 W Audio Amp



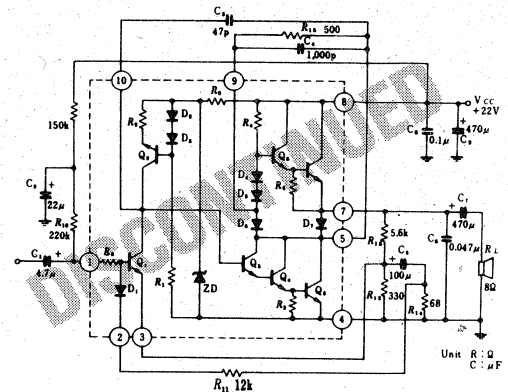
ECG1028 10-Pin SIP-M See Fig. L66
Mod-Hybrid, 20 W (Min) Audio Amp



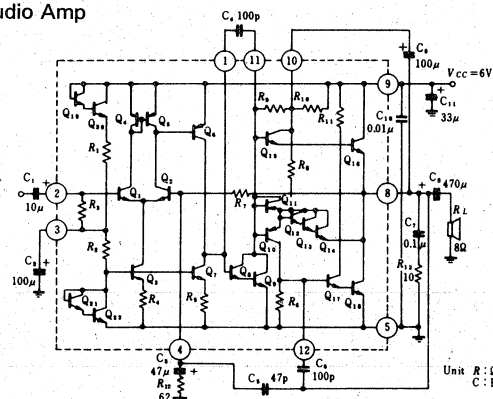
ECG1029 10 Pin DIP-HS See Fig. L155
ECG1038 See Fig. L156
3.5 W Audio Amp



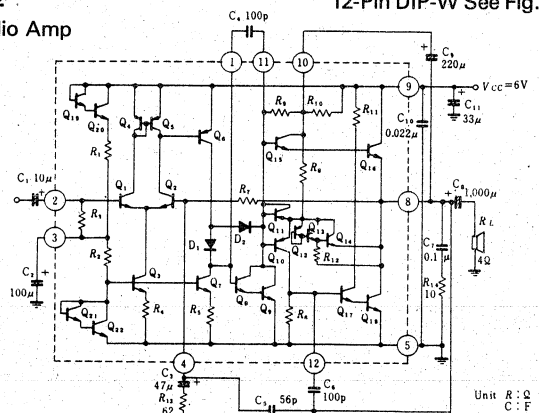
ECG1030 10-Pin DIP-HS See Fig. L155
5 W Audio Amp



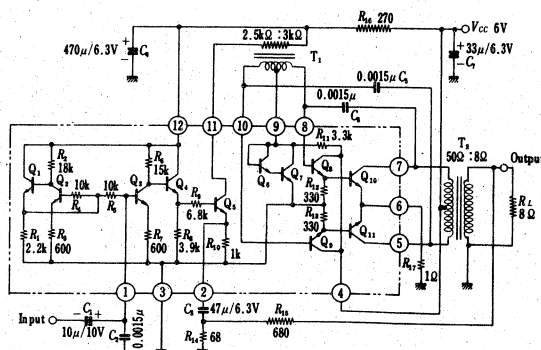
ECG1031 12-Pin DIP-W See Fig. L129
0.5 W Audio Amp



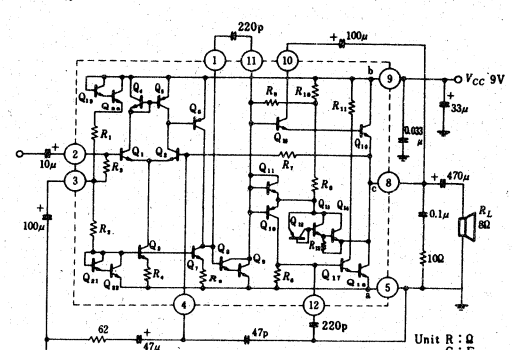
ECG1032 12-Pin DIP-W See Fig. L129
1 W Audio Amp



ECG1033 12-Pin DIP-W See Fig. L129
1 W Audio Amp



ECG1035 12-Pin DIP-W See Fig. L129
1 W Audio Amp

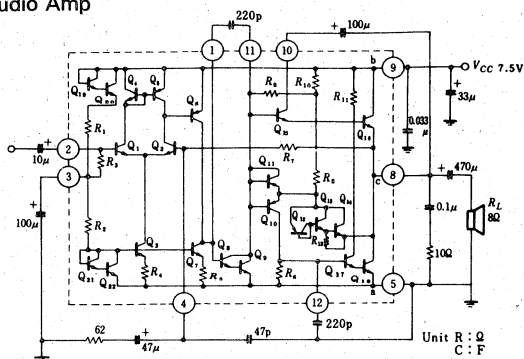


Linear IC and Module Circuits (cont'd)

ECG1036

12-Pin DIP-W See Fig. L129

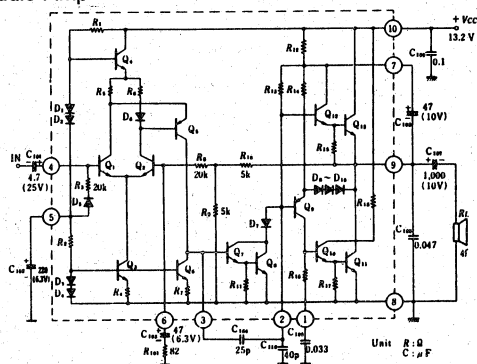
0.7 W Audio Amp



ECG1037

10-Pin DIP-HS See Fig. L155

5.5 W Audio Amp



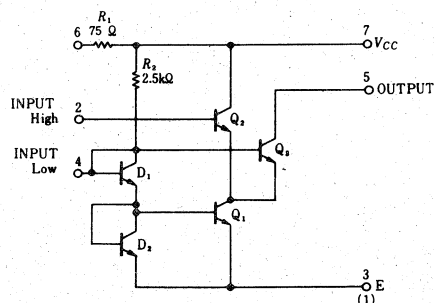
ECG1038

See ECG1029
Page 1-185

ECG1039

8-Pin DIP-HS See Fig. L155

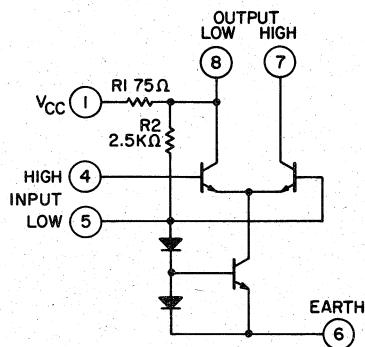
FM IF Amp



ECG1040

8-Pin SIP See Fig. L34

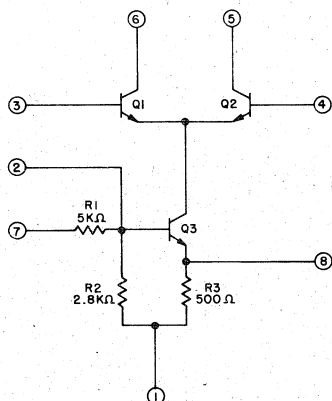
MOD-FM IF Amp



ECG1041

IF Amp

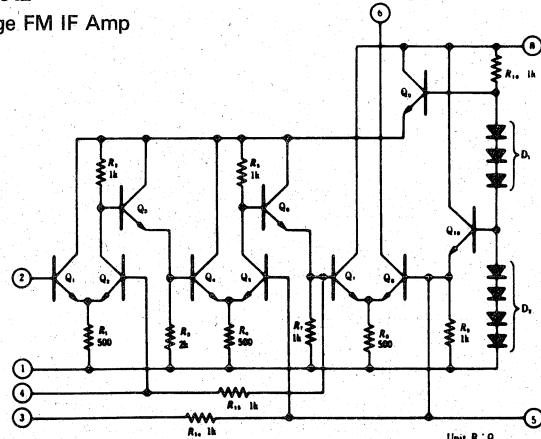
8-Pin DIP See Fig. L97



ECG1042

3 Stage FM IF Amp

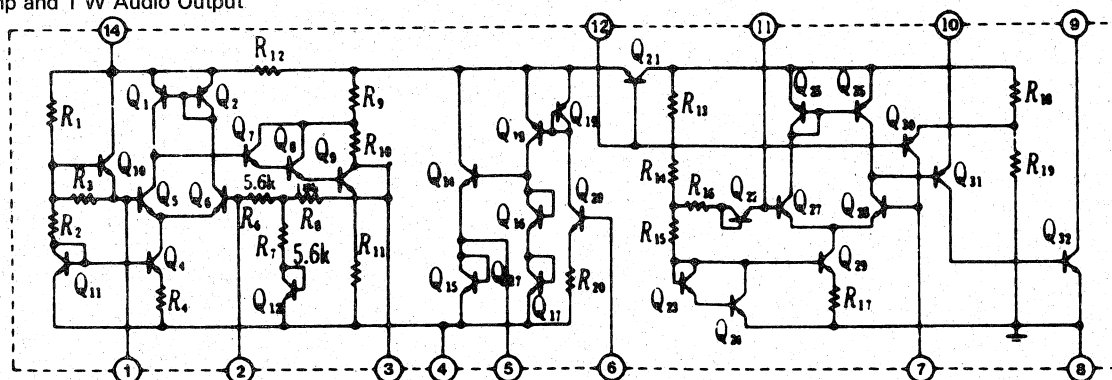
8-Pin DIP See Fig. L97



ECG1043

14-Pin DIP See Fig. L104

Audio Preamp and 1 W Audio Output

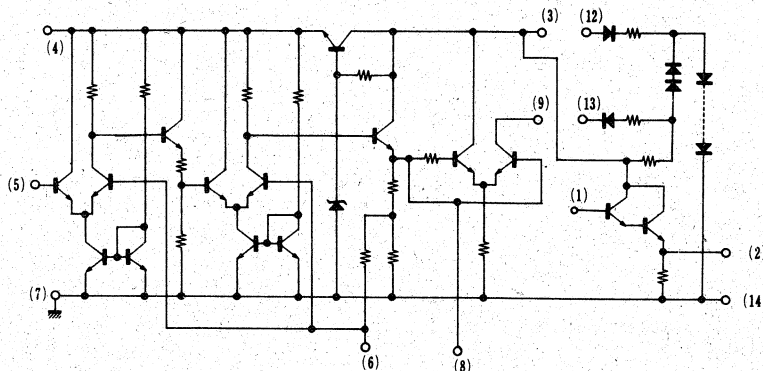


Linear IC and Module Circuits (cont'd)

ECG1045

FM/TV Sound IF Detector/Amp

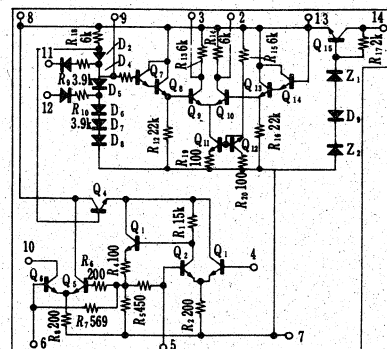
14-Pin DIP See Fig. L104



ECG1046

TV AFT

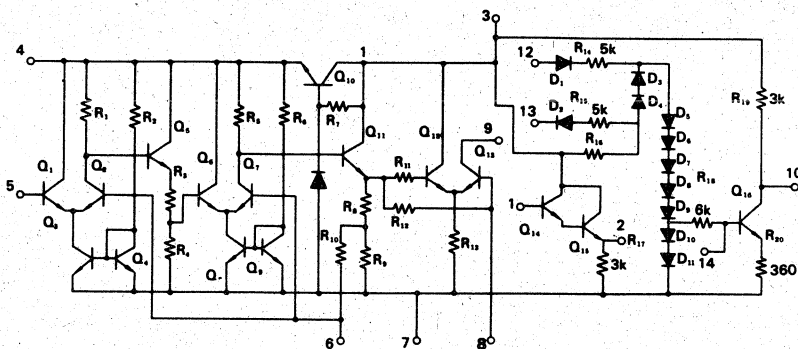
14-Pin DIP See Fig. L104



ECG1047

TV Sound IF/FM Det/AF Preamp

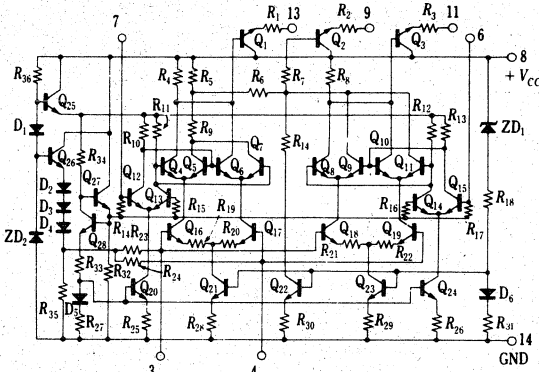
14-Pin DIP See Fig. L104



ECG1048

Chroma Demod

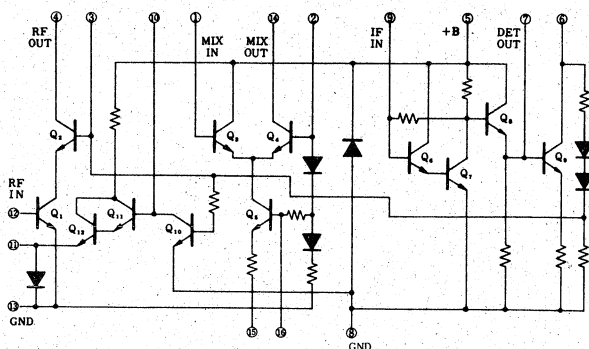
14-Pin DIP-ET See Fig. L145



ECG1049

AM Radio Tuner with RF Amp

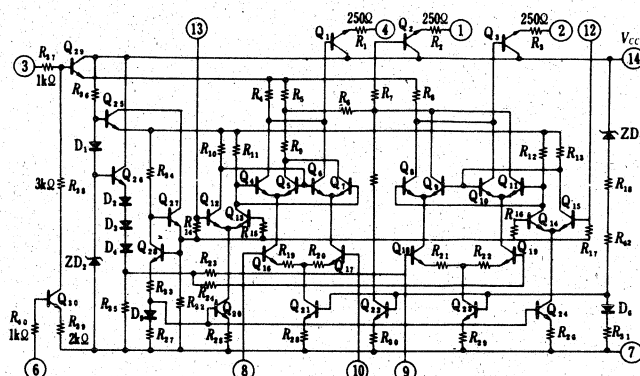
16-Pin DIP See Fig. L112



ECG1050

Chroma Demod

14-Pin DIP-ET See Fig. L145

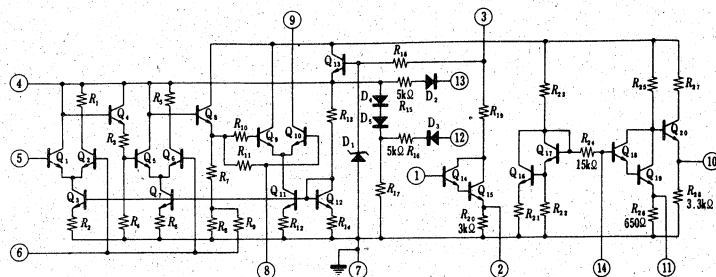


Linear IC and Module Circuits (cont'd)

ECG1051

TV Sound IF/FM Det/AF Preamp

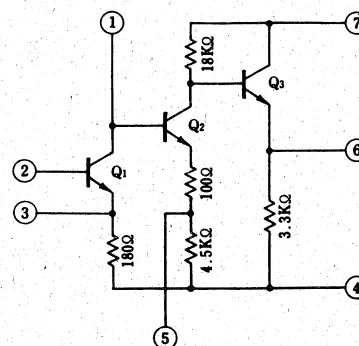
14-Pin DIP See Fig. L104



ECG1052

Mod-Lo-Noise Audio Preamp and Equalizer

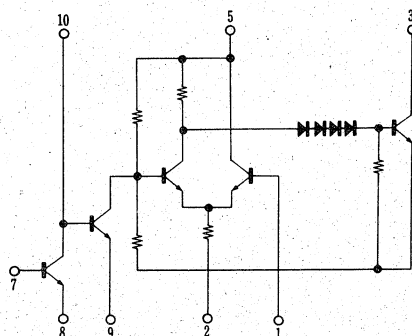
7-Pin SIP See Fig. L25



ECG1053

Lo-Noise/Hi-Gain Audio Preamp

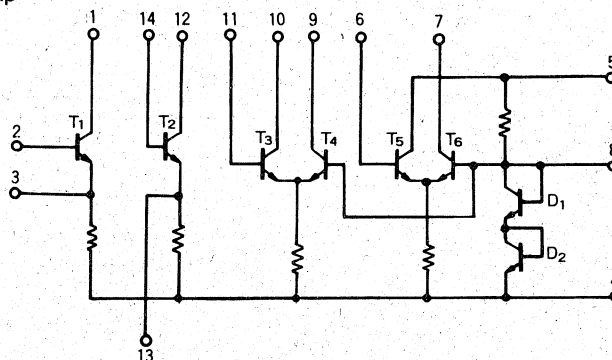
10-Pin Can See Fig. L8



ECG1054, ECG1055

AM/FM IF Amp

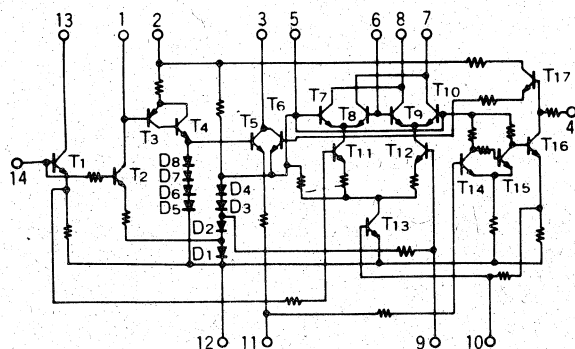
14-Pin DIP See Fig. L104



ECG1056

FM Stereo Demod

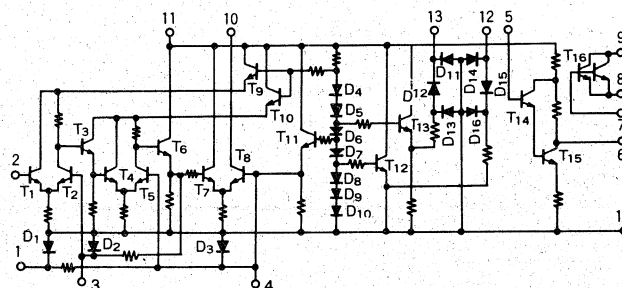
14-Pin DIP See Fig. L104



ECG1057

FM IF Amp/Det/AF Preamp

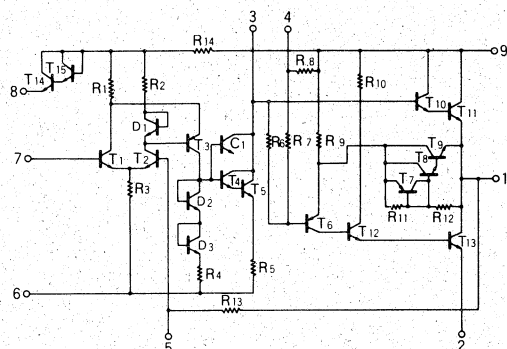
14-Pin DIP See Fig. L104



ECG1058

Audio Preamp and 4.4 W Pwr Amp

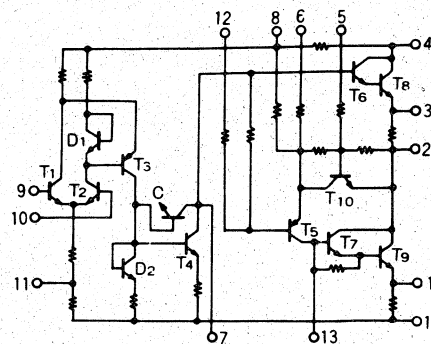
9-Pin SIP See Fig. L51



ECG1059

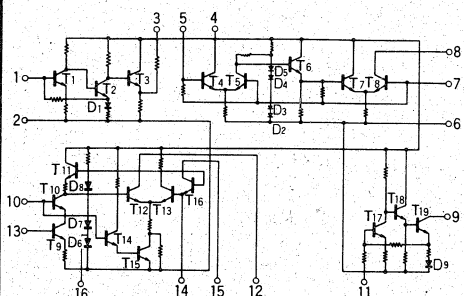
AF Pwr Driver

TO-3, 14-Pin See Fig. L15

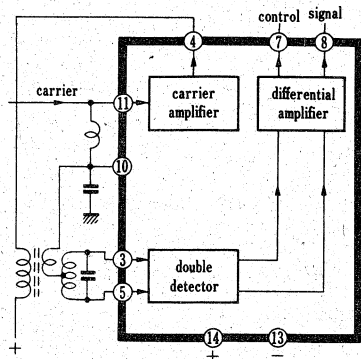


Linear IC and Module Circuits (cont'd)

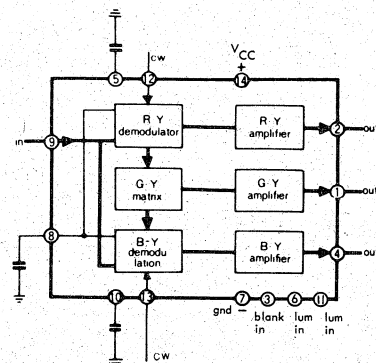
ECG1060 16-Pin DIP See Fig. L111
AM RF Amp/Mxr/Osc and AF/FM IF Amp



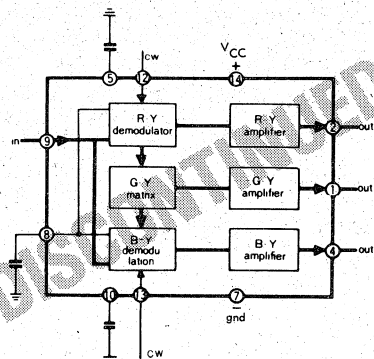
ECG1061 14-Pin DIP See Fig. L104
TV AFT



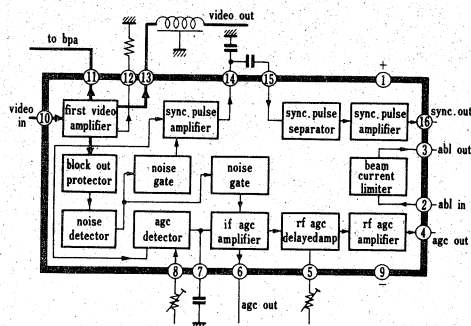
ECG1062 14-Pin DIP See Fig. L104
Chroma Demod



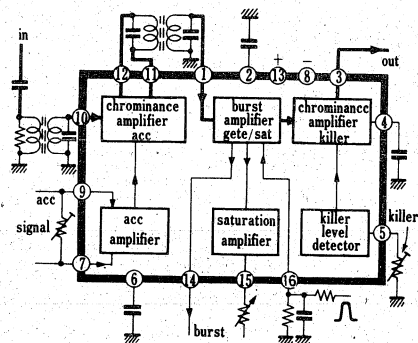
ECG1063 14-Pin DIP See Fig. L104
Chroma Demod



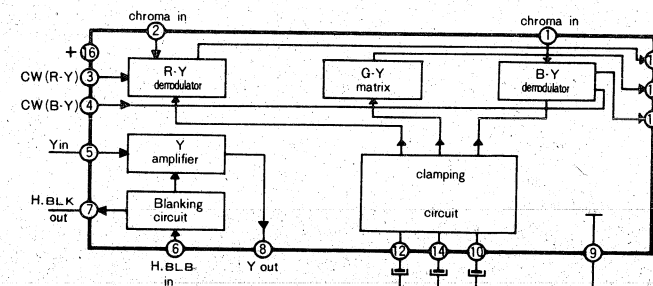
ECG1064, ECG1065, ECG1066, ECG1070 16-Pin DIP See Fig. L111
TV Vid Sig Processor



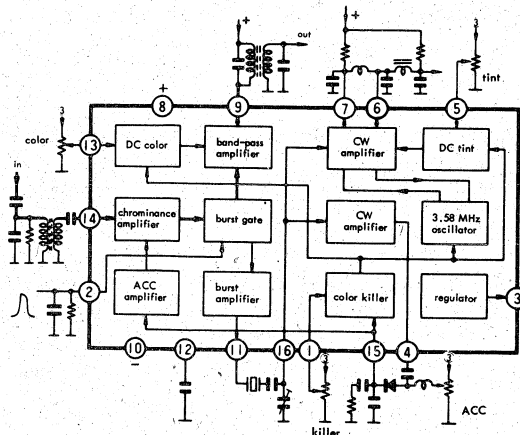
ECG1067 16-Pin DIP See Fig. L111
Chroma Sig Processor



ECG1068 16-Pin DIP See Fig. L111
Chroma Demod



ECG1069 16-Pin DIP See Fig. L112
Chroma Processor

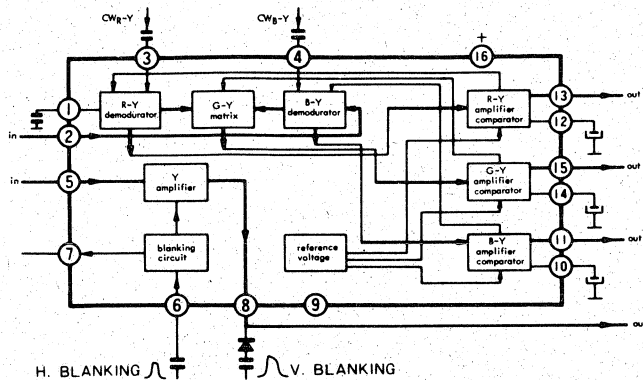


Linear IC and Module Circuits (cont'd)

ECG1071

16-Pin DIP See Fig. L111

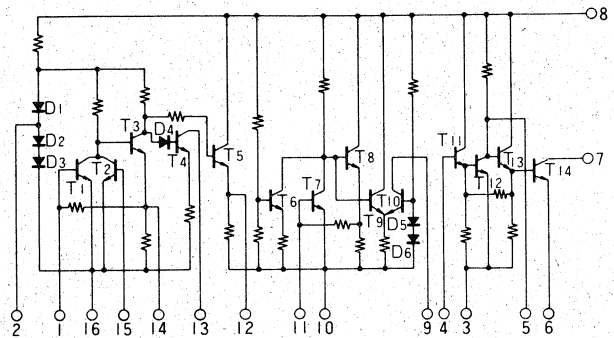
Chroma Demod



ECG1072

16-Pin DIP See Fig. L111

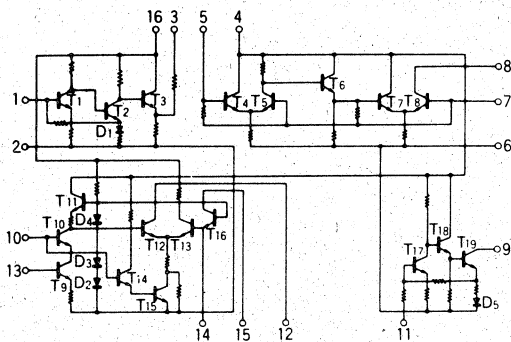
FM/AM IF Amp and AF Preamp



ECG1073

16-Pin Dip See Fig. L111

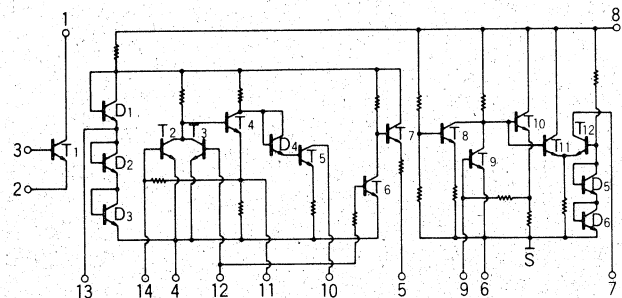
AM/RF Amp/Mxr/Osc and FM/AM IF Amp



ECG1074

14-Pin DIP See Fig. L104

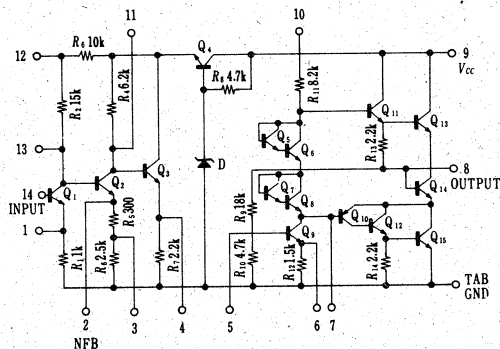
FM/AM IF Amp/AM/Mxr Osc and Tuning Master Dr



ECG1075A

14-Pin DIP-ET See Fig. L145

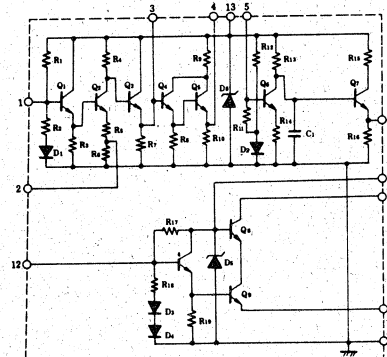
1.0 W Audio Amp



ECG1076

14-Pin DIP See Fig. L104

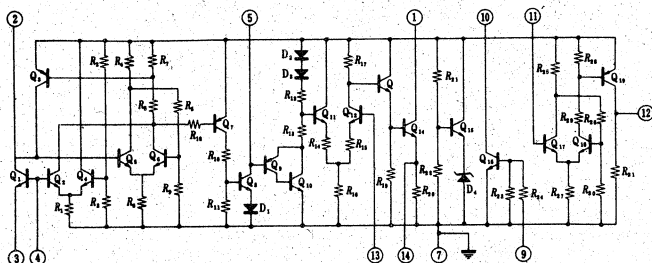
TV Vid IF, Output Detector, AFT, Take-Off Ckt



ECG1077

14-Pin DIP See Fig. L104

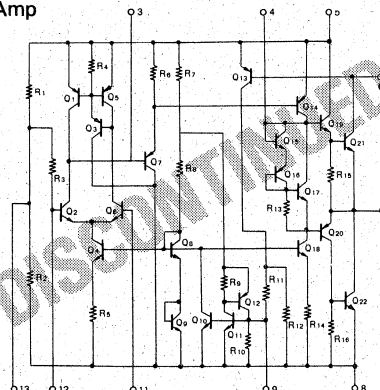
Vert Osc, AFC/Vert Dr



ECG1078

14-Pin DIP See Fig. L108

6.5 W Audio Amp

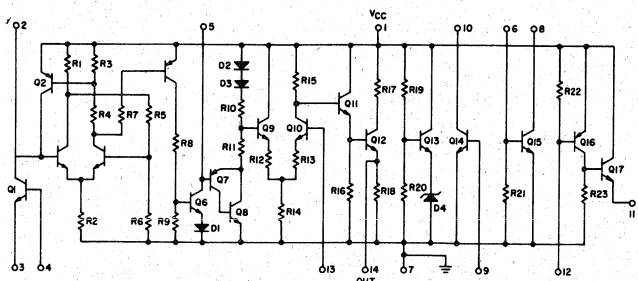


Linear IC and Module Circuits (cont'd)

ECG1079

Vert Osc/Dr

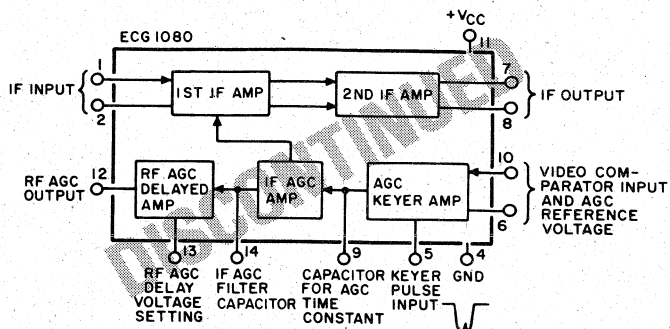
14-Pin DIP See Fig. L104



ECG1080

TV Video IF with Keyed AGC

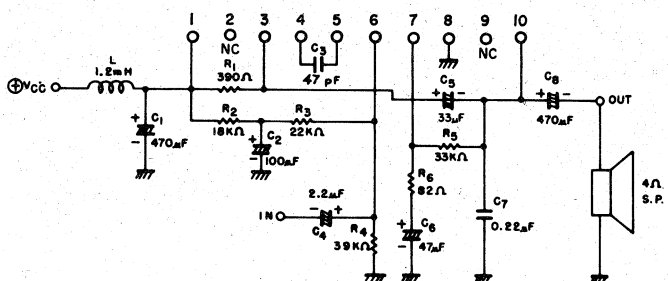
14-Pin DIP See Fig. L104



ECG1081A

4.8 W Audio Amp

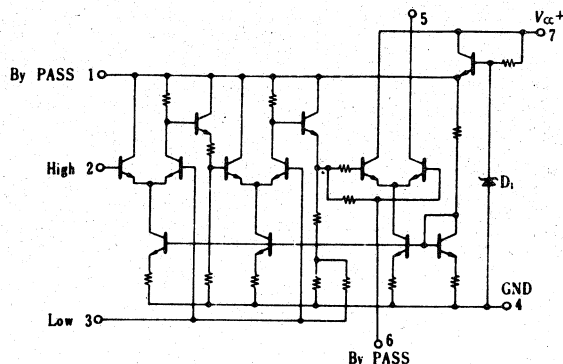
10-Pin SIP-HS See Fig. L90



ECG1082

Mod-AF Equalizer and Preamp

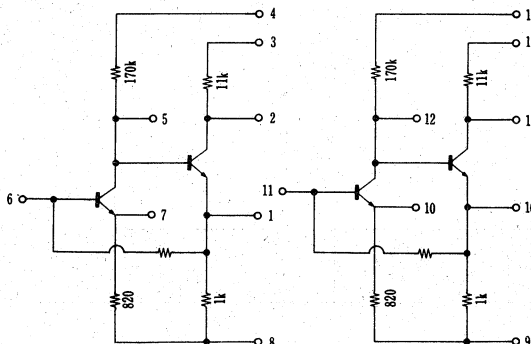
7-Pin SIP See Fig. L25



ECG1083

Mod-Hybrid, Dual Hi-Gain Audio Preamp

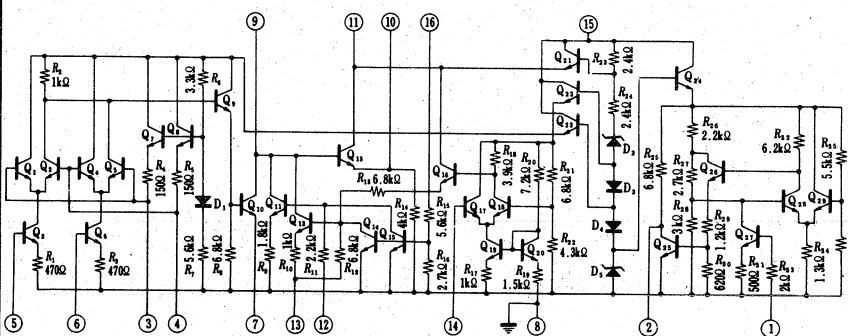
16-Pin (Dual 8) See Fig. L110



ECG1084

Vid Output, ARC, Brightness Lim, DC Contrast Control

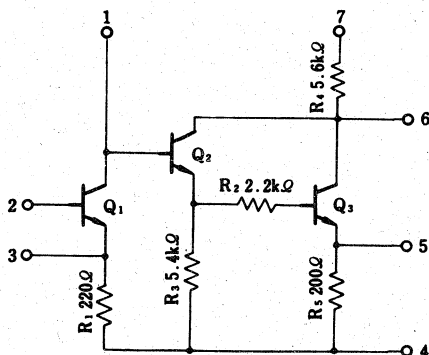
16-Pin DIP See Fig. L112



ECG1085

Lo-Noise Audio Preamp

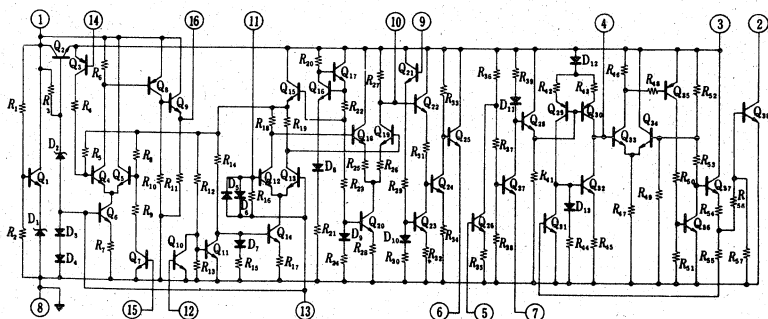
7-Pin SIP See Fig. L24



ECG1086

TV Sync Sep/Hor Osc/AFC

16-Pin DIP See Fig. L112

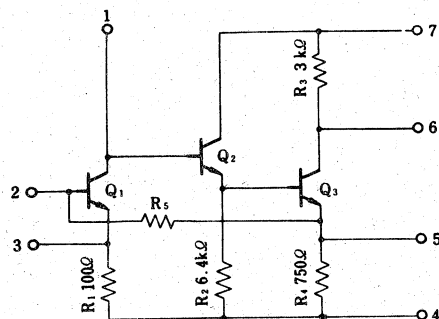


Linear IC and Module Circuits (cont'd)

ECG1087

7-Pin SIP See Fig. L24

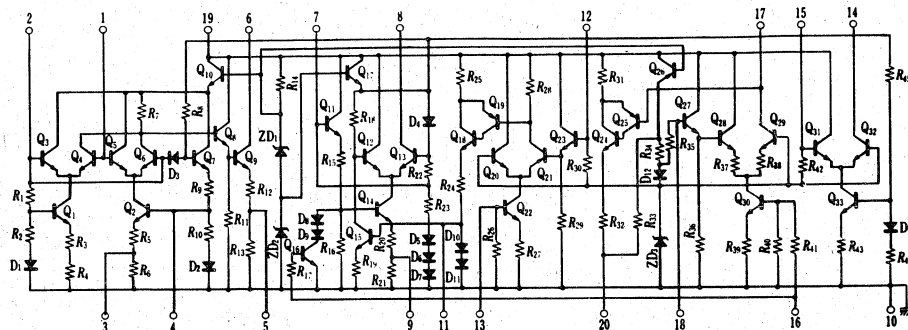
Mod-Gen Purp Lo-Noise/Hi-Gain Audio
Preamp



ECG1089

20-Pin DIP See Fig. L118

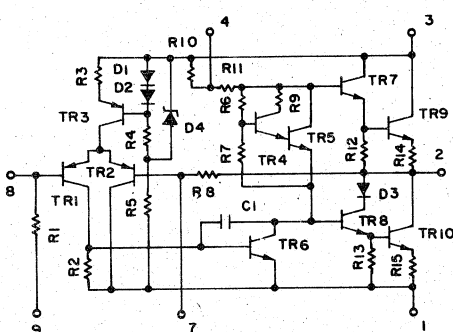
Chroma Sig Processor



ECG1090

10-Pin SIP-M See Fig. L66

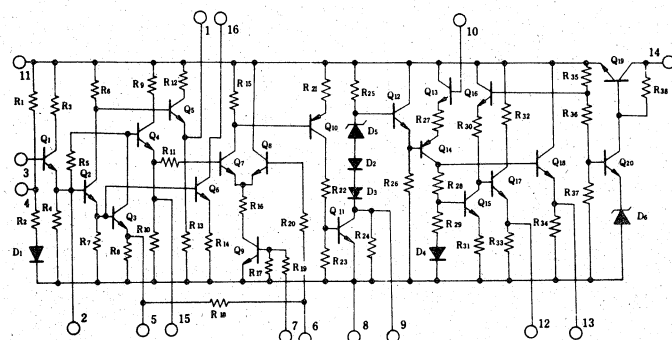
Mod-Hybrid, 25 W Audio Amp



ECG1091

16-Pin DIP See Fig. L112

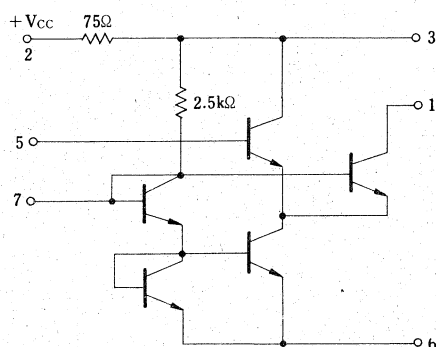
1st Vid Amp/Inv, AGC Gate/Amp, Color Take-Off



ECG1092

7-Pin SIP See Fig. L25

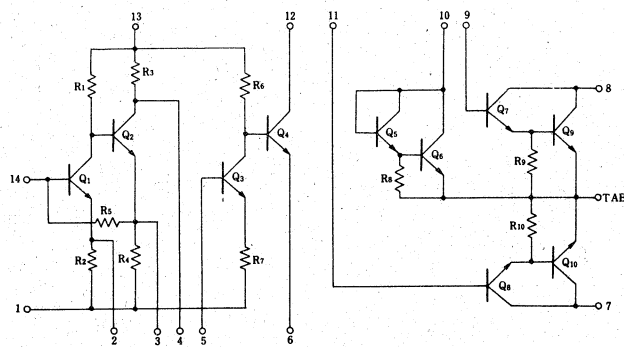
Mod-RF/IF Amp to 150 MHz



ECG1093

14-Pin DIP-ET See Fig. L145

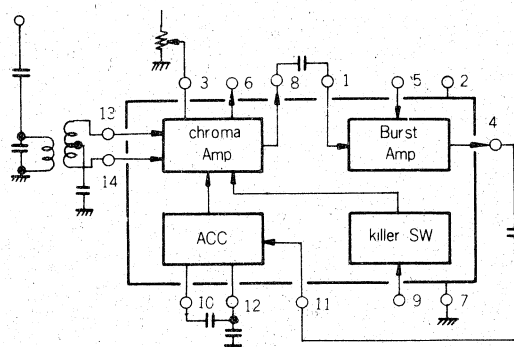
Audio Preamp/1 W Pwr Output



ECG1094

14-Pin DIP See Fig. L104

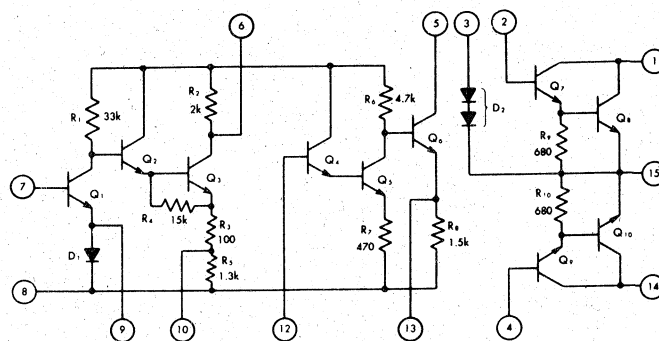
TV Chroma Amp



ECG1095

14-Pin DIP-ET See Fig. L143

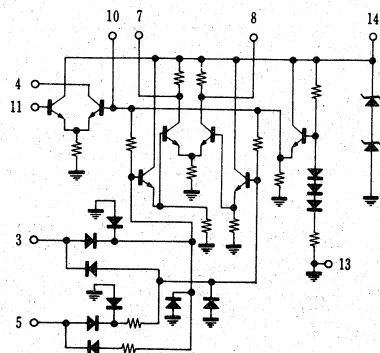
Audio Preamp/Dr/1 W Pwr Output



Linear IC and Module Circuits (cont'd)

ECG1096
TV AFT

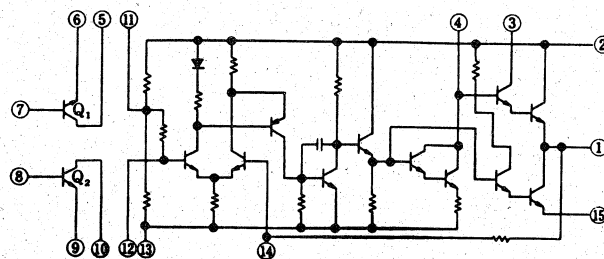
14-Pin DIP-ET See Fig. L143



ECG1097

1 W Audio Amp Plus 2 Transistors

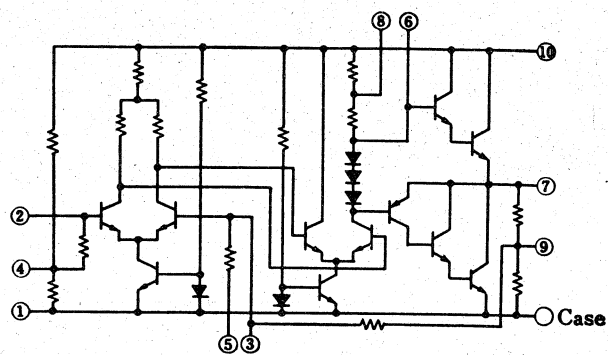
14-Pin DIP-ET See Fig. L143



ECG1098

5 W Audio Amp

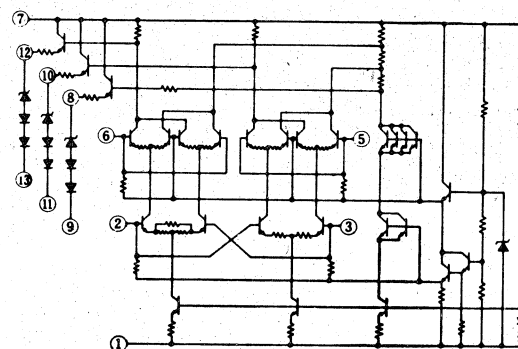
TO-3, 10-Pin See Fig. L14



ECG1099

Chroma Demod

14-Pin DIP See Fig. L104

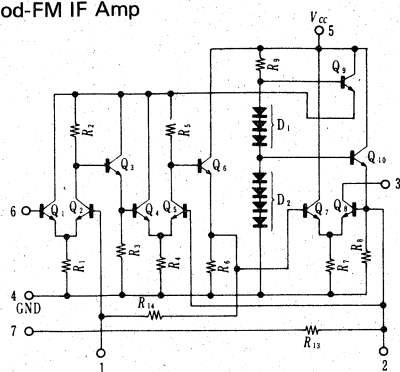


Package Outlines - See Page 1-297

Linear IC and Module Circuits (cont'd)

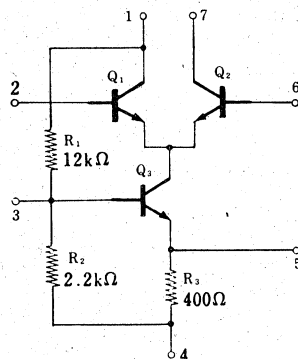
ECG1100
Mod-FM IF Amp

7-Pin SIP See Fig. L24



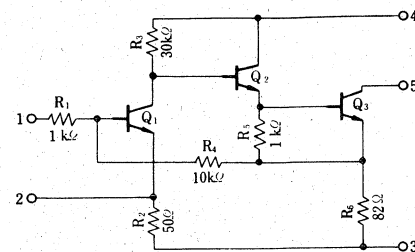
ECG1101
Mod-Gen Purp Amp, DC to 100 MHz

7-Pin SIP See Fig. L24



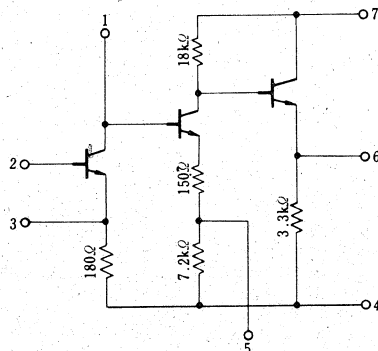
ECG1102
Mod-3 Stage Audio Amp/Dr

5-Pin SIP See Fig. L23



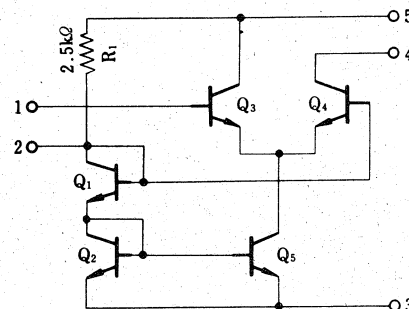
ECG1103
Mod-Gen Purp Audio Preamp/Voltage Amp

7-Pin SIP See Fig. L24



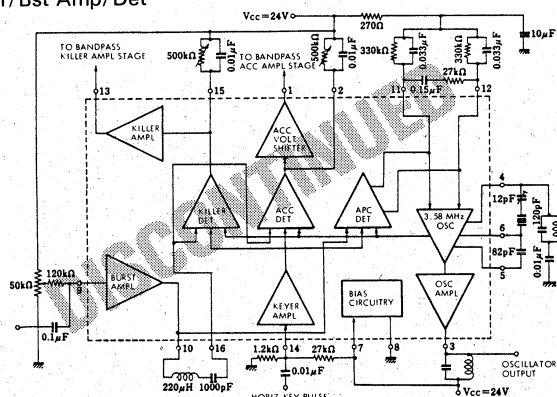
ECG1104
Mod-Hi-Freq Amp to 100 MHz

5-Pin SIP See Fig. L23



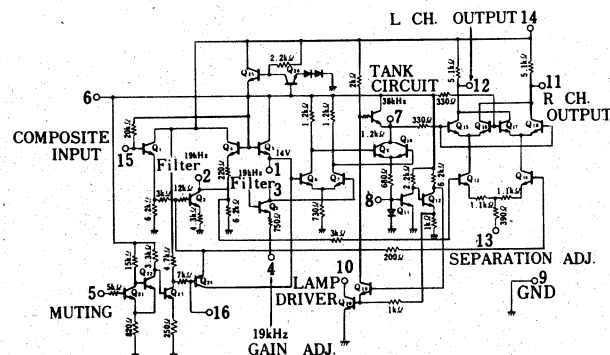
ECG1105
Subcarrier Regen/APC/
Killer/Bst Amp/Det

16-Pin DIP See Fig. L112



ECG1106
FM Stereo Demod

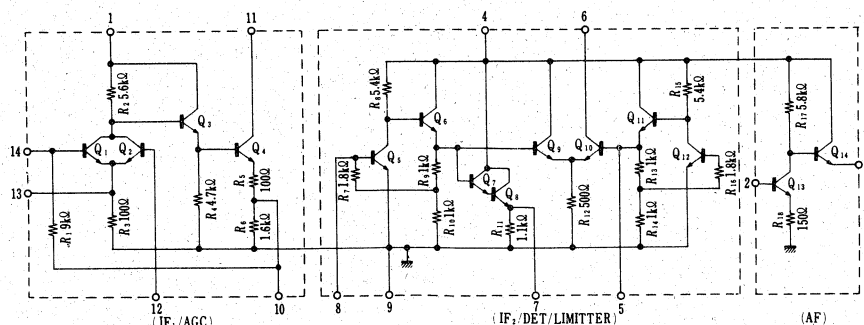
16-Pin DIP See Fig. L112



ECG1107
See ECG1023
Page 1-184

ECG1108
AM/FM IF Amp/Det/AF Amp

14-Pin DIP See Fig. L104

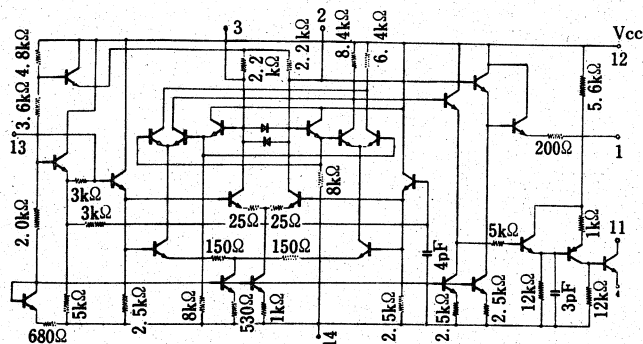


Linear IC and Module Circuits (cont'd)

ECG1109

Lo-Level Vid Det

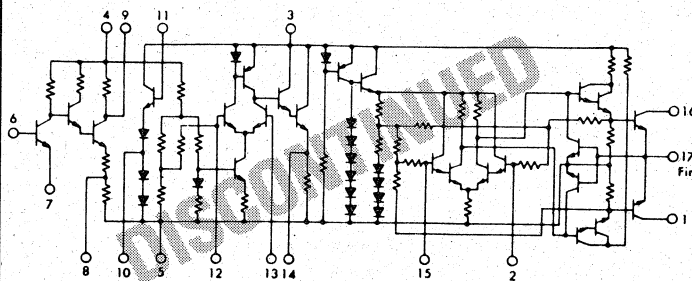
14-Pin DIP See Fig. L105



ECG1110

Audio Preamp/Tone Amp/2 W Pwr Output

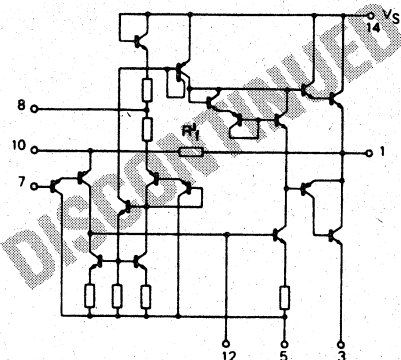
16-Pin DIP-ET See Fig. L149



ECG1111

4 W Audio Amp

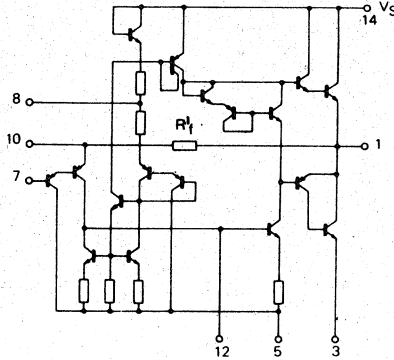
14-Pin DIP-Q-HS See Fig. L157



ECG1112

2.2 W Audio Amp

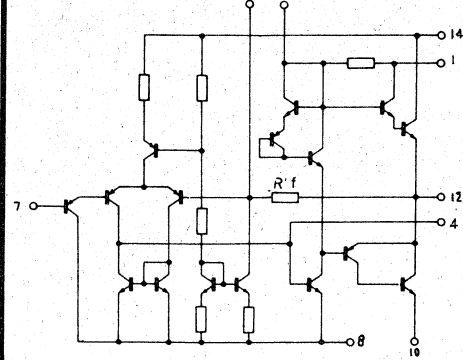
14-Pin DIP See Fig. L104



ECG1113

2.1 W Audio Amp

14-Pin DIP-Q See Fig. L107



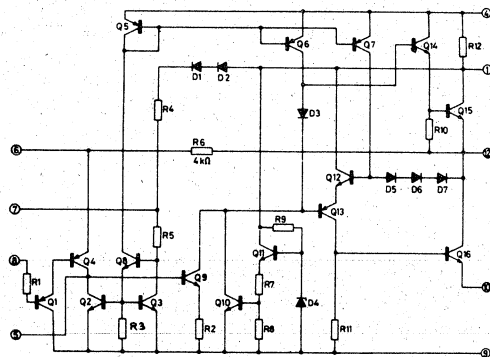
ECG1115

ECG1115A

7 W Audio Amp

12-Pin DIP-W See Fig. L130

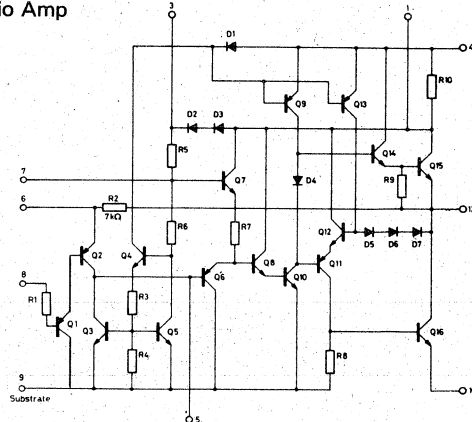
12-Pin DIP-QW See Fig. L131



ECG1116

5 W Audio Amp

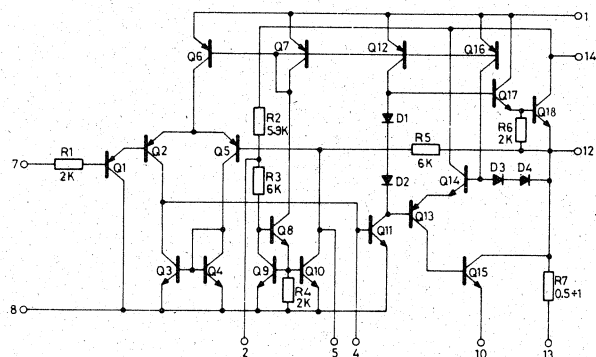
12-Pin DIP-QW See Fig. L131



ECG1117

2 W Audio Amp

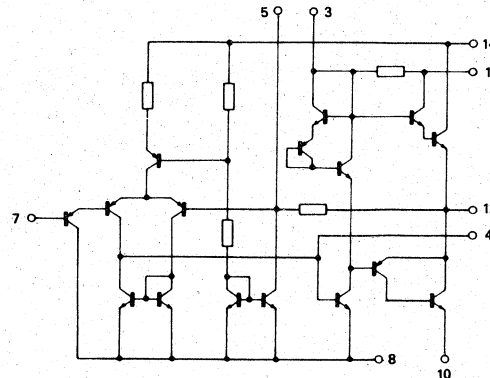
14-Pin DIP-Q See Fig. L107



ECG1118

3.3 W Audio Amp

14-Pin DIP-Q-HS See Fig. L157

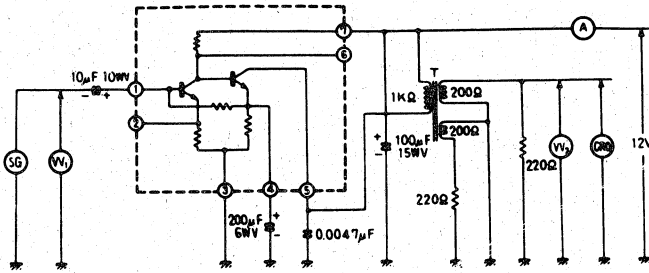


Linear IC and Module Circuits (cont'd)

ECG1119

Mod-Hybrid, 2-Stage Audio Amp/Dr

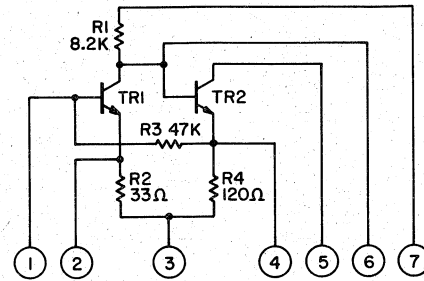
7-Pin SIP See Fig. L30



ECG1120

Mod-Hybrid, Audio Dr

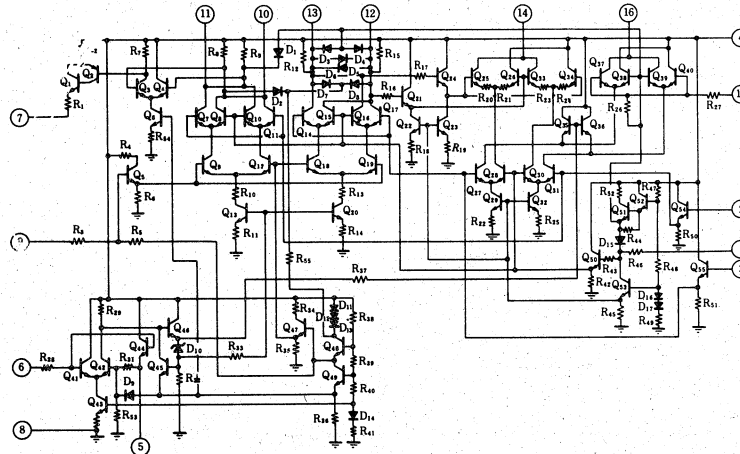
7-Pin SIP See Fig. L30



ECG1121

Chroma Sync System

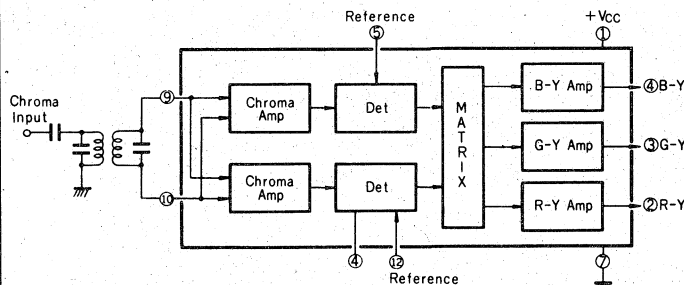
16-Pin DIP See Fig. L111



ECG1122

Chroma Demod

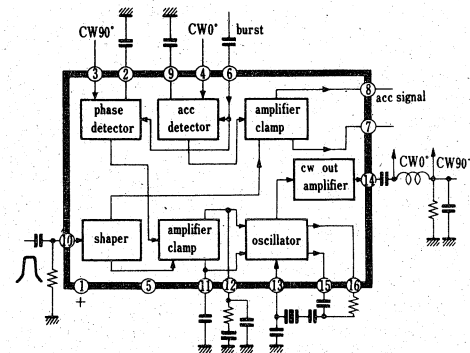
14-Pin DIP See Fig. L104



ECG1123

TV Subcarrier Generator

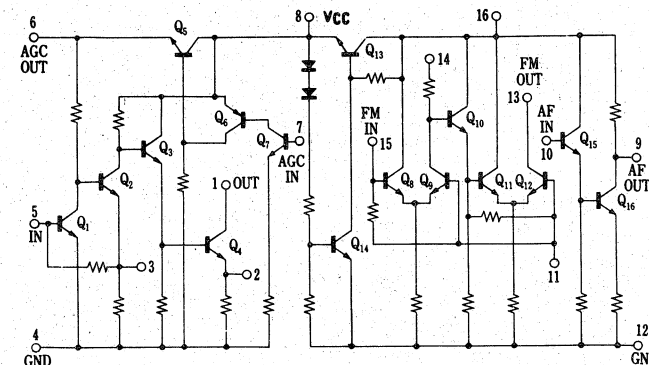
16-Pin DIP See Fig. L111



ECG1124

AM/FM IF Amp

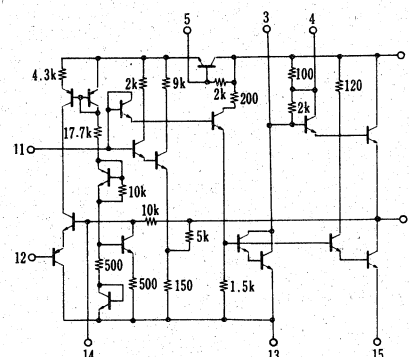
16-Pin DIP See Fig. L112



ECG1126

1 W Audio Amp

14-Pin DIP-ET See Fig. L143

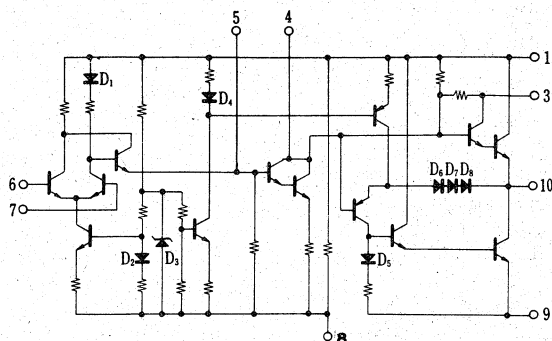


Linear IC and Module Circuits (cont'd)

ECG1127

4.5 W Audio Amp

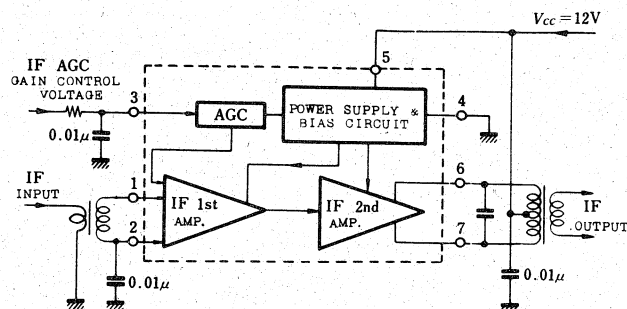
10-Pin SIP-HS See Fig. L90



ECG1128

TV Vid IF

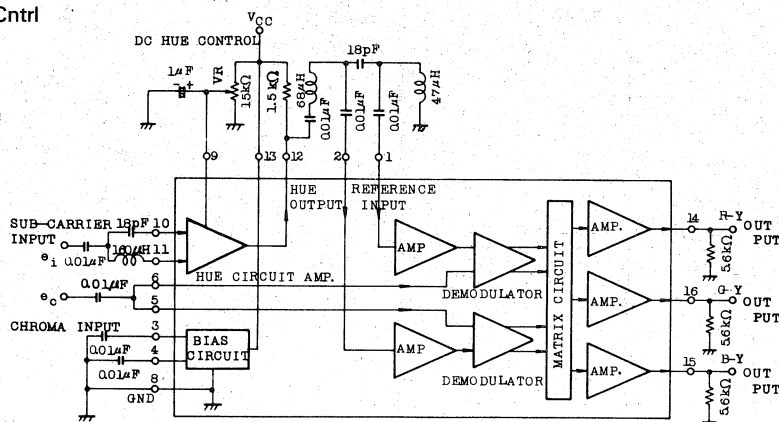
7-Pin SIP See Fig. L24



ECG1130

Chroma Demod/Matrix Hue Cntrl

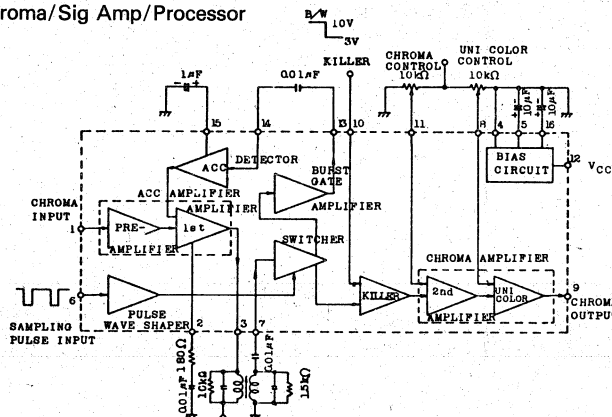
16-Pin DIP See Fig. L112



ECG1131

Chroma/Sig Amp/Processor

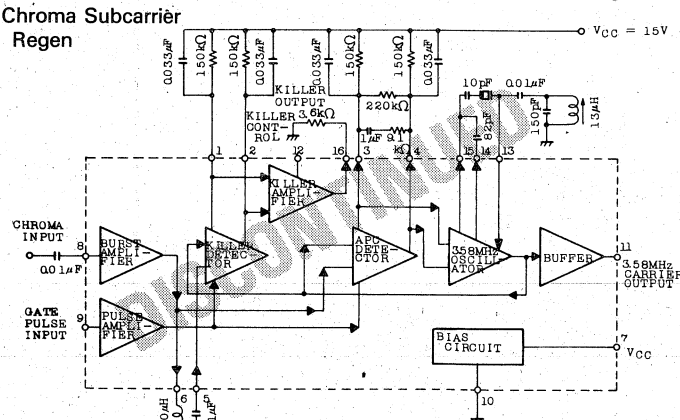
16-Pin DIP See Fig. L112



ECG1132

Chroma Subcarrier Regen

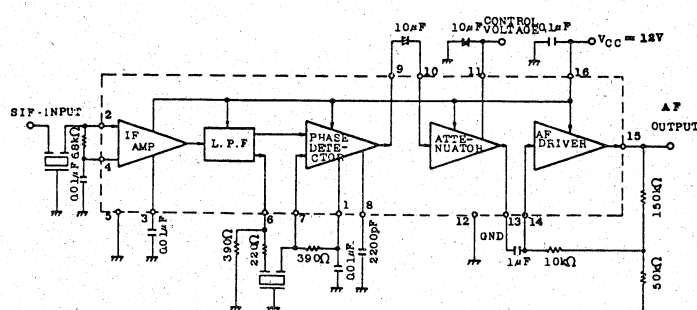
16-Pin DIP See Fig. L112



ECG1133

TV Sound IF/Det

16-Pin DIP See Fig. L112

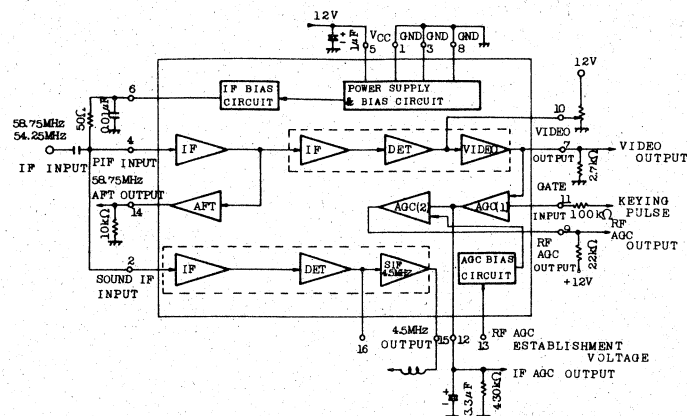


Linear IC and Module Circuits (cont'd)

ECG1134

TV Vid Processor

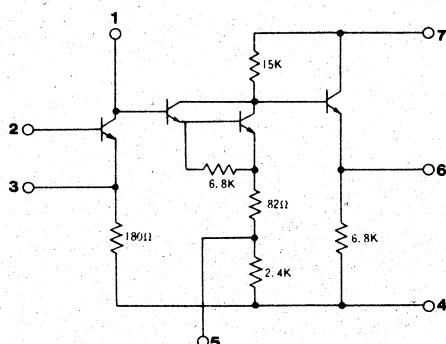
16-Pin DIP See Fig. L112



ECG1135

Hi-Gain Audio Preamp

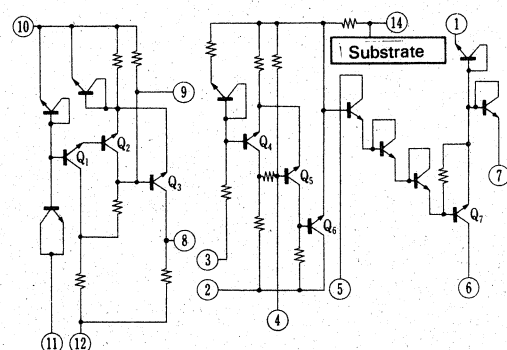
7-Pin SIP See Fig. L26



ECG1136

Battery Protect Ckt

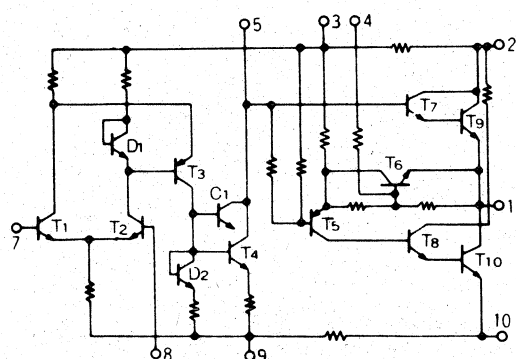
14-Pin DIP See Fig. L104



ECG1137

1.3 W Audio Amp

10-Pin Can See Fig. L8



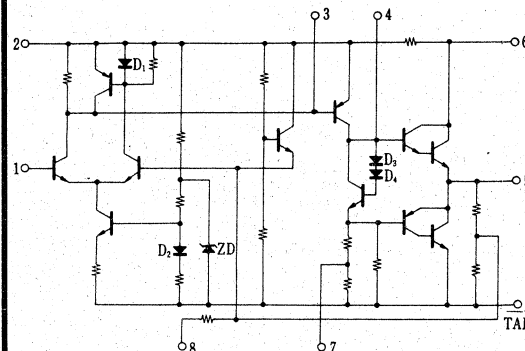
ECG1139

See ECG1025
Page 1-184

ECG1140

2.0 W Audio Amp

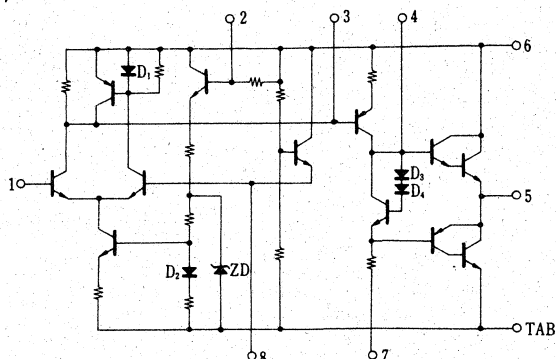
8-Pin DIP-ET See Fig. L137



ECG1141

AF PO, 1.5 W

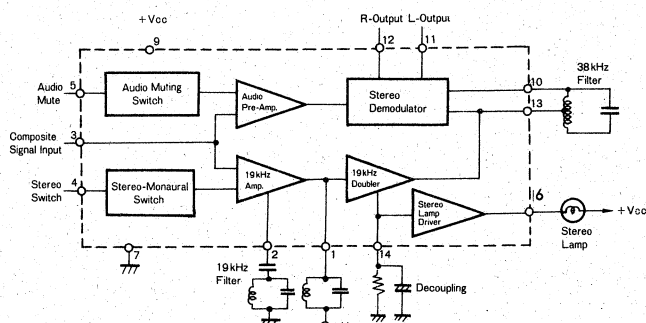
8-Pin DIP-ET See Fig. L137



ECG1142

FM Multiplex Stereo Demodulator

14-Pin DIP See Fig. L104

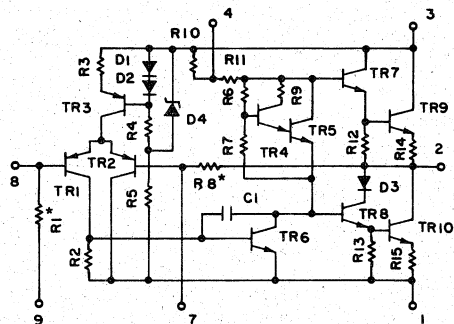


Linear IC and Module Circuits (cont'd)

ECG1148

Mod-AF PO, 50 W

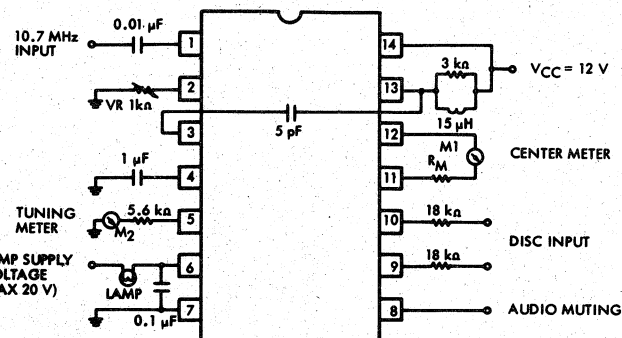
10-Pin SIP-M See Fig. L66



ECG1149

FM Tuning System and Indicator

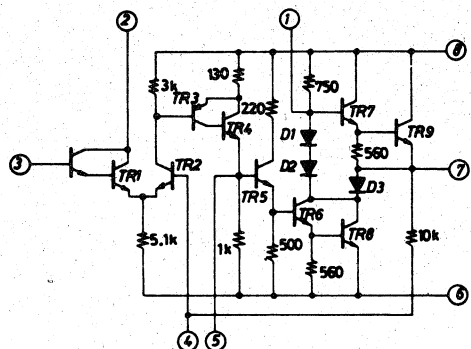
14-Pin DIP See Fig. L105



ECG1150

AF PO, 2.5 W

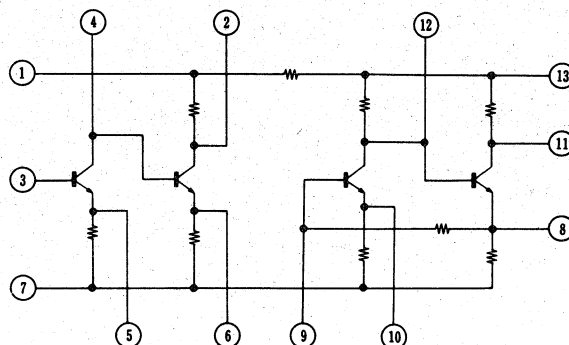
8-Pin DIP-W See Fig. L127



ECG1152

Mod-AF Preamp, High Gain

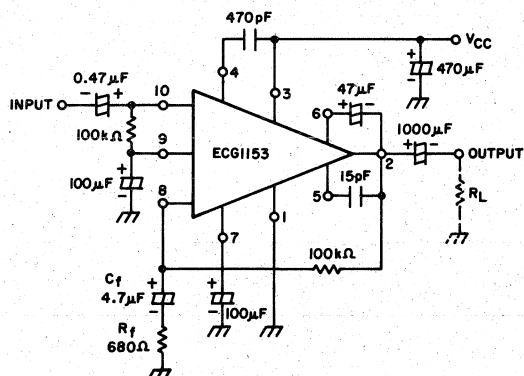
13-Pin ZIL See Fig. L44



ECG1153

AF PO, 4.2 W

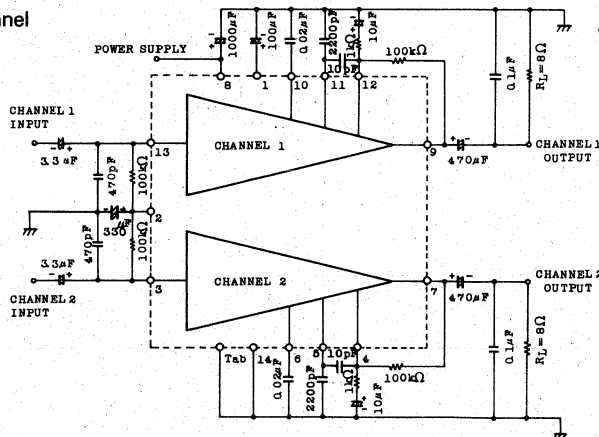
10-Pin SIP-HS See Fig. L85



ECG1154

AF PO, 2-Channel
2 W/Channel

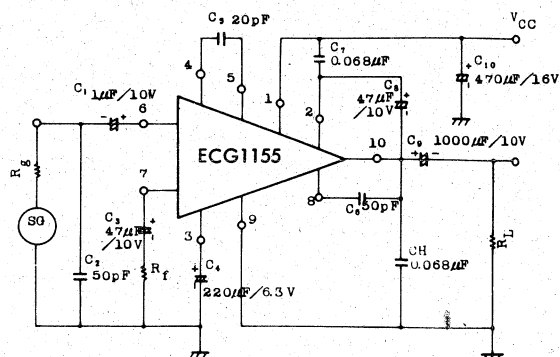
14-Pin DIP-W See Fig. L133



ECG1155

AF PO, 5.8 W

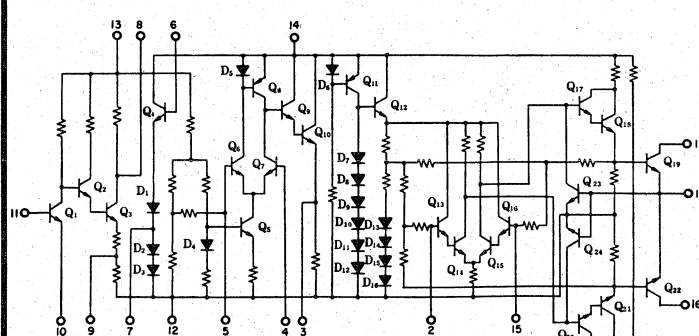
10-Pin SIP-HS See Fig. L85



ECG1156

AF PO, 2 W

16-Pin DIP-ET See Fig. L150

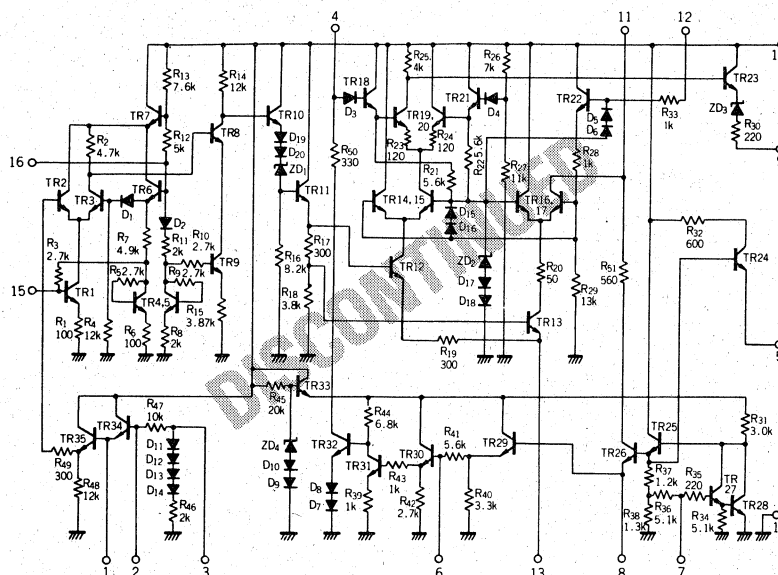


Linear IC and Module Circuits (cont'd)

ECG1158

Chroma Processor

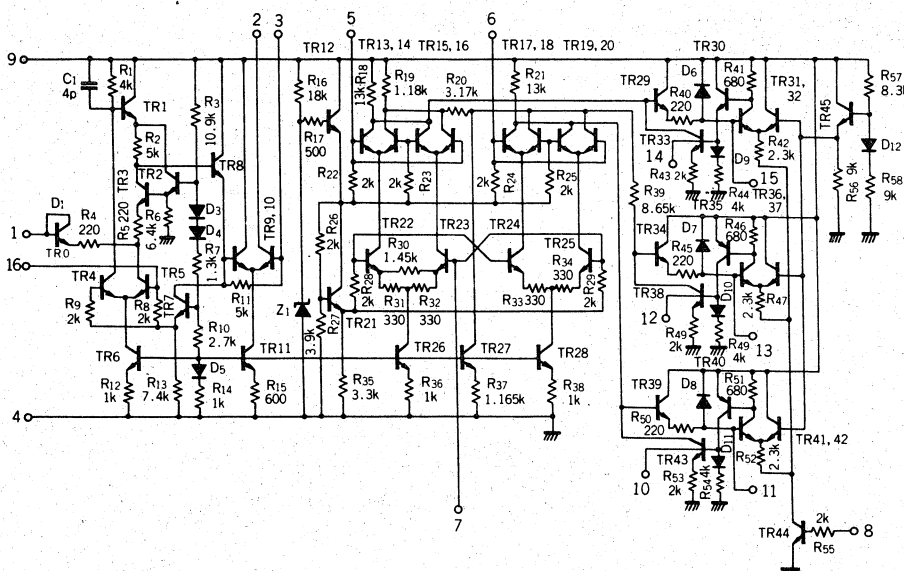
16-Pin DIP See Fig. L111



ECG1159

Color Demodulator

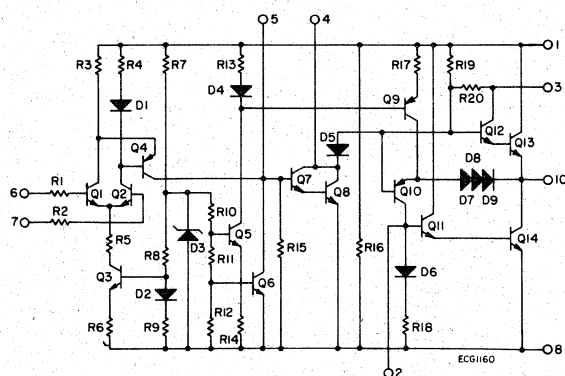
16-Pin DIP See Fig. L111



ECG1160

AF PO, 5.2 W

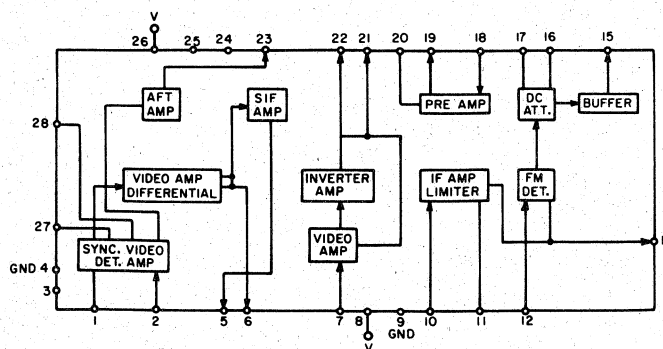
10-Pin SIP-HS See Fig. L90



ECG1161

Video and Sound IF Combination

28-Pin DIP See Fig. L124

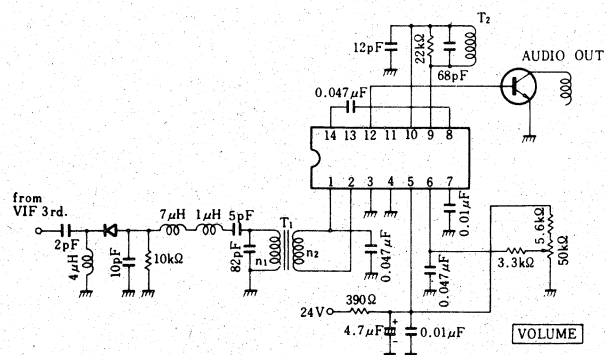


Linear IC and Module Circuits (cont'd)

ECG1162

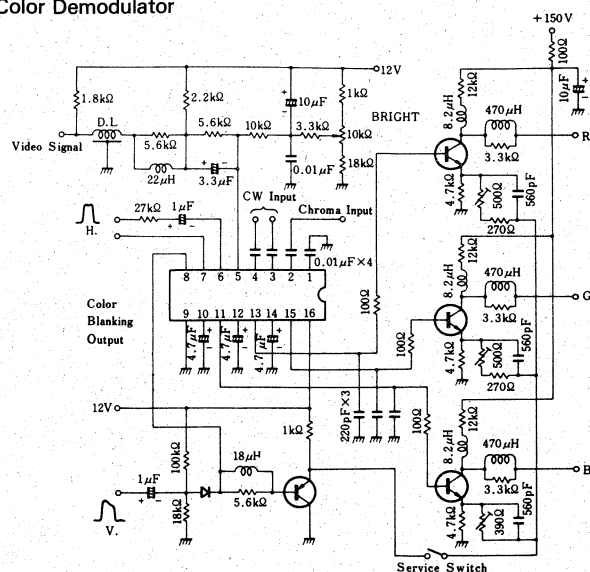
IF, Detector and Audio Preamp

14-Pin DIP See Fig. L104

**ECG1163**

TV Color Demodulator

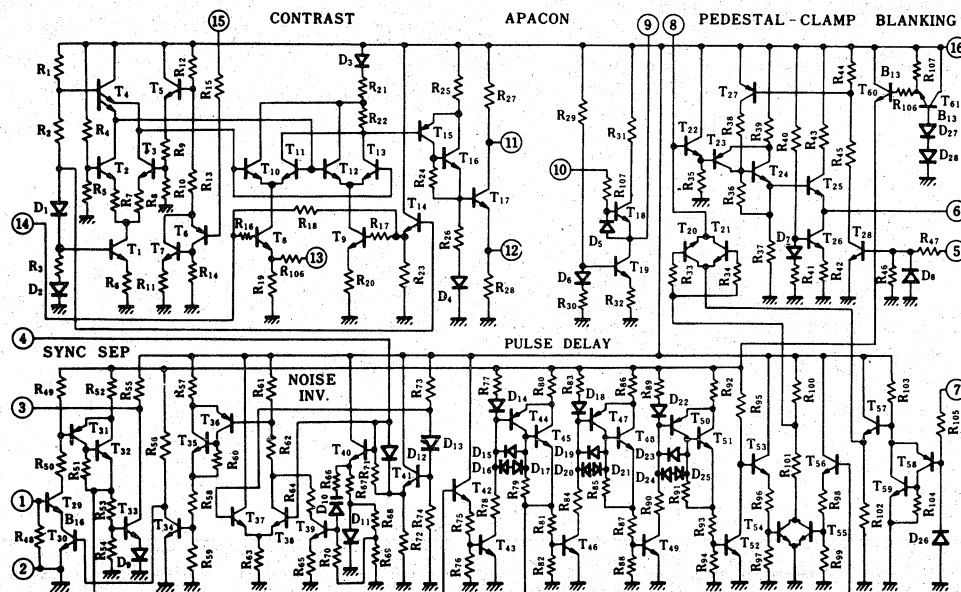
16-Pin DIP See Fig. L111



ECG1164

TV Video Sig Processing Circuit

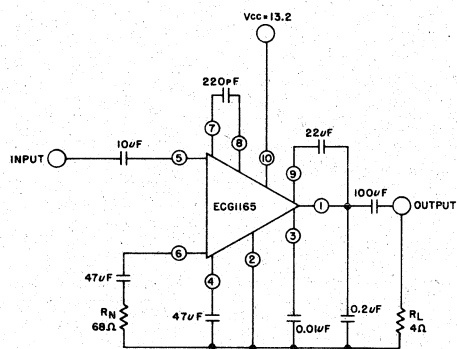
16-Pin DIP See Fig. L111



ECG1165

Modulator/Audio Output, Stereo and CB, 4.5 W

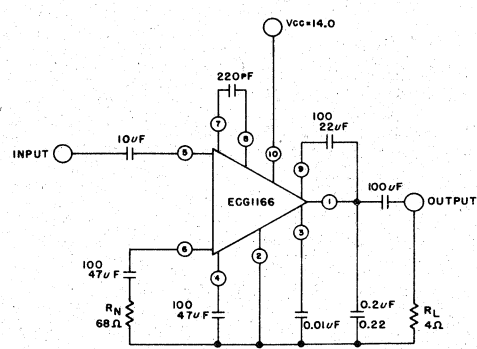
10-Pin SIP-HS See Fig. L87



ECG1166

Modulator/Audio Output, Stereo and CB, 5.8 W

10-Pin SIP-HS See Fig. L87

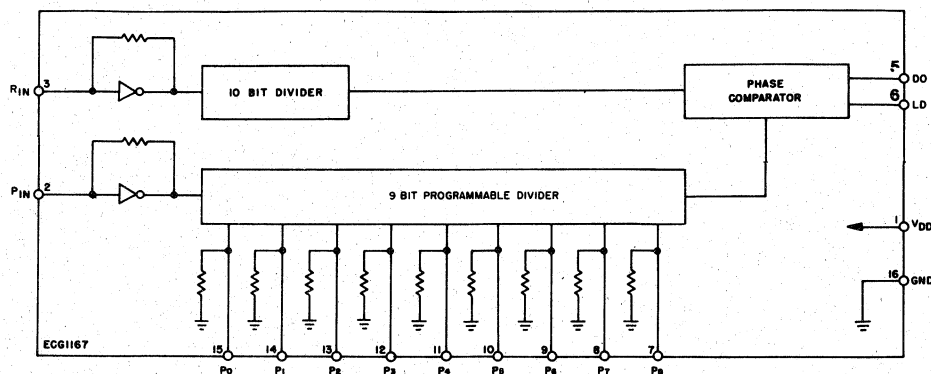


Linear IC and Module Circuits (cont'd)

ECG1167

16-Pin DIP See Fig. L111

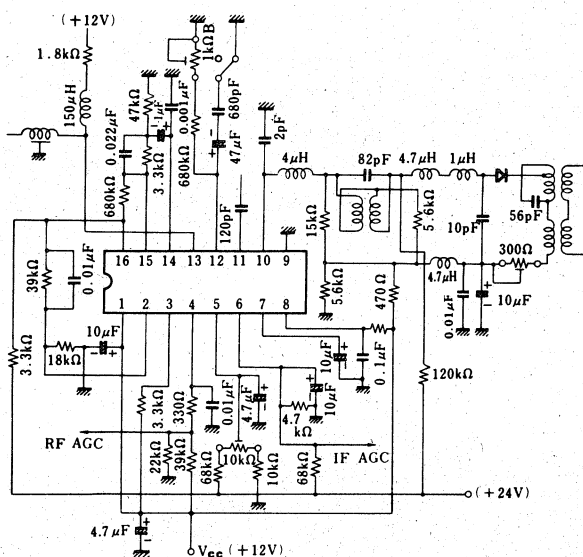
CMOS PLL Frequency Synthesizer



ECG1168

16-Pin DIP See Fig. L111

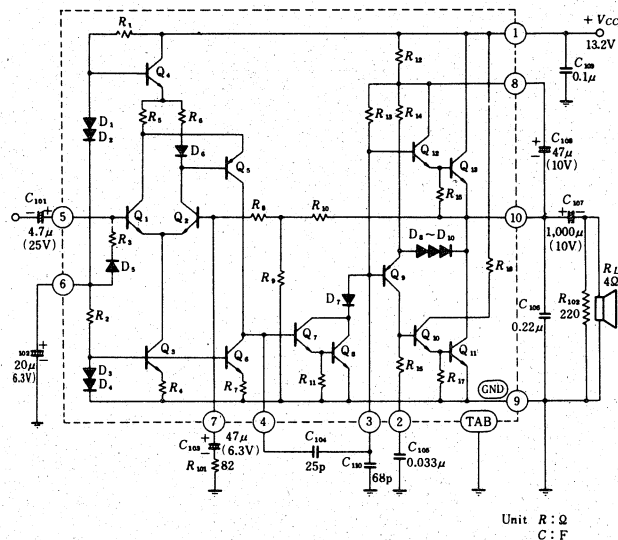
Video Processor



ECG1169

10-Pin SIP-HS See Fig. L83

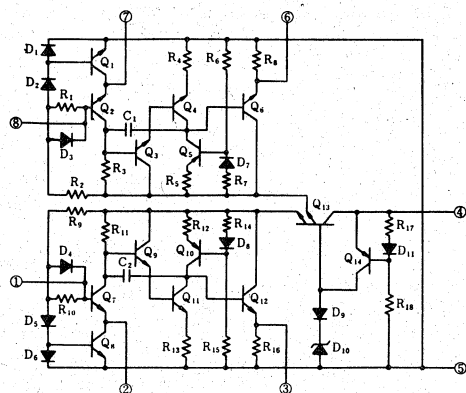
Audio Output/Modulator



ECG1170

8-Pin SIP See Fig. L33

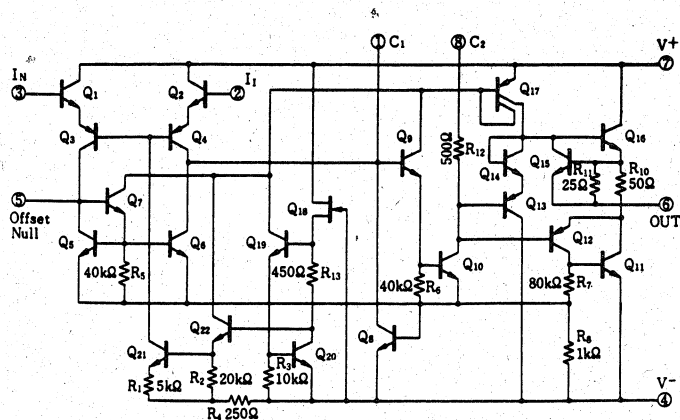
Audio Preamp (Dual)



ECG1171

8-Pin Can See Fig. L3

Op Amp



Linear IC and Module Circuits (cont'd)

ECG1172

14-Pin DIP See Fig. L104

Phase Frequency Detector for PLL

ECG1173

16-Pin DIP See Fig. L112

TV Video IF Amp and AGC

ECG1174

14-Pin DIP-Q See Fig. L107

TV Automatic Fine Tuning

ECG1175

16-Pin DIP-HS See Fig. L158

TV Sound IF and AF Output Subsystem

ECG1176

14-Pin DIP See Fig. L111

TV Chroma Demodulator

ECG1177

14-Pin DIP See Fig. L104

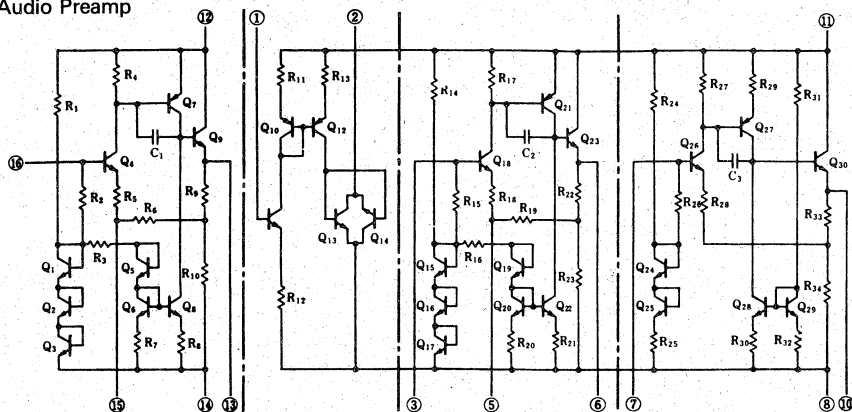
TV Luminance Processor

Linear IC and Module Circuits (cont'd)

ECG1184

Audio Preamp

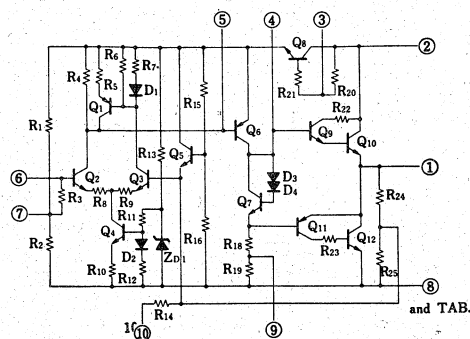
16-Pin DIP See Fig. L111



ECG1185

3.5 W Audio Output

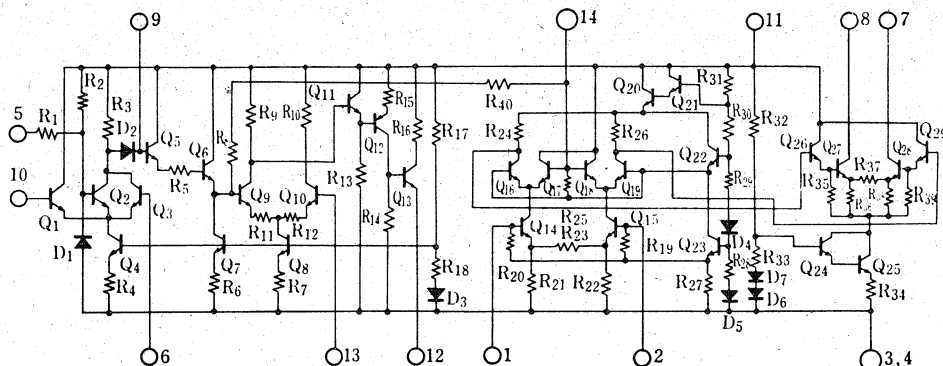
10-Pin SIP-HS See Fig. L90



ECG1186

Vid IF and Keyed AGC

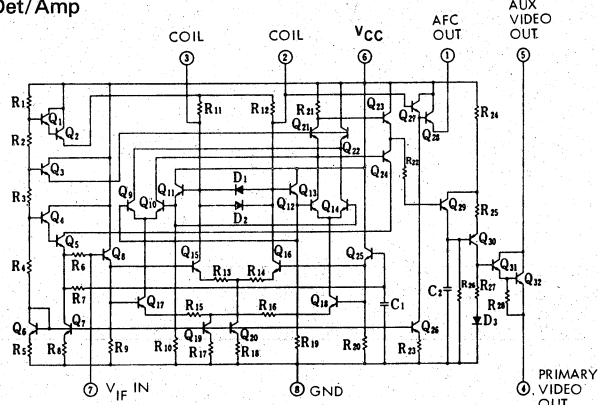
14-Pin DIP See Fig. L104



ECG1187

Vid Det/Amp

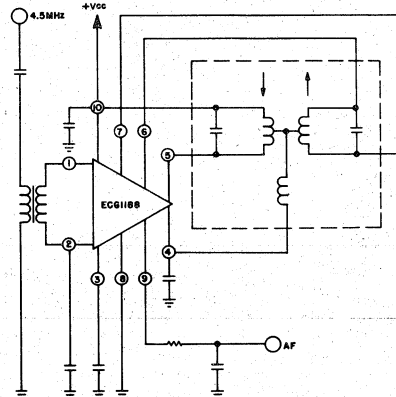
8-Pin DIP See Fig. L97



ECG1188

TV Sound IF Amp and Disc

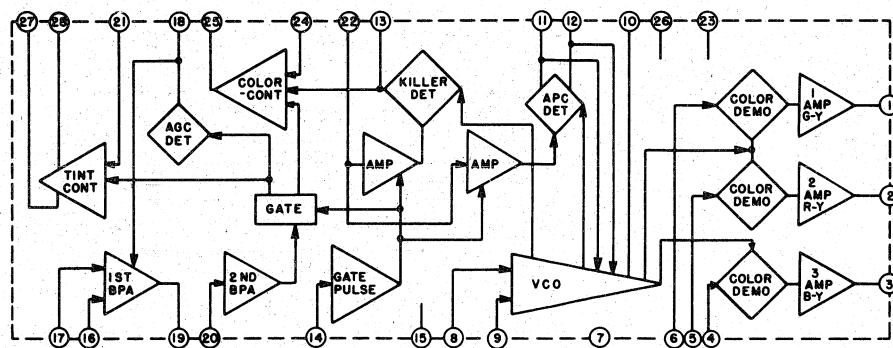
10-Pin Can See Fig. L7



ECG1189

TV Chroma Processor

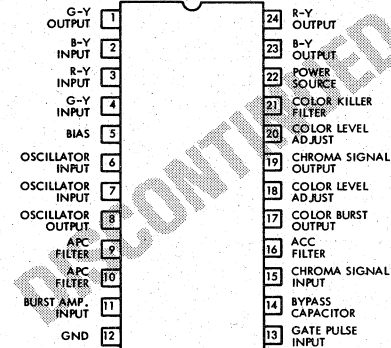
28-Pin DIP See Fig. L124



ECG1191

Chroma Processor and Demodulator

24-Pin DIP See Fig. L122

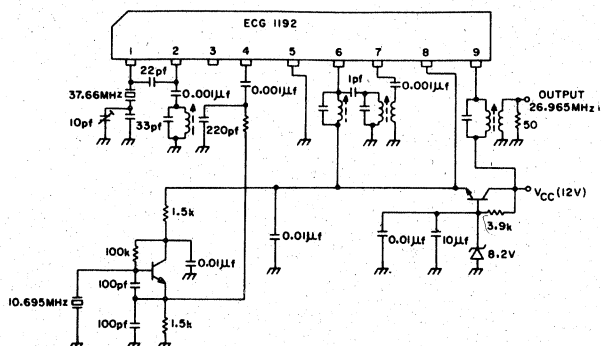


Linear IC and Module Circuits (cont'd)

ECG1192

9-Pin SIP See Fig. L39

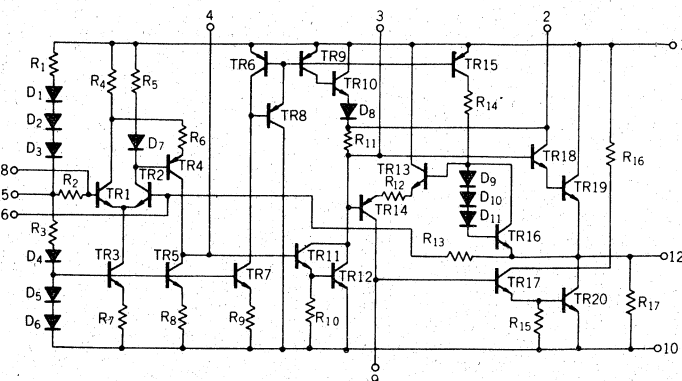
CB Voltage Controlled Oscillator and Mixer



ECG1193

12-Pin SIP-HS See Fig. L91

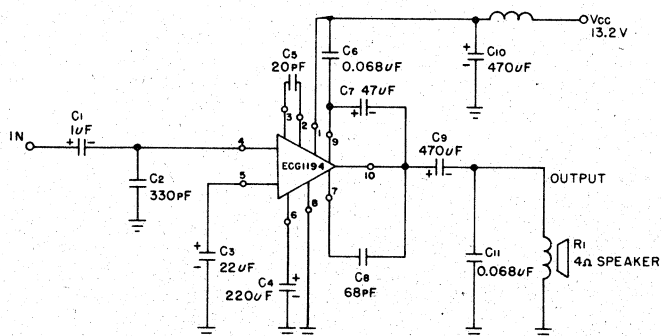
4.5 W Audio Output



ECG1194

10-Pin SIP-HS See Fig. L89

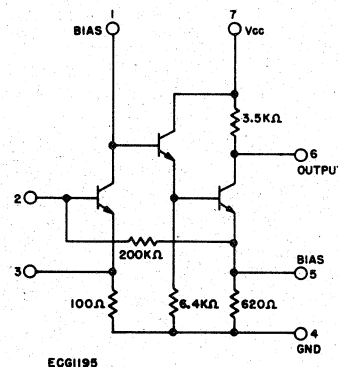
5.8 W Audio Output, CB



ECG1195

7-Pin SIP See Fig. L25

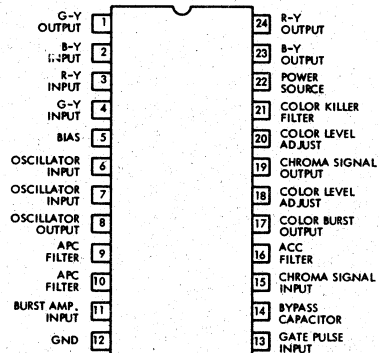
Lo-Noise Audio Preamp



ECG1196

24-Pin DIP See Fig. L122

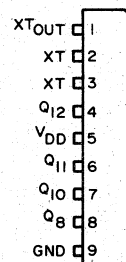
Chroma Process and Demodulator



ECG1197

9-Pin SIP See Fig. L39

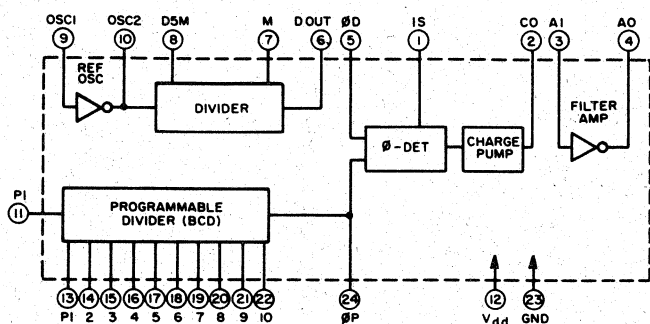
CMOS Freq Divider and Amp



ECG1198

24-Pin DIP See Fig. L122

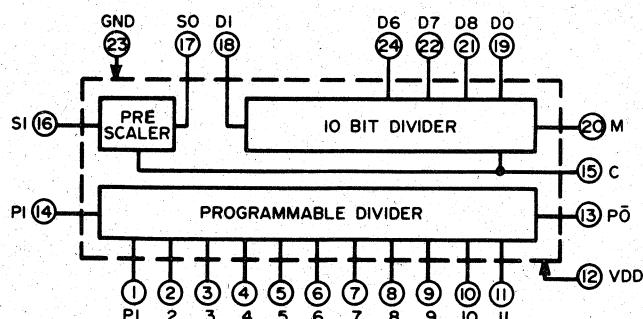
CMOS Frequency Divider



ECG1199

24-Pin DIP See Fig. L122

CMOS Frequency Divider

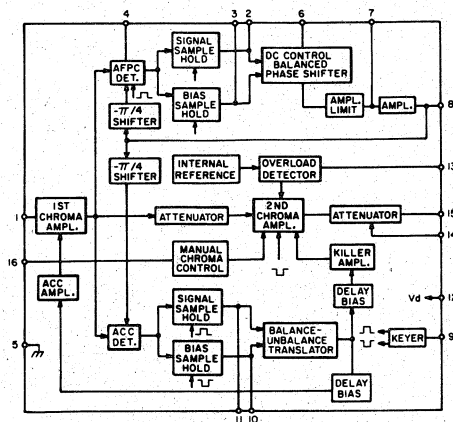


Linear IC and Module Circuits (cont'd)

ECG1200

16-Pin DIP See Fig. L112

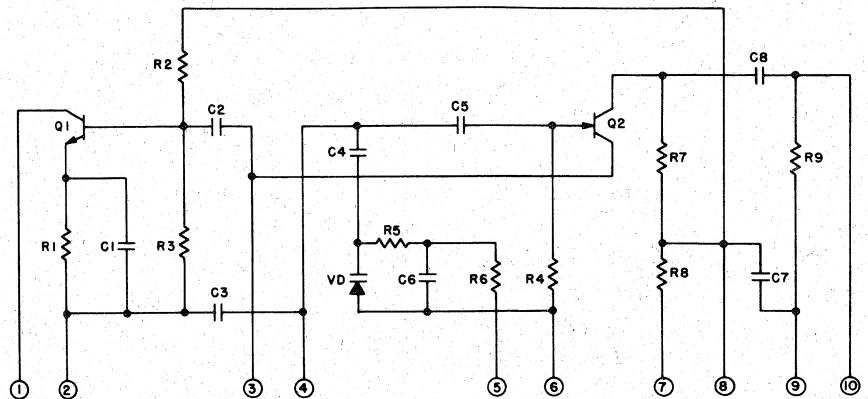
TV Chroma Processor



ECG1201, ECG1204

CB Voltage Controlled Oscillator

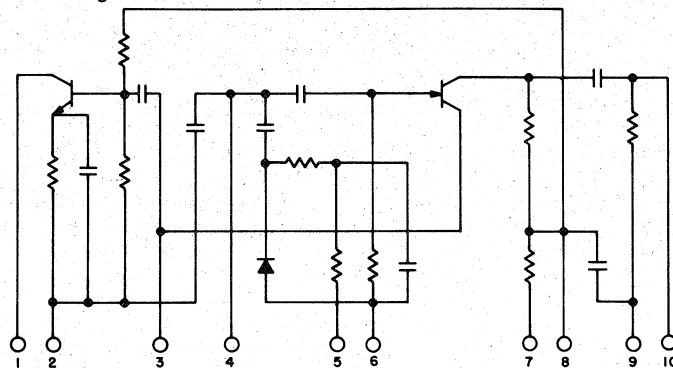
10-Pin SIP See Fig. L43



ECG1202

10-Pin SIP See Fig. L43

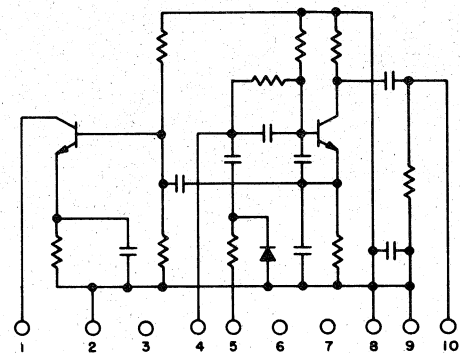
CB Voltage Controlled Oscillator



ECG1203

CB Voltage Controlled Oscillator

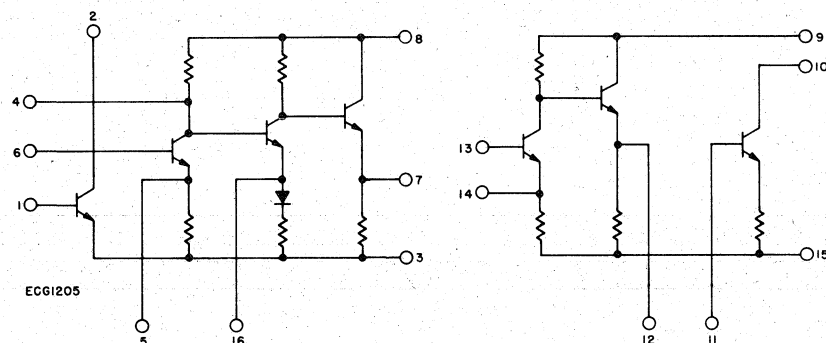
10-Pin SIP See Fig. L43



ECG1205

16-Pin DIP See Fig. L112

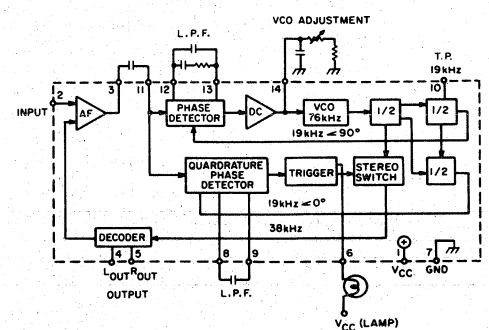
Tape Recorder Preamp



ECG1206

14-Pin DIP See Fig. L105

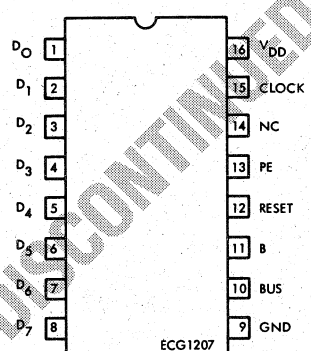
PLL Stereo Decoder



ECG1207

16-Pin DIP See Fig. L112

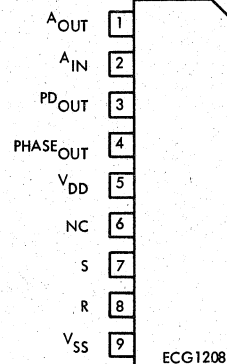
CMOS Programmable Divider



ECG1208

9-Pin SIP See Fig. L39

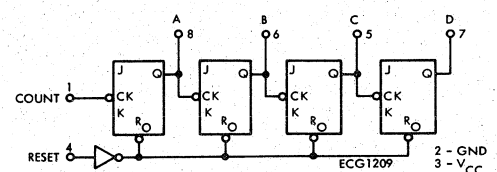
CMOS Phase Comparator



ECG1209

8-Pin DIP See Fig. L97

4-Bit Binary Counter

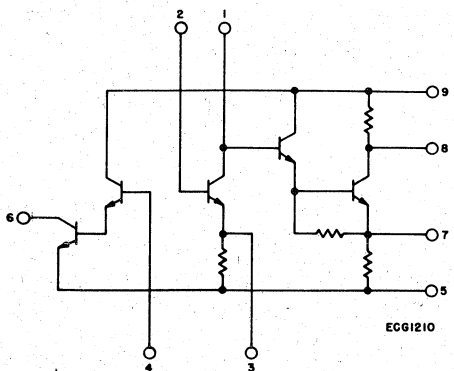


Linear IC and Module Circuits (cont'd)

ECG1210

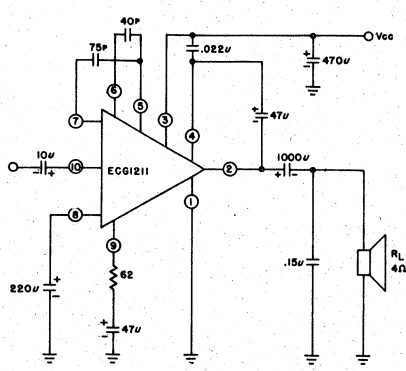
9-Pin SIP See Fig. L40

Audio Preamp

**ECG1211**

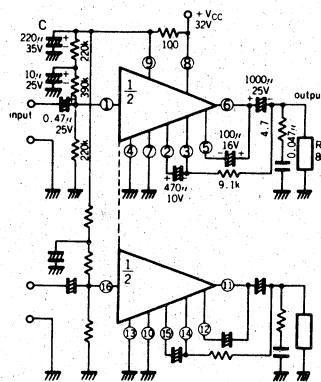
10-Pin SIP-HS See Fig. L88

5.5 W Audio Out

**ECG1212**

16-Pin SIP-M See Fig. 171

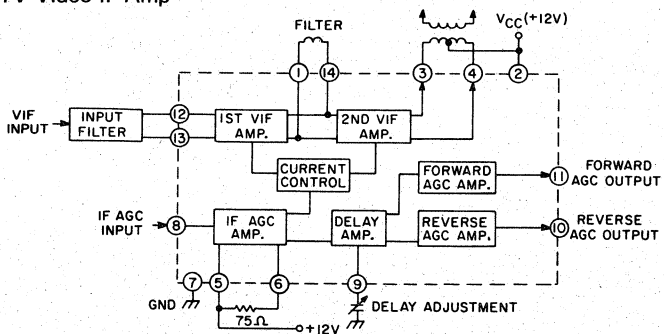
Dual Channel AF Pwr Amp. 9.5 W/Channel



ECG1213

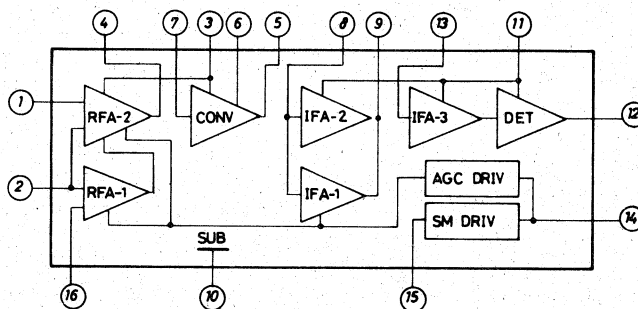
14-Pin DIP See Fig. L105

TV Video IF Amp

**ECG1214**

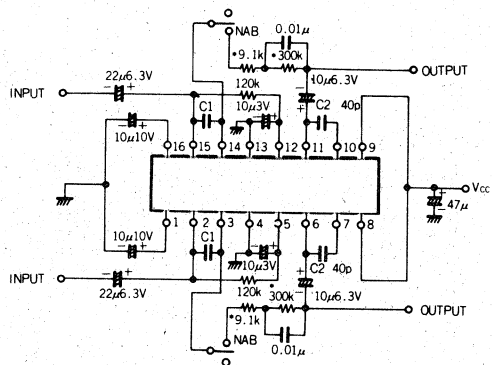
16-Pin DIP See Fig. I 111

AM Tuner, RF Conv, IF, Det, AGC

**ECG1215**

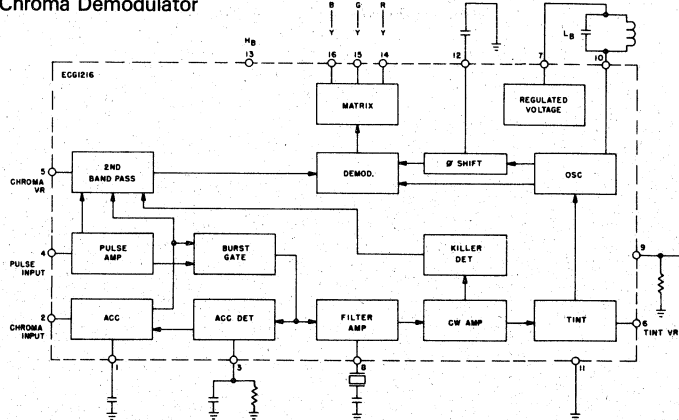
16-Pin DIP See Fig. L111

Stereo Equalizer Amp

**ECG1216**

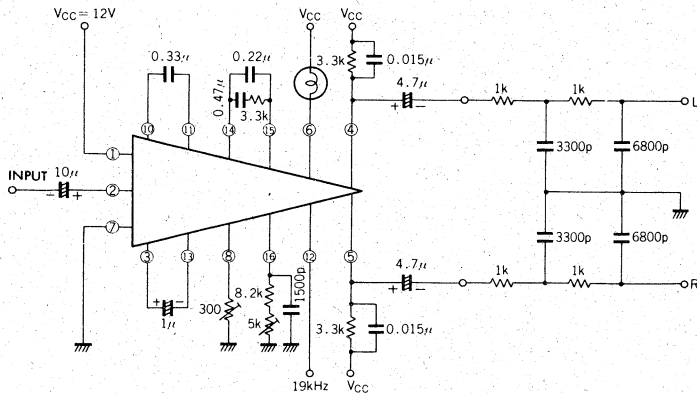
16-Pin DIP See Fig. 1111

Chroma Demodulator

**ECG1217**

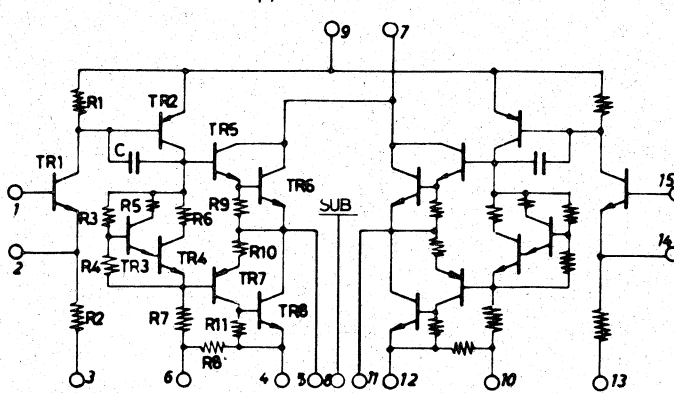
16-Pin DIP See Fig. 111

PLL FM Stereo Decoder

**ECG1218**

15-Pin SIP-M See Fig. 1-69

Dual Channel AF Pwr Amp 7 W/Channel

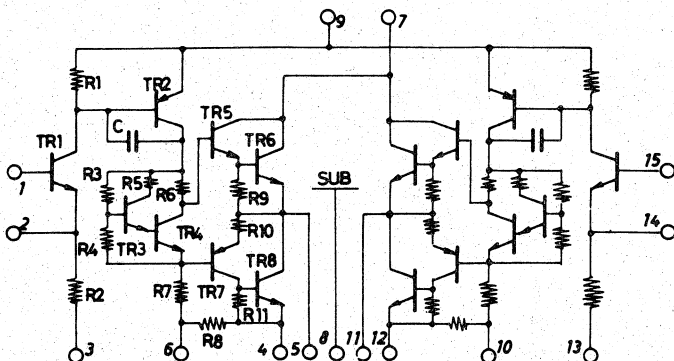


Linear IC and Module Circuits (cont'd)

ECG1219

15-Pin SIP-M See Fig. L70

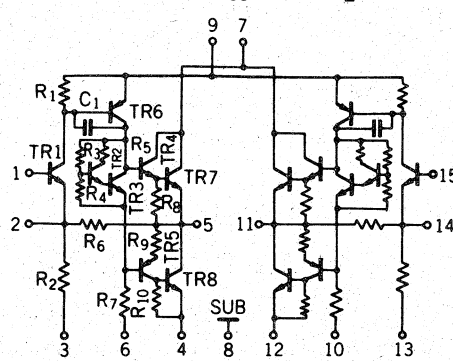
Dual Channel AF Pwr Amp, 15 W/Channel



ECG1220

15-Pin SIP-M See Fig. L69

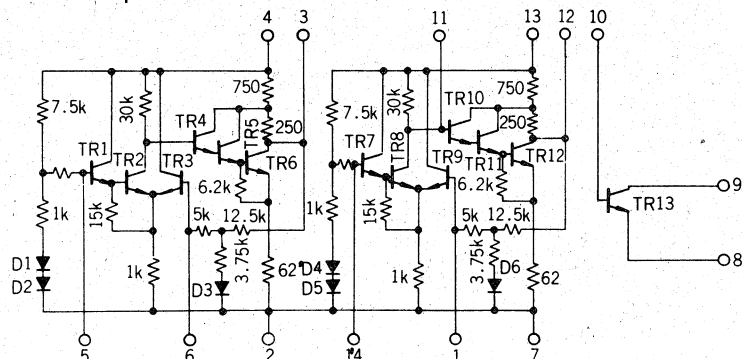
Mod Dual AF PO 6 W/Channel, $V_{CC} = 24\text{ V}$, $R_L = 8\ \Omega$



ECG1221

14-Pin DIP See Fig. L104

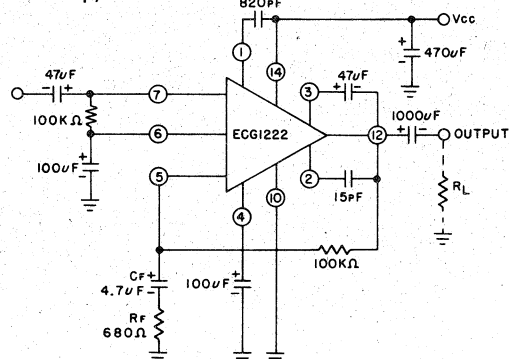
Stereo Preamp



ECG1222

14-Pin DIP-W See Fig. L133

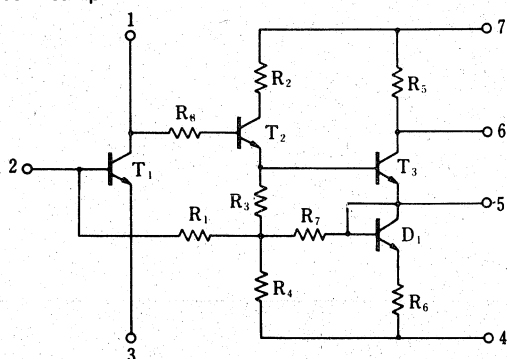
AF Pwr Amp, 4.2 W



ECG1223

7-Pin SIP See Fig. L27

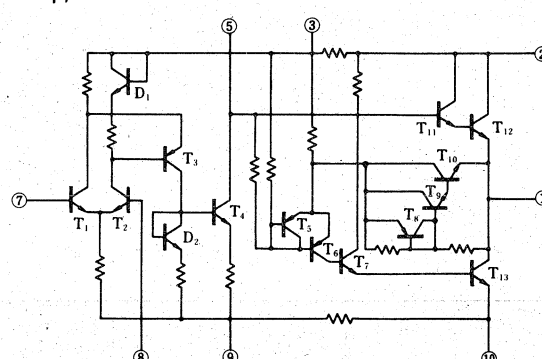
Lo-Noise Preamp



ECG1224

10-Pin Can See Fig. L8

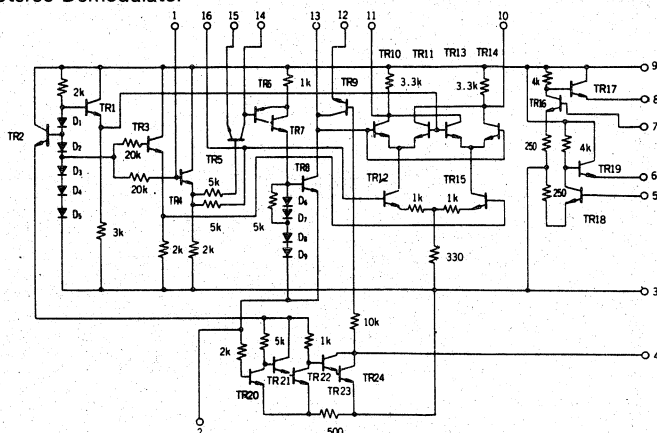
AF Pwr Amp, 1.55 W



ECG1225

16-Pin DIP See Fig. L111

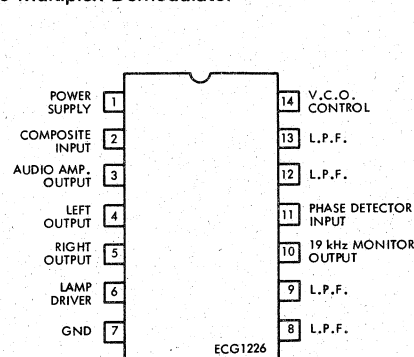
FM Stereo Demodulator



ECG1226

14-Pin DIP See Fig. L104

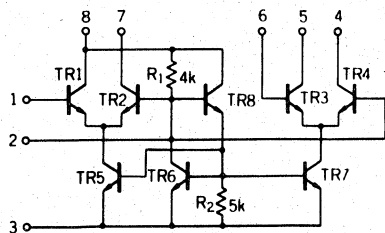
FM Stereo Multiplex Demodulator



Linear IC and Module Circuits (cont'd)

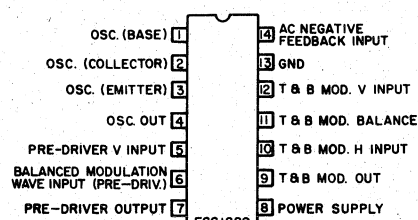
ECG1227
FM IF Amp

8-Pin DIP See Fig. L97



ECG1228
See ECG1180
Page 1-204

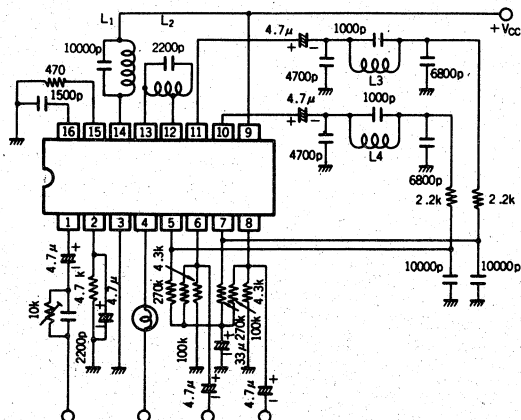
ECG1229 14-Pin DIP See Fig. L104
TV Vert Defl and Pincushion Correction



ECG1230

FM Stereo Multiplex Demodulator

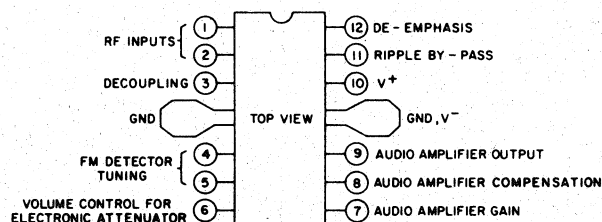
16-Pin DIP See Fig. L111



ECG1231

TV Sound IF and Audio Output

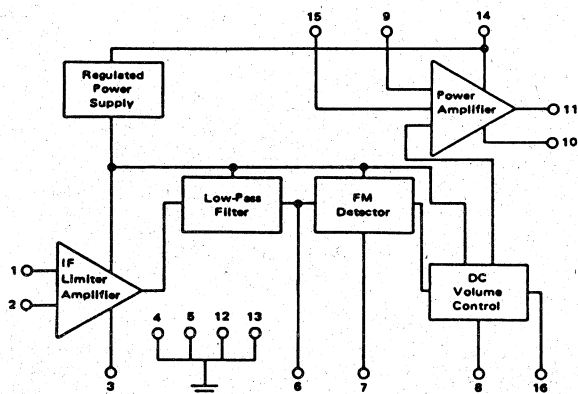
12-Pin DIP-QW See Fig. L131



ECG1231A

TV Sound IF and Audio Output

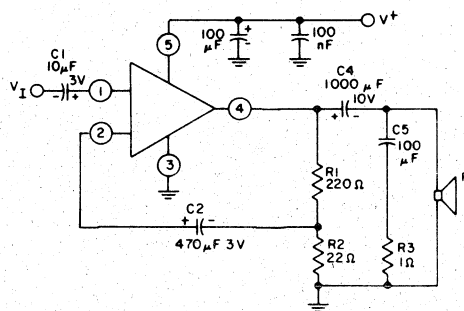
16-Pin DIP See Fig. L111



ECG1232
AF Pwr Amp, 8 W

ECG1288
AF Pwr Amp, 10 W

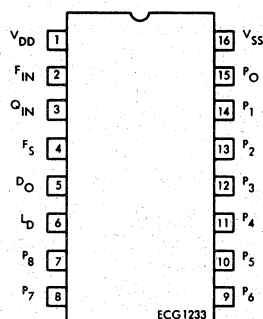
TO-220, 5-Pin See Fig. L19



ECG1233

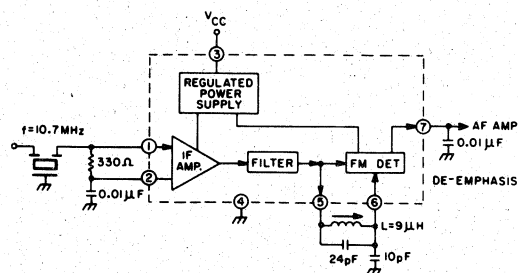
CB PLL Freq Synthesizer

16-Pin DIP See Fig. L111



ECG1234
FM IF and TV Sound IF Amp

7-Pin SIP See Fig. L24

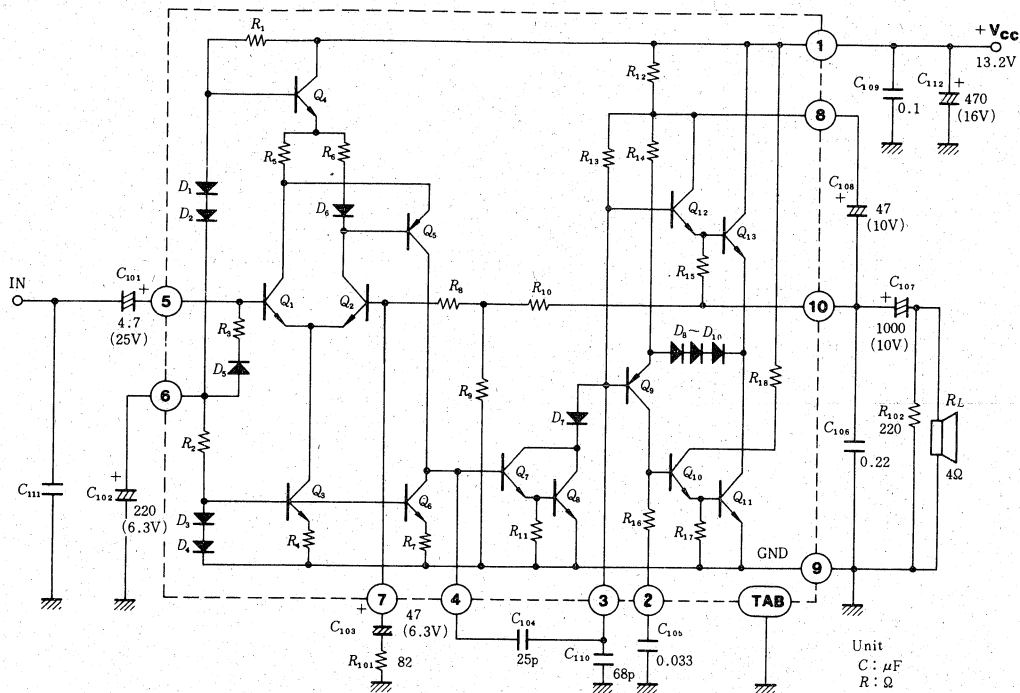


Linear IC and Module Circuits (cont'd)

ECG1239

10-Pin SIP-HS See Fig. L83

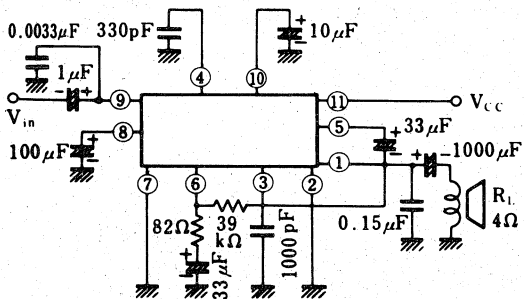
Audio Output and CB Mod



ECG1240

11-Pin SIP See Fig. L54

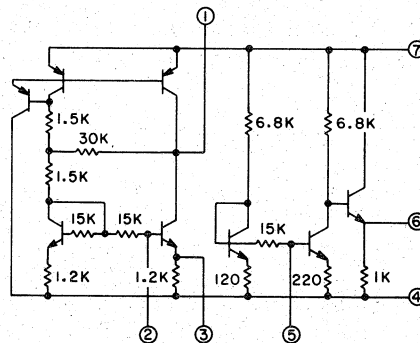
5.5 W Audio Output and CB Mod



ECG1241

7-Pin SIP See Fig. L26

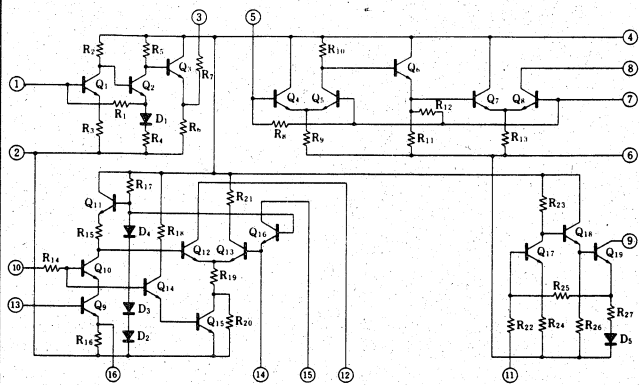
Head Coil and Meter Driver



ECG1242

16-Pin DIP See Fig. L111

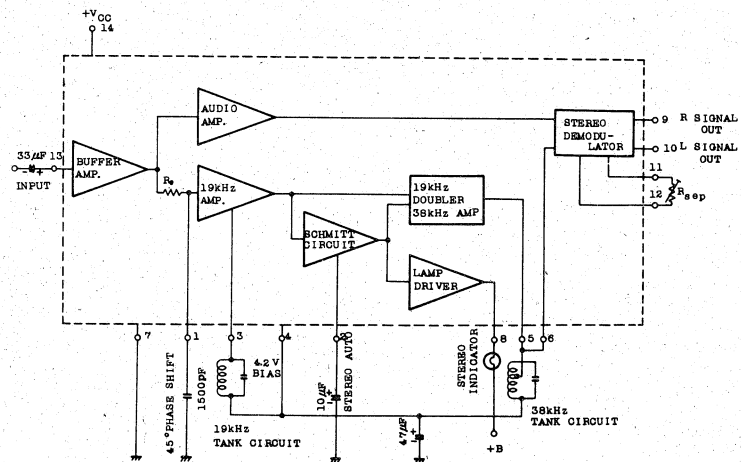
AM/FM IF and AM Converter



ECG1243

14-Pin DIP See Fig. L105

FM Stereo Multiplex Decoder

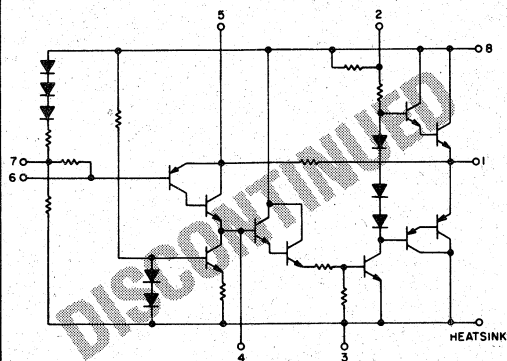


Linear IC and Module Circuits (cont'd)

ECG1244

8-Pin SIP-HS See Fig. L76

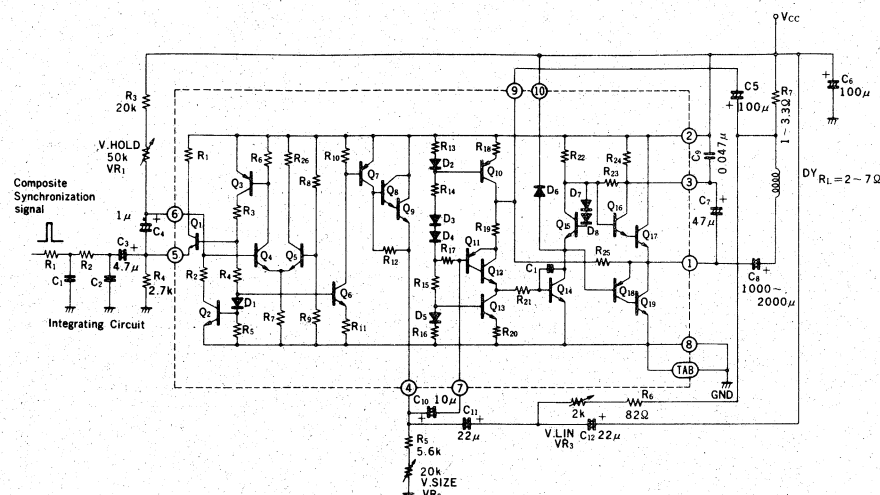
Audio Output



ECG1245

Vertical Deflection

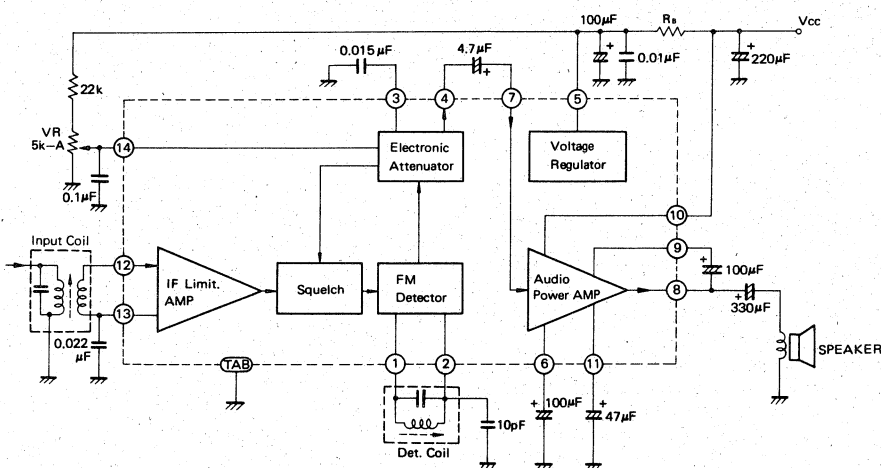
10-Pin SIP-HS See Fig. L89
(Alternate Fig. L90)



ECG1246

14-Pin DIP-ET See Fig. L145

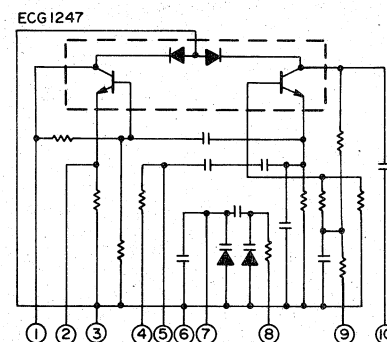
TV Sound IF, Det AF PO



ECG1247

10-Pin SIP See Fig. L43

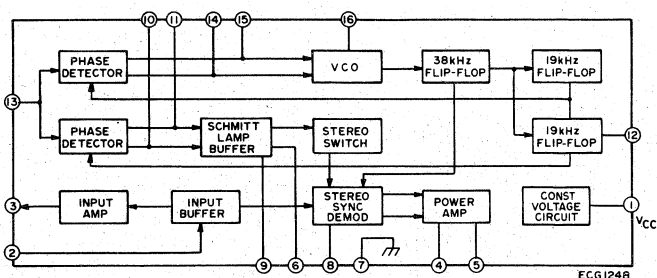
Voltage Controlled Osc



ECG1248

16-Pin DIP See Fig. L112

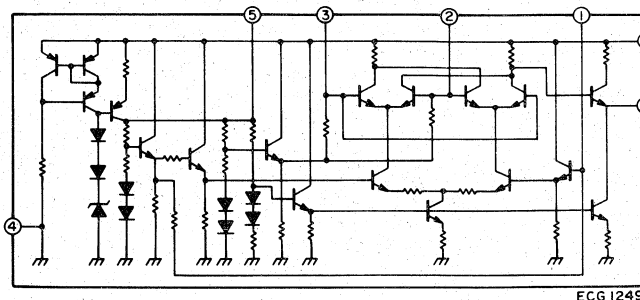
FM Stereo Demod



ECG1249

7-Pin SIP See Fig. L27

Balanced Modulator

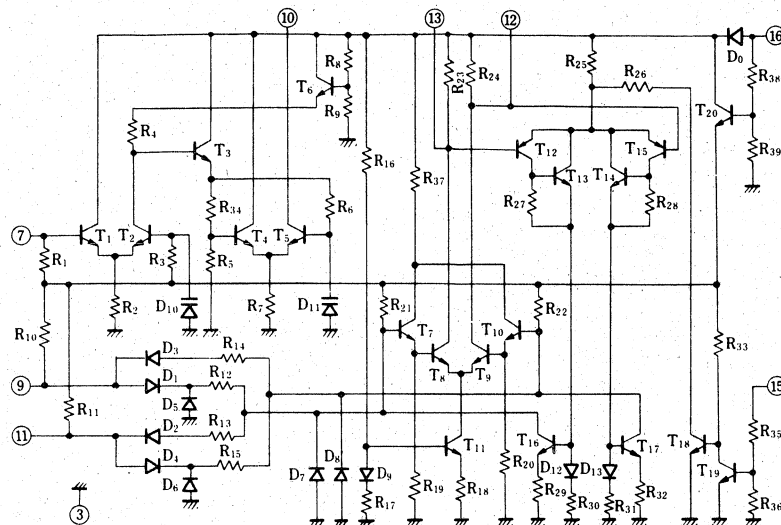


Linear IC and Module Circuits (cont'd)

ECG1250

16-Pin DIP See Fig. L111

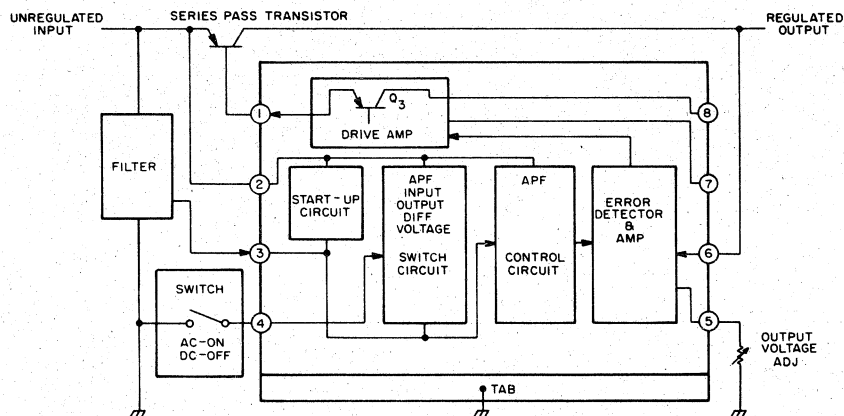
TV AFT



ECG1251

8-Pin DIP-ET See Fig. L137

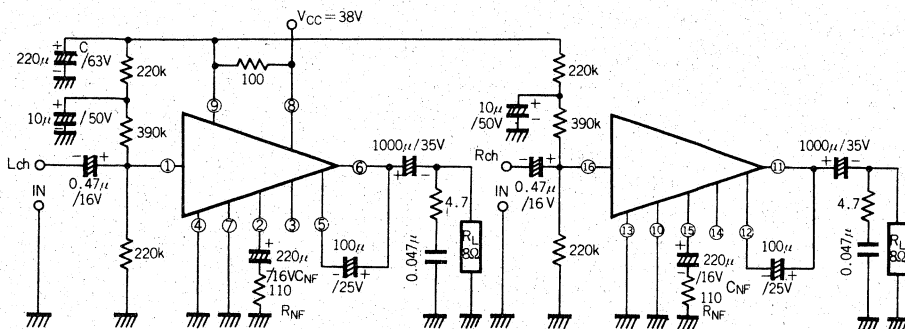
Voltage Regulator



ECG1252

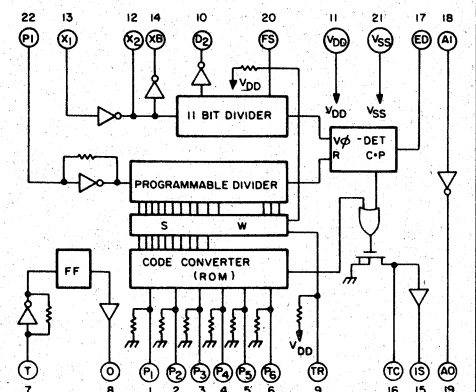
Dual Channel AF PO, 15 W/Channel

16-Pin SIP-M See Fig. L71



ECG1253

CMOS-PLL Freq Synthesizer, CB

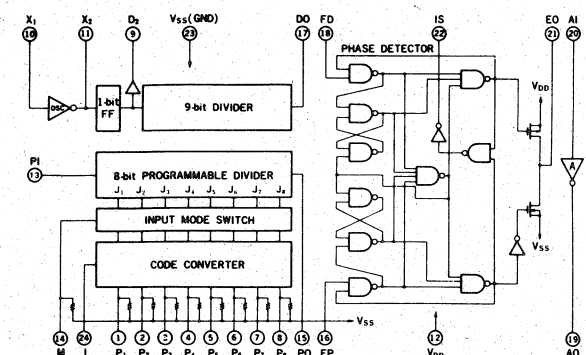


Linear IC and Module Circuits (cont'd)

ECG1254

24-Pin DIP See Fig. L122

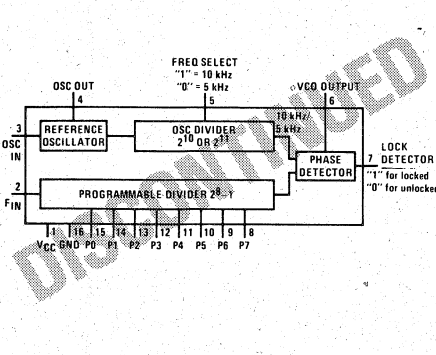
CMOS-PLL Freq Synthesizer, CB



ECG1255

16-Pin DIP See Fig. L112

CMOS-PLL Freq Synthesizer, CB

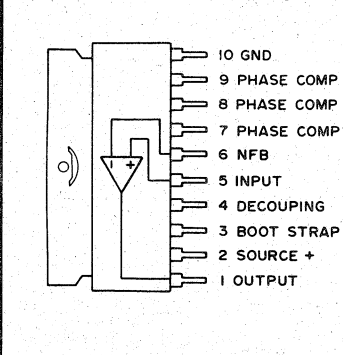


ECG1256

10-Pin SIP-HS

AF PO, 5.8 W

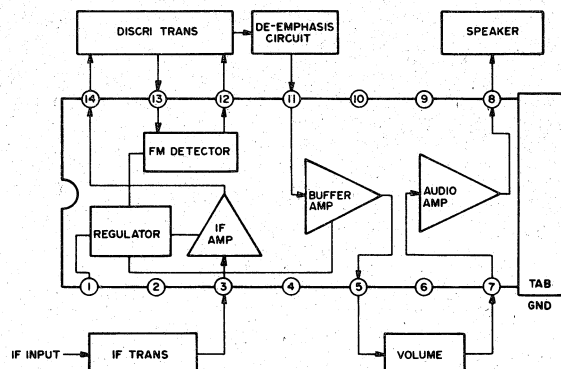
See Fig. L84



ECG1257

14-Pin DIP-ET See Fig. L145

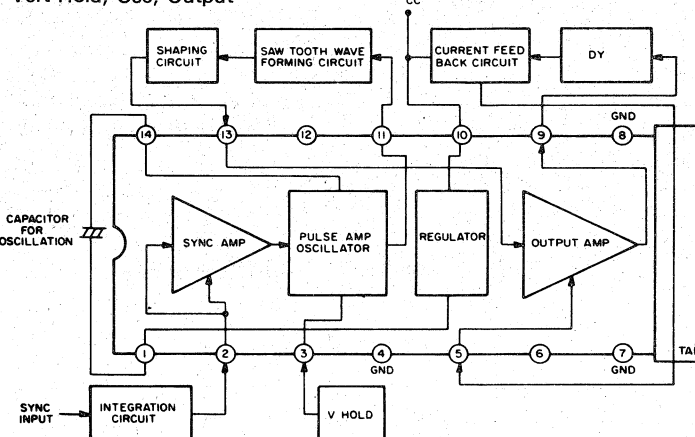
FM IF, Det, AF PO



ECG1258

14-Pin DIP-ET See Fig. L148

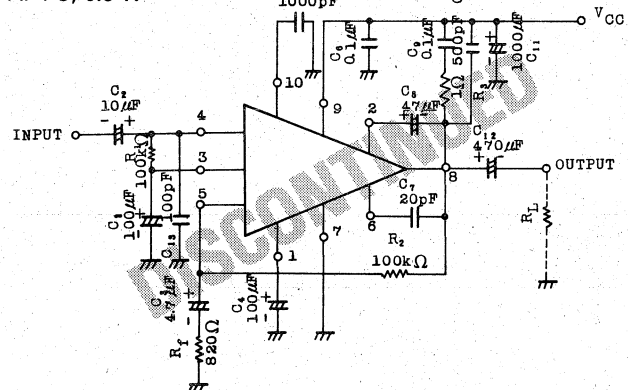
Vert Hold, Osc, Output



ECG1259

10-Pin DIP-W See Fig. L128

AF PO, 6.5 W



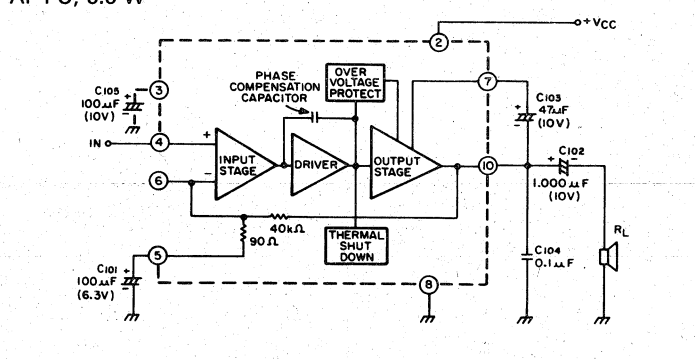
ECG1260

10-Pin SIP-HS See Fig. L83

ECG1261

AF PO, 5.5 W

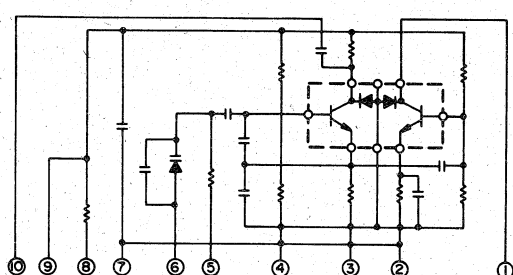
Fig. L82



ECG1262

10-Pin SIP See Fig. L43

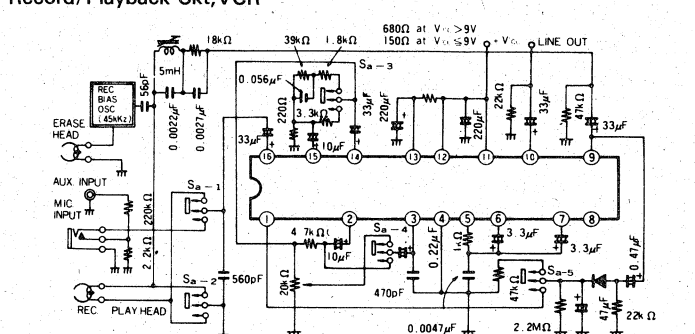
Voltage Controlled Osc, CB



ECG1263

16-Pin DIP See Fig. L112

Record/Playback Ckt, VCR

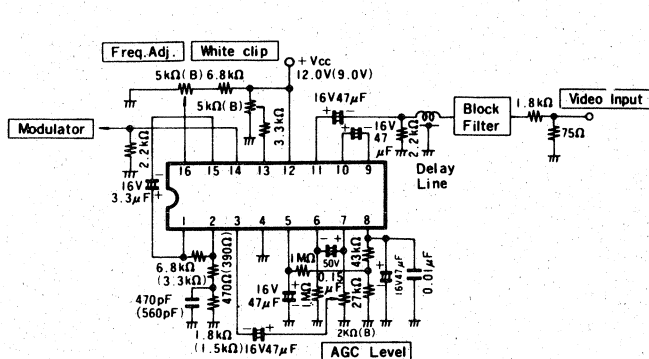


Linear IC and Module Circuits (cont'd)

ECG1264

16-Pin DIP See Fig. L111

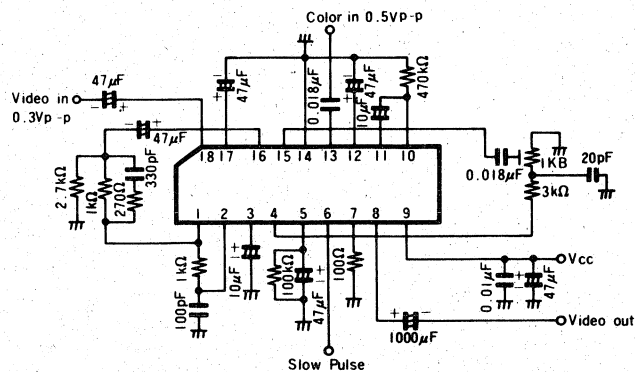
Luminance Ckt, VCR



ECG1265

18-Pin DIP See Fig. L116

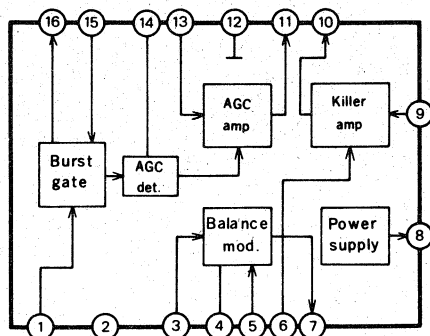
Noise Suppression Ckt, VCR



ECG1266

16-Pin DIP See Fig. L111

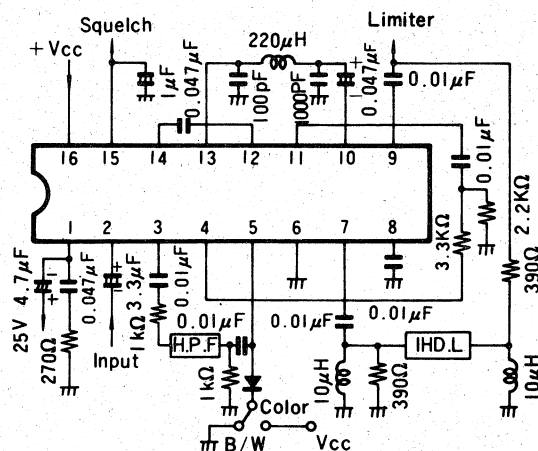
Chroma Processor, VCR



ECG1267

16-Pin DIP See Fig. L111

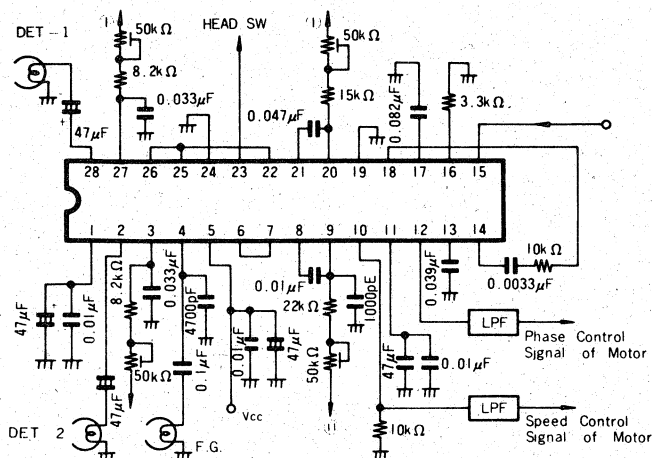
Dropout Compensator, VCR



ECG1268

28-Pin DIP See Fig. L124

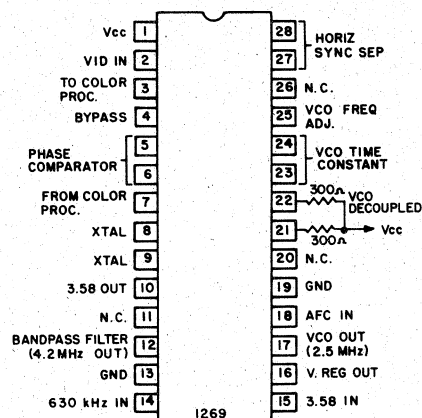
DC Servo Control, VCR



ECG1269

28-Pin DIP See Fig. L124

Color Processor, VCR

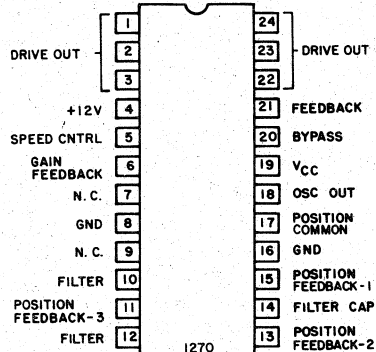


Linear IC and Module Circuits (cont'd)

ECG1270

24-Pin DIP See Fig. L122A

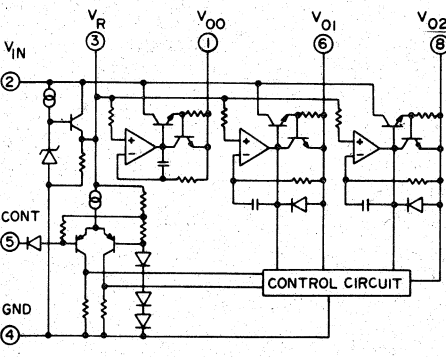
VCR Motor Drive



ECG1271

8-Pin SIP-HS See Fig. L77

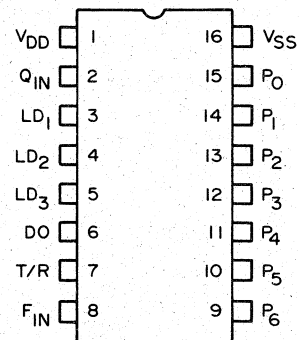
Control Voltage Generator



ECG1272

16-Pin DIP See Fig. L111

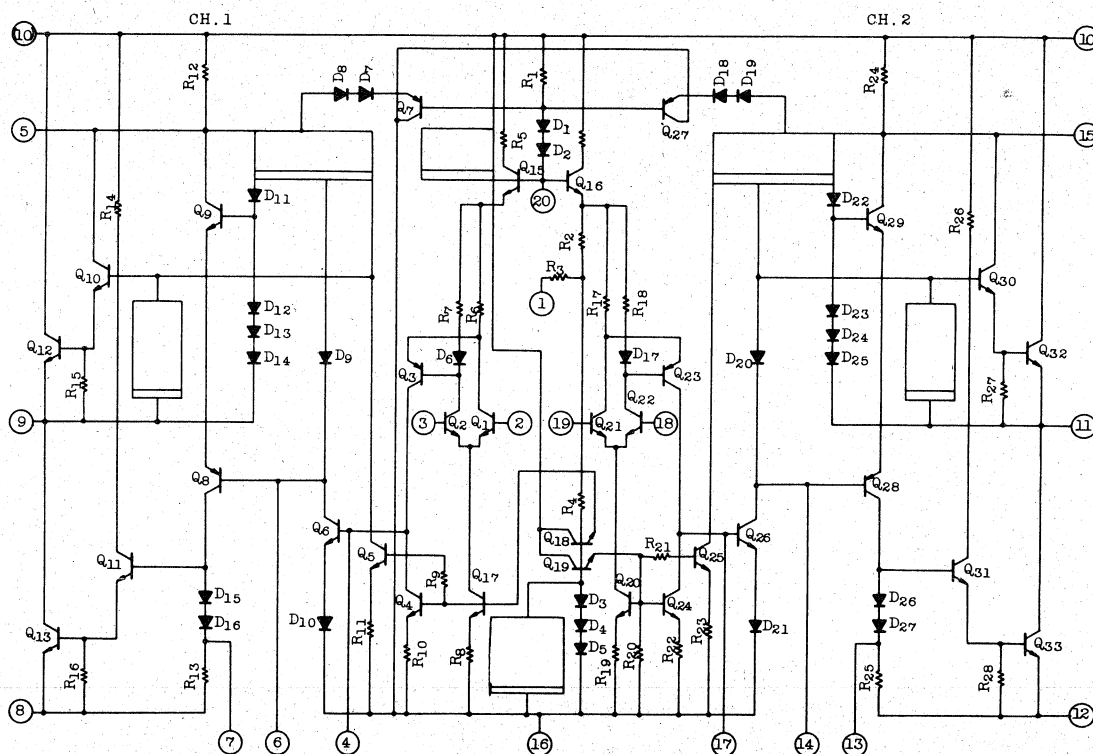
PLL Freq Synthesizer



ECG1273

20-Pin DIP See Fig. L119

Dual Channel Audio Pwr Amp, 5 W Per Channel, 15 W (BTL)



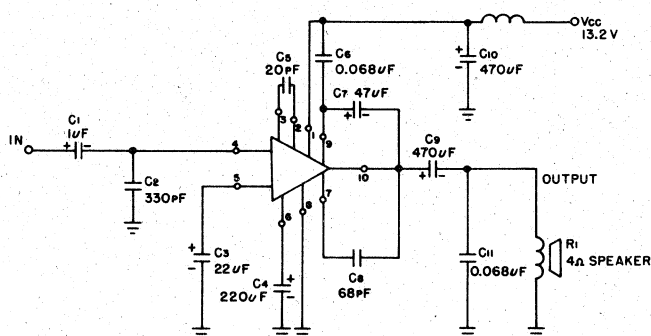
ECG1274

See ECG1025
Page 1-184

ECG1275

AF Pwr Amp, 5.8 W

10-Pin SIP-HS See Fig. L90

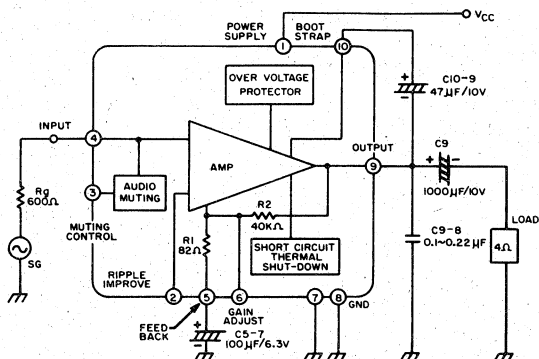


Linear IC and Module Circuits (cont'd)

ECG1278

AF PO, 5.8 W

10-Pin SIP-HS See Fig. L85



ECG1279

AF PO, 50 W

ECG1280, ECG1282

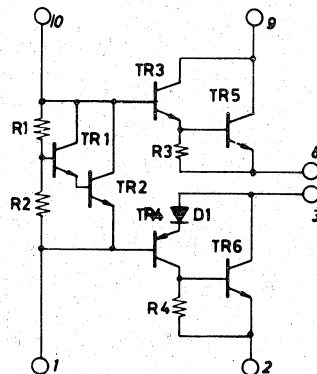
AF PO, 35 W

ECG1320

AF PO, 25 W

10-Pin SIP-M See Fig. L64

10-Pin SIP-M See Fig. L63



ECG1281

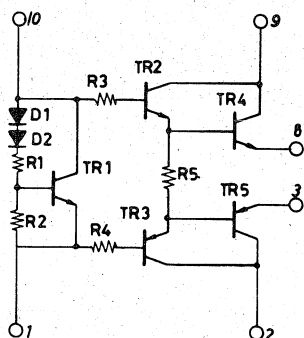
AF PO, 50 W

10-Pin SIP-M See Fig. L64

ECG1322

AF PO, 80 W

10-Pin SIP-M See Fig. L62



ECG1283

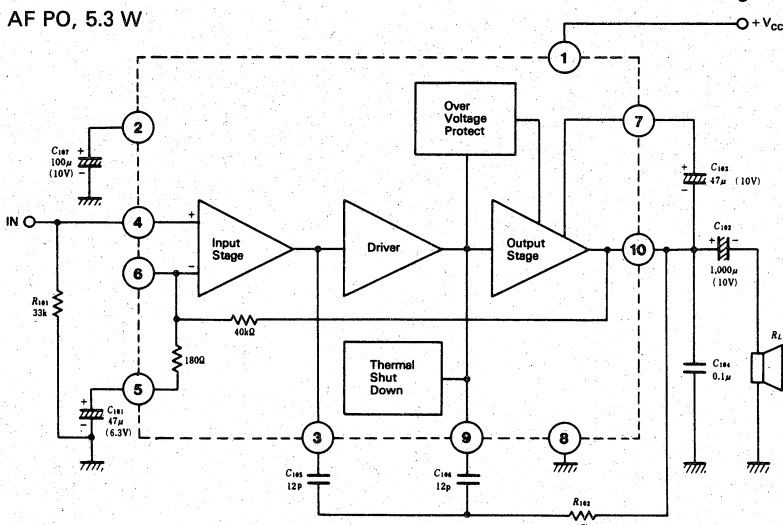
AF PO, 5.3 W

ECG1284

AF PO, 5.3 W

10-Pin SIP-HS See Fig. L83

10-Pin SIP-HS See Fig. L82



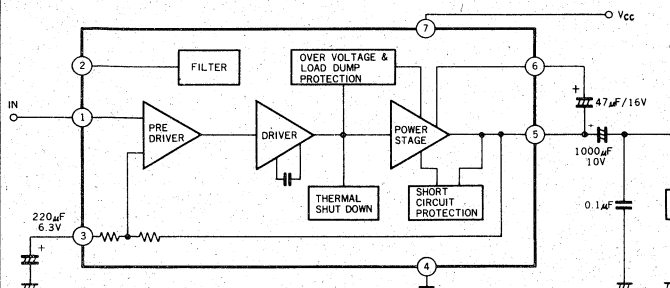
ECG1285

ECG1286

AF PO, 5.8 W

7-Pin SIP See Fig. L49

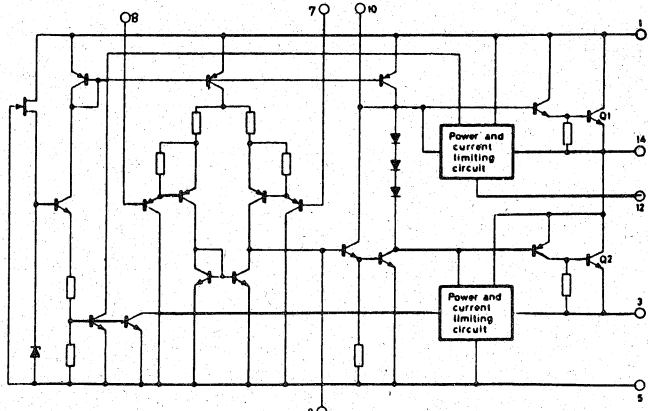
7-Pin SIP See Fig. L50



ECG1287

AF PO, 20 W

14-Pin DIP See Fig. L104



Linear IC and Module Circuits (cont'd)

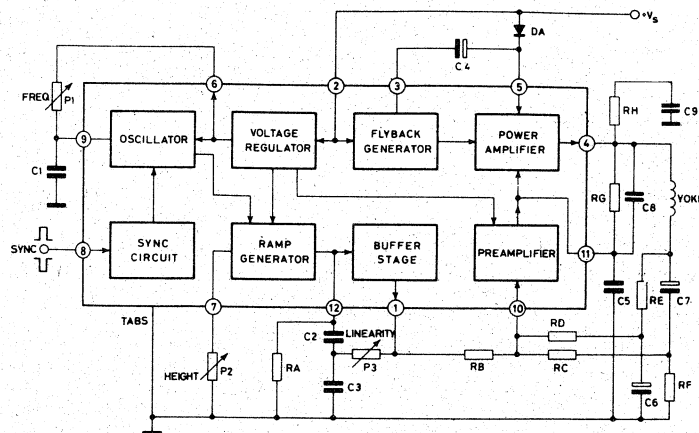
ECG1288

See ECG1232
Page 1-210

ECG1289

TV Vertical Deflection System

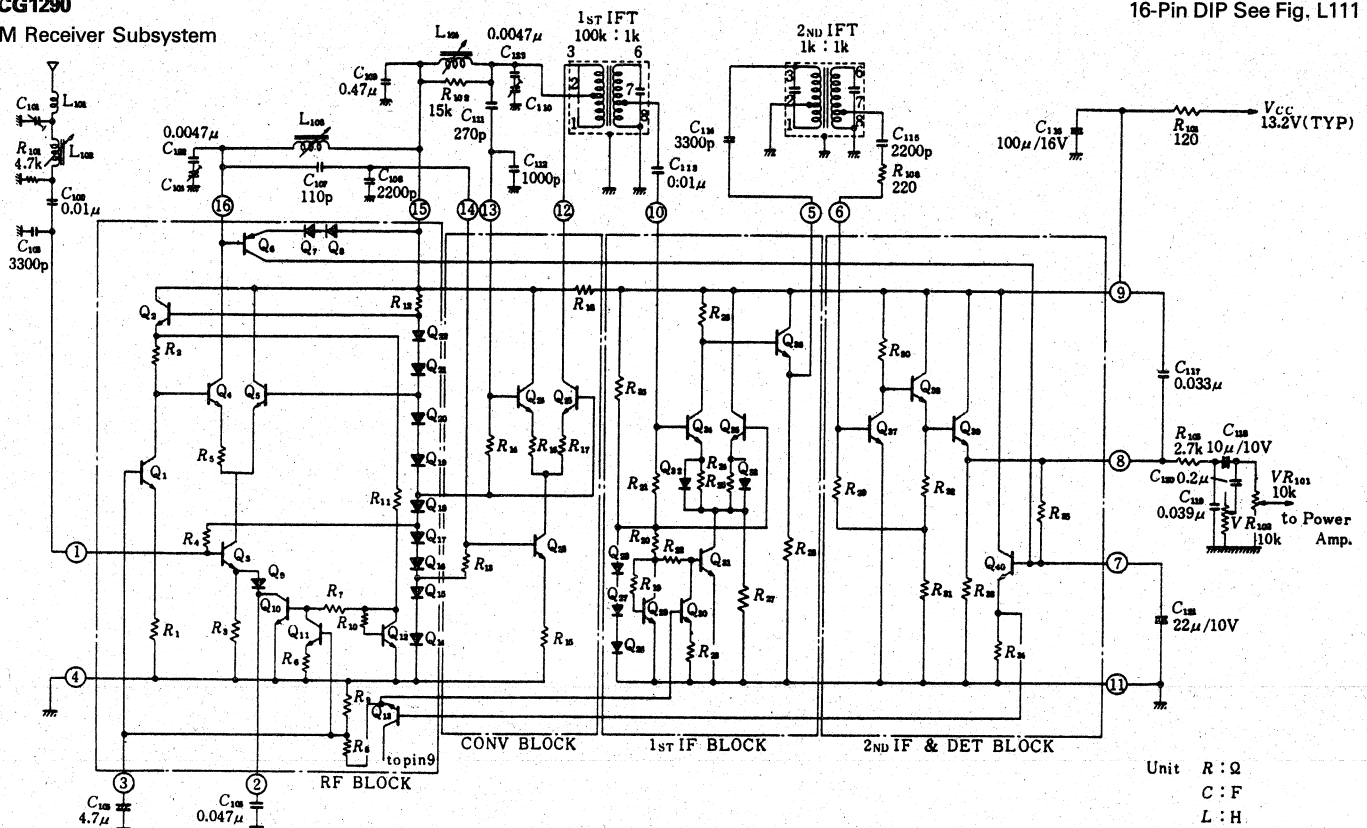
12-Pin DIP-QW See Fig. L131



ECG1290

AM Receiver Subsystem

16-Pin DIP See Fig. L111

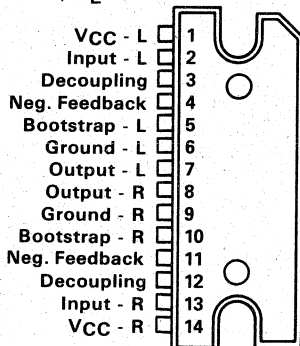


Unit R : Ω
C : F
L : H

ECG1291

14-Pin SIP See Fig. L59

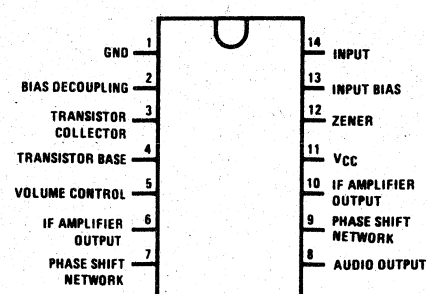
Dual Audio Pwr Amp, 5.5 W/Channel,
 $V_{CC} = 14\text{ V}$, $R_L = 4\ \Omega$



ECG1292

14-Pin DIP See Fig. L104

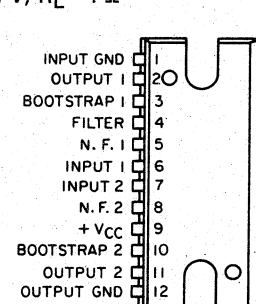
Sound IF Amp and Detector



ECG1293

12-Pin SIP See Fig. L57

Dual AF Pwr Amp, 7 W/Channel,
 $V_{CC} = 14\text{ V}$, $R_L = 4\ \Omega$

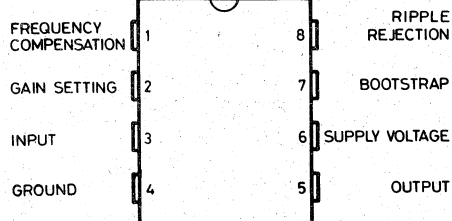


Linear IC and Module Circuits (cont'd)

ECG1294

8-Pin DIP See Fig. L97

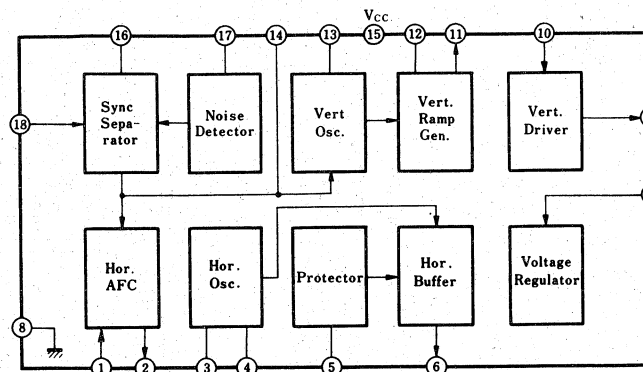
AF PO, 2 W, $V_{CC}=3\text{ V}$ to 12 V , $R_L=8\ \Omega$



ECG1295

18-Pin DIP See Fig. L115

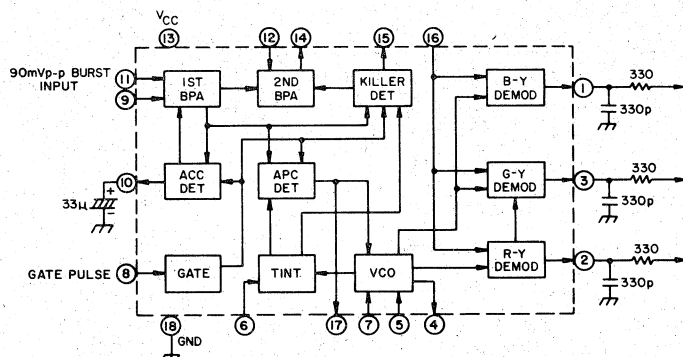
TV Signal Processor w/Vert Defl, AFC, X-Ray Protection



ECG1296

16 + 2-Pin DIP-ET See Fig. L114

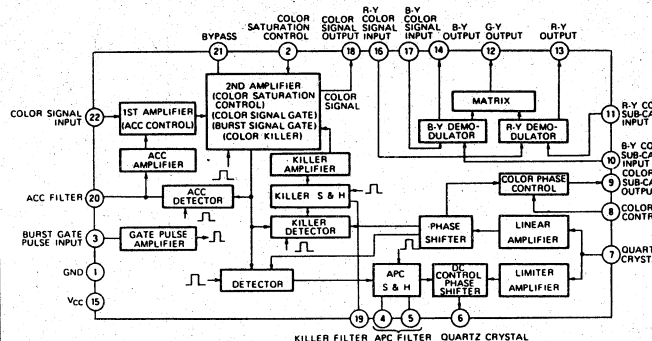
TV Chroma Processor/Demodulator



ECG1297

22-Pin DIP See Fig. L121

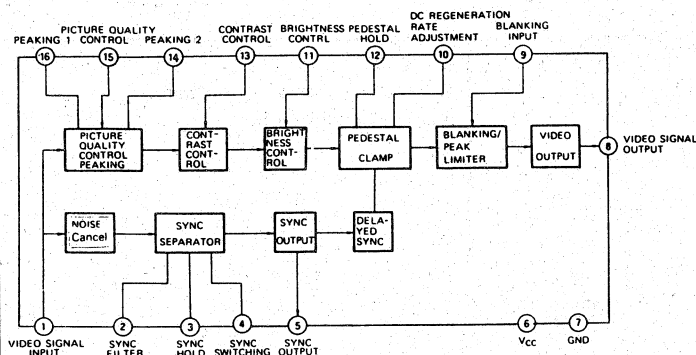
TV Color Signal Processor/Demodulator



ECG1298

16-Pin DIP See Fig. L111

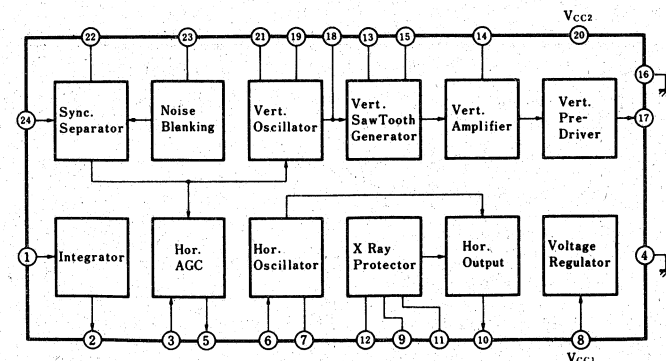
TV Signal Processor w/Brightness, Contrast Control, Sync Sep



ECG1299

24-Pin DIP See Fig. L122

TV Signal Processor w/V-H Osc, Sync Sep, X-Ray Protect

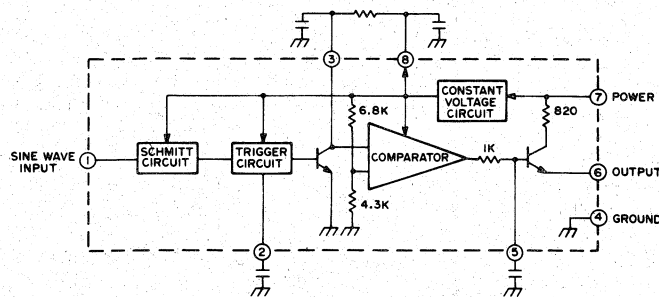


Linear IC and Module Circuits (cont'd)

ECG1300

TV Remote Control

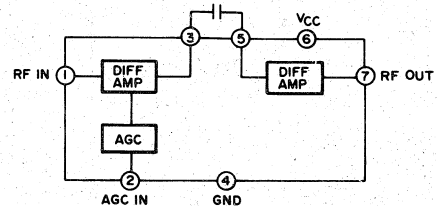
8-Pin SIP See Fig. L35



ECG1301

AM/FM IF

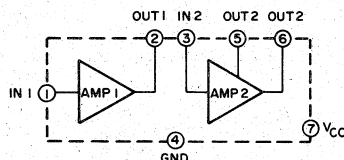
7-Pin SIP See Fig. L29



ECG1302

Audio Preamp

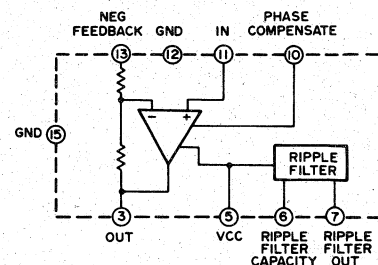
7-Pin SIP See Fig. L28



ECG1303

AF Pwr Output

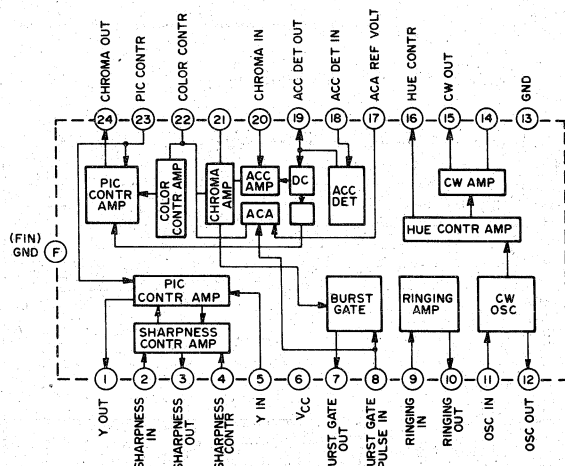
14-Pin DIP-ET See Fig. L141



ECG1304

Chroma Processor

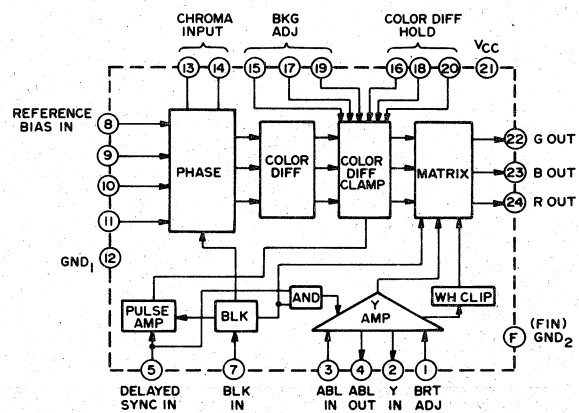
24-Pin DIP-ET See Fig. L153



ECG1305

Color Demodulator

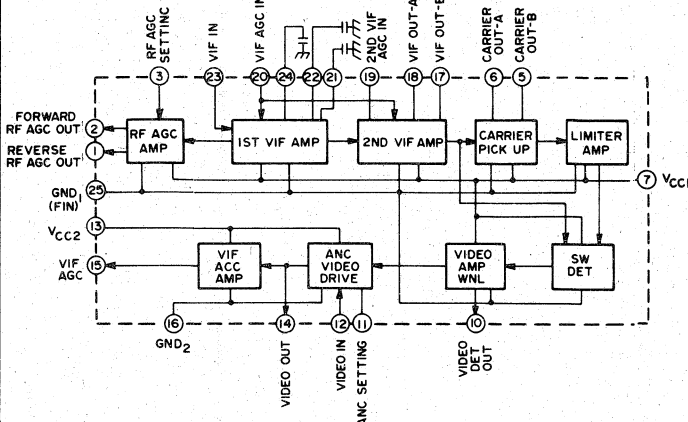
24-Pin DIP-ET See Fig. L153



ECG1306

Video IF

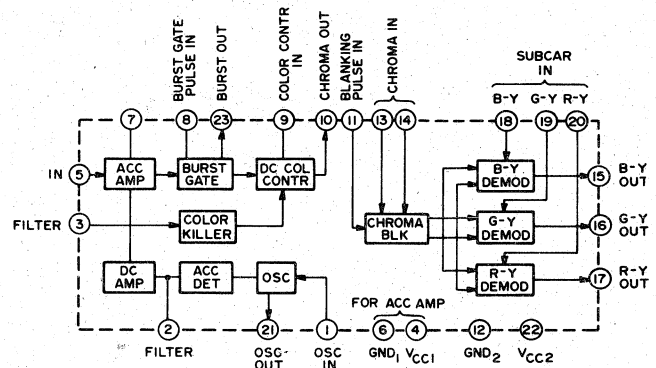
24-Pin DIP-ET See Fig. L153



ECG1307

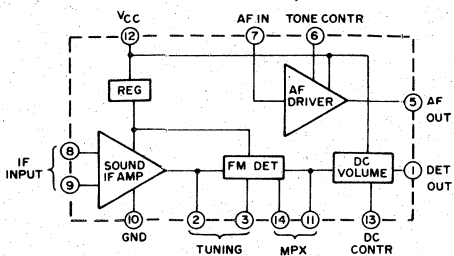
Chroma Processor

24-Pin DIP-ET See Fig. L153

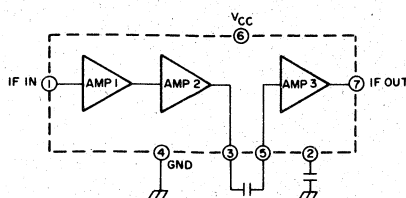


Linear IC and Module Circuits (cont'd)

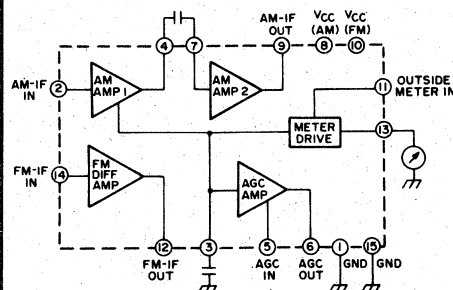
ECG1308 14-Pin DIP See Fig. L105
TV Sound IF, Det
(14-Pin DIP-ET
See Alternate Fig. L143)



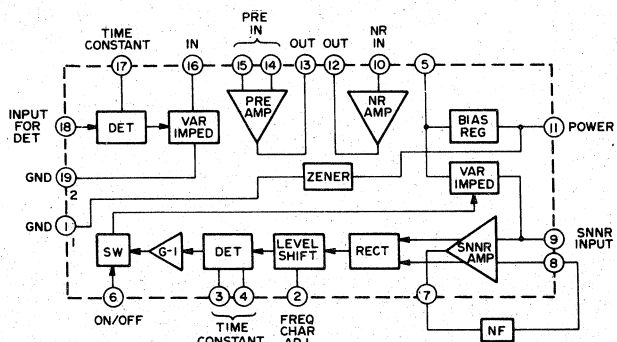
ECG1309 7-Pin SIP See Fig. L28
FM IF



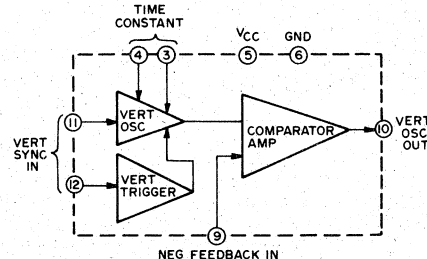
ECG1310 14-Pin DIP-ET See Fig. L142
FM/AM IF, AGC



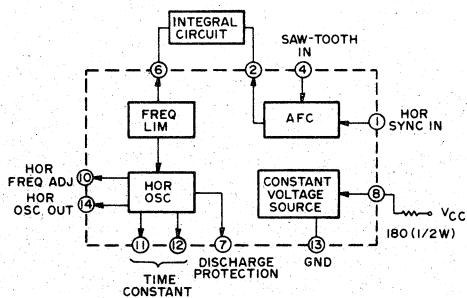
ECG1311 18-Pin DIP-ET See Fig. L152
Noise Cancelling Amp



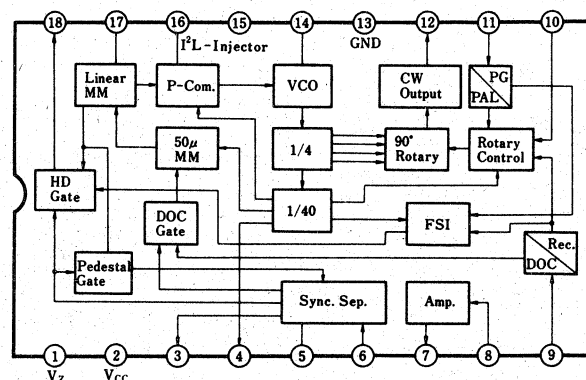
ECG1312 14-Pin DIP See Fig. L104
Vert Osc, Amp



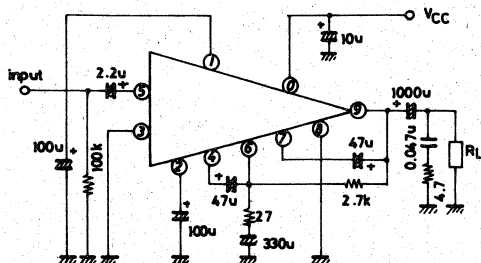
ECG1313 14-Pin DIP-ET See Fig. L141
Horiz Osc, Amp



ECG1314 18-Pin DIP See Fig. L115
VCR Sync Sep/AFC/90° Rotary Circuit, $V_{CC} = 12\text{ V DC}$

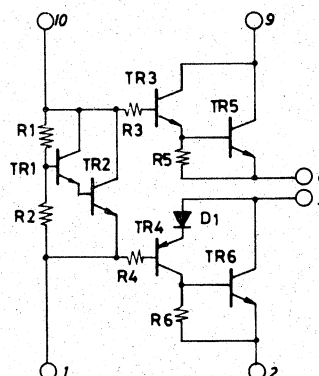


ECG1319 10-Pin SIP See Fig. L53A
Mod-AF PO, 15 W, $V_{CC} = 38\text{ V DC}$, $R_L = 8\ \Omega$



ECG1320 See ECG1280
Page 1-218

ECG1321 10-Pin SIP-M See Fig. L64
Mod-AF PO, 55 W



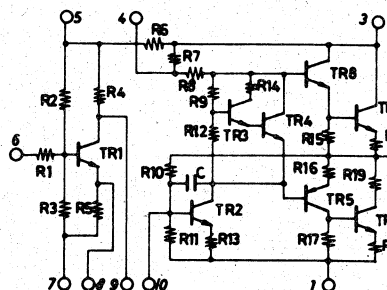
ECG1322 See ECG1281
Page 1-218

Linear IC and Module Circuits (cont'd)

ECG1323

10-Pin SIP-M See Fig. L63

Mod-AF PO, 15 W



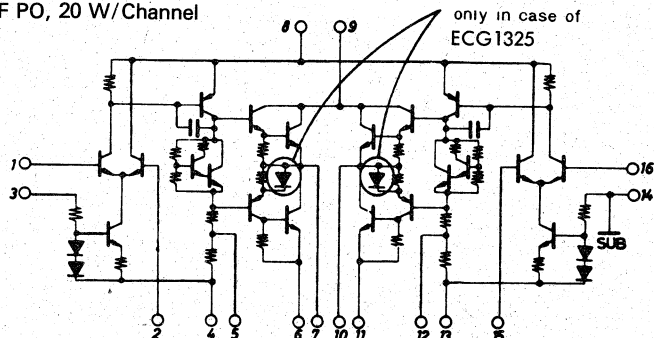
ECG1324

Mod-Dual AF PO, 10 W/Channel

ECG1325

Mod-Dual AF PO, 20 W/Channel

16-Pin SIP-M See Fig. L74



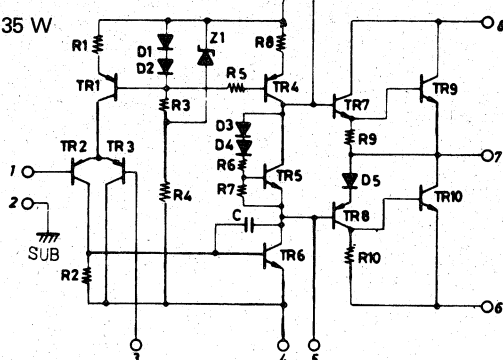
ECG1326

Mod-AF PO, 24 W

10-Pin SIP-M See Fig. L66

ECG1327

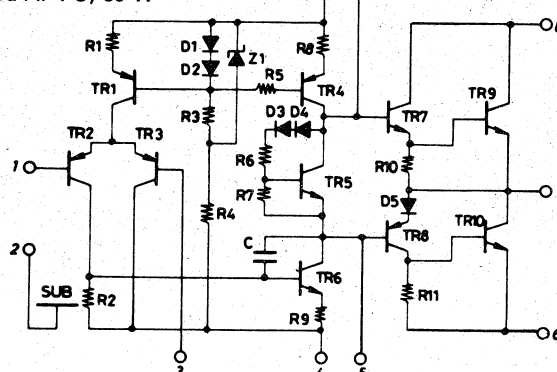
Mod-AF PO, 35 W



ECG1328

Mod-AF PO, 50 W

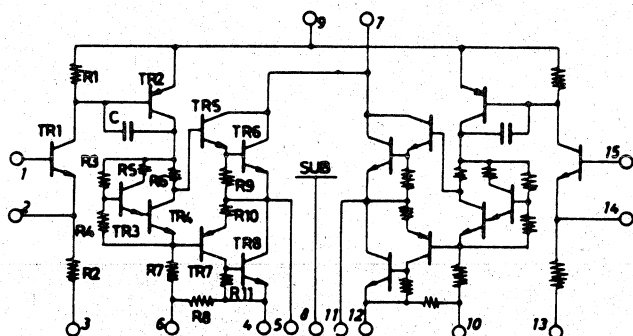
10-Pin SIP-M See Fig. L66



ECG1329

Mod-Dual AF PO, 20 W/Channel

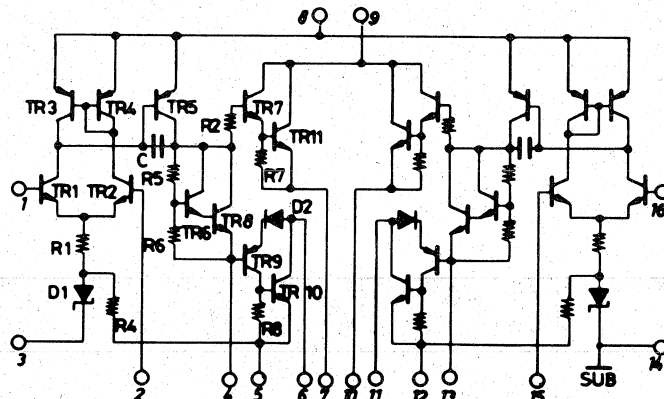
15-Pin SIP-M See Fig. L70



ECG1330

Mod-Dual AF PO, 15 W/Channel

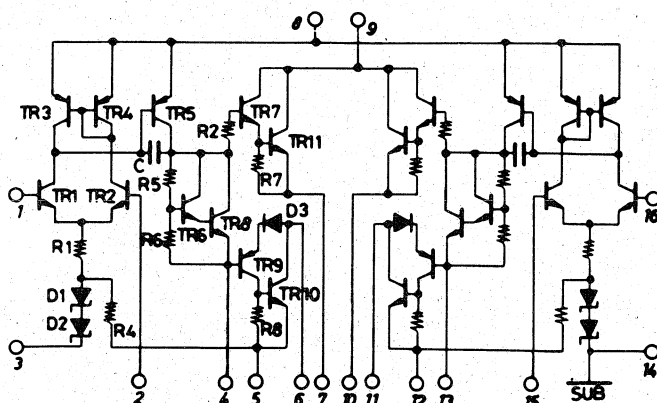
16-Pin SIP-M See Fig. L73



ECG1331

Mod-Dual AF PO, 25 W/Channel

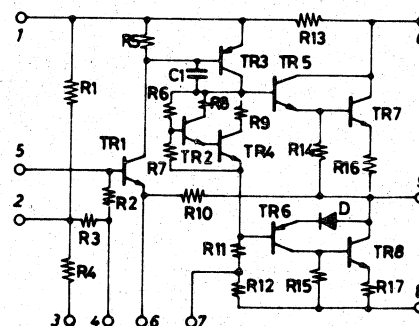
16-Pin SIP-M See Fig. L73



ECG1332

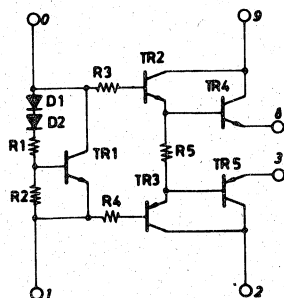
Mod-AF PO, 25 W

10-Pin SIP-M See Fig. L66



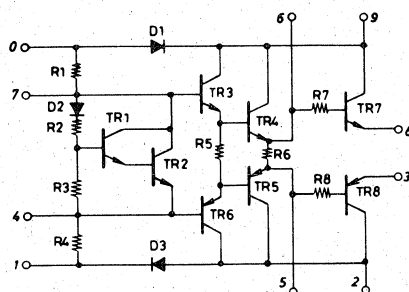
Linear IC and Module Circuits (cont'd)

ECG1333 10-Pin SIP-M See Fig. L63
Mod-AF PO, 40 W, $V_{CC} = \pm 33$ V,
 $R_L = 8 \Omega$

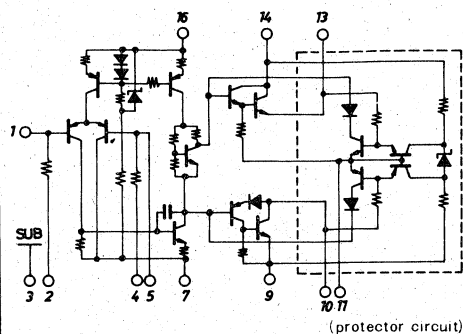


ECG1334 10-Pin SIP-M See Fig. L62
Mod-AF PO, 60 W, $V_{CC} = \pm 41$ V, $R_L = 8 \Omega$

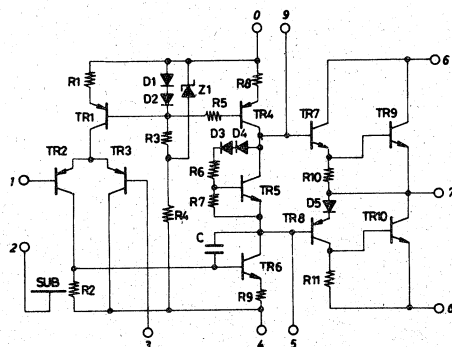
ECG1335 10-Pin SIP-M See Fig. L62
Mod-AF PO, 80 W, $V_{CC} = \pm 47$ V, $R_L = 8 \Omega$



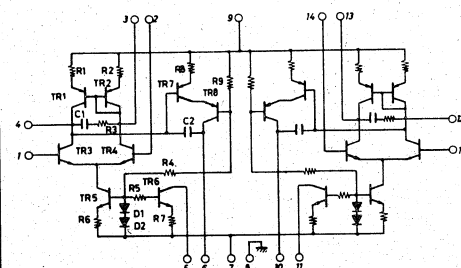
ECG1336 16-Pin SIP-M See Fig. L72
Mod-AF PO, 70 W, $V_{CC} = \pm 42$ V, $R_L = 8 \Omega$



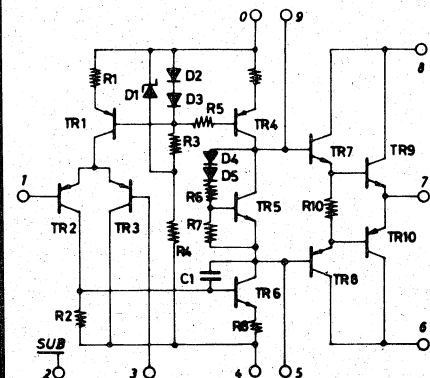
ECG1337 10-Pin SIP-M See Fig. L66
Mod-AF PO, 70 W, $V_{CC} = \pm 42$ V, $R_L = 8 \Omega$



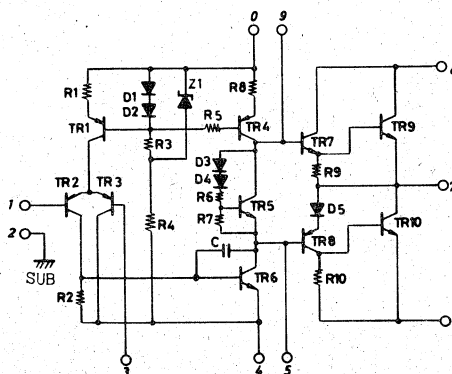
ECG1339 15-Pin SIP-M See Fig. L68
High Power Dual AF Driver Amp



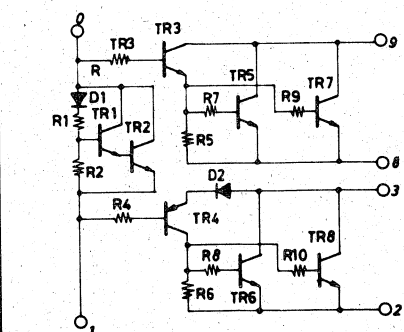
ECG1340 10-Pin SIP-M See Fig. L66
Mod-AF PO, 24 W, $V_{CC} = \pm 25$ V, $R_L = 8 \Omega$



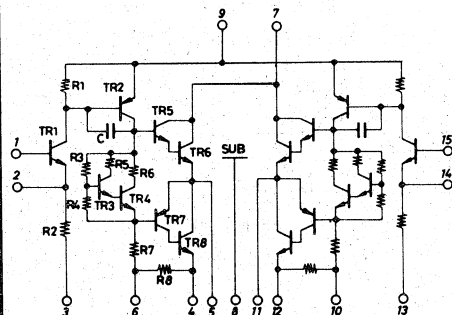
ECG1341 10-Pin SIP-M See Fig. L66
Mod-AF PO, 15 W, $V_{CC} = \pm 20$ V, $R_L = 8 \Omega$



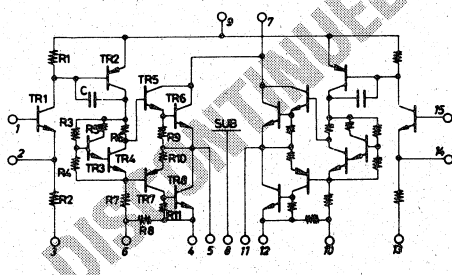
ECG1342 10-Pin SIP-M See Fig. L66
Mod-AF PO, 100 W, $V_{CC} = \pm 50$ V, $R_L = 8 \Omega$



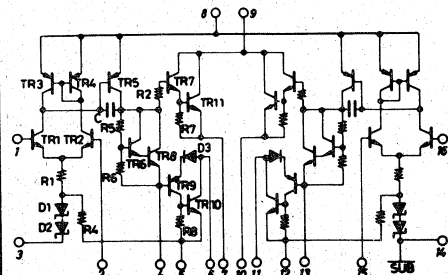
ECG1343 15-Pin SIP-M See Fig. L69
Mod-Bridge (BTL), AF PO, 10 W, $V_{CC} = 13.8$ V,
 $R_L = 4 \Omega$



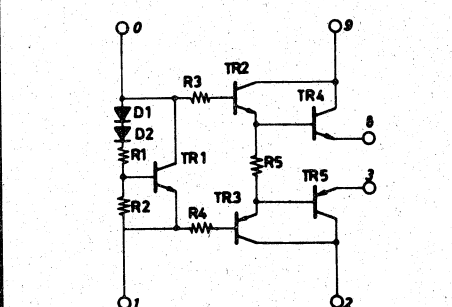
ECG1344 15-Pin SIP-M See Fig. L70
Mod-Dual AF PO, 25 W, $V_{CC} = 49$ V, $R_L = 8 \Omega$



ECG1345 16-Pin SIP-M See Fig. L73
Mod-Dual AF PO, 30 W, $V_{CC} = \pm 28$ V,
 $R_L = 8 \Omega$



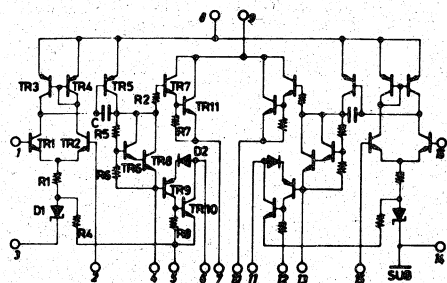
ECG1346 10-Pin SIP-M See Fig. L62
Mod-Darlington Pwr Pack, 60 W,
 $V_{CC} = \pm 40$ V, $R_L = 8 \Omega$



Linear IC and Module Circuits (cont'd)

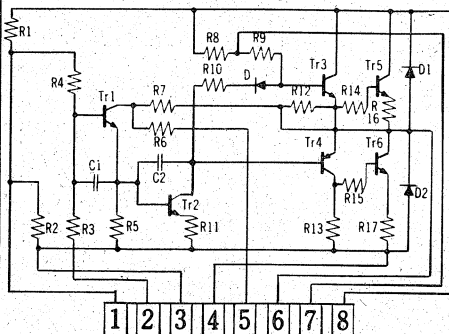
ECG1347 16-Pin SIP-M See Fig. L73

Mod-2 Channel AF PO, 20 W/Channel,
 $V_{CC} = \pm 23 \text{ V}$, $R_L = 8 \Omega$



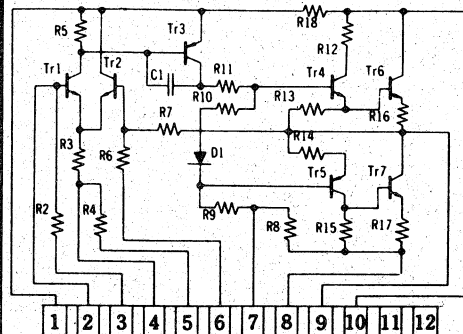
ECG1348 8-Pin SIP See Fig. L60

Mod-AF PO, 20 W, $V_{CC} = \pm 23 \text{ V}$, $R_L = 8 \Omega$



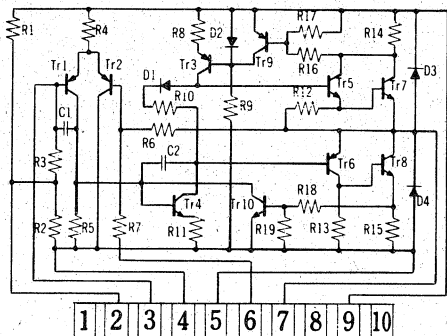
ECG1349 12-Pin SIP See Fig. L67

Mod-AF PO, 20 W, $V_{CC} = \pm 20 \text{ V}$, $R_L = 4 \Omega$



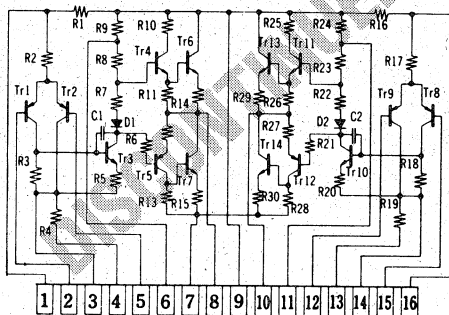
ECG1350 10-Pin SIP See Fig. L61

Mod-AF PO, 50 W, $V_{CC} = \pm 33 \text{ V}$, $R_L = 8 \Omega$



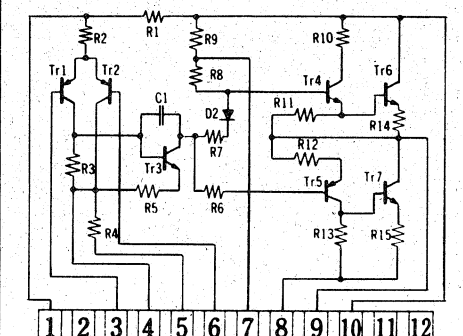
ECG1351 16-Pin SIP See Fig. L75

Mod-Dual AF PO, 25 W, $V_{CC} = \pm 22.5 \text{ V}$,
 $R_L = 4 \Omega$



ECG1352 12-Pin SIP See Fig. L67

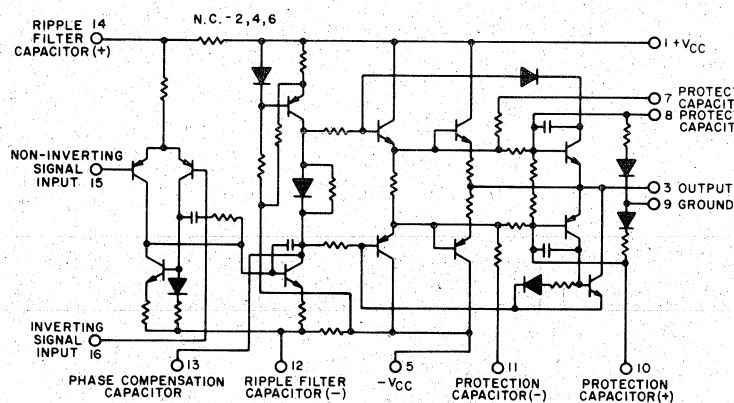
Mod-AF PO, 30 W, $V_{CC} = \pm 24.5 \text{ V}$, $R_L = 4 \Omega$



ECG1353

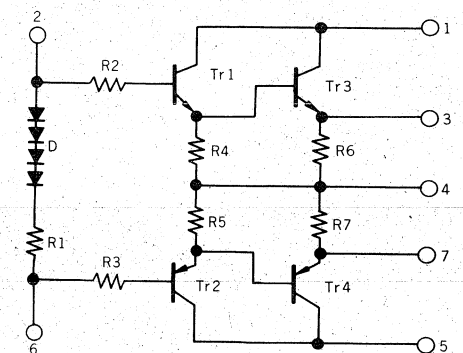
Mod-AF PO, 40 W, $V_{CC} = \pm 25 \text{ V}$, $R_L = 4 \Omega$

16-Pin SIP See Fig. L75



ECG1354

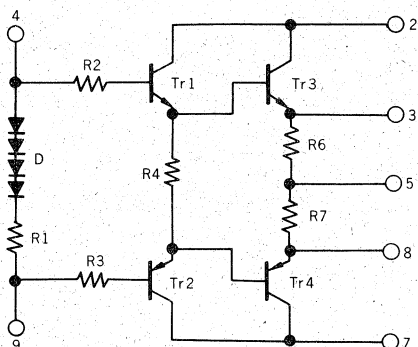
8-Pin SIP See Fig. L60
 Mod-Pwr Darlington, 60 W, $V_{CC} = \pm 40 \text{ V}$,
 $R_L = 8 \Omega$



ECG1355

Mod-Pwr Darlington,
 100 W, $V_{CC} = \pm 50 \text{ V}$,
 $R_L = 8 \Omega$

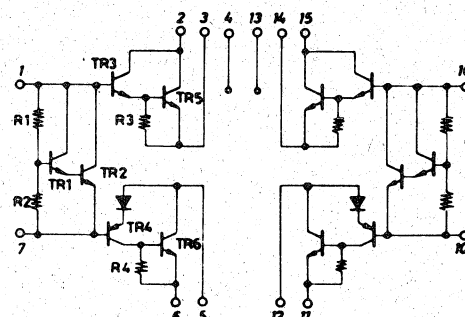
10-Pin SIP See Fig. L61



ECG1356

Mod-Dual AF PO, 25 W, $V_{CC} = \pm 25 \text{ V}$, $R_L = 8 \Omega$

16-Pin SIP-M See Fig. L73

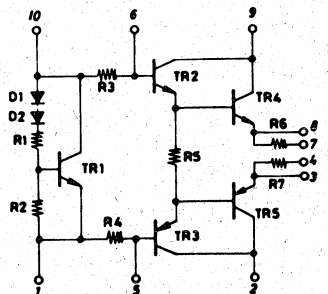


Linear IC and Module Circuits (cont'd)

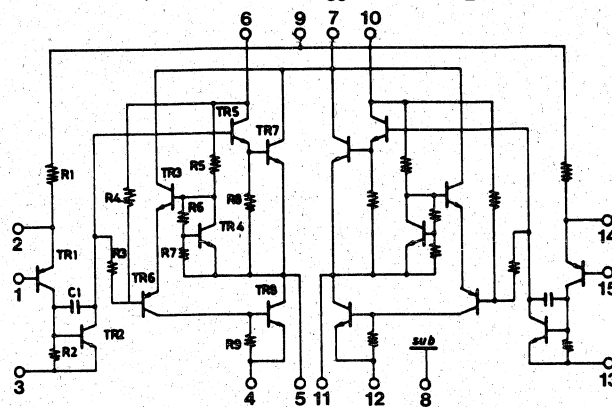
ECG1357 10-Pin SIP-M See Fig. L64
Mod-Pwr Darlington, 40 W, $V_{CC} = \pm 33$ V, $R_L = 8 \Omega$

ECG1358
Mod-Pwr Darlington, 50 W, $V_{CC} = \pm 36$ V, $R_L = 8 \Omega$

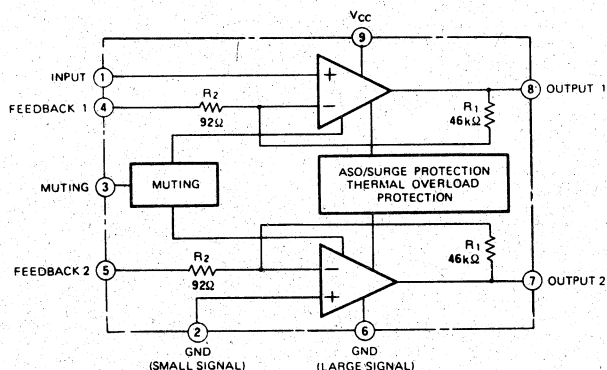
ECG1360
Mod-Pwr Darlington, 60 W, $V_{CC} = \pm 40$ V, $R_L = 8 \Omega$



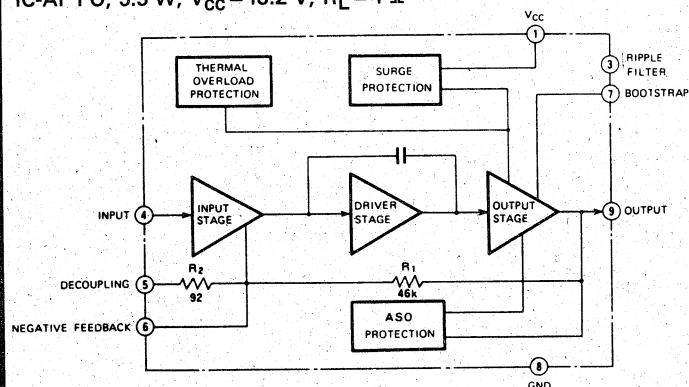
ECG1359 15-Pin SIP-M See Fig. L69
Mod-Dual AF PO, 22 W/Channel, $V_{CC} = +31$ V, $R_L = 4 \Omega$



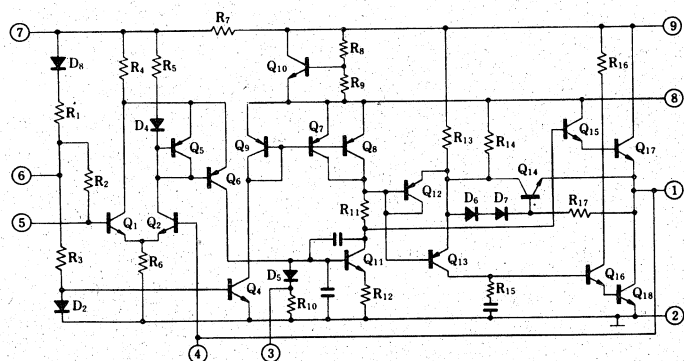
ECG1361 9-Pin SIP-HS See Fig. L80
IC-AF Pwr Amp, 12 W Bridge (BTL), $V_{CC} = 13.2$ V, $R_L = 4 \Omega$



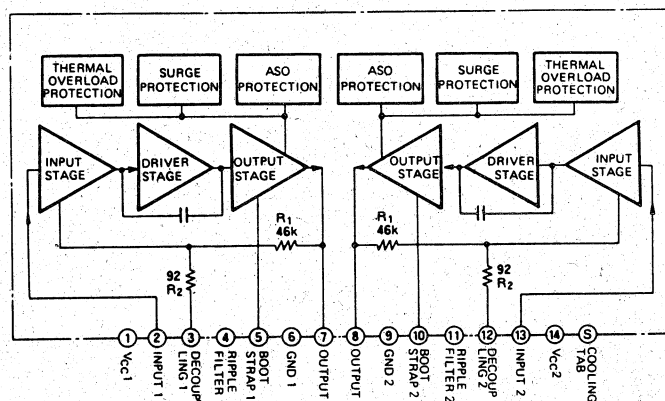
ECG1362 9-Pin SIP-HS See Fig. L80
IC-AF PO, 5.5 W, $V_{CC} = 13.2$ V, $R_L = 4 \Omega$



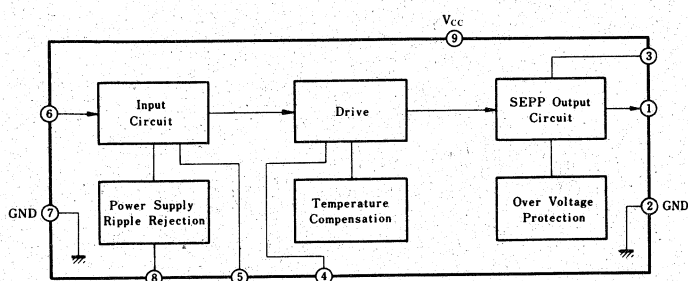
ECG1363 9-Pin SIP-HS See Fig. L79
IC-AF PO, 4.2 W, $V_{CC} = 13.2$ V, $R_L = 4 \Omega$



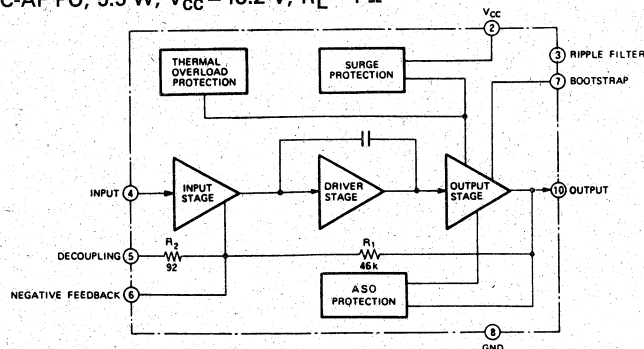
ECG1364 14-Pin SIP See Fig. L59
IC-AF PO, Dual 5.5 Bridge (BTL), 16 W, $V_{CC} = 13.2$ V, $R_L = 4 \Omega$



ECG1365 9-Pin SIP-HS See Fig. L79
IC-AF PO, 5 W, $V_{CC} = 13.2$ V, $R_L = 4 \Omega$



ECG1366 10-Pin SIP-HS See Fig. L84
IC-AF PO, 5.5 W, $V_{CC} = 13.2$ V, $R_L = 4 \Omega$

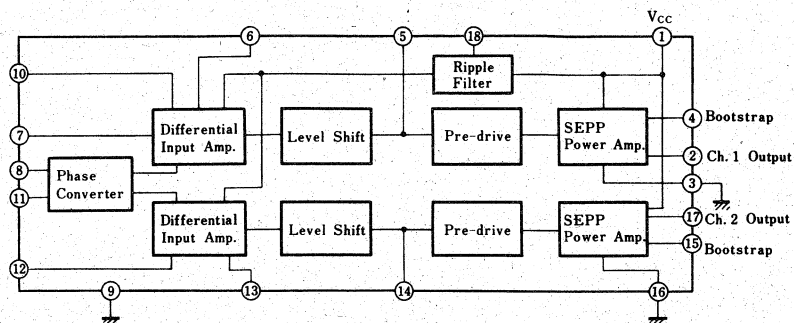


Linear IC and Module Circuits (cont'd)

ECG1367

18-Pin DIP See Fig. L116

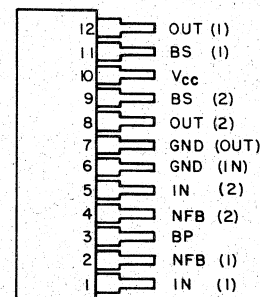
IC-AF PO, Dual 5 W, $R_L = 4 \Omega$, Bridge (BTL), 10 W, $R_L = 8 \Omega$, $V_{CC} = 13.2 \text{ V}$



ECG1368

12-Pin SIP See Fig. L57

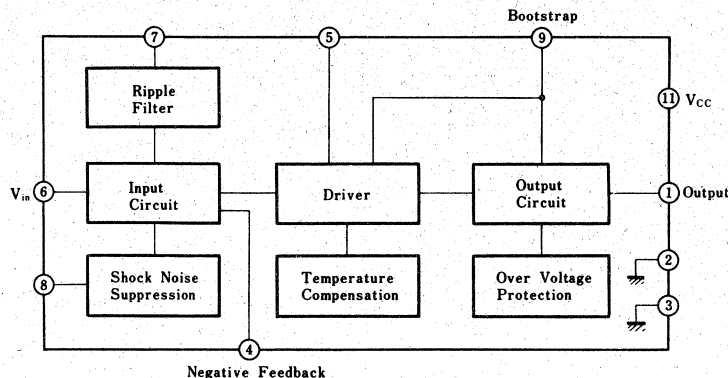
IC-Dual AF PO, 5.8 W, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$



ECG1369

11-Pin SIP See Fig. L54

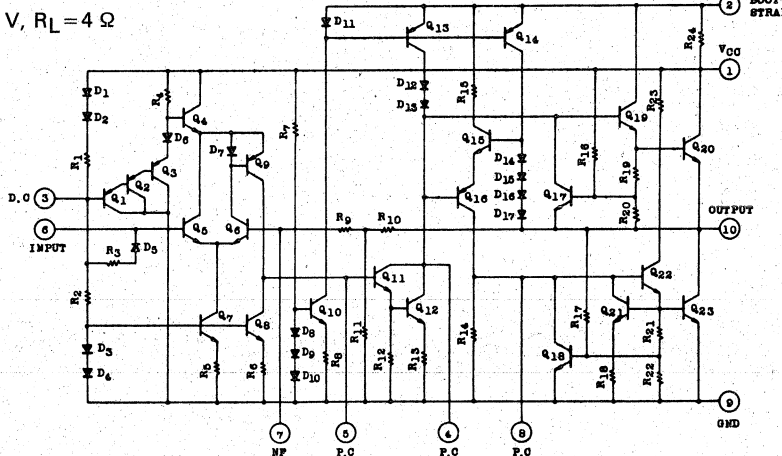
IC-AF PO, 5.5 W, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$



ECG1370

IC-AF PO, 5.8 W, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$

10-Pin SIP-HS See Fig. L86

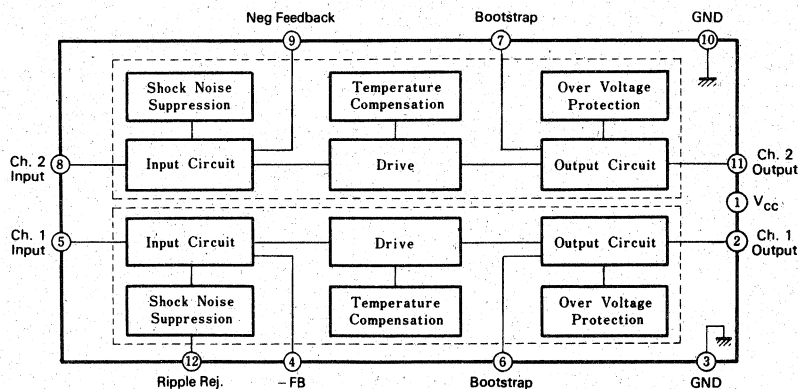


D.O : De coupling
F.O : phase compensation

ECG1371

IC-Dual AF PO, 5.5 W,
 $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$

12-Pin SIP See Fig. L55

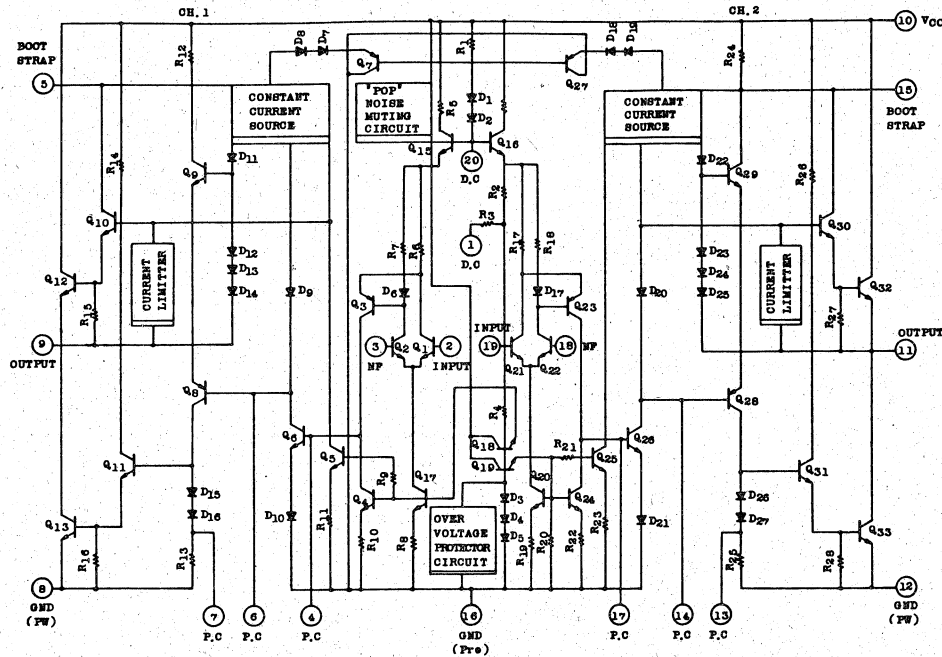


Linear IC and Module Circuits (cont'd)

ECG1372

IC-Dual AF PO, 3.9 W, Bridge (BTL), 12 W, $V_{CC} = 12\text{ V}$, $R_L = 4\ \Omega$

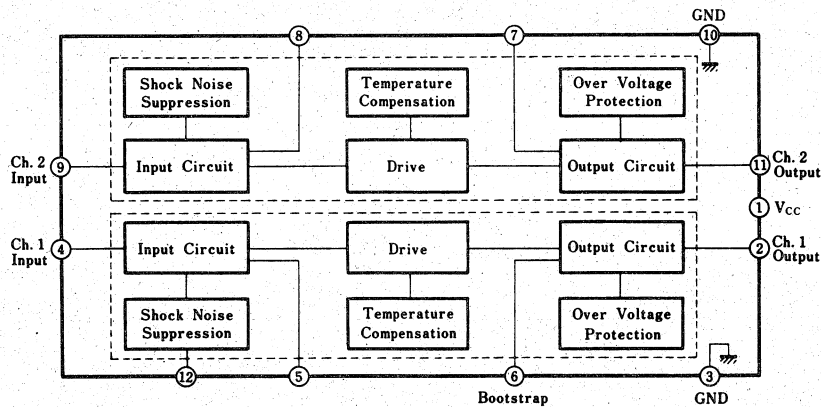
20-Pin DIP See Fig. L119



ECG1373

IC-Dual AF PO, 5.5 W, $V_{CC} = 13.2\text{ V}$, $R_L = 4\ \Omega$

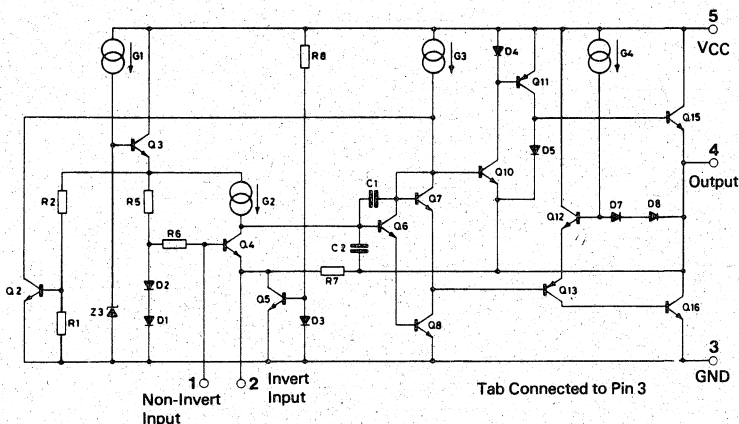
12-Pin SIP See Fig. L55



ECG1374

IC-AF PO, 12 W, $V_{CC} = 22\text{ V}$, $R_L = 4\ \Omega$

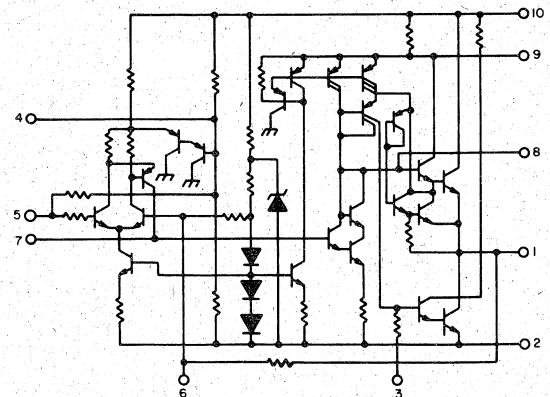
TO-220, 5-Pin See Fig. L19



ECG1375

IC-AF PO, 5.8 W, $V_{CC} = 13.2\text{ V}$, $R_L = 4\ \Omega$

10-Pin SIP-HS See Fig. L87

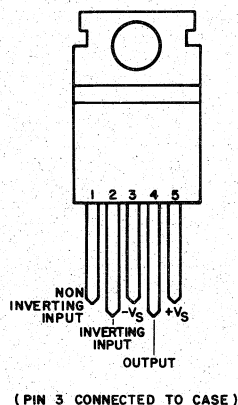


Linear IC and Module Circuits (cont'd)

ECG1376

TO-220, 5-Pin See Fig. L19

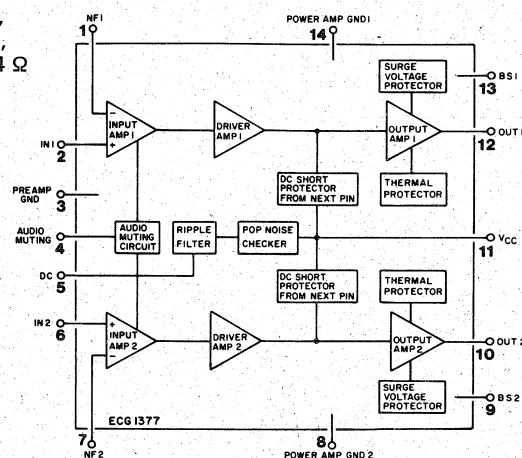
IC-AF PO, 22 W, $V_{CC}=32$ V, $R_L=4$ Ω



ECG1377

14-Pin SIP See Fig. L58

IC-Dual AF PO, 6 W,
Bridge (BTL), 19 W,
 $V_{CC}=13.2$ V, $R_L=4$ Ω

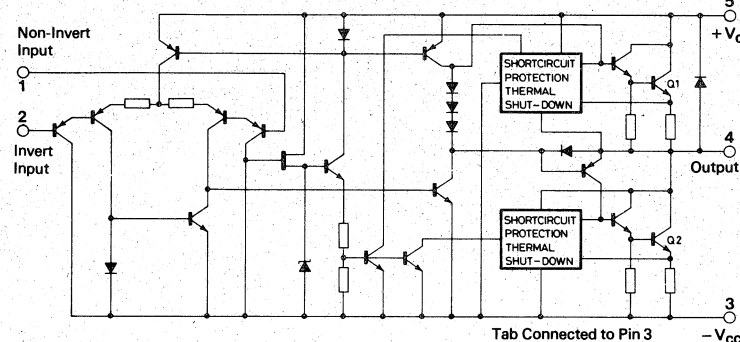


ECG1378

IC-AF PO, 10 W, $V_{CC}=\pm 12$ V,
 $R_L=4$ Ω

ECG1380

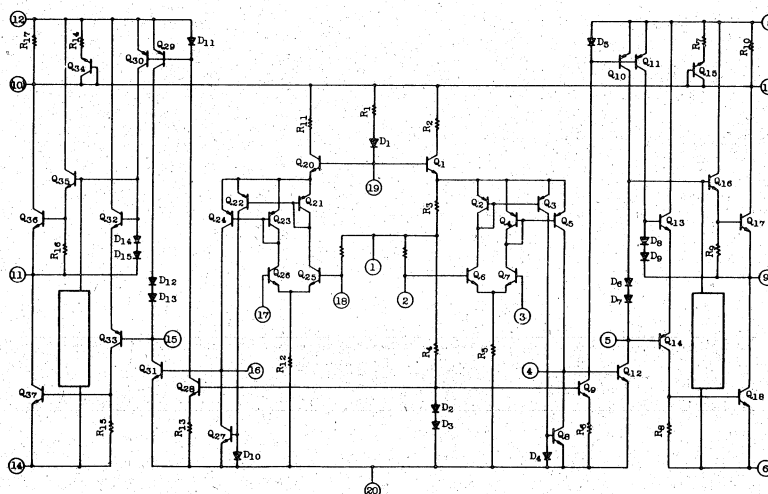
IC-AF PO, 14 W, $V_{CC}=14$ V,
 $R_L=4$ Ω



TO-220, 5-Pin See Fig. L19

ECG1379

IC-Dual AF PO, 5.5 W,
 $V_{CC}=9$ V, $R_L=4$ Ω

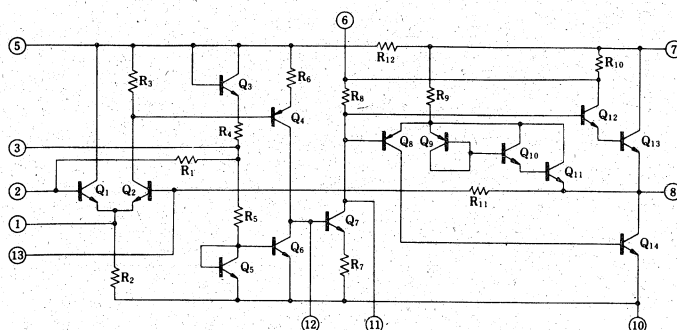


20-Pin DIP See Fig. L119

ECG1381

14-Pin DIP-ET See Fig. L147

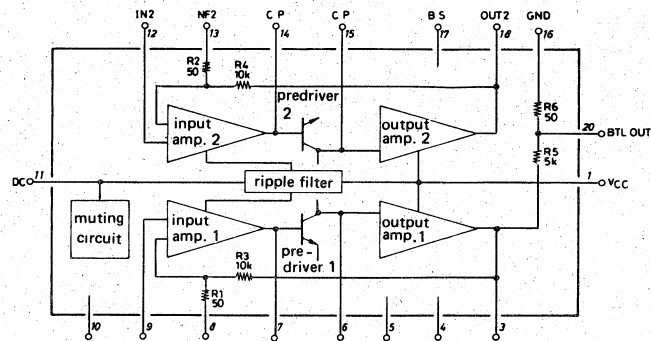
IC-AF PO, 2.1 W, $V_{CC}=9$ V, $R_L=4$ Ω



ECG1382

20-Pin DIP (18 Pins) See Fig. L120

IC-Dual AF PO, 4.2 W, Bridge (BTL), 9 W, $V_{CC}=12$ V, $R_L=4$ Ω

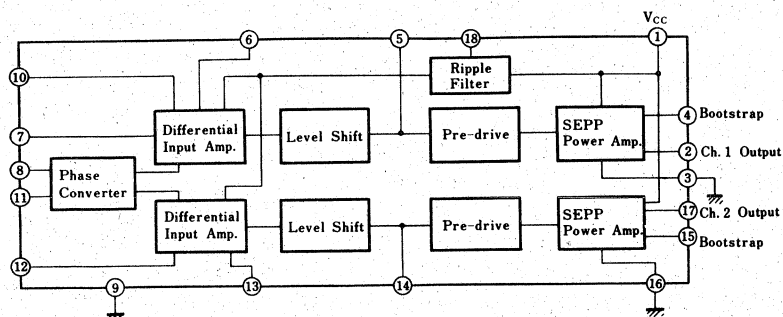


Linear IC and Module Circuits (cont'd)

ECG1383

18-Pin DIP See Fig. L116

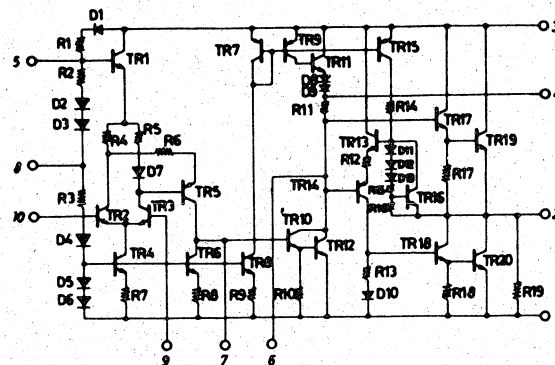
IC-Dual AF PO, 5.1 W, $R_L = 4 \Omega$, Bridge (BTL), 10.5 W, $R_L = 8 \Omega$, $V_{CC} = 13.2 \text{ V}$



ECG1384

10-Pin SIP-HS See Fig. L88

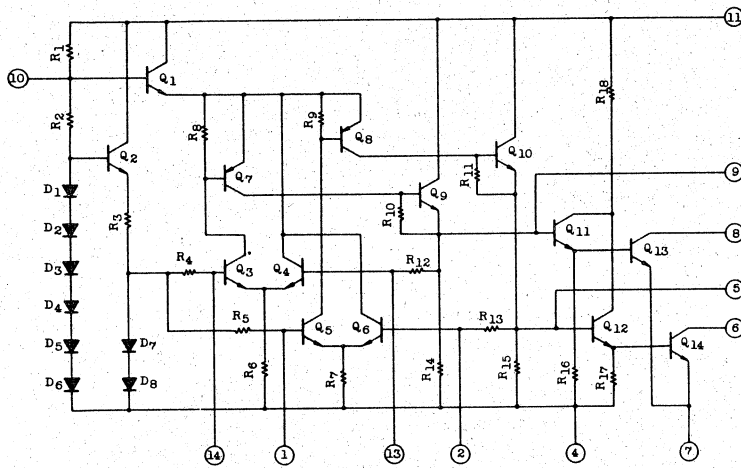
IC-AF PO, 3.5 W, $V_{CC} = 16 \text{ V}$, $R_L = 8 \Omega$



ECG1385

14-Pin DIP-W See Fig. L133

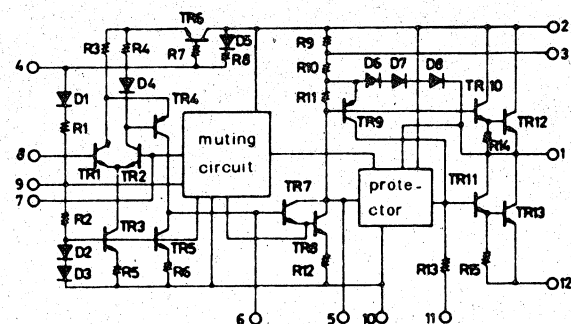
IC-AF PO, 3.8 W, $V_{CC} = 9 \text{ V}$, $R_L = 8 \Omega$



ECG1386

12-Pin SIP-HS See Fig. L91

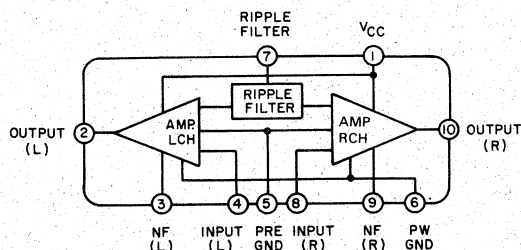
IC-AF PO, 8 W, $V_{CC} = 25 \text{ V}$, $R_L = 8 \Omega$



ECG1387

10-Pin SIP-HS See Fig. L85

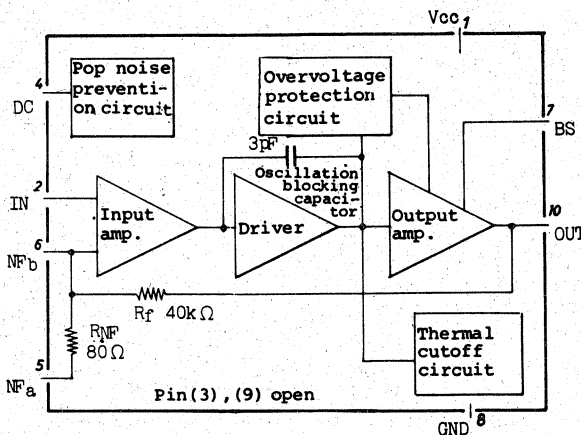
IC-Dual AF PO, 2.4 W, $V_{CC} = 14 \text{ V}_{DC}$, $R_L = 8 \Omega$

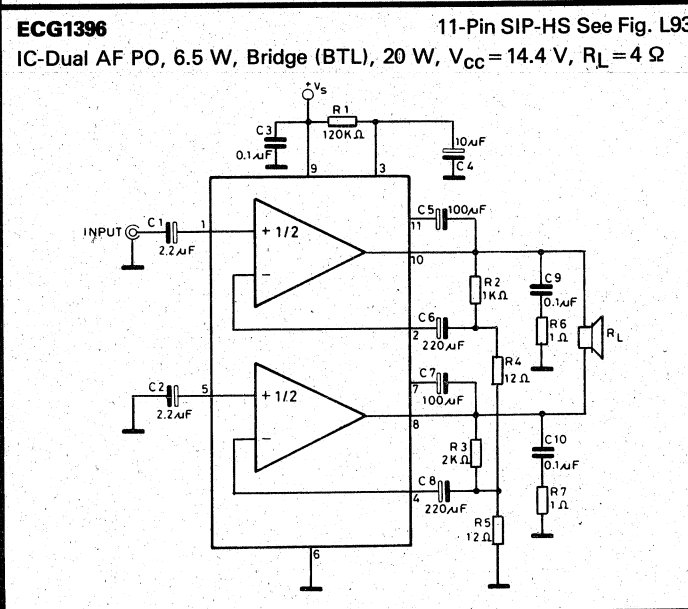


ECG1388

10-Pin SIP-HS See Fig. L88

IC-AF PO, 5.8 W, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$



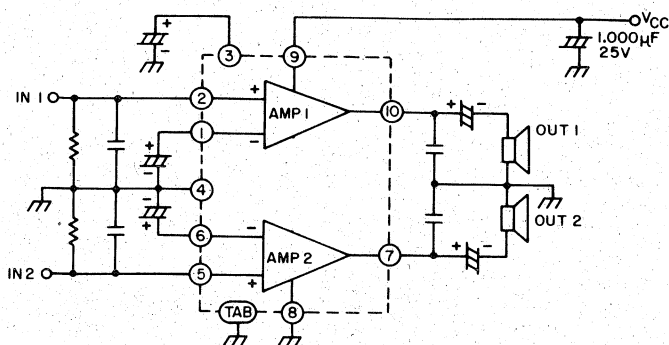


Linear IC and Module Circuits (cont'd)

ECG1397

10-Pin SIP-HS See Fig. L83

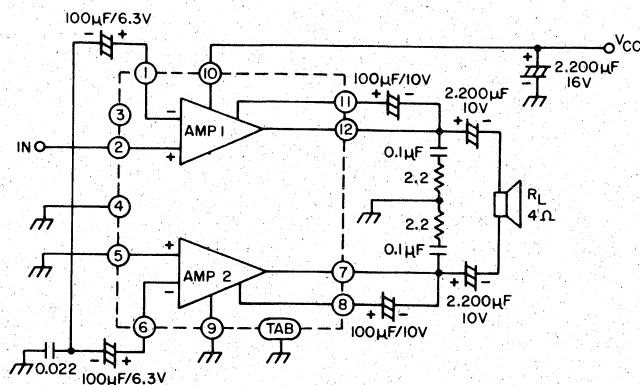
Dual AF PO, 4 W, $V_{CC} = 17 \text{ V}$, $R_L = 8 \Omega$



ECG1398

12-Pin SIP-HS See Fig. L92

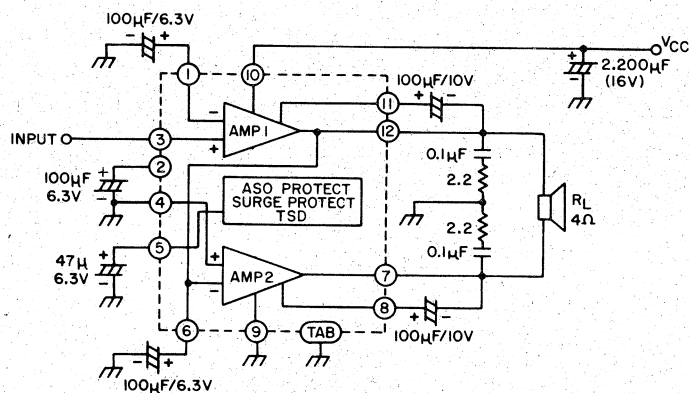
Dual AF PO, 5.8 W, Bridge (BTL) 17 W, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$



ECG1399

12-Pin SIP-HS See Fig. L92

AF PO, 18 W, $V_{CC} = 13.2 \text{ V}$, $R_L = 4 \Omega$



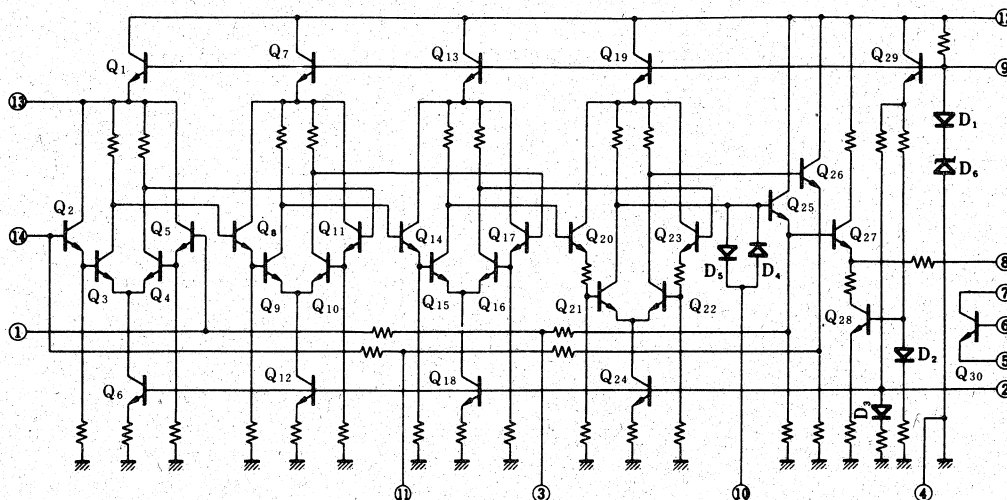
Package Outlines - See Page 1-297

Linear IC and Module Circuits (cont'd)

ECG1400

IC-FM Limiter

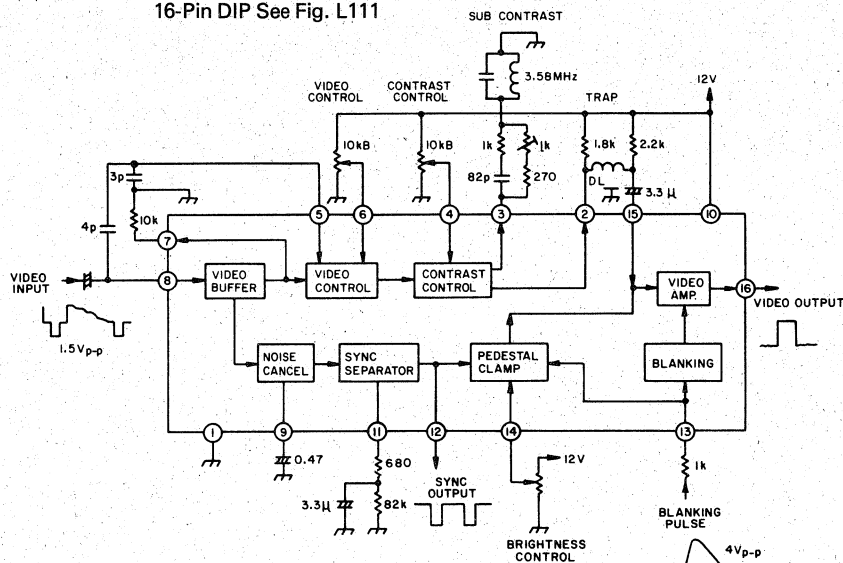
14-Pin DIP See Fig. L104



ECG1401

IC-TV Video Amp

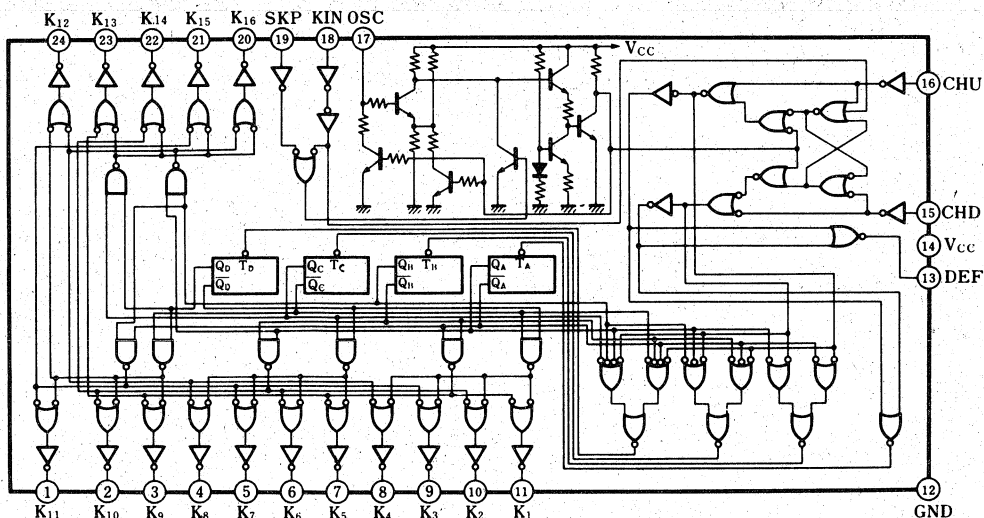
16-Pin DIP See Fig. L111



ECG1402

IC-Electronic Channel Selector Circuit

24-Pin DIP See Fig. L122

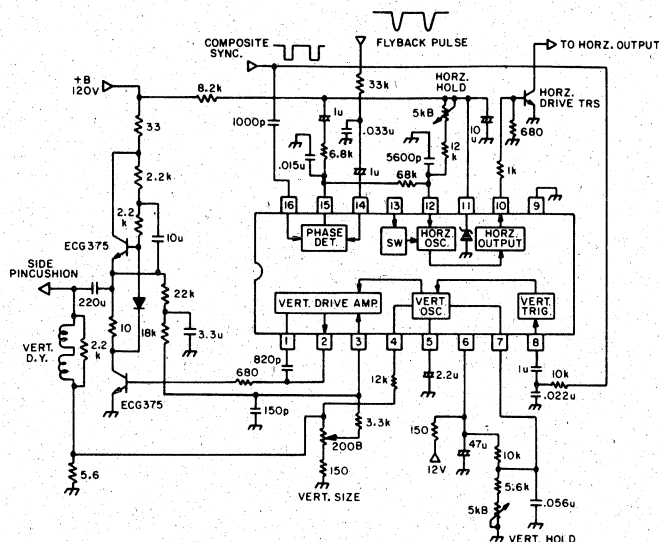


Linear IC and Module Circuits (cont'd)

ECG1403

16-Pin DIP See Fig. L111

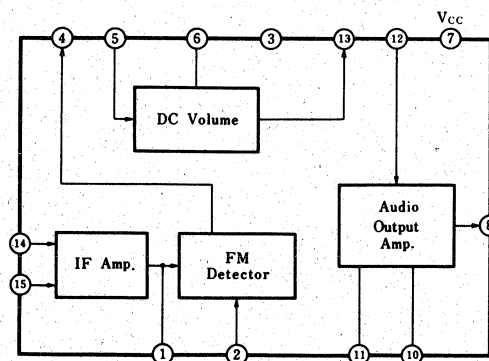
IC-TV Vertical, Horizontal Driver



ECG1404

16-Pin DIP-ET See Fig. L151

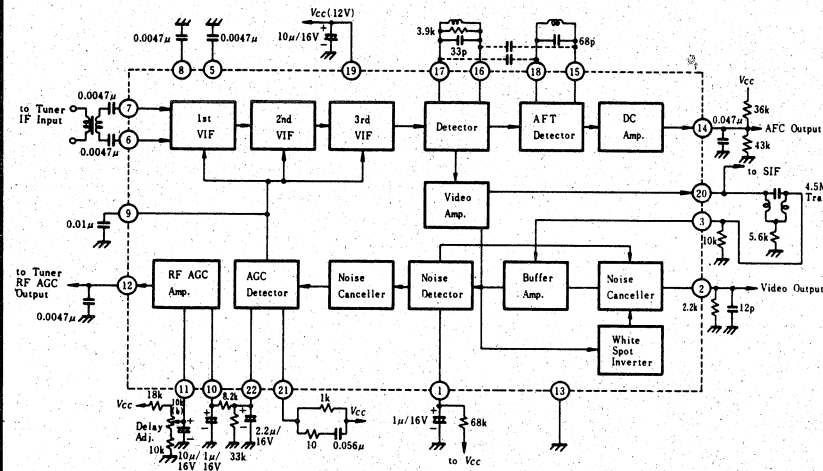
IC-TV Sound IF Amp, Det, AF PO



ECG1405

22-Pin DIP See Fig. L121

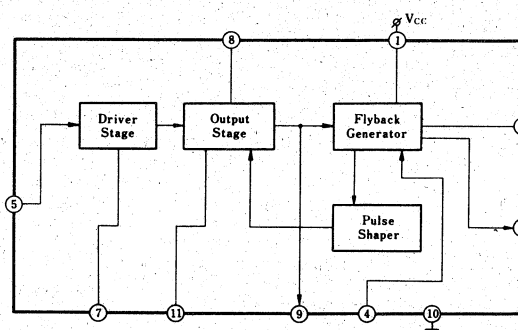
IC-TV Video IF Amp (Rev AGC)



ECG1406

11-Pin SIP See Fig. L54

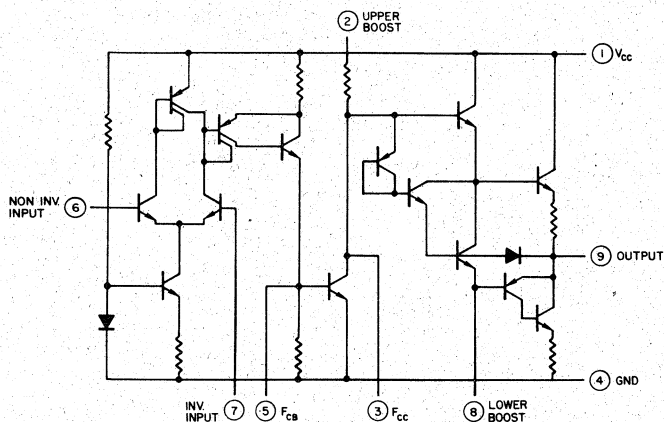
IC-TV Vertical Deflection Output



ECG1407

9-Pin SIP-HS See Fig. L81

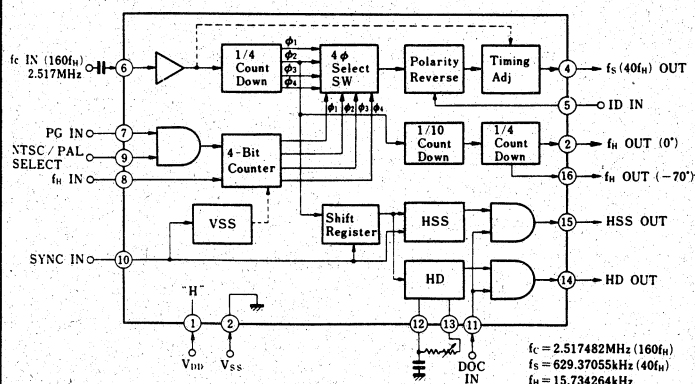
IC-Audio Pwr Amp, 4.4 W, $V_{CC} = 13.2$ V, $R_L = 4 \Omega$



ECG1408

16-Pin DIP See Fig. L112

IC-VCR Color Signal Processor (CMOS)

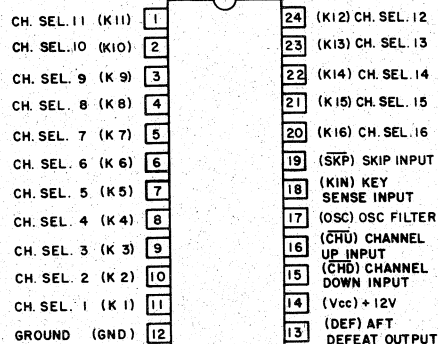


Linear IC and Module Circuits (cont'd)

ECG1409

24-Pin DIP See Fig. L122

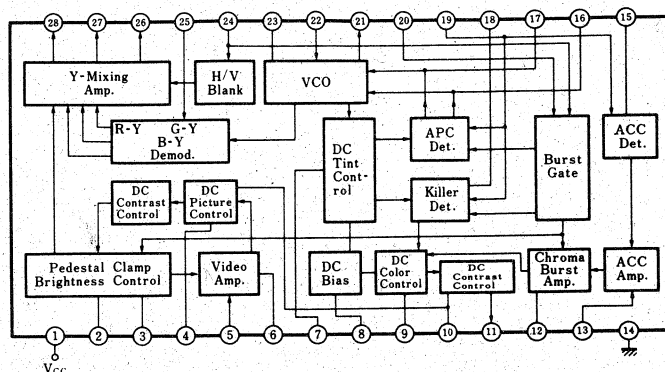
IC-Electronic Channel Selector



ECG1410

28-Pin DIP See Fig. L124

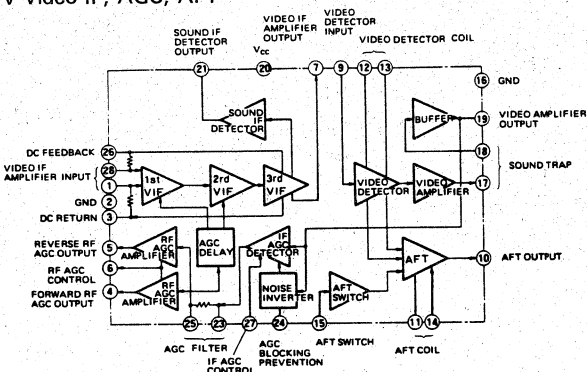
IC-TV Video and Chroma Processor



ECG1411

28-Pin DIP See Fig. L124

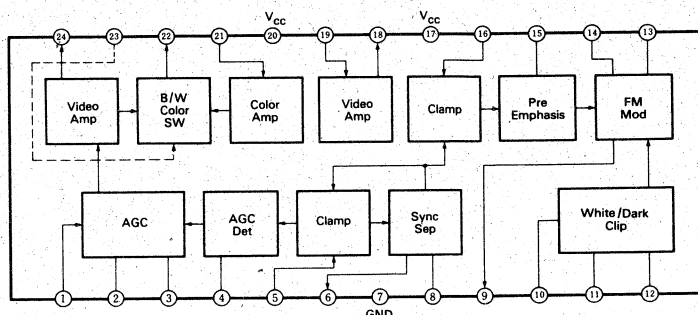
IC-TV Video IF, AGC, AFT



ECG1412

24-Pin DIP See Fig. L122

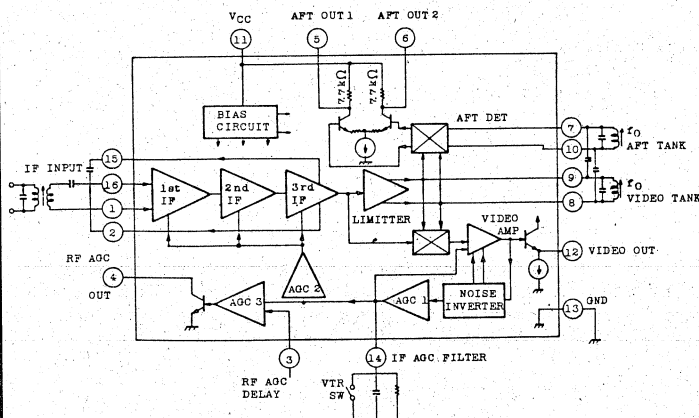
IC-VCR Video Signal Processor



ECG1413

16-Pin DIP See Fig. L111

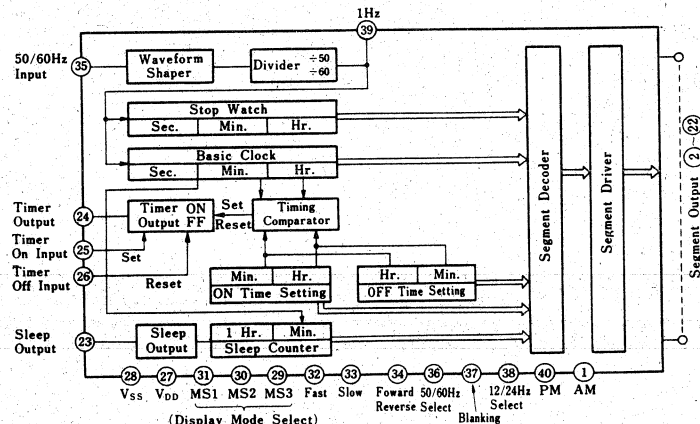
IC-VIF Video AGC Amp w/AFT



ECG1414

40-Pin DIP See Fig. L125

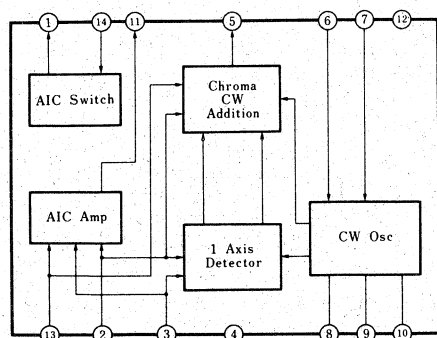
IC-VCR Digital Clock, Timer (CMOS)



ECG1415

14-Pin DIP See Fig. L104

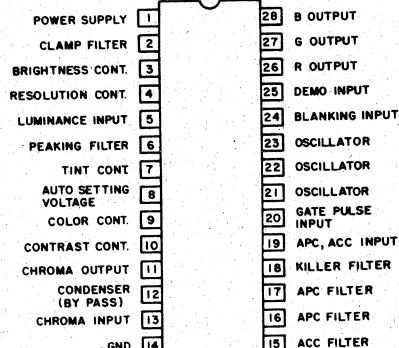
IC-TV Color Compensation Ckt



ECG1416

28-Pin DIP See Fig. L124

IC-Luminance Amp, Chroma Demod

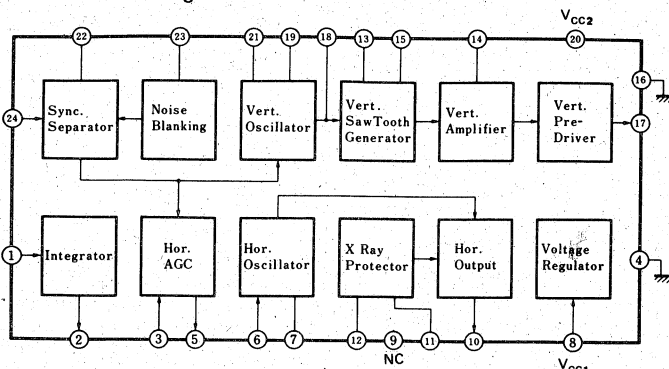


Linear IC and Module Circuits (cont'd)

ECG1417

24-Pin DIP See Fig. L122

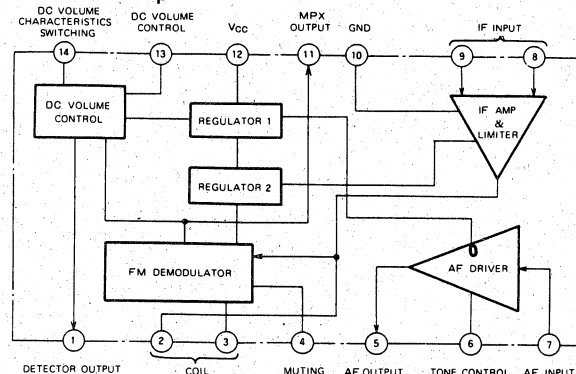
IC-TV Deflection Signal Processor



ECG1418

14-Pin DIP See Fig. L105

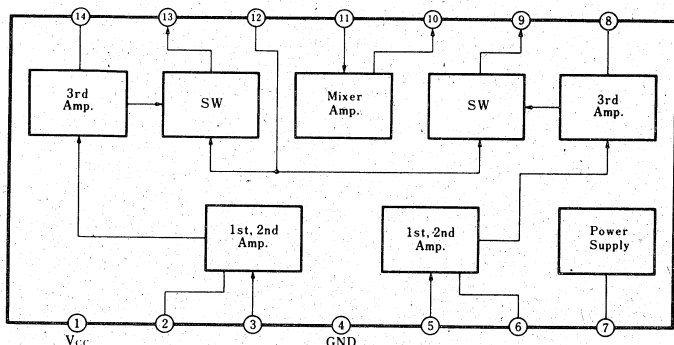
IC-TV Sound IF Amp



ECG1419

14-Pin DIP See Fig. L104

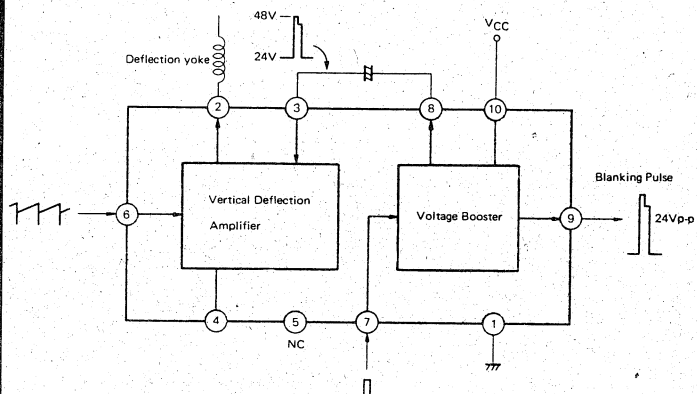
IC-VCR Head Amp



ECG1420

10-Pin SIP-HS See Fig. L90

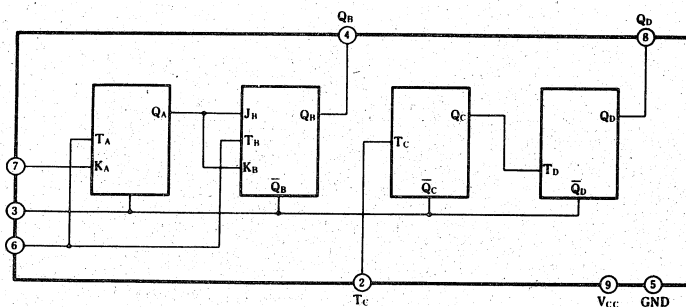
IC-TV Vert Output



ECG1421

9-Pin SIP See Fig. L41

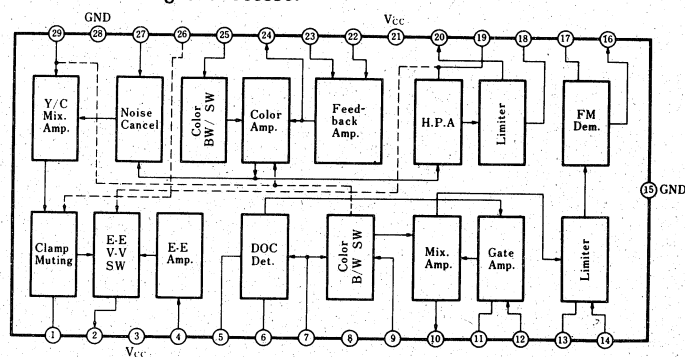
IC-VCR Freq Divider



ECG1422

28-Pin DIP-HS See Fig. L154

IC-VCR Video Signal Processor



ECG1423

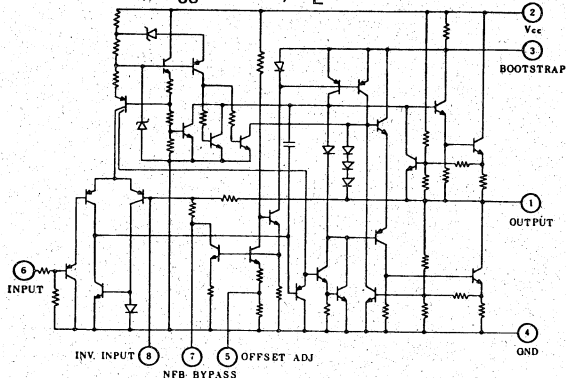
8-Pin SIP-HS See Fig. L77

IC-AF PO, 5.7 W, $V_{CC} = 13.2$ V, $R_L = 4\Omega$

ECG1424

8-Pin SIP-HS See Fig. L78

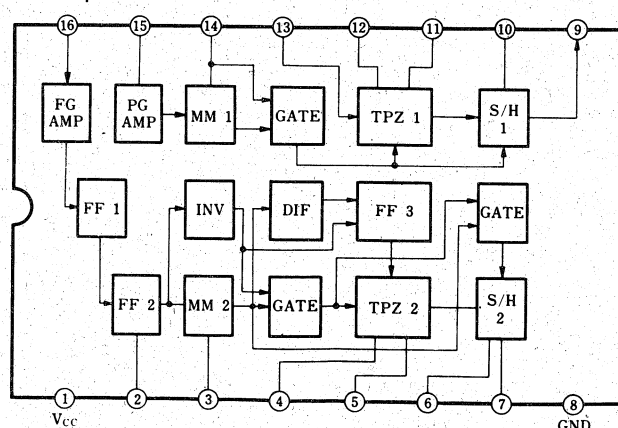
IC-AF PO, 5.7 W, $V_{CC} = 13.2$ V, $R_L = 4\Omega$



ECG1425

16-Pin DIP See Fig. L111

IC-VCR Capstan Servo Control

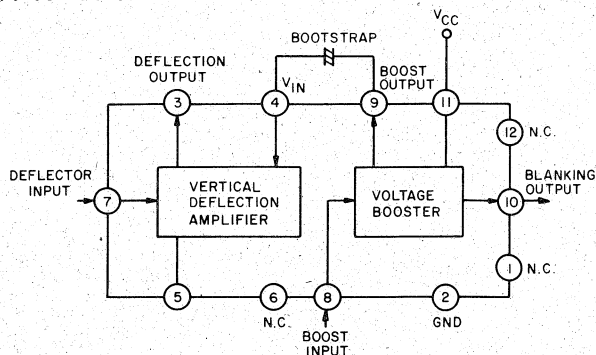


Linear IC and Module Circuits (cont'd)

ECG1426

IC-TV Vert Deflection

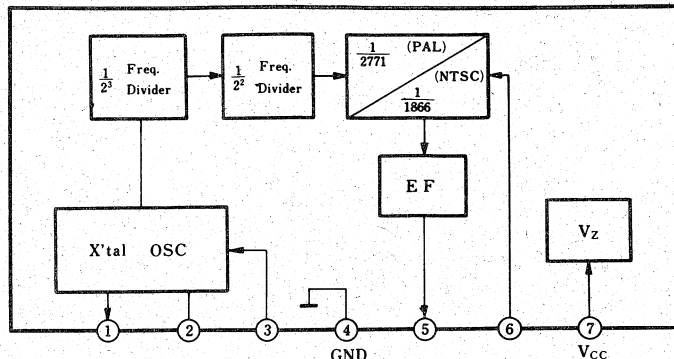
12-Pin SIP See Fig. L57



ECG1427

IC-VCR Reference Freq Divider

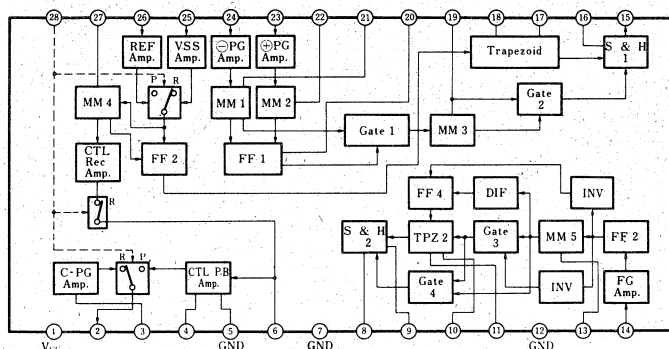
7-Pin SIP See Fig. L27



ECG1428

IC-VCR Cylinder Servo Control

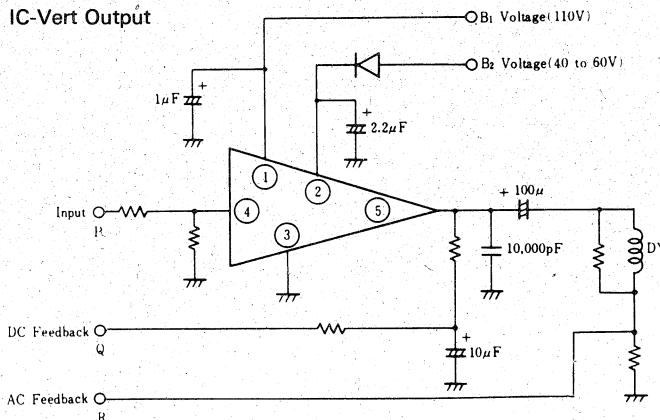
28-Pin DIP See Fig. L124



ECG1429

IC-Vert Output

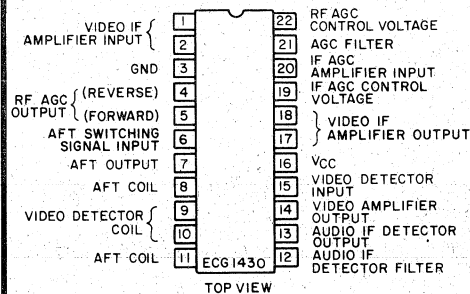
TO-220, 5-Pin See Fig. L19



ECG1430

IC-TV VIF Amp, Det, AFT, AGC and Video Amp

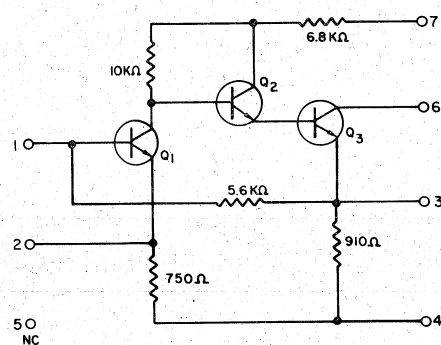
22-Pin DIP See Fig. L121



ECG1431

IC-Audio Driver

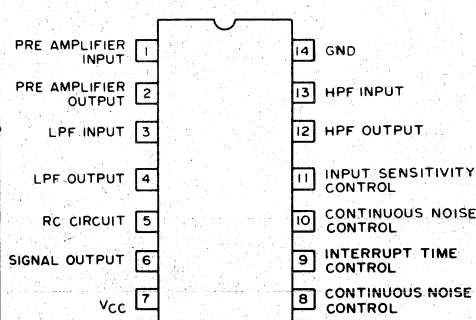
7-Pin SIP See Fig. L26



ECG1432

IC-FM Noise Canceller (Auto Ignition)

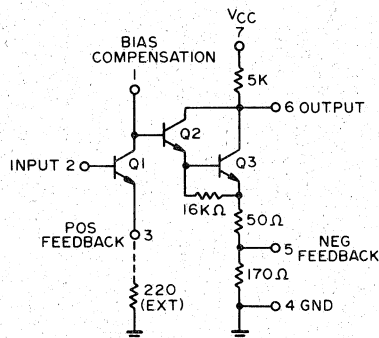
14-Pin DIP See Fig. L104



ECG1433

IC-Audio Preamp

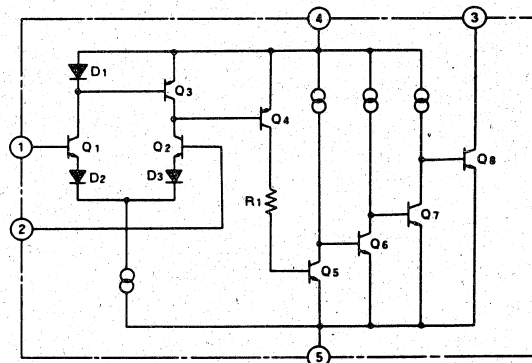
7-Pin SIP See Fig. L26



ECG1434

IC-Voltage Comparator, Open Collector Output

5-Pin SIP See Fig. L22

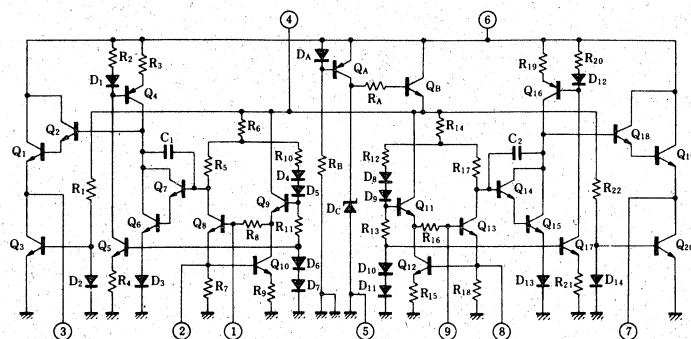


Linear IC and Module Circuits (cont'd)

ECG1435

9-Pin SIP See Fig. L41

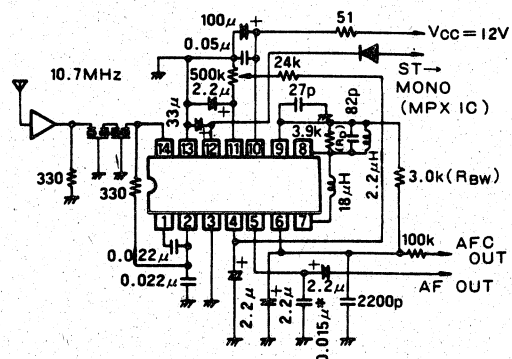
IC-Dual Audio Preamp



ECG1436

14-Pin DIP See Fig. L104

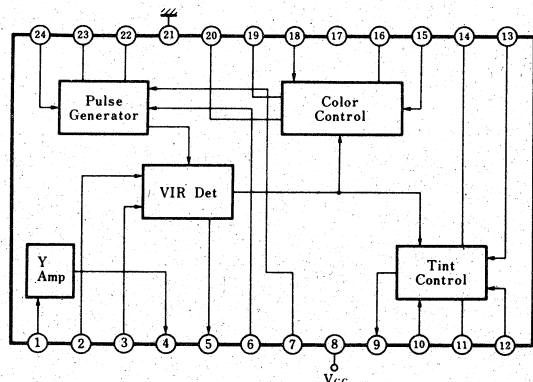
IC-FM IF Amp, Limiter, Det, AFC, Stereo-Mono Switch



ECG1437

24-Pin DIP See Fig. L122

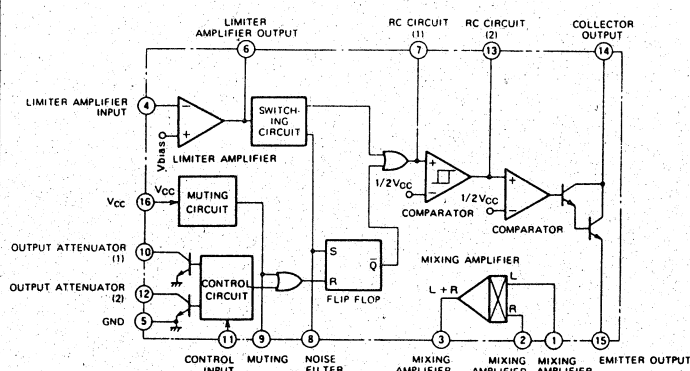
IC-VIR Signal Processor



ECG1438

16-Pin ZIL See Fig. L47

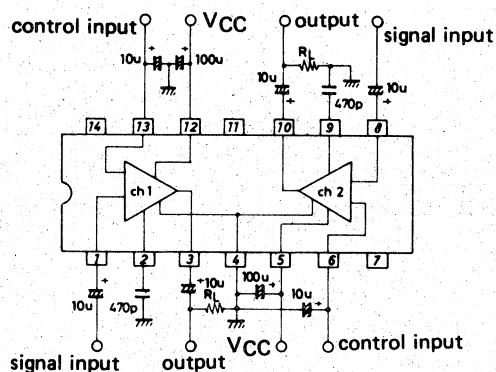
IC-Audio Tape Program Selector



ECG1439

14-Pin DIP-ET See Fig. L140

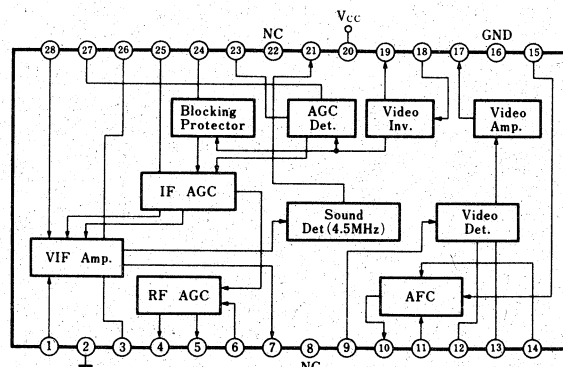
IC-Dual Attenuator, $V_{CC} = 12V$



ECG1440

28-Pin DIP See Fig. L124

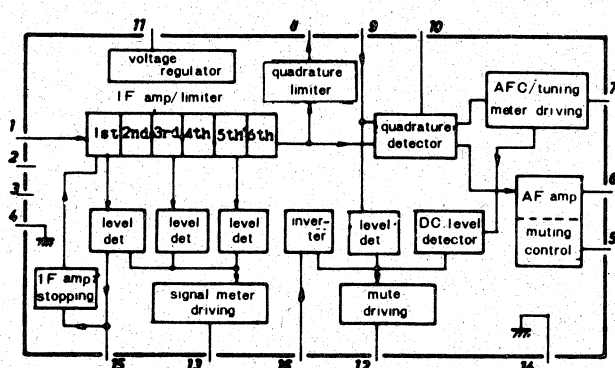
IC-Video IF Amp, Det, AGC, AFC



ECG1441

16-Pin DIP See Fig. L111

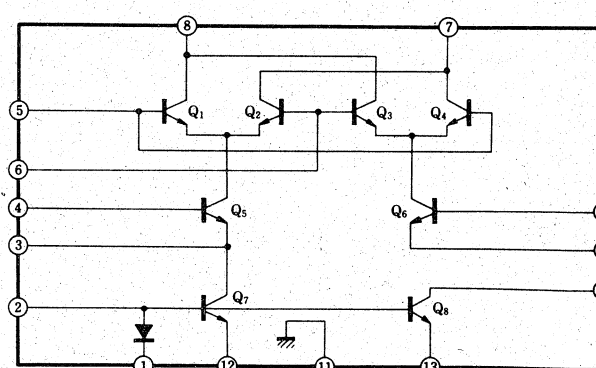
IC-FM IF Amp, Limiter, Det, AF Amp



ECG1442

14-Pin DIP See Fig. L104

IC-Balanced Modulator, 10 MHz BW

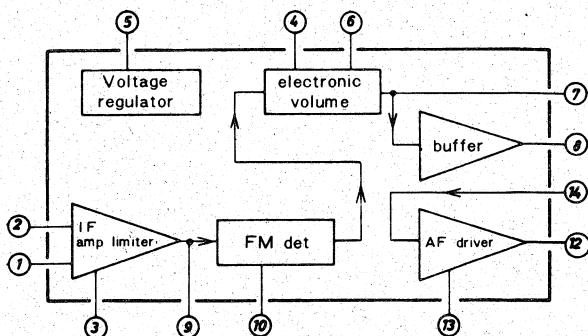


Linear IC and Module Circuits (cont'd)

ECG1443

14-Pin DIP See Fig. L104

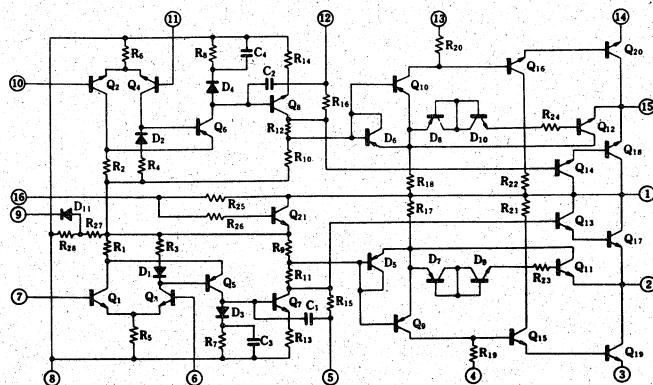
IC-TV Sound IF Amp



ECG1444

16-Pin DIP See Fig. L109

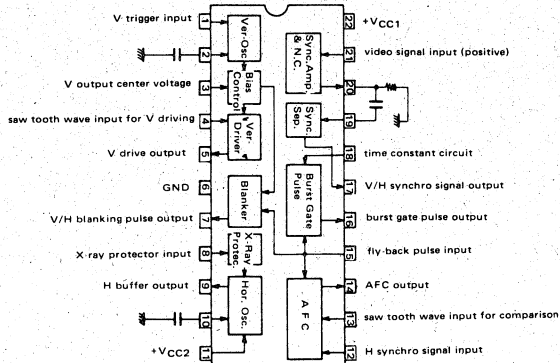
IC-Dual Audio Pwr Amp, 3 W, $V_{CC}=16\text{ V}$, $R_L=8\ \Omega$



ECG1445

22-Pin DIP See Fig. L121

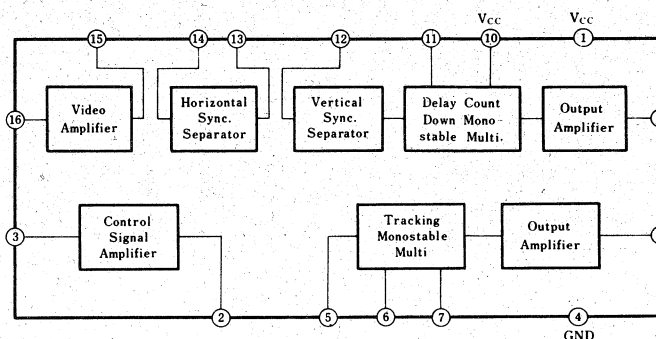
IC-Horiz/Vert Osc, AFC, Sync Sep



ECG1446

16-Pin DIP See Fig. L112

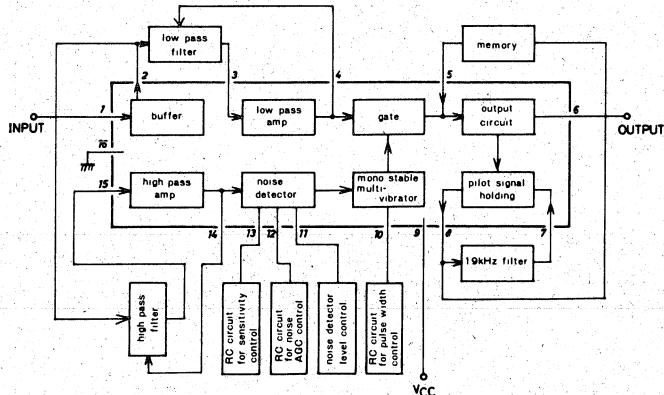
IC-VCR Servo Control



ECG1447

16-Pin DIP See Fig. L111

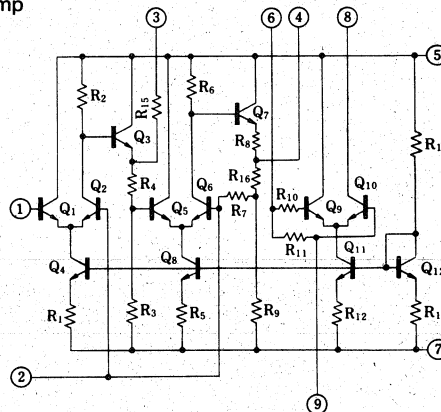
IC-FM Noise Canceller (Auto Ignition)



ECG1448

9-Pin SIP See Fig. L41

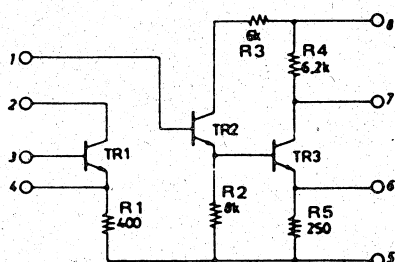
IC-FM IF Amp



ECG1449

8-Pin SIP See Fig. L32

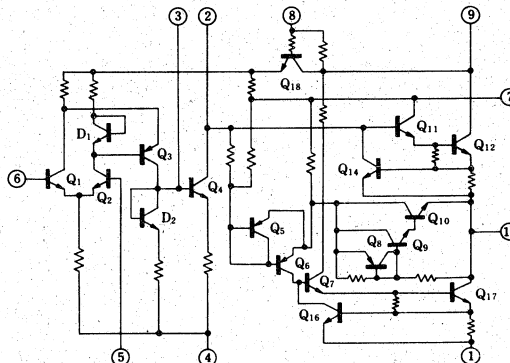
IC-Lo Noise Equalizer Amp, $V_{CC}=30\text{ V}$, $V_G=89\text{ dB}$



ECG1450

10-Pin DIP See Fig. L102

IC-AF PO, 5 W, $V_{CC}=20\text{ V}$, $R_L=8\ \Omega$

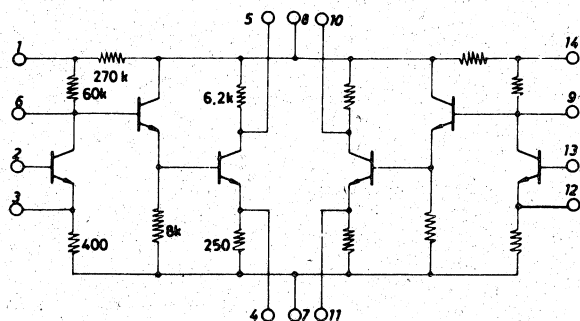


Linear IC and Module Circuits (cont'd)

ECG1451

14-Pin DIP See Fig. L104

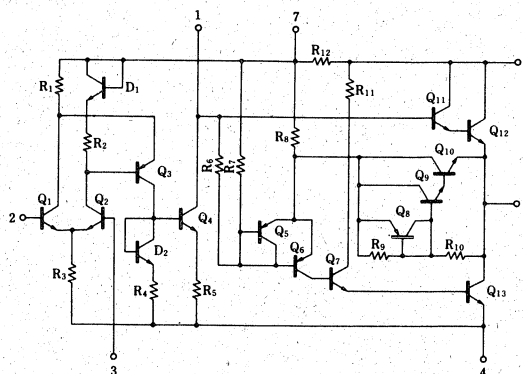
IC-Dual Channel Equalizer Amp, $V_{CC}=30\text{ V}$, $V_G=89\text{ dB}$



ECG1452

7-Pin SIP See Fig. L27

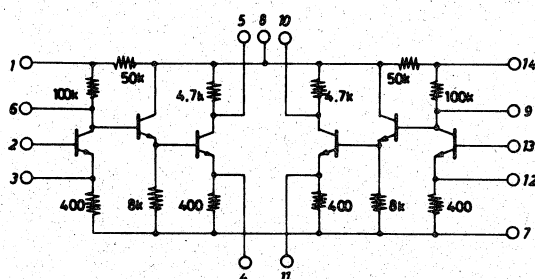
IC-AF PO, 1 W, $V_{CC}=9\text{ V}$, $R_L=8\Omega$



ECG1453

14-Pin DIP See Fig. L104

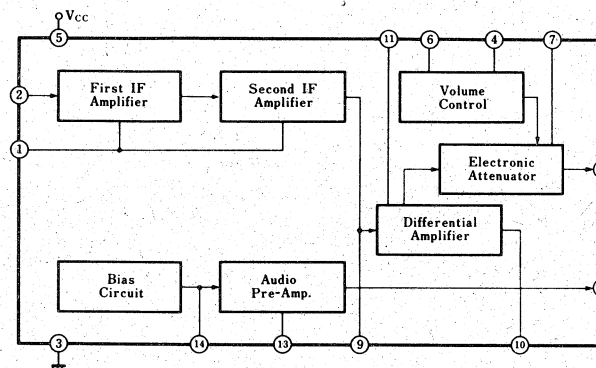
IC-Dual Channel Equalizer Amp, $V_{CC}=15\text{ V}$, $V_G=88\text{ dB}$



ECG1454

14-Pin DIP See Fig. L104

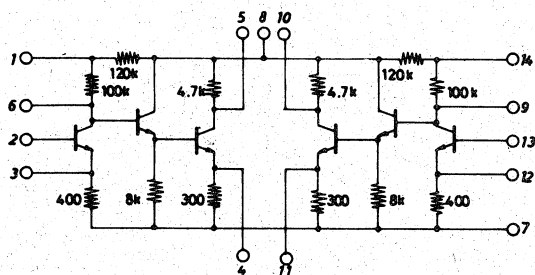
IC-Sound IF Amp, FM Det



ECG1455

14-Pin DIP See Fig. L104

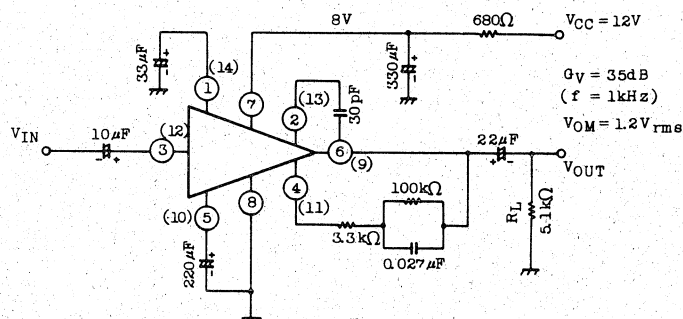
IC-Dual Channel Equalizer Amp, $V_{CC}=20\text{ V}$, $V_G=90\text{ dB}$



ECG1456

14-Pin DIP See Fig. L104

IC-Dual Audio Preamp, $V_{CC}=8\text{ V}$, $V_G=46\text{ dB min}$

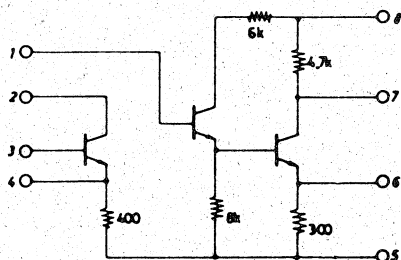


Pins in () are 2nd channel.

ECG1457

8-Pin SIP See Fig. L32

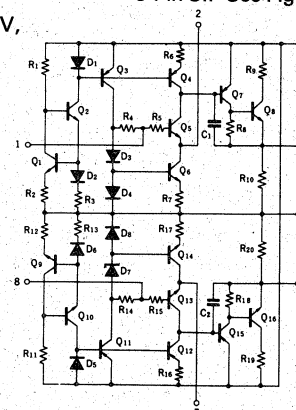
IC-Lo Noise Audio Preamp, $V_{CC}=20\text{ V}$, $V_G=89\text{ dB}$, $R_L=47\text{ K}\Omega$



ECG1458

8-Pin SIP See Fig. L35

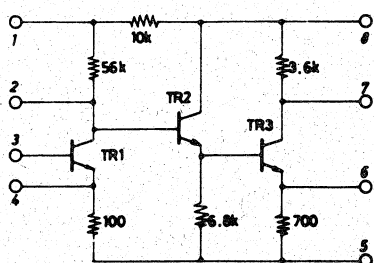
IC-Dual Audio Preamp, $V_{CC}=13.2\text{ V}$, $V_G=88\text{ dB}$, $R_L=10\text{ K}\Omega$



Linear IC and Module Circuits (cont'd)

ECG1459 8-Pin SIP See Fig. L32

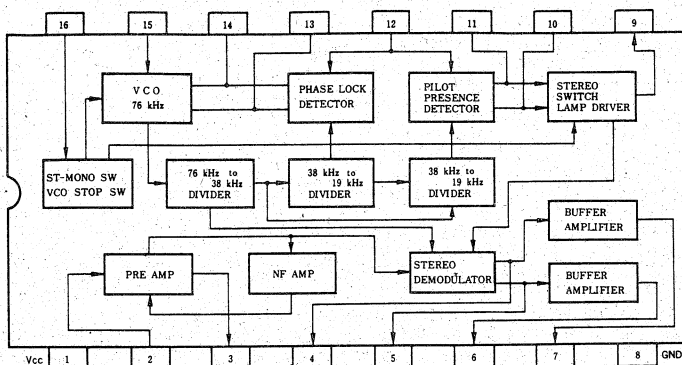
IC-Lo Noise Equalizer Amp, $V_{CC}=9\text{ V}$, $V_G=79\text{ dB}$



ECG1460

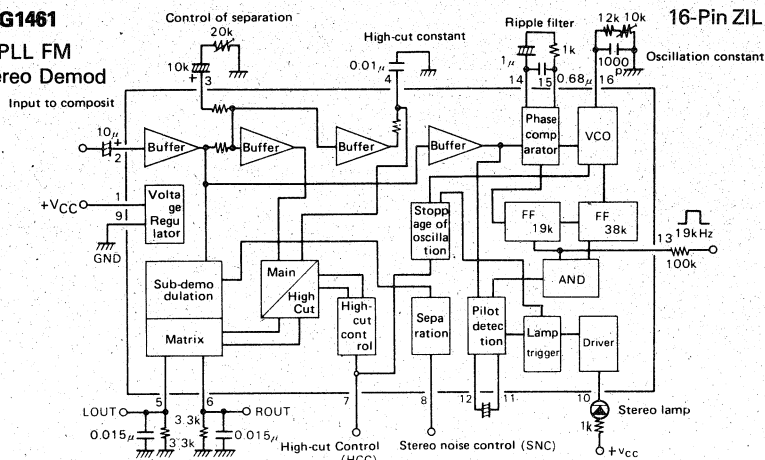
16-Pin DIP See Fig. L111

IC-Stereo Demod w/PLL, Stereo/Mono Sw, Stereo Indicator, Lamp Driver



ECG1461

IC-PLL FM Stereo Demod

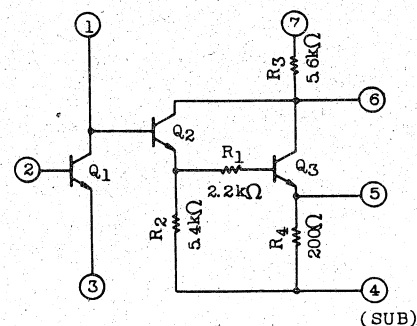


16-Pin ZIL See Fig. L46

ECG1462

7-Pin SIP See Fig. L24

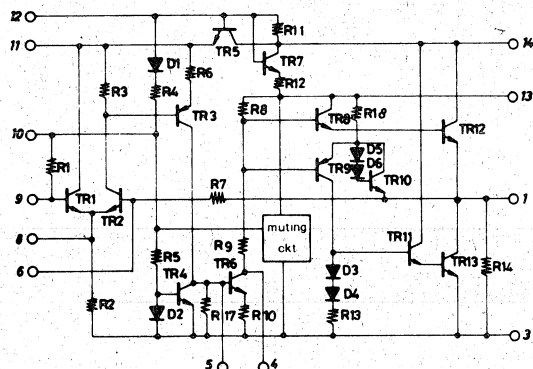
IC-Audio Preamp, $V_{CC}=35\text{ V}$, $V_G=40\text{ dB}$



ECG1463

14-Pin DIP-ET See Fig. L144

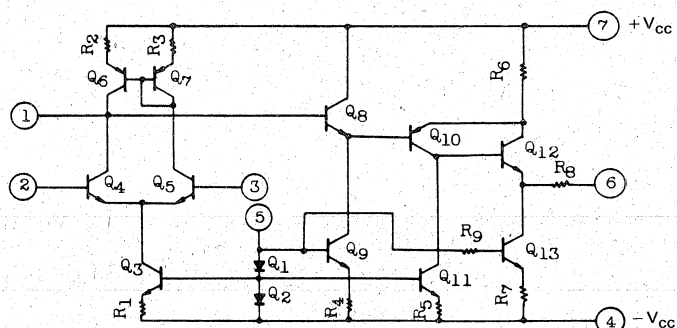
IC-AF PO, 2.3 W, $V_{CC}=9\text{ V}$, $R_L=4\ \Omega$



ECG1464

7-Pin SIP See Fig. L24

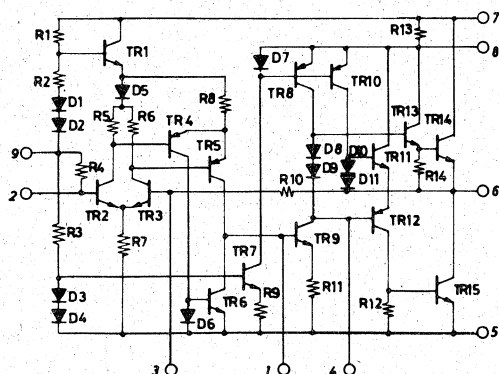
IC-Audio Preamp, $V_{CC}=\pm 15\text{ V}$, $V_G=92\text{ dB}$



ECG1465

9-Pin SIP See Fig. L36

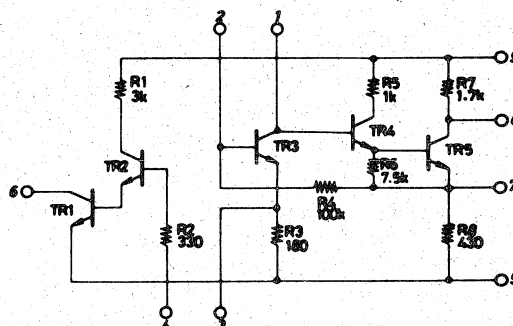
IC-AF PO, 500 mW, $V_{CC}=6\text{ V}$, $R_L=8\ \Omega$



ECG1466

9-Pin SIP See Fig. L39

IC-Audio Preamp, $V_{CC}=5\text{ V}$, $V_G=35\text{ dB}$

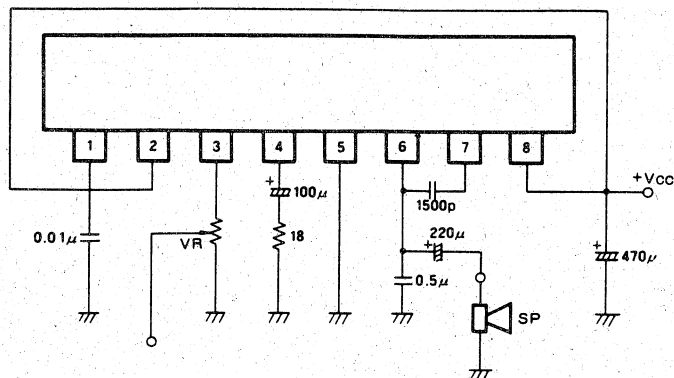


Linear IC and Module Circuits (cont'd)

ECG1467

8-Pin SIP See Fig. L35

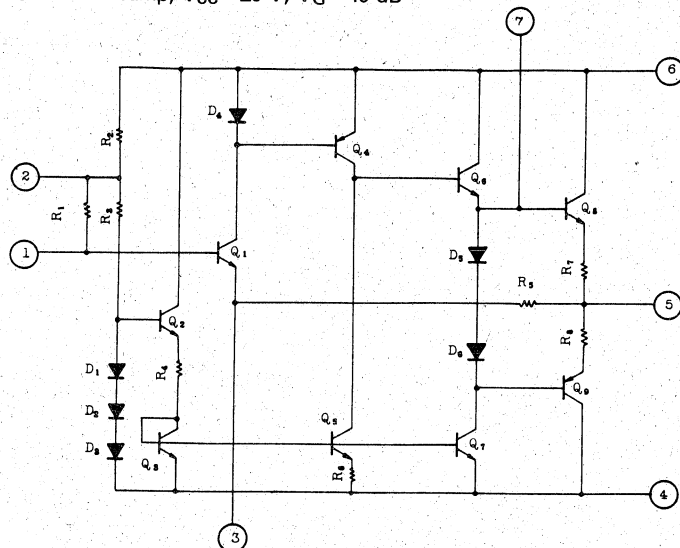
IC-AF PO, 500 mW, $V_{CC}=6\text{ V}$, $R_L=8\ \Omega$



ECG1468

7-Pin SIP See Fig. L24

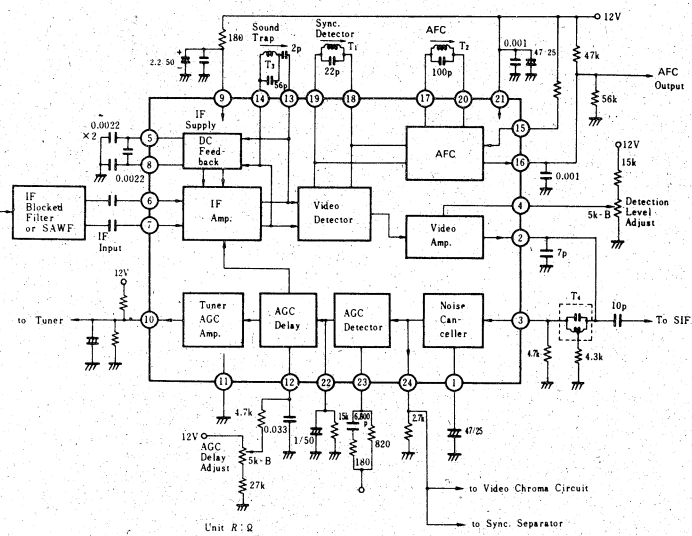
IC-Audio Preamp, $V_{CC}=20\text{ V}$, $V_G=40\text{ dB}$



ECG1469

24-Pin DIP See Fig. L122

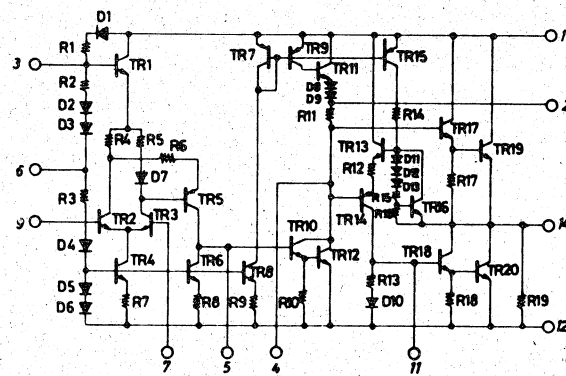
IC-TV Video IF Amp, Det, AGC, AFC and Noise Filter



ECG1470

14-Pin DIP-ET See Fig. L144

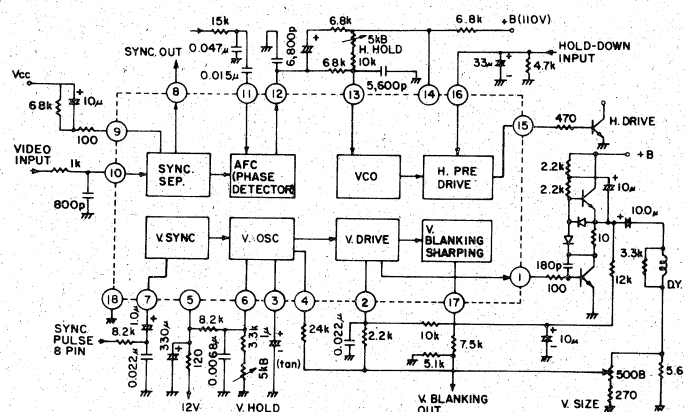
IC-AF PO, 2.5 W, $V_{CC}=14\text{ V}$, $R_L=8\ \Omega$



ECG1471

16+2-Pin DIP-ET See Fig. L114

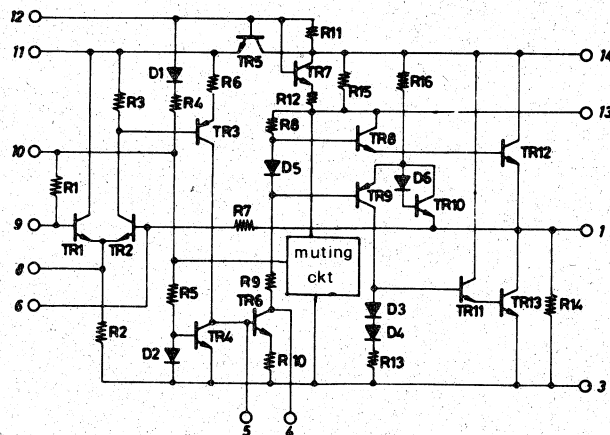
IC-TV Horiz Osc, AFC, Sync Sep, Vert Osc and Blanking Pulse Gen



ECG1472

14-Pin DIP-ET See Fig. L144

IC-AF PO, 1 W, $V_{CC}=6\text{ V}$, $R_L=4\ \Omega$

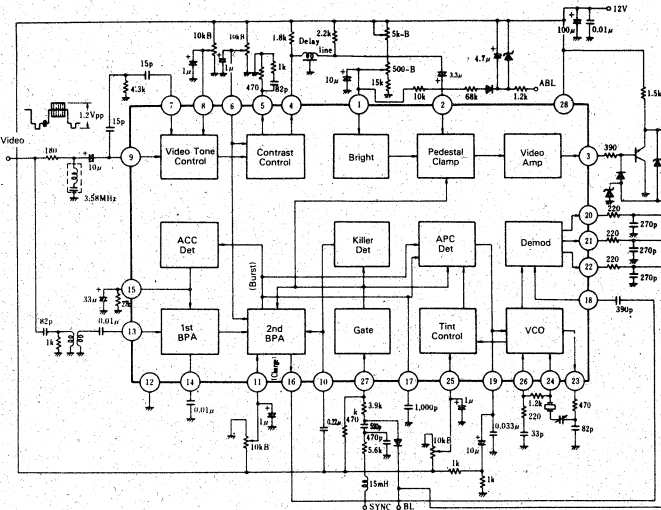


Linear IC and Module Circuits (cont'd)

ECG1473

28-Pin DIP See Fig. L124

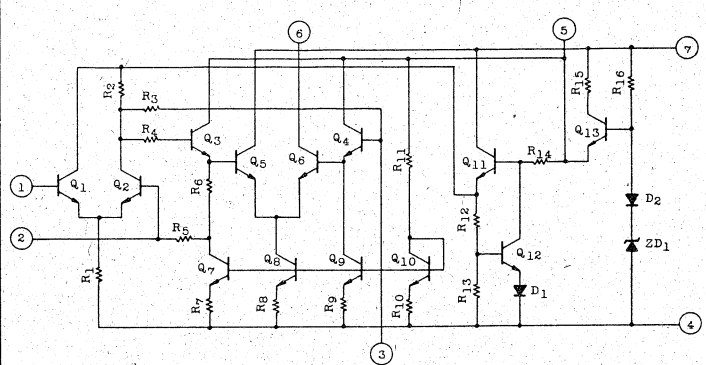
IC-TV Chroma and Video Processor



ECG1474

7-Pin SIP See Fig. L24

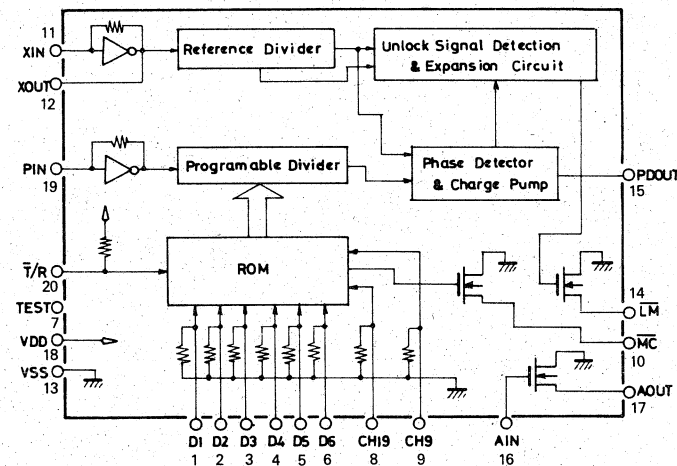
IC-FM IF Amp, $V_{CC} = 12\text{ V}$, $V_G = 34\text{ dB}$



ECG1475

20-Pin DIP See Fig. L118

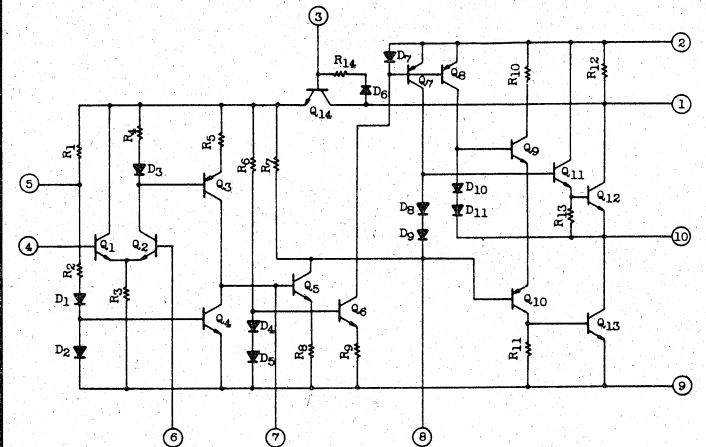
IC-CB PLL Freq Synthesizer (CMOS)



ECG1476

10-Pin SIP-HS See Fig. L85

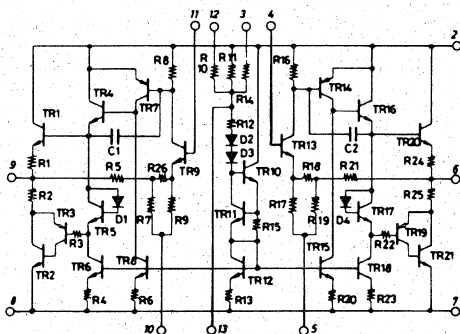
IC-AF PO, 1.4 W, $V_{CC} = 7.5\text{ V}$, $R_L = 4\ \Omega$



ECG1477

14-Pin DIP-ET See Fig. L144

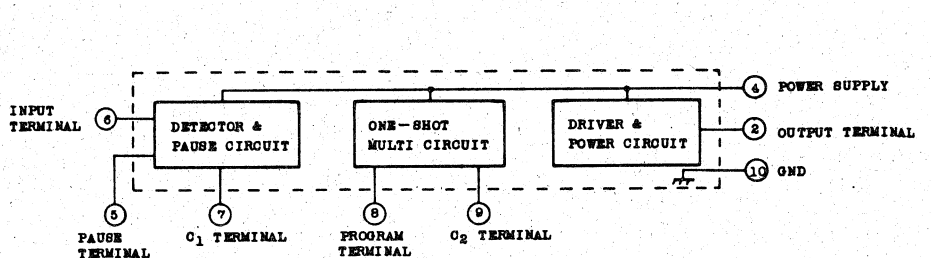
IC-Dual Lo Pwr AF PO or Driver, $V_{CC} = 14\text{ V}$, $V_G = 9\text{ dB}$, $R_L = 8\ \Omega$



ECG1478

10-Pin SIP-HS See Fig. L86

IC-Solenoid Driver and Signal Sensing Ckt, $V_{CC} = 13.2\text{ V}$, 4 A

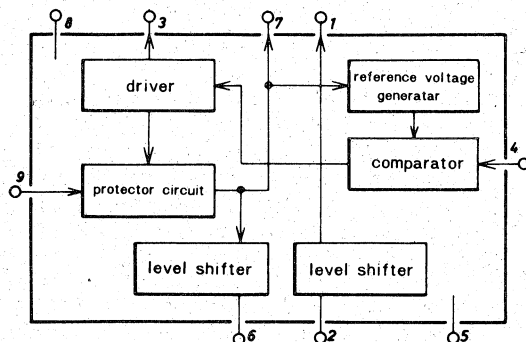


Linear IC and Module Circuits (cont'd)

ECG1479

9-Pin SIP See Fig. L36

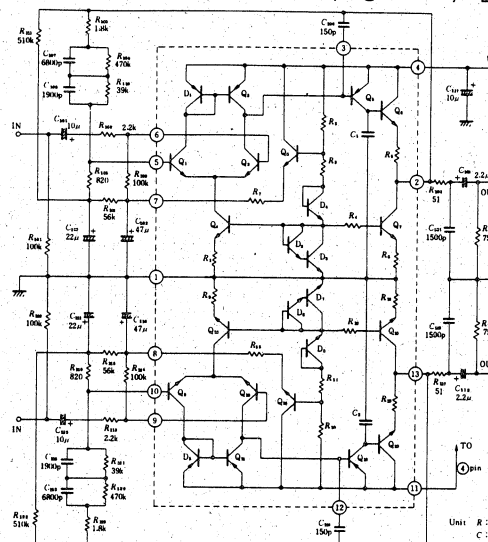
IC-TV Pwr Supply Controller



ECG1480

14-Pin DIP See Fig. L104

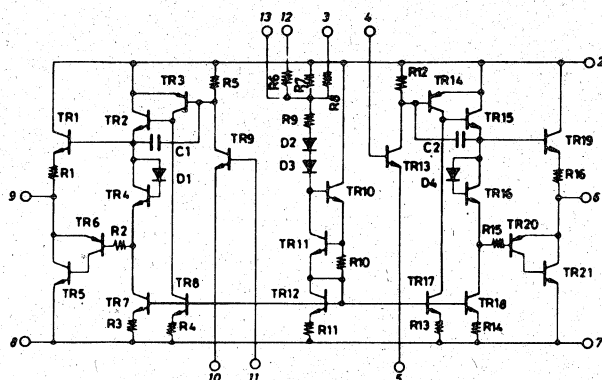
IC-Dual Channel Audio Preamp, $V_{CC}=25\text{ V}$, $V_G=95\text{ dB}$, $R_L=75\text{ K}\Omega$



ECG1481

14-Pin DIP-ET See Fig. L144

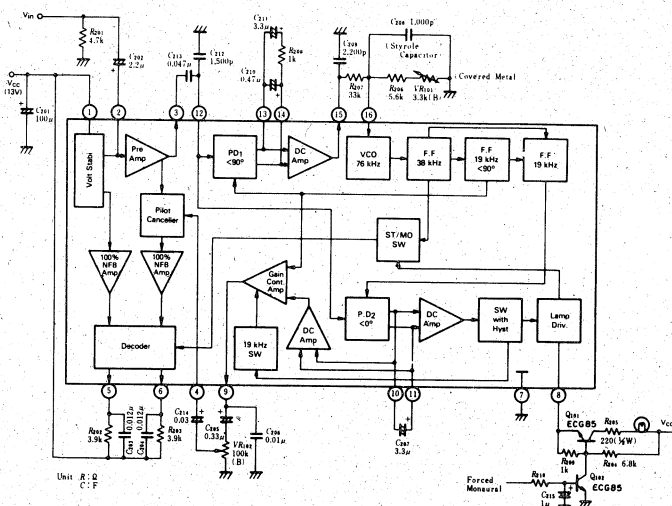
IC-Dual Channel Audio Amp, Headphone Amp, Line Amp,
 $V_{CC}=12\text{ V}$, $V_G=38\text{ dB}$, $R_L=39\text{ }\Omega$



ECG1482

16-Pin DIP See Fig. L112

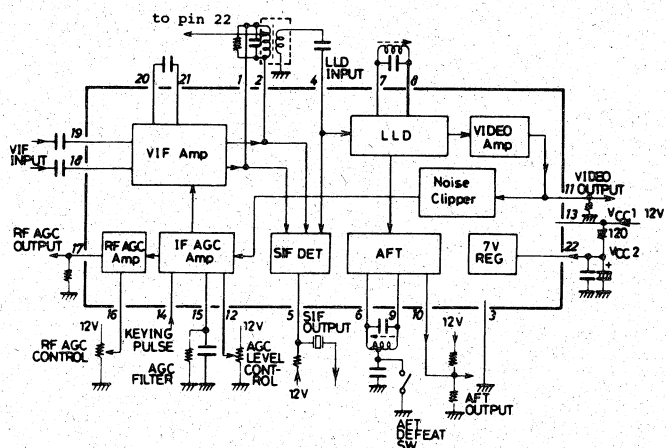
IC-FM PLL Stereo Demod w/Pilot Cancel



ECG1483

22-Pin DIP See Fig. L121

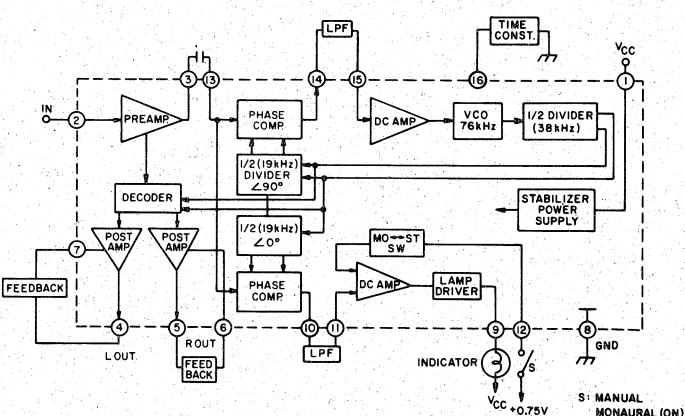
IC-TV Video IF Amp, Det, AGC, AFT, RF AGC, Sound IF Det and Noise Clip



ECG1484

16-Pin DIP See Fig. L111

IC-FM PLL Stereo Demod, Indicator Lamp Dr

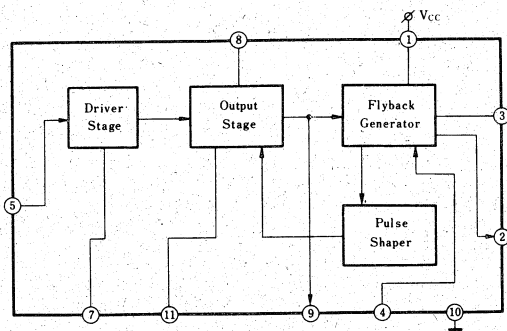


Linear IC and Module Circuits (cont'd)

ECG1485

11-Pin SIP See Fig. L54

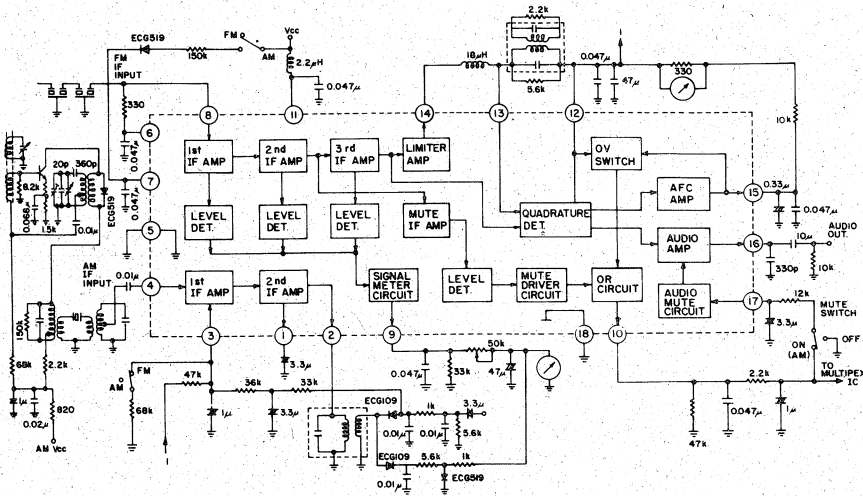
IC-TV Vert Driver and Output, $V_{CC}=24\text{ V}$



ECG1486

16 + 2-Pin DIP-HS See Fig. L114

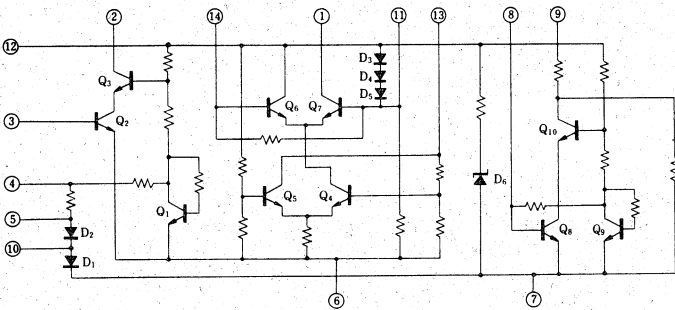
IC-AM/FM IF Amp, Limiter, Det, AFC, Mute and Meter Level Drivers



ECG1487

14-Pin DIP See Fig. L104

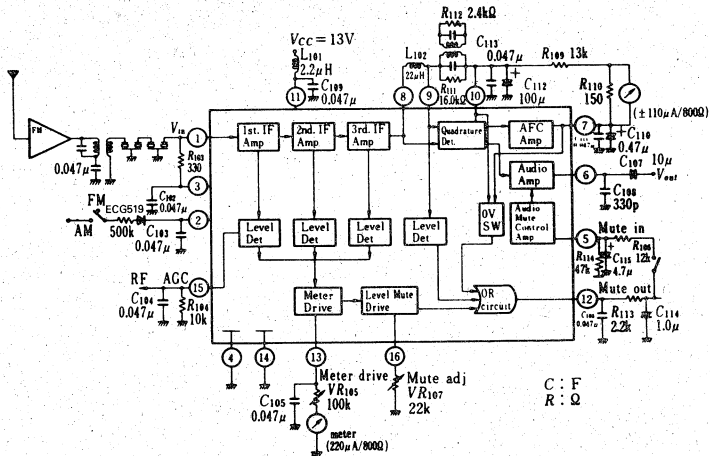
IC-AM RF Amp, Mixer, Osc, IF Amp, Det and AGC



ECG1488

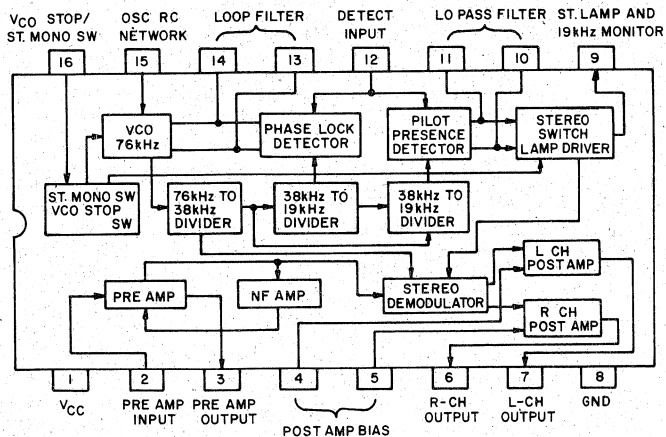
16-Pin DIP See Fig. L111

IC-FM IF Amp, Det, Audio Preamp w/Mute, AGC and AFC and Meter Driver

**ECG1489**

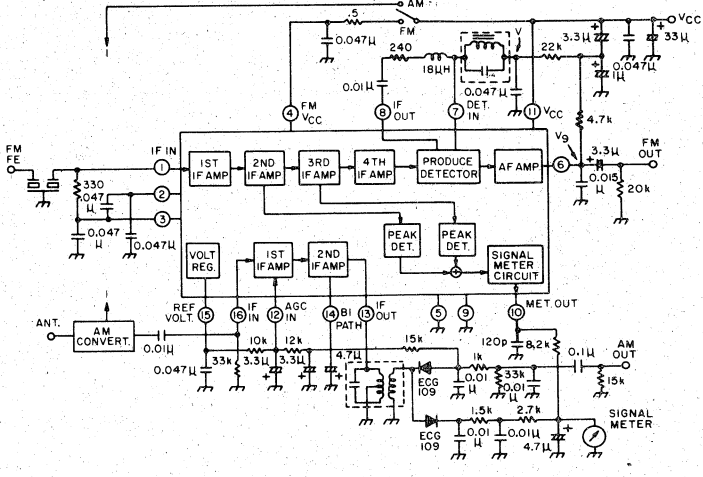
16-Pin DIP See Fig. L111

IC-Stereo Demodulator

**ECG1490**

16-Pin DIP See Fig. L111

IC-AM/FM IF Amp, Det, AF Preamp and Meter Driver

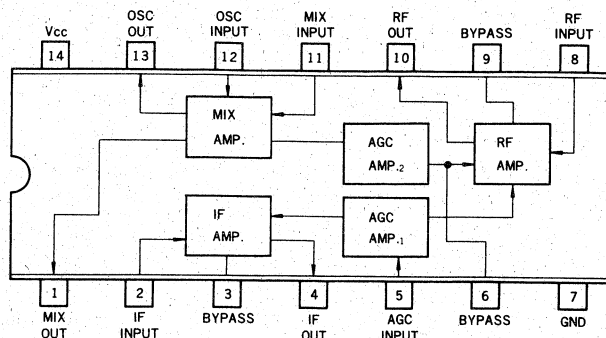


Linear IC and Module Circuits (cont'd)

ECG1491

IC-AM RF/IF Amp

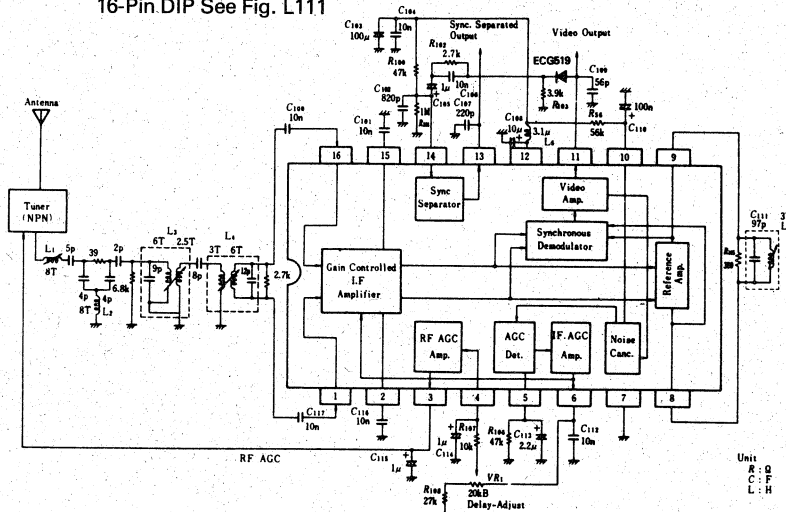
14-Pin DIP See Fig. L104



ECG1492

IC-TV Video IF Amp,
Sync Sep and AGC

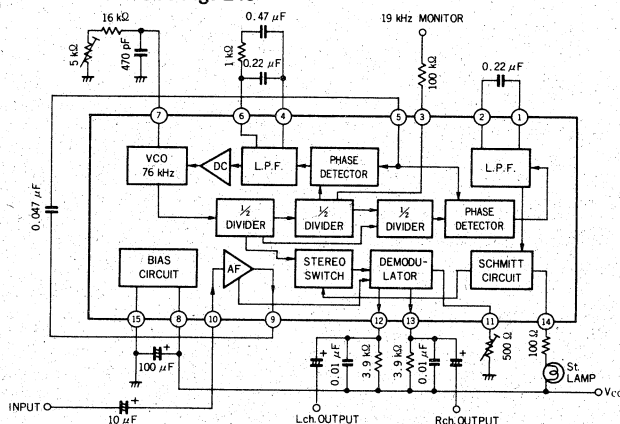
16-Pin DIP See Fig. L111



ECG1493

IC-FM Mux Stereo Demodulator

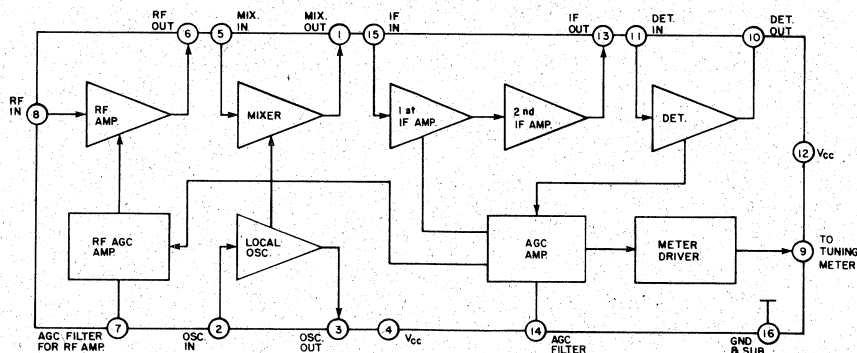
15-Lead Formed SIP See Fig. L45



ECG1494

IC-AM RF Amp, Osc Mixer, IF Amp, Det, AGC and Meter Driver Ckt

16-Pin DIP See Fig. L111

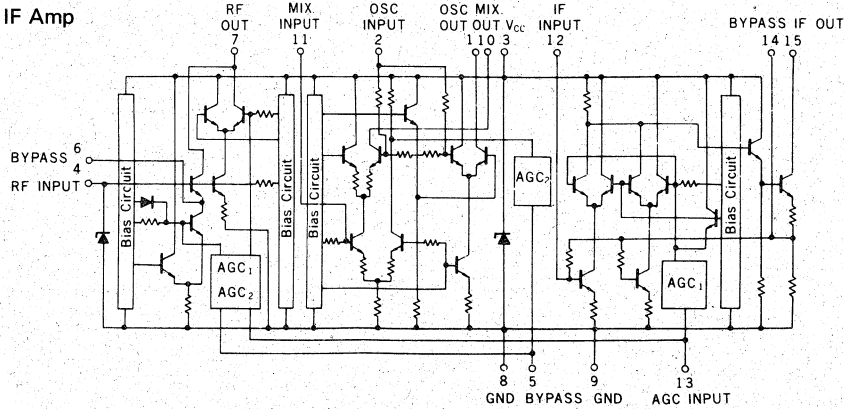


Linear IC and Module Circuits (cont'd)

ECG1495

IC-AM RF Amp, Mixer and IF Amp

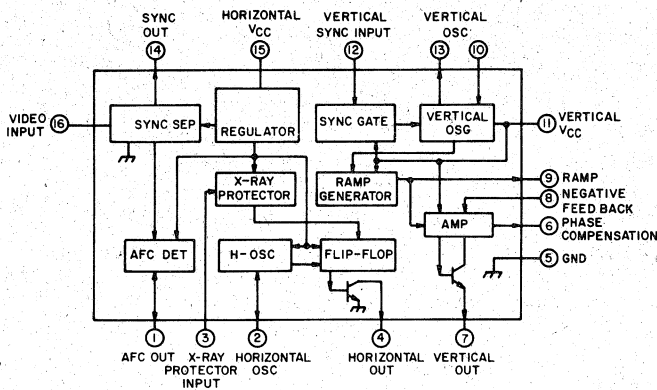
15-Lead Formed SIP See Fig. L45



ECG1496

IC-Sync Sep, Vert/Horiz Osc and X-Ray Prot. Ckt

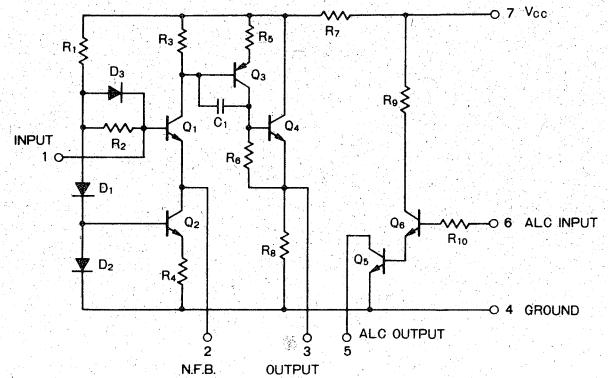
16-Pin DIP See Fig. L111



ECG1497

IC-AF Preamp w/Automatic Level Control

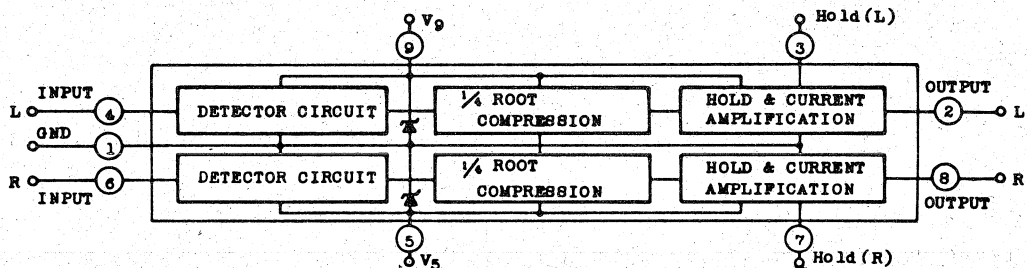
7-Pin SIP See Fig. L25



ECG1498

IC-Dual Channel Peak Pwr Meter Driver

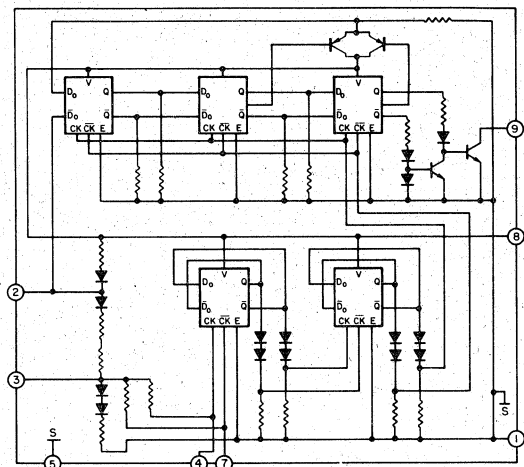
9-Pin SIP See Fig. L39



ECG1499

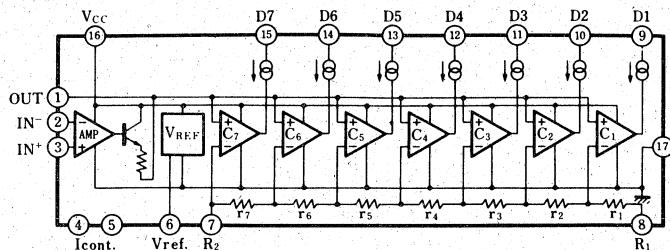
IC-1/20 Divider Prescaler, Input Freq, 40 - 120 MHz

9-Pin SIP See Fig. L39

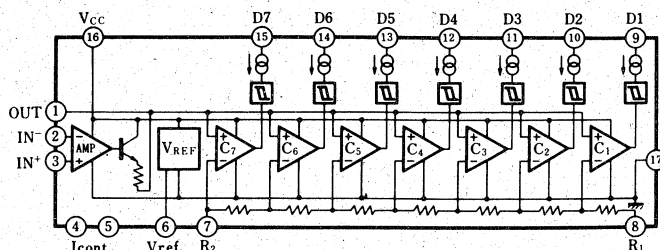


Linear IC and Module Circuits (cont'd)

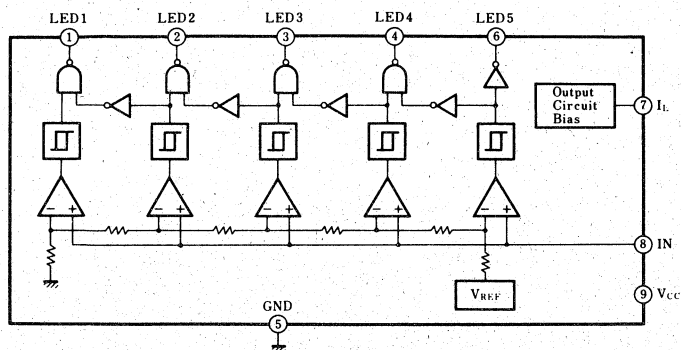
ECG1500 16-Pin DIP-ET See Fig. L151
IC-Voltage Level Ind. Dr, 7 Step Output for LED, Log Scale



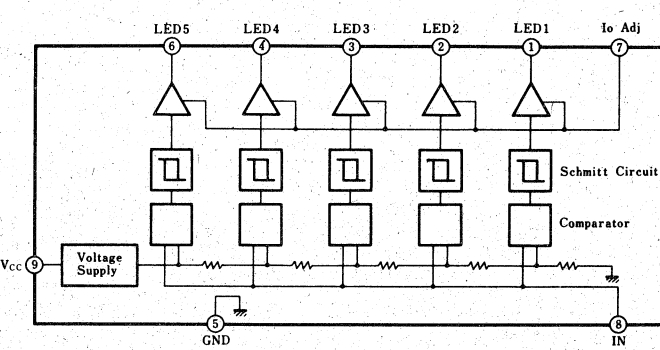
ECG1501 16-Pin DIP-ET See Fig. L151
IC-Voltage Level Ind. Dr, 7 Step Output for LED, Linear Scale



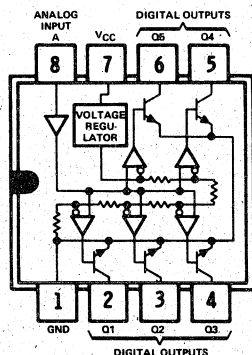
ECG1502 9-Pin SIP See Fig. L41
IC-Voltage Level Ind. Dr, 5 Step Output for LED, Linear Scale



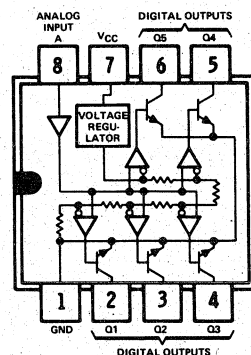
ECG1503 9-Pin SIP See Fig. L41
IC-Voltage Level Ind. Dr, 5 Step Output for LED, Log Scale



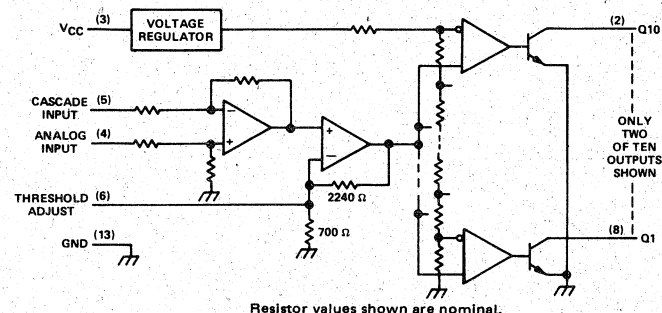
ECG1504 8-Pin DIP See Fig. L97
IC-Voltage Level Ind. Dr, 5 Step Log, Open Collector Outputs



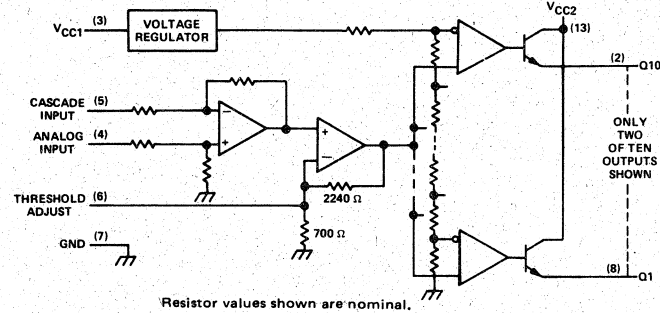
ECG1505 8-Pin DIP See Fig. L97
IC-Voltage Level Ind. Dr, 5 Step Linear, Open Collector Outputs



ECG1506 16-Pin DIP See Fig. L111
IC-Voltage Level Ind. Dr, 10 Step Linear, Open Collector Outputs



ECG1507 16-Pin DIP See Fig. L111
IC-Voltage Level Ind. Dr, 10 Step Linear, Open Emitter Outputs

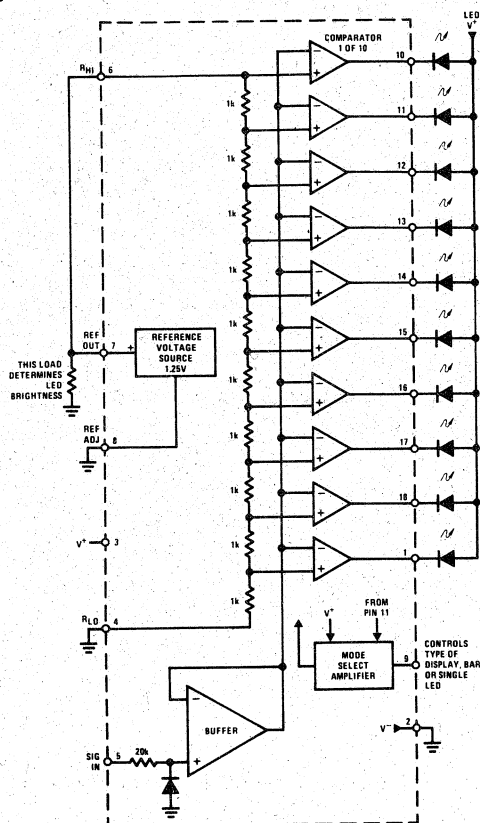


Linear IC and Module Circuits (cont'd)

ECG1508

18-Pin DIP See Fig. L115

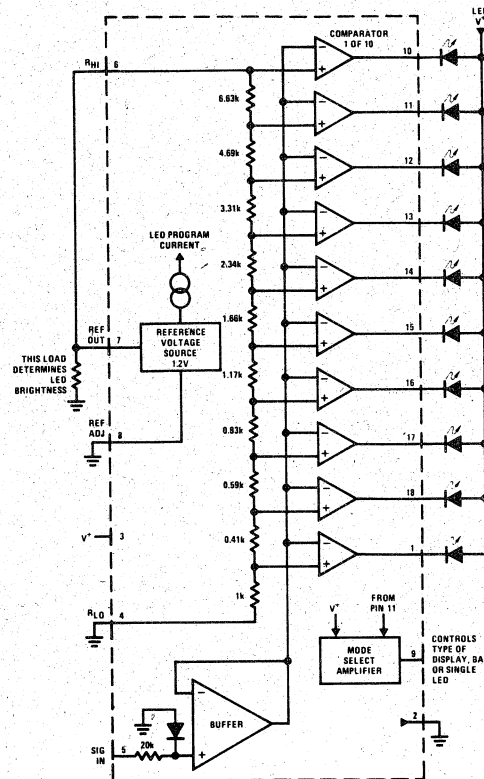
IC-Voltage Level Ind. Dr, 10 Step Linear, Open Collector Outputs



ECG1509

18-Pin DIP See Fig. L115

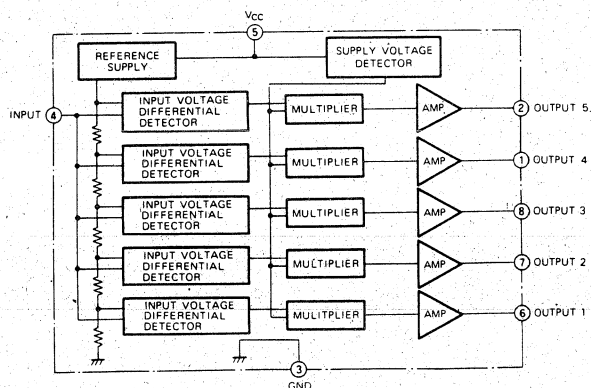
IC-Voltage Level Ind. Dr, 10 Step Log, Open Collector Outputs



ECG1510

8-Pin SIP See Fig. L35

IC-Voltage Level Ind. Dr, 5 Step Output for LED, Linear Scale



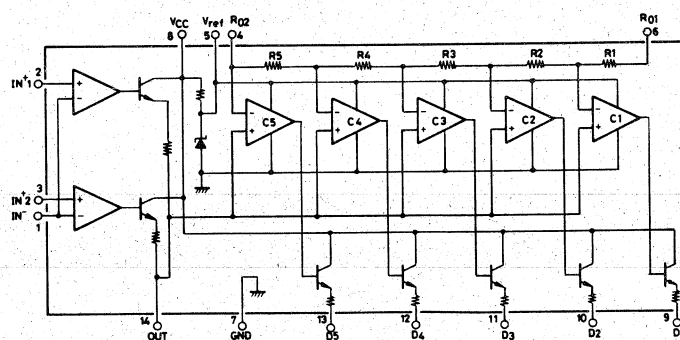
ECG1511

14-Pin DIP-ET See Fig. L144

IC-Voltage Level Ind. Dr, 5 Step Output for LED, Linear Scale

ECG1512

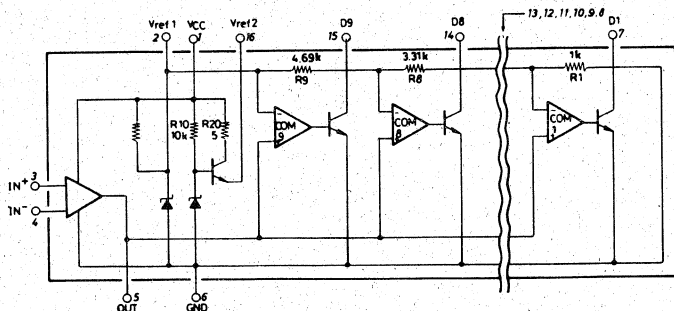
IC-Voltage Level Ind. Dr, 5 Step Output for LED, Log Scale



ECG1513

16-Pin DIP See Fig. L111

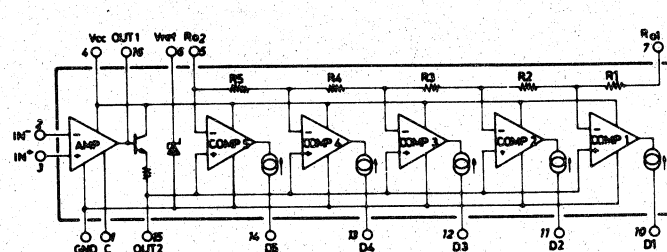
IC-Voltage Level Ind. Dr, 9 Step Output for LED, Log Scale



ECG1514, ECG1515

16-Pin DIP See Fig. L111

IC-Voltage Level Ind. Dr, 5 Step Output for LED, Log Scale

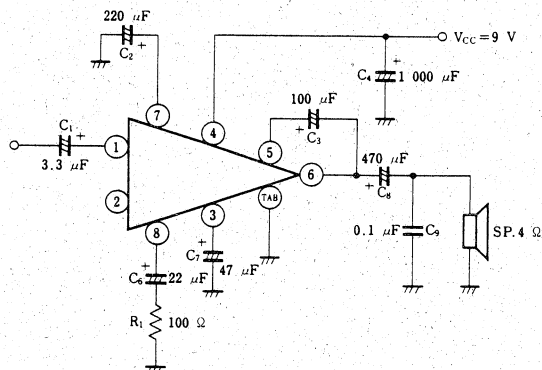


Linear IC and Module Circuits (cont'd)

ECG1516

IC-AF PO, 1.8 W, $V_{CC}=9\text{ V}$, $R_L=4\ \Omega$

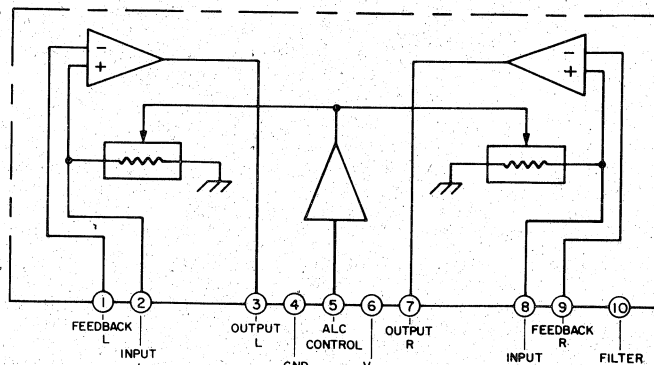
8-Pin DIP-ET See Fig. L138



ECG1517

IC-Dual Audio Preamp w/ALC, $V_G=46\text{ dB}$

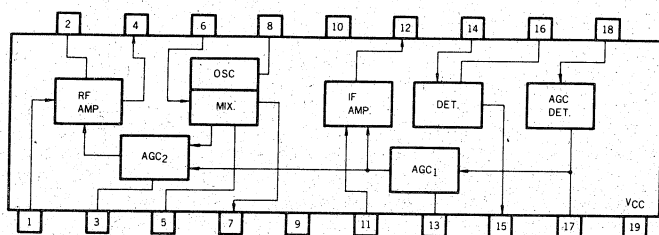
10-Pin SIP See Fig. L42



ECG1518

IC-AM RF/IF/Detector/AGC

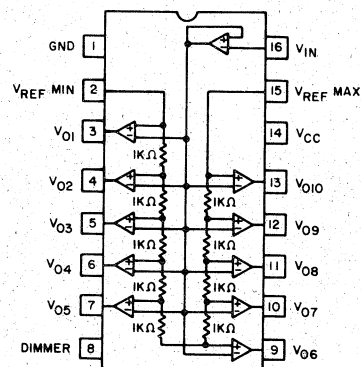
19-Lead Formed SIP See Fig. L48



ECG1519

IC-Voltage Level Ind. Dr, 10 Step Output for LED, Linear Scale

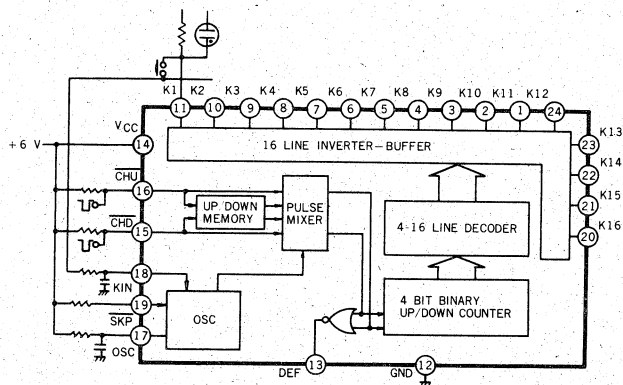
16-Pin DIP See Fig. L111



ECG1520

IC-Electronic Channel Selector

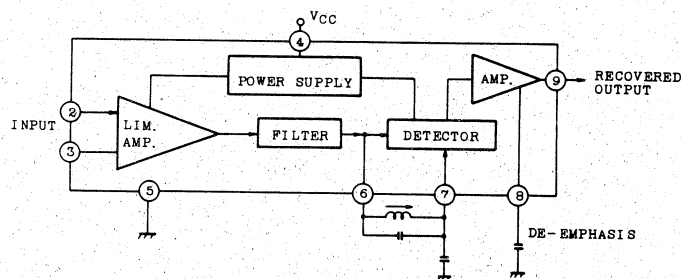
24-Pin DIP See Fig. L122



ECG1521

IC-TV Sound IF Amp and Detector

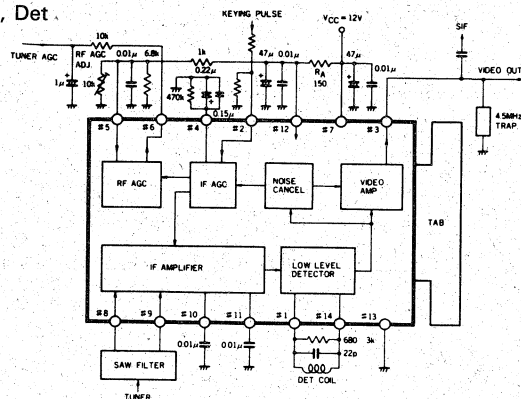
9-Pin SIP See Fig. L39



ECG1522

IC-Video IF Amp, Det, and Video Amp

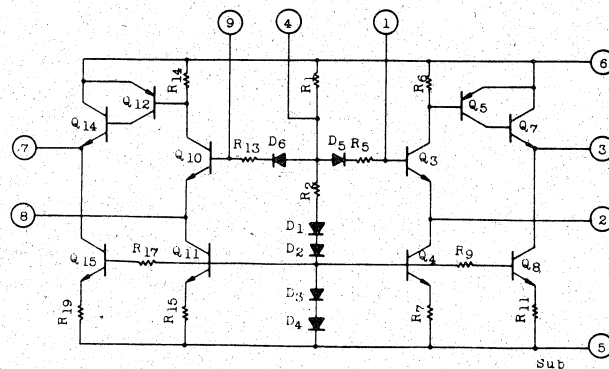
14-Pin DIP-ET See Fig. L145



ECG1523

IC-Dual Lo Noise Audio Preamp, $V_{CC}=8\text{ V}$, $V_G=70\text{ dB}$, $R_L=10\text{ K}\Omega$

9-Pin SIP See Fig. L39

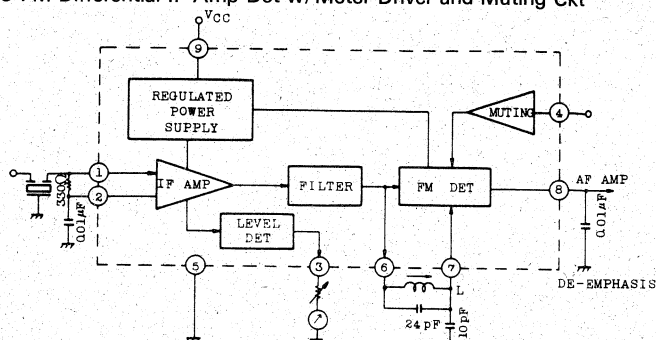


Linear IC and Module Circuits (cont'd)

ECG1525

9-Pin SIP See Fig. L39

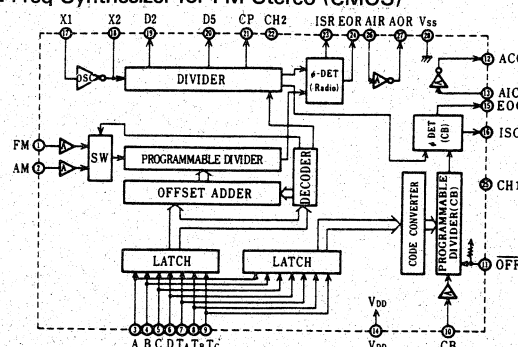
IC-FM Differential IF Amp Det w/Meter Driver and Muting Ckt



ECG1526

28-Pin DIP See Fig. L124

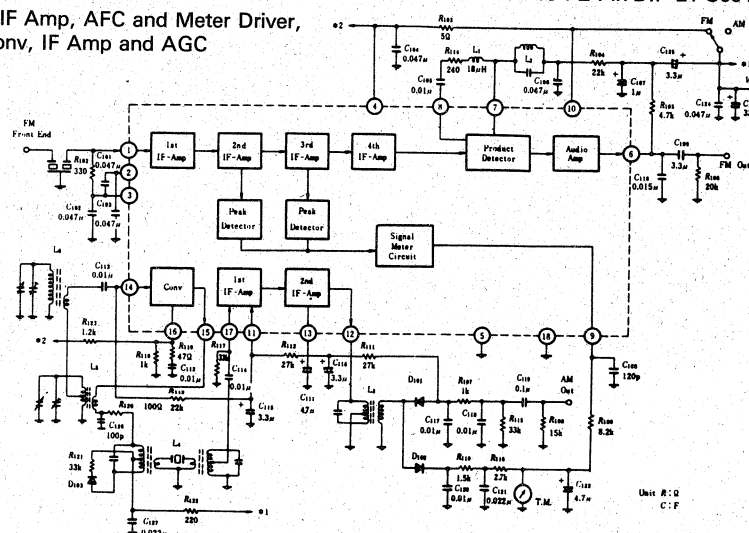
IC-PLL Freq Synthesizer for FM Stereo (CMOS)



ECG1527

16 + 2-Pin DIP-ET See Fig. L114

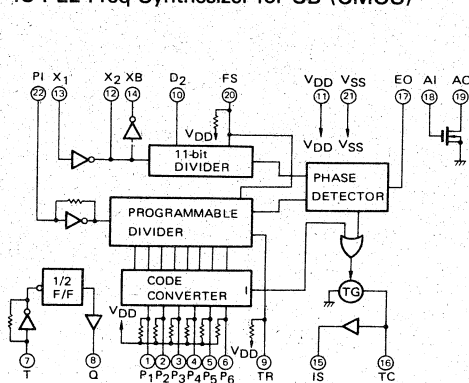
IC-FM, IF Amp, AFC and Meter Driver, AM Conv, IF Amp and AGC



ECG1528

22-Pin DIP See Fig. L121

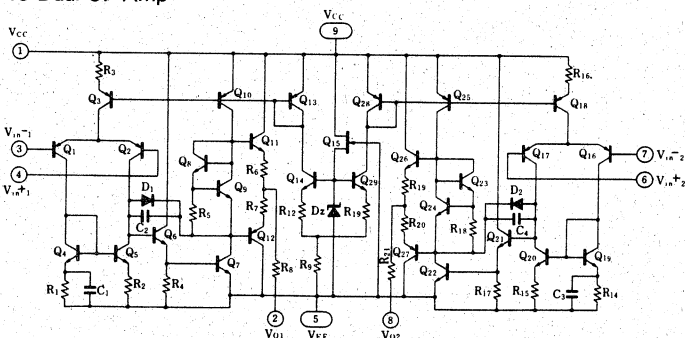
IC-PLL Freq Synthesizer for CB (CMOS)



ECG1529

9-Pin SIP See Fig. L39

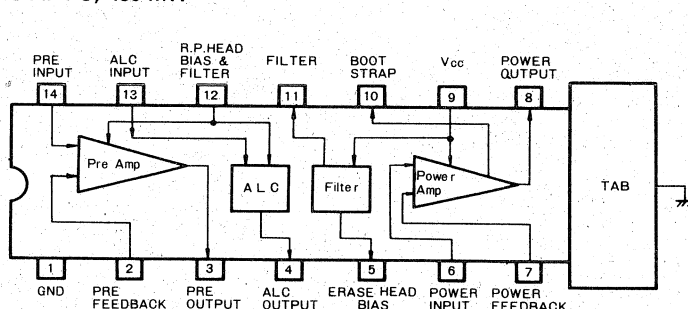
IC-Dual OP Amp



ECG1530

14-Pin DIP-ET See Fig. L146

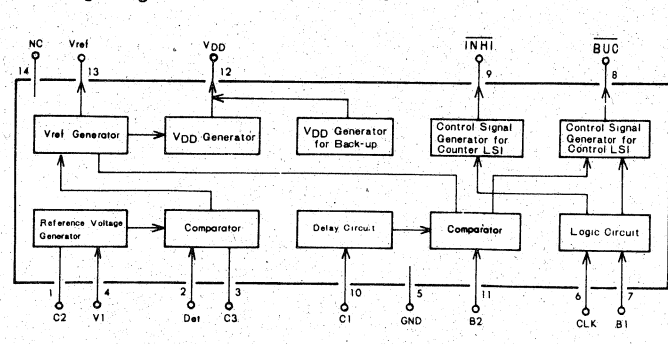
IC-AF PO, 450 mW



ECG1531

14-Pin DIP-ET See Fig. L144

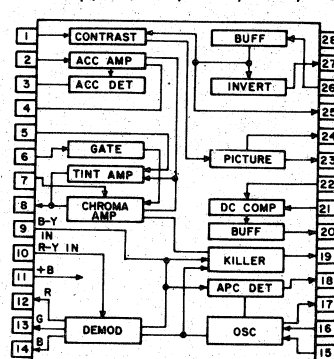
IC-Voltage Regulator for Electronic Tuner



ECG1532

28-Pin DIP See Fig. L124

IC-TV Video, Chroma Amp, Demod, ACC, APC, VCO

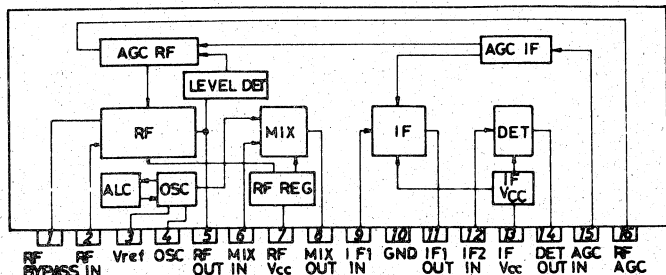


Linear IC and Module Circuits (cont'd)

ECG1533

16-Pin ZIL See Fig. L46

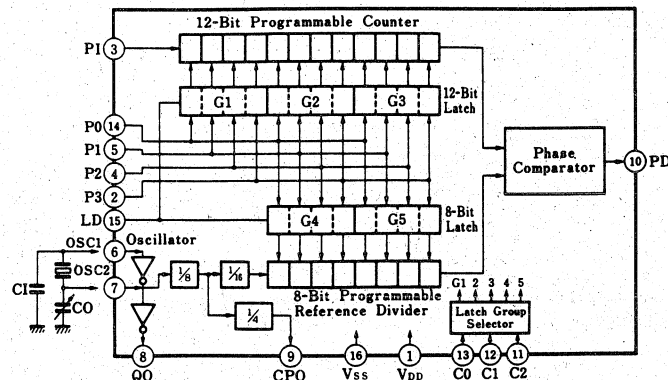
IC-AM RF Amp, Mixer, Osc, IF Amp, Det and AGC



ECG1534

16-Pin DIP See Fig. L111

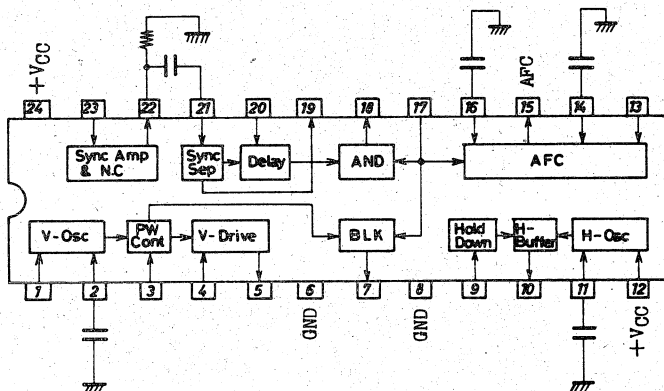
IC-AM/FM PLL Freq Synthesizer (CMOS)



ECG1535

24-Pin DIP See Fig. L122

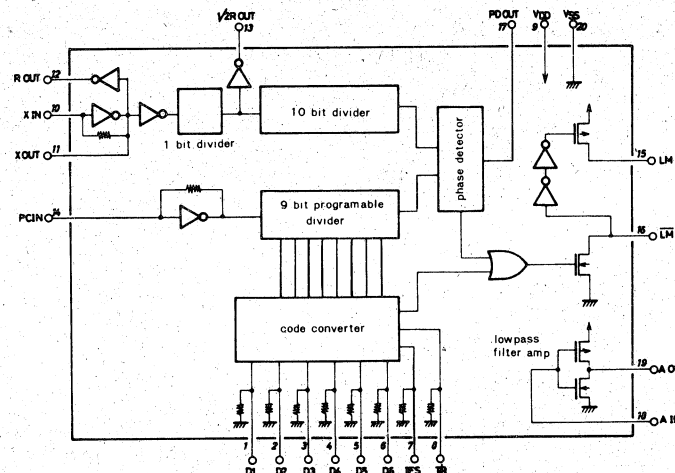
IC-TV Sync, Horiz/Vert Osc, Driver, AFC and HV Holddown



ECG1536

20-Pin DIP See Fig. L118

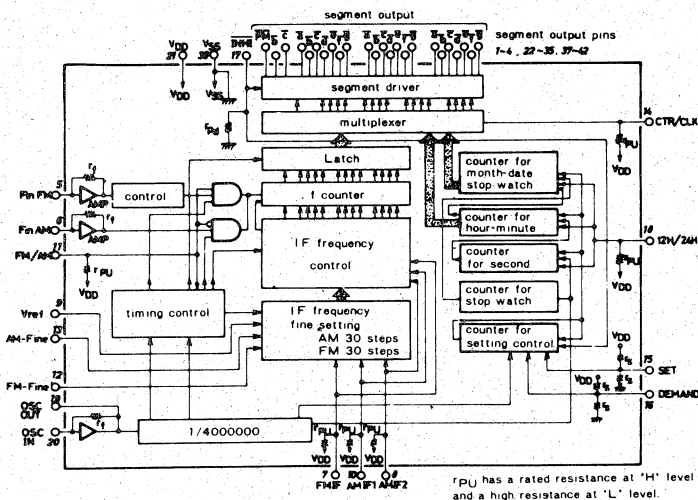
IC-CB PLL Freq Synthesizer (CMOS)



ECG1537

42-Pin DIP See Fig. L126

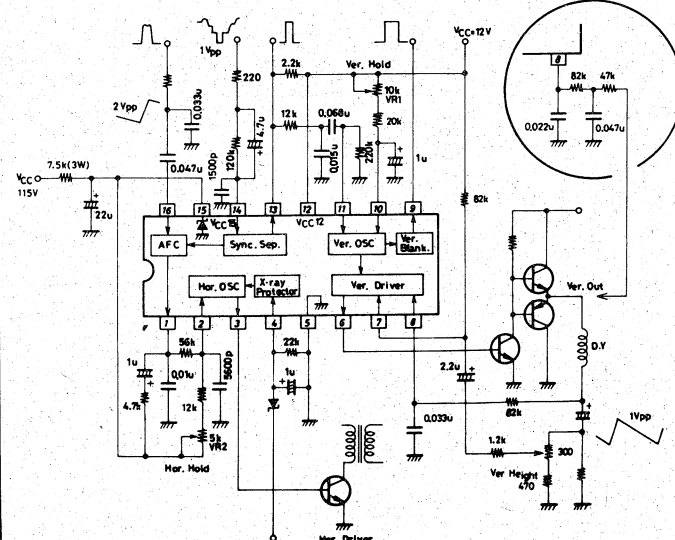
IC-Time-Freq Display Dr for AM/FM w/Stopwatch Day/Date (CMOS)



ECG1538

16-Pin DIP See Fig. L111

IC-TV Horiz/Vert Osc, Driver, Vert Blank, AFC and Sync Sep

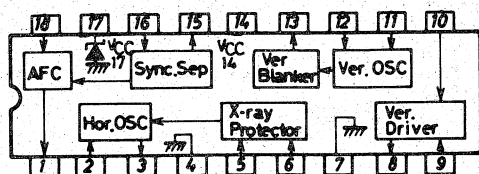


Linear IC and Module Circuits (cont'd)

ECG1539

18-Pin DIP See Fig. L115

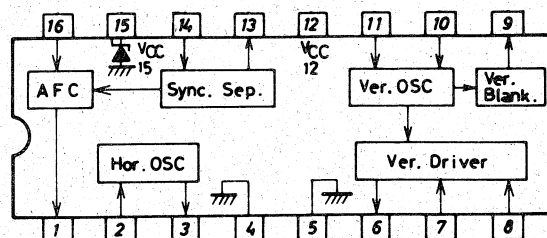
IC-TV Horiz/Vert Osc, Driver, Vert Blank, AFC and Sync Sep



ECG1540

16-Pin DIP See Fig. L111

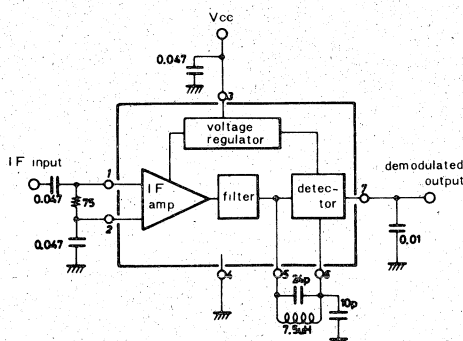
IC-TV Horiz/Vert Osc, Driver, Vert Blank, AFC and Sync Sep



ECG1541

7-Pin SIP See Fig. L31

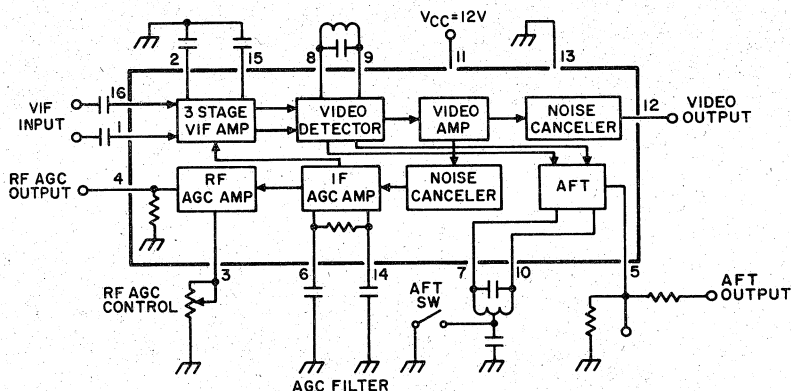
IC-FM IF Amp Detector



ECG1542

16-Pin DIP See Fig. L111

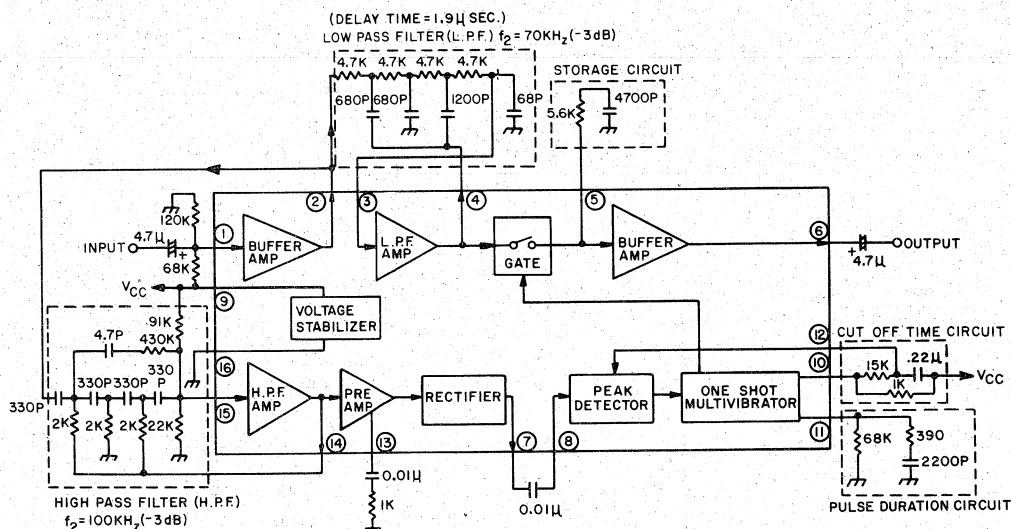
Video IF Amp/Detector/AGC/AFT



ECG1543

16-Pin DIP See Fig. L111

IC-FM Noise Suppressor (40 dB Typ)

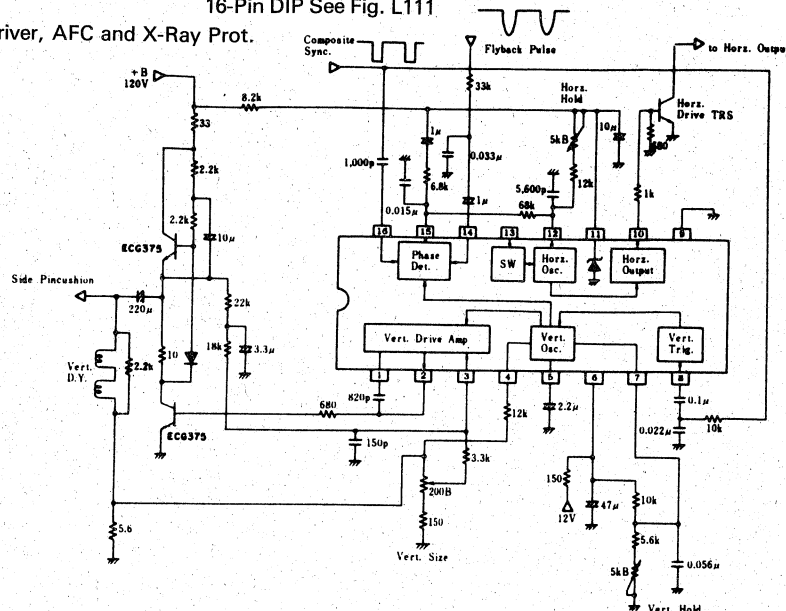


Linear IC and Module Circuits (cont'd)

ECG1544

16-Pin DIP See Fig. L111

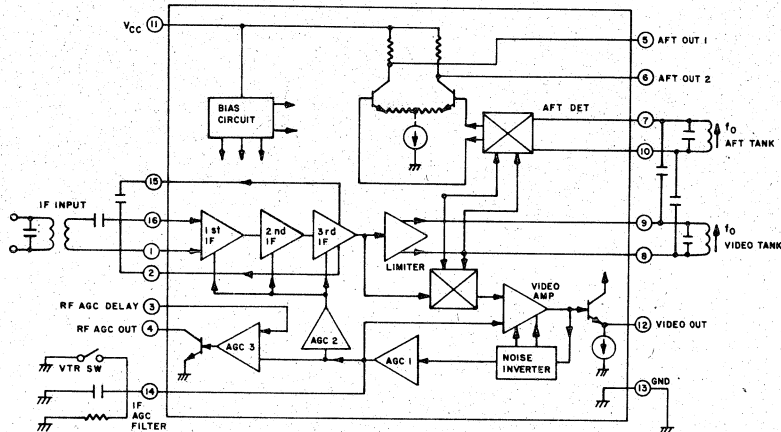
IC-TV Horiz/Vert Osc, Driver, AFC and X-Ray Prot.



ECG1545

16-Pin DIP See Fig. L111

IC-VIF, AGC Amp with AFT



ECG1546

TO-3, 3-Pin See Fig. L11A

Output = +130 V DC, 1 A

ECG1548

ECG1719

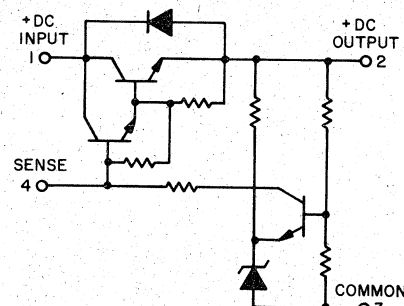
Output = +123 V DC, 1A

Output = +120 V DC, 1 A

ECG1553

Output = +127 V DC, 1A

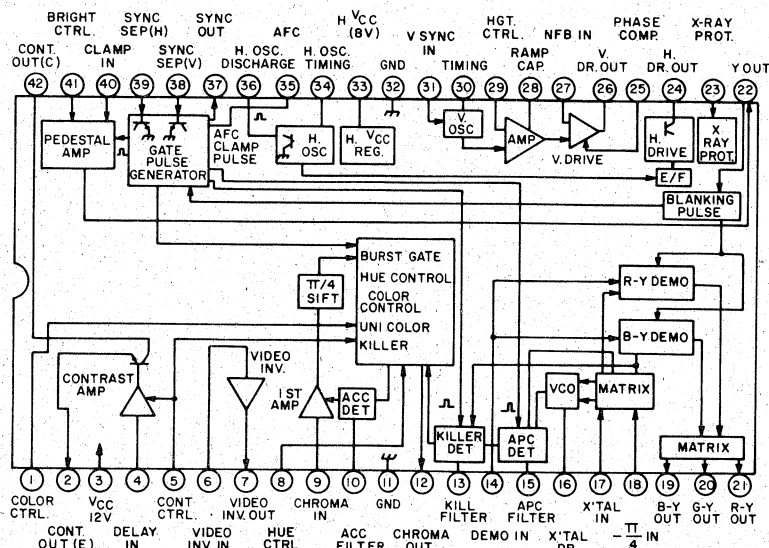
Hybrid TV Voltage Regulator



ECG1547

42-Pin DIP See Fig. L126

Video-Chroma Demod/Horiz/Vert/Osc Dr/HV Protect

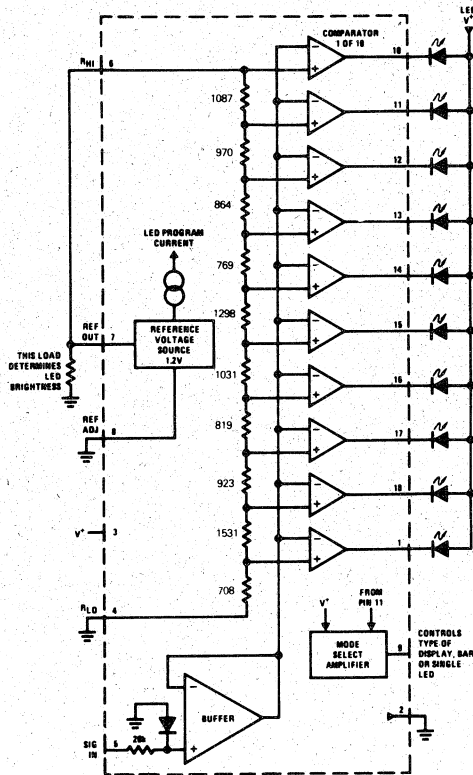


Linear IC and Module Circuits (cont'd)

ECG1549

18-Pin DIP See Fig. L115

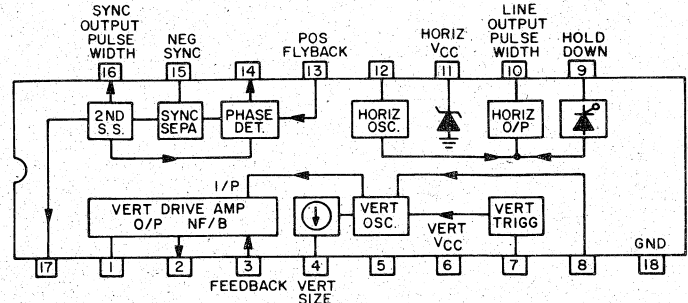
Voltage Level Ind. Dr., 10 Step VU Meter



ECG1550

16 + 2 Pin DIP-ET See Fig. L114

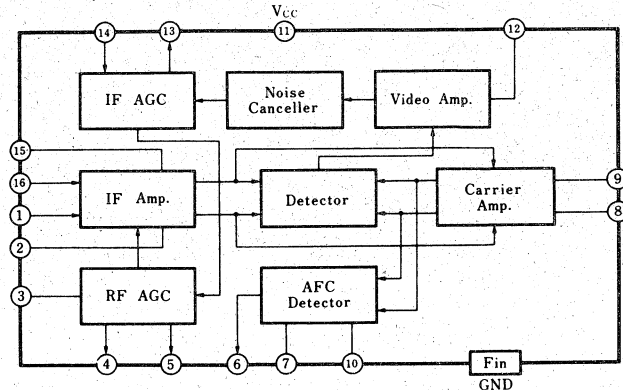
TV Sync Signal Processor



ECG1551

16-Pin DIP-ET See Fig. L151

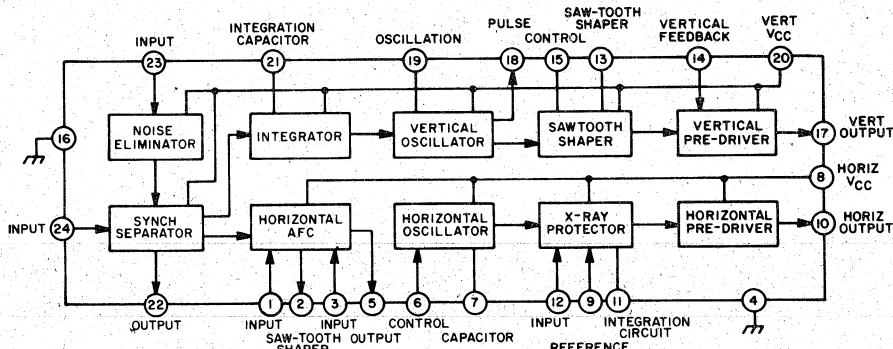
TV Video IF Amp w/Detector, AGC, AFC



ECG1552

24-Pin DIP See Fig. L122

TV Signal Processor w/Vert Horiz Osc, Horiz AFC, X-Ray Protect



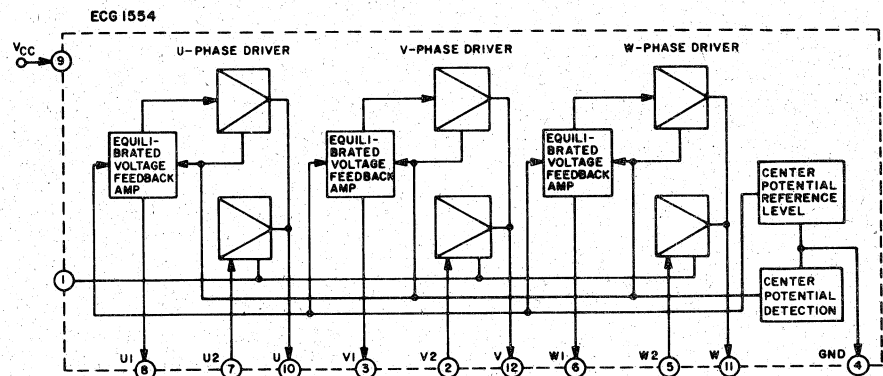
ECG1553

See ECG1546
Page 1-254

ECG1554

12-Pin DIP-W See Fig. L130

VCR Cylinder and Capstan Motor Drive

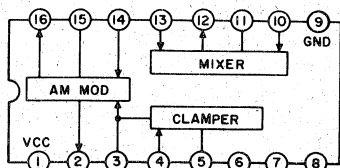


Linear IC and Module Circuits (cont'd)

ECG1555

16-Pin DIP See Fig. L111

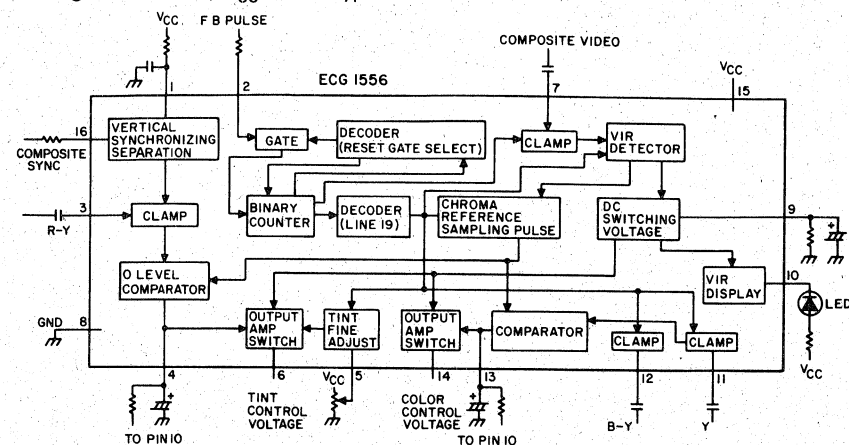
VCR Dual Balanced Mixer



ECG1556

16-Pin DIP See Fig. L111

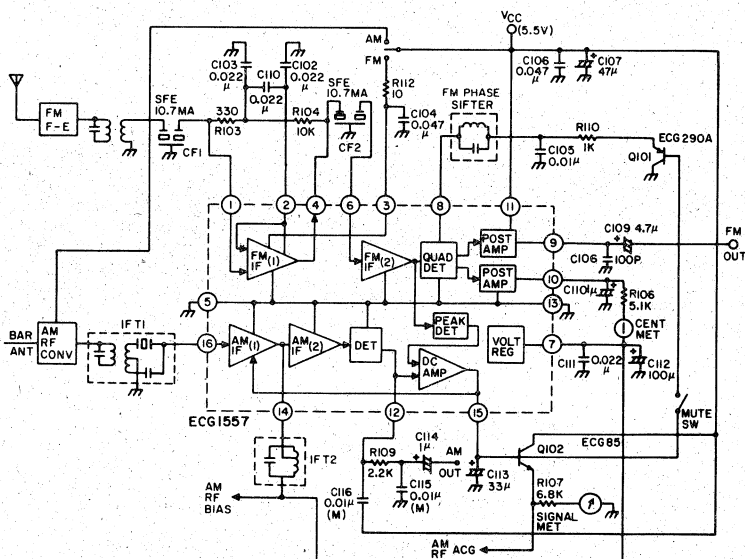
VIR Signal Processor, $V_{CC} = 12\text{ V Typ}$



ECG1557

16-Pin DIP See Fig. L111

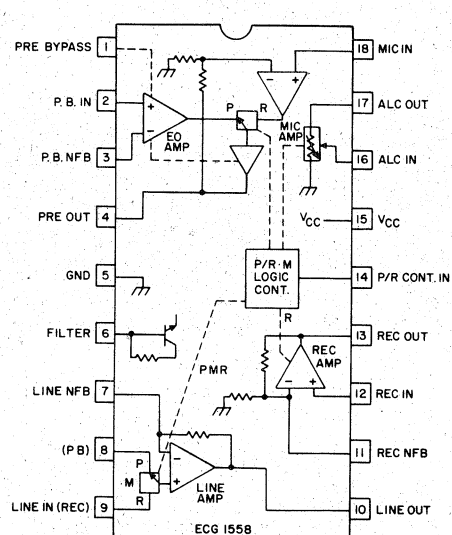
FM/AM IF Amp, w/Det, AM, AGC and Meter Driver, $V_{CC} = 5.5\text{ V Typ}$



ECG1558

18-Pin DIP See Fig. L115

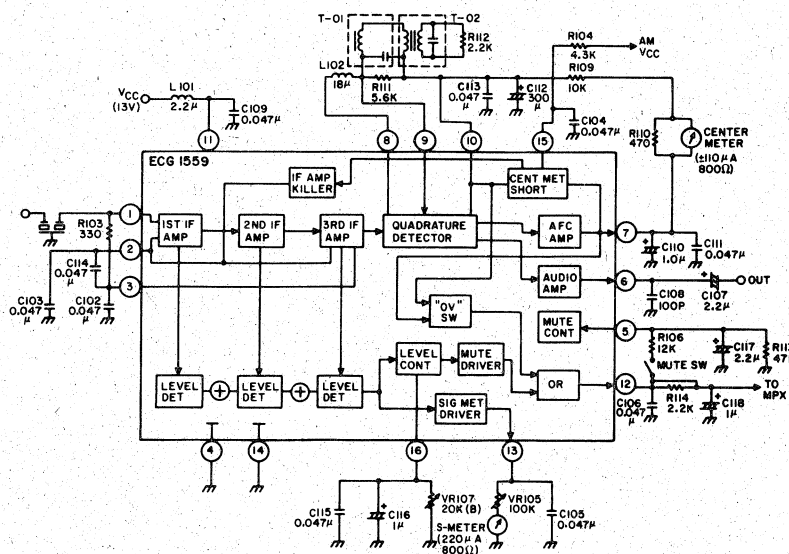
VCR Audio Record/Playback Amp, $V_{CC} = 9\text{ V Typ}$



ECG1559

16-Pin DIP See Fig. L111

FM IF Amp, AFC, Det, Mute and Meter Driver, $V_{CC} = 13\text{ V Typ}$

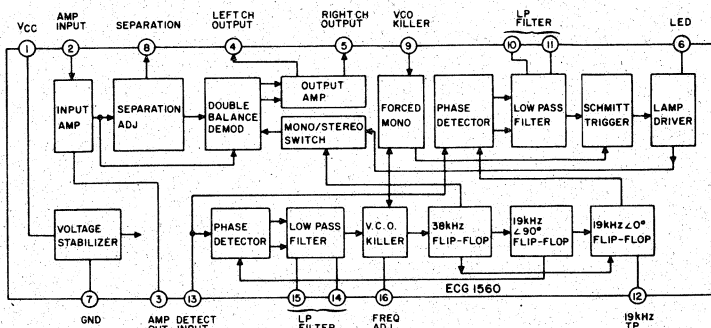


Linear IC and Module Circuits (cont'd)

ECG1560

16-Pin DIP See Fig. L111

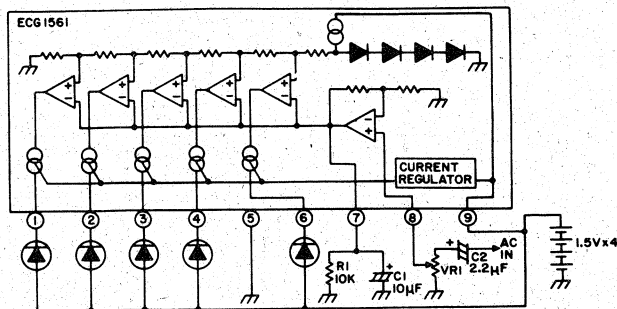
FM Stereo Demodulator, $V_{CC} = 6\text{ V Typ}$



ECG1561

9-Pin SIP See Fig. L40

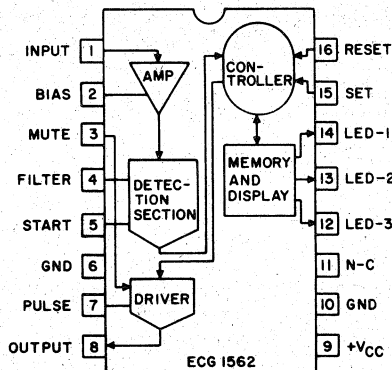
Voltage Level Ind. Dr., 5 Step VU Meter, Direct AC or DC Signal Inputs, $I_O = 15\text{ mA Typ/Seg}$, $V_{CC} = 3.5\text{--}16\text{ V}$



ECG1562

16-Pin DIP See Fig. L111

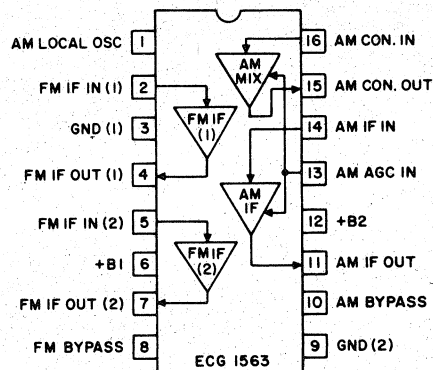
Programmable Search System for Audio Cassettes, $V_{CC} = 9\text{ V Typ}$



ECG1563

16-Pin DIP See Fig. L111

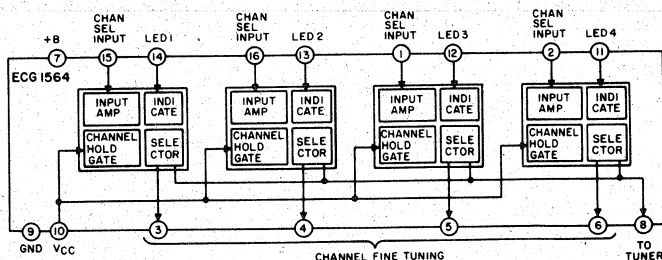
AM/FM IF Amp w/AM Tuner, $V_{CC} = 4\text{ V Typ}$



ECG1564

16-Pin DIP See Fig. L111

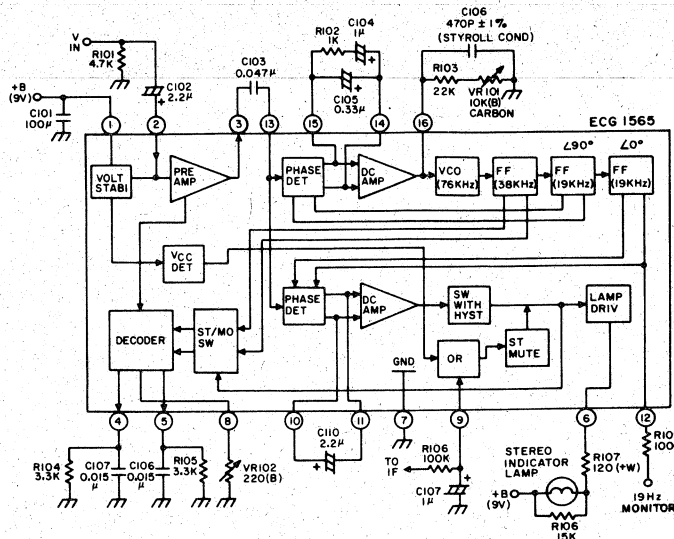
TV/FM Channel Selector System, $B^+ = 33\text{ V}$, $V_{CC} = 17\text{ V Typ}$



ECG1565

16-Pin DIP See Fig. L111

PLL FM Demod for Portable/Car Radio

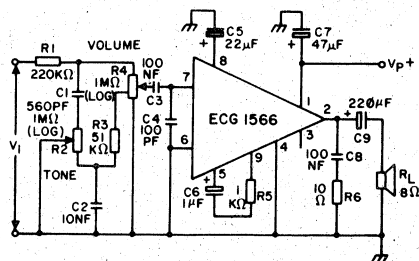


Linear IC and Module Circuits (cont'd)

ECG1566

AF PO, 4.5 W, $V_{CC} = 18 \text{ V}$, $R_L = 8 \Omega$

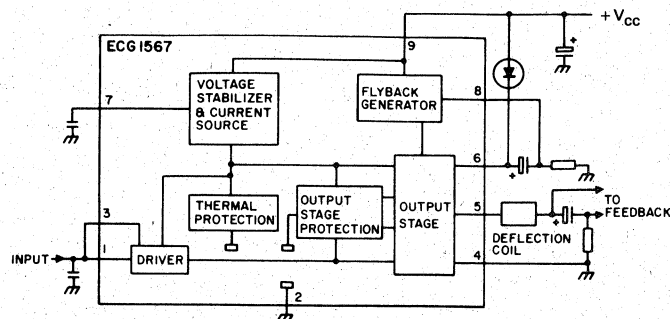
9-Pin SIP-HS See Fig. L81A



ECG1567

TV Vertical Deflection, $V_{CC} = 26 \text{ V Typ}$

9-Lead Formed SIP See Fig. L81B



ECG1568

Capstan Freq Gen for 2, 4, 6 Hr Speed Control, $V_{CC} = 12 \text{ V}$

16-Pin DIP See Fig. L112

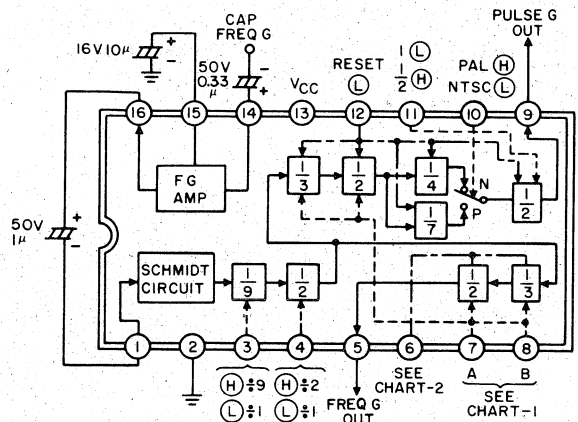


CHART-1

	2 HR	4 HR	6 HR
A	L	L	H
B	L	L	H

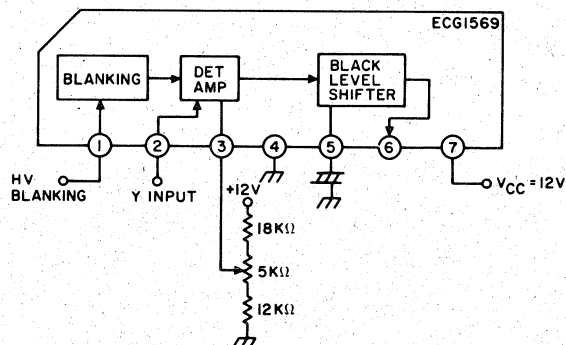
CHART-2

	2 HR	4 HR	6 HR
H	1/2	1	1
L	1/6	1/3	1/2

ECG1569

Video Amp/Blanker/Black Control, $V_{CC} = 12 \text{ V}$

7-Pin SIP See Fig. L29



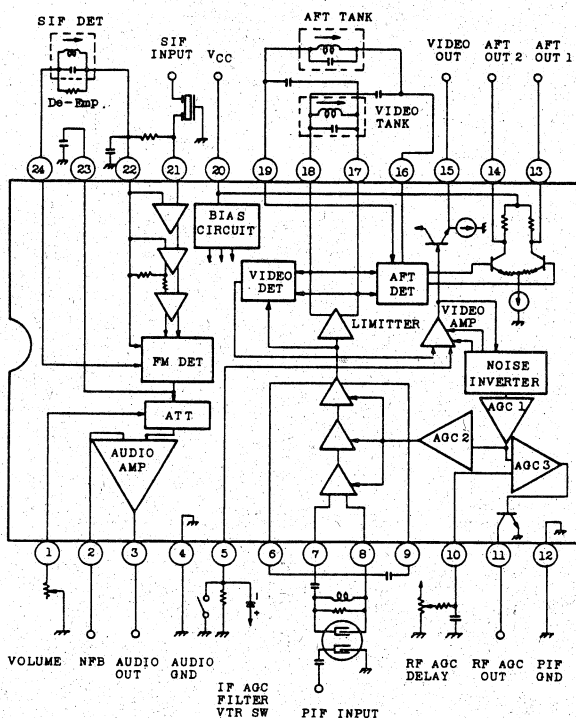
ECG1570

TV Video/IF/SIF/Det/AGC/Audio Driver for NPN Tuner, $V_{CC} = 12 \text{ V Typ}$

24-Pin DIP See Fig. L122

ECG1572

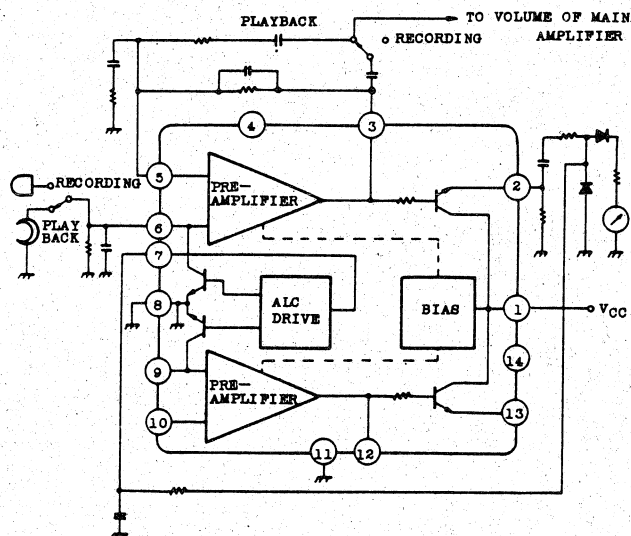
TV Video/IF/SIF/Det/AGC/Audio Driver for FET Tuner, $V_{CC} = 12 \text{ V Typ}$



ECG1571

Dual Audio Pre-Amp with ALC, $V_{CC} = 6 \text{ V Typ}$

14-Pin DIP See Fig. L104

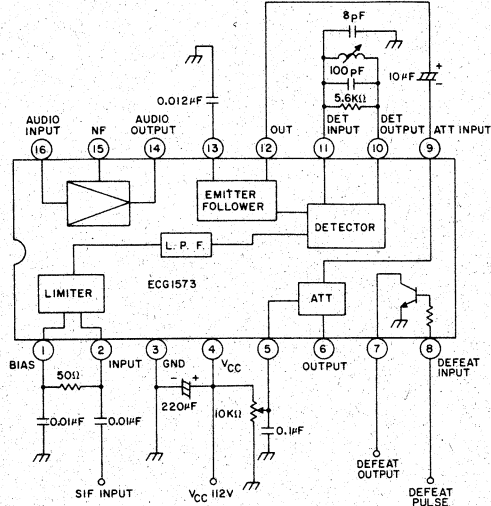


Linear IC and Module Circuits (cont'd)

ECG1573

16-Pin DIP See Fig. L112

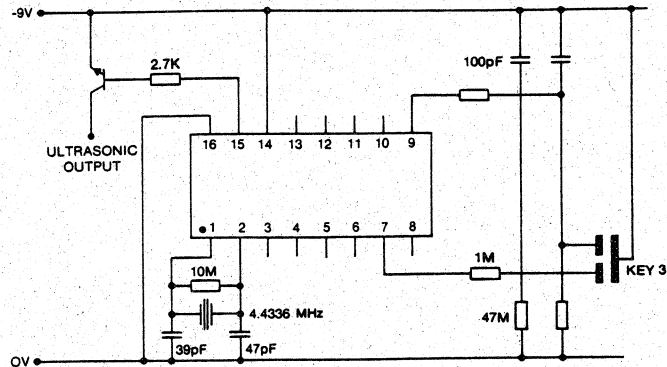
Sound IF, FM Limiter, Detector, Attenuator, AF Driver, $V_{CC}=11\text{ V Typ}$



ECG1574

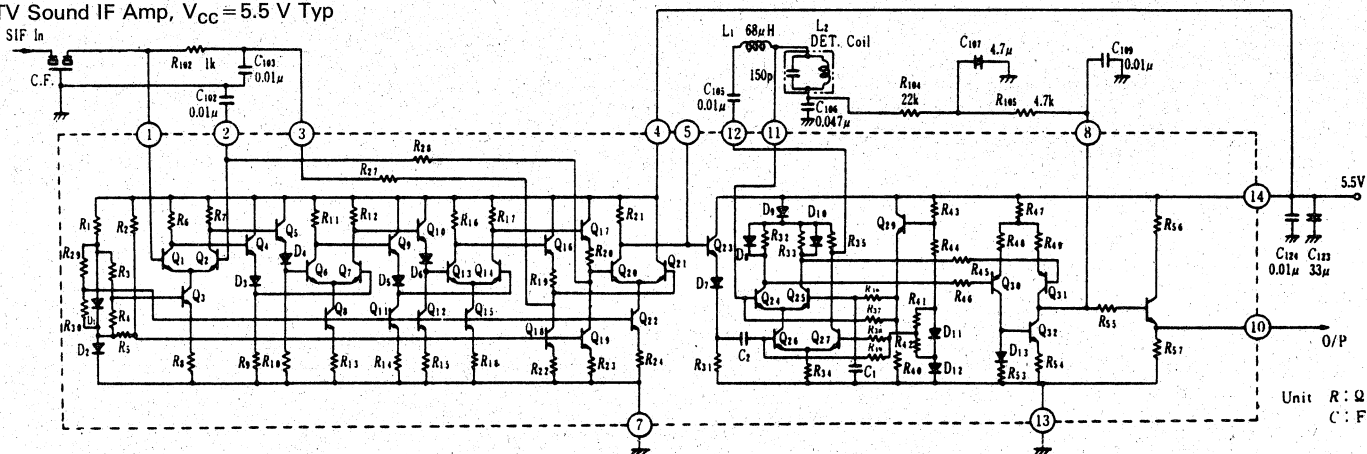
16-Pin DIP See Fig. L111

TV 30 Channel Remote Control Transmitter



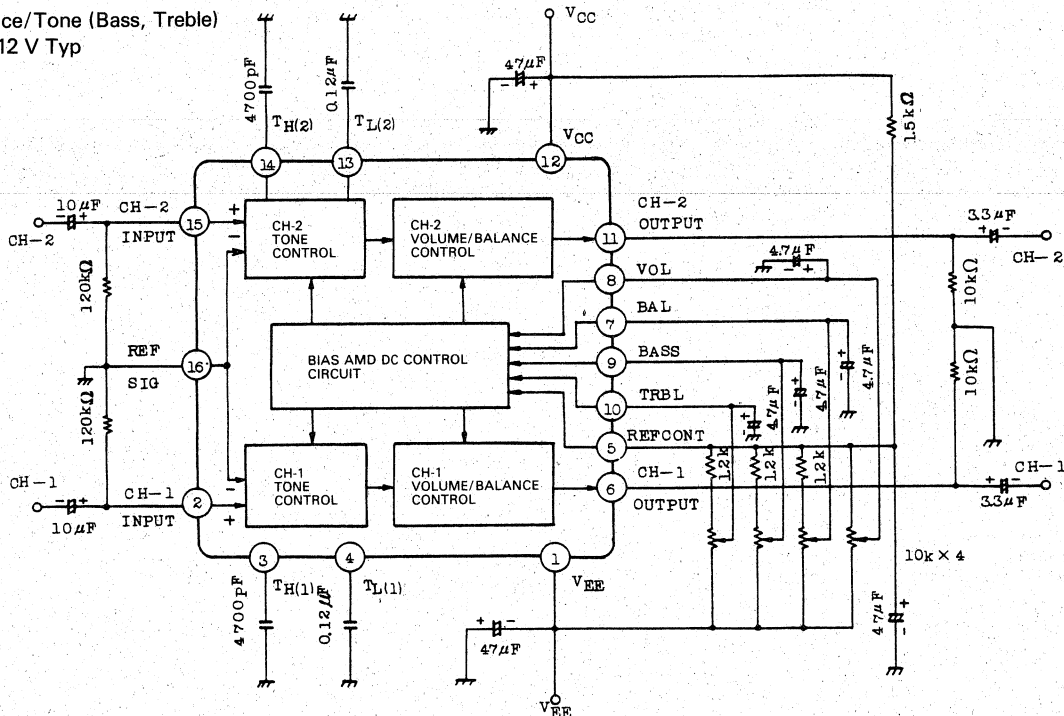
ECG1575

14-Pin DIP See Fig. L104

TV Sound IF Amp, $V_{CC}=5.5$ V Typ**ECG1576**

16-Pin DIP See Fig. L111

Dual Volume/Balance/Tone (Bass, Treble)
DC Control, $V_{CC} = 12\text{ V Typ}$

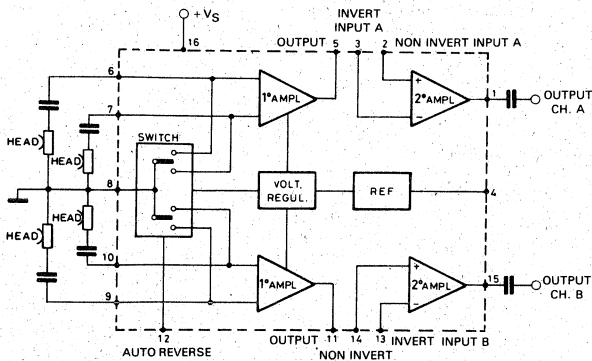


Linear IC and Module Circuits (cont'd)

ECG1577

16-Pin DIP See Fig. L111

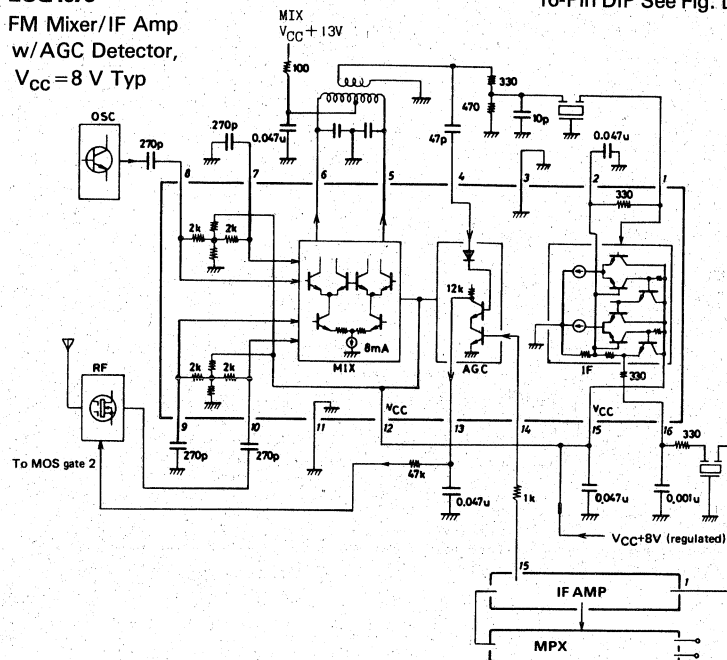
Dual Audio Tape Preamp (Lo-Noise) w/Auto Reverse



ECG1578

16-Pin DIP See Fig. L111

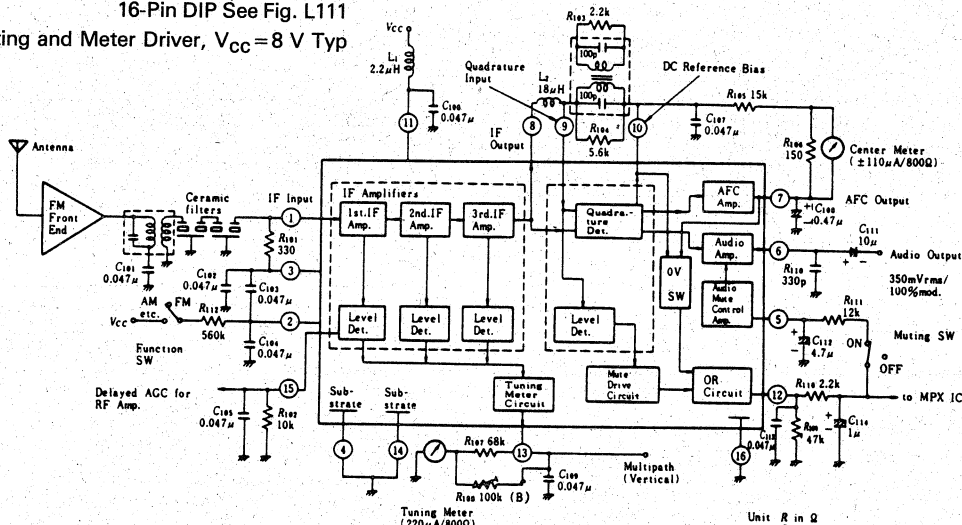
FM Mixer/IF Amp
w/AGC Detector,
 $V_{CC} = 8 \text{ V Typ}$



ECG1579

16-Pin DIP See Fig. L111

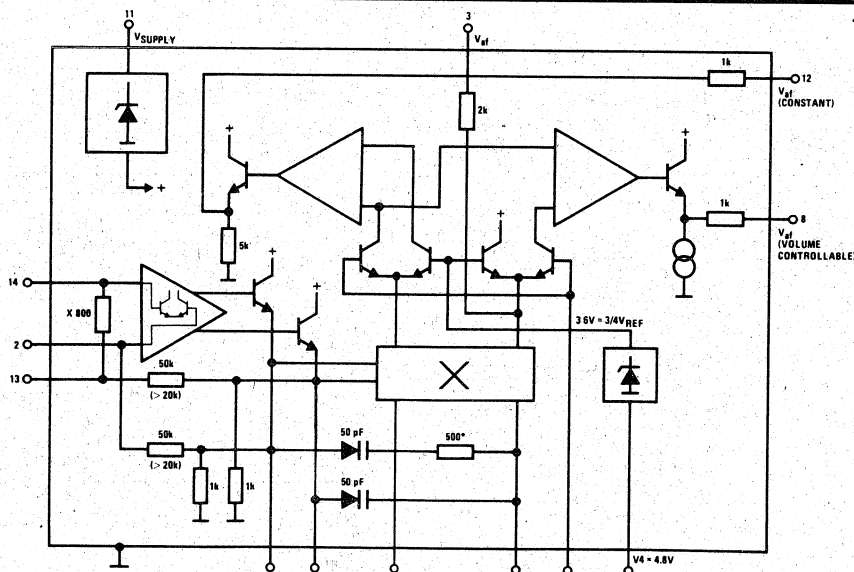
FM IF Amp w/AFC, Muting and Meter Driver, $V_{CC} = 8 \text{ V Typ}$

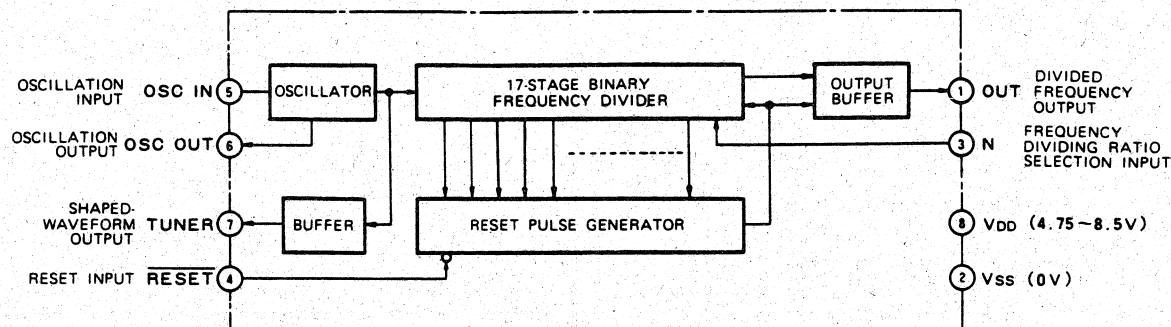


ECG1580

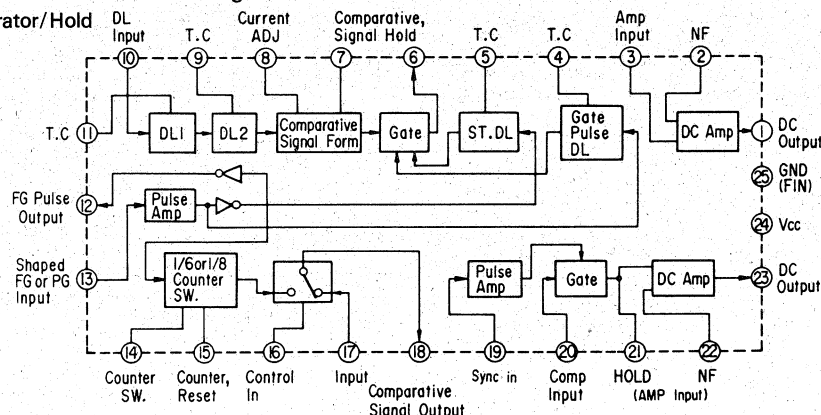
TV/FM IF Amp, Det, w/VCR
Audio Input, $V_{CC} = 12 \text{ V Typ}$

14-Pin DIP See Fig. L104

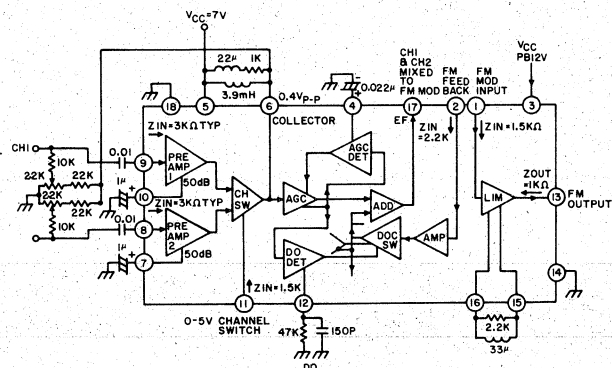


VCR Freq Divider/Counter (CMOS), $V_{DD} = 6.5$ V Typ

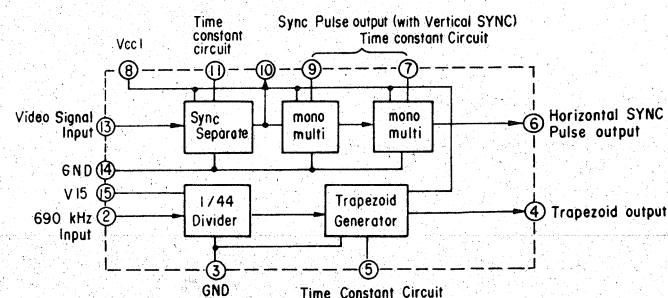
VCR Counter/Dual Gate Amp/Comparator/Hold	DL	Current	Comparative,
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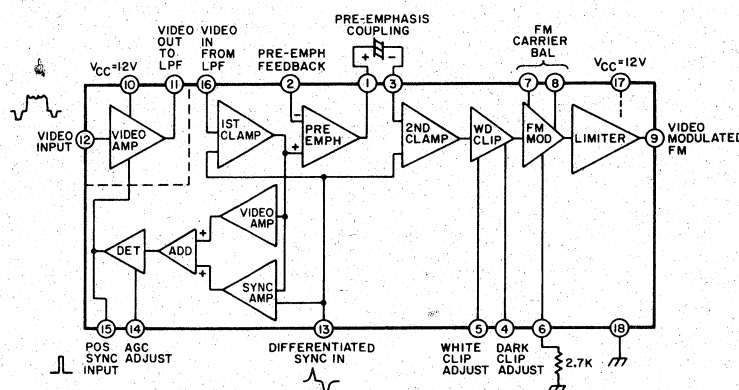
VCR FM Demod/AGC/Clipper/Pre-Emph



VCR Sync Separator/Divider/Trapezoid Generator



VCR Video/Sync Amp/AGC/FM Mod/Limiter

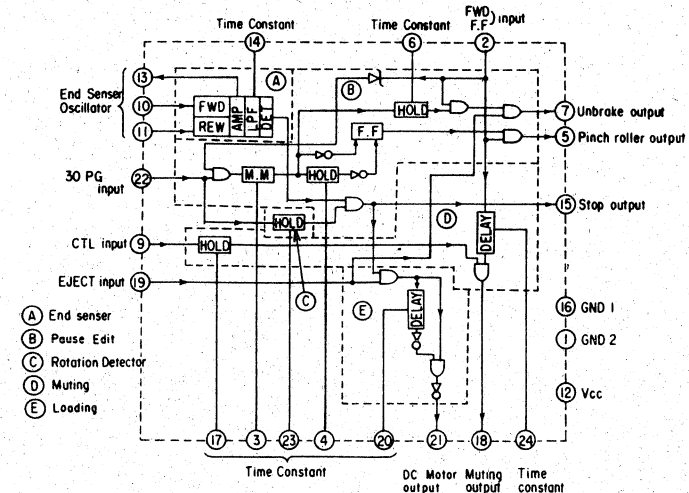


Linear IC and Module Circuits (cont'd)

ECG1586

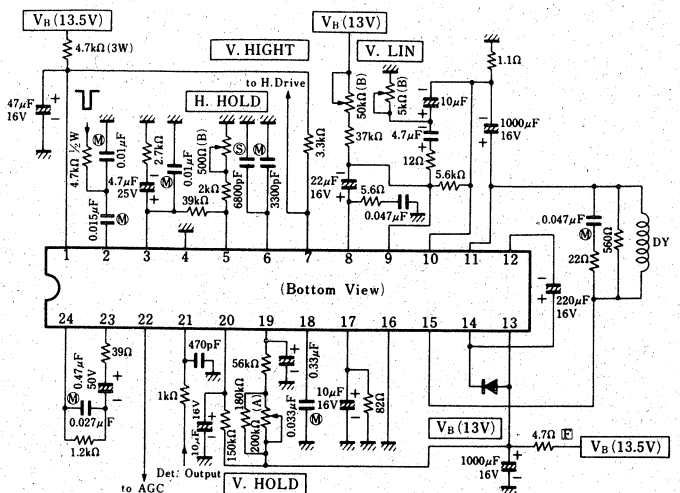
24-Pin DIP-ET See Fig. L153

VCR Tape Sensing/Mute/End of Tape Pause/Load/Rotation

**ECG1587**

24-Pin DIP See Fig. L122A

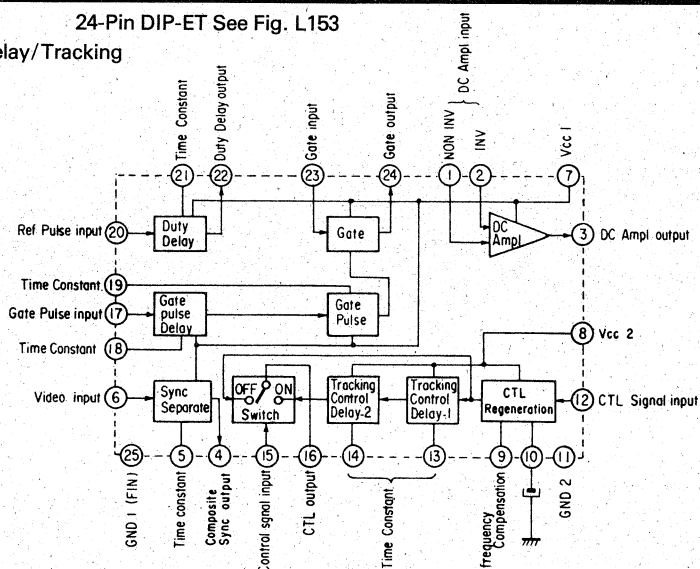
Horiz/Vert/Osc/Sync/Driver



ECG1588

24-Pin DIP-ET See Fig. L153

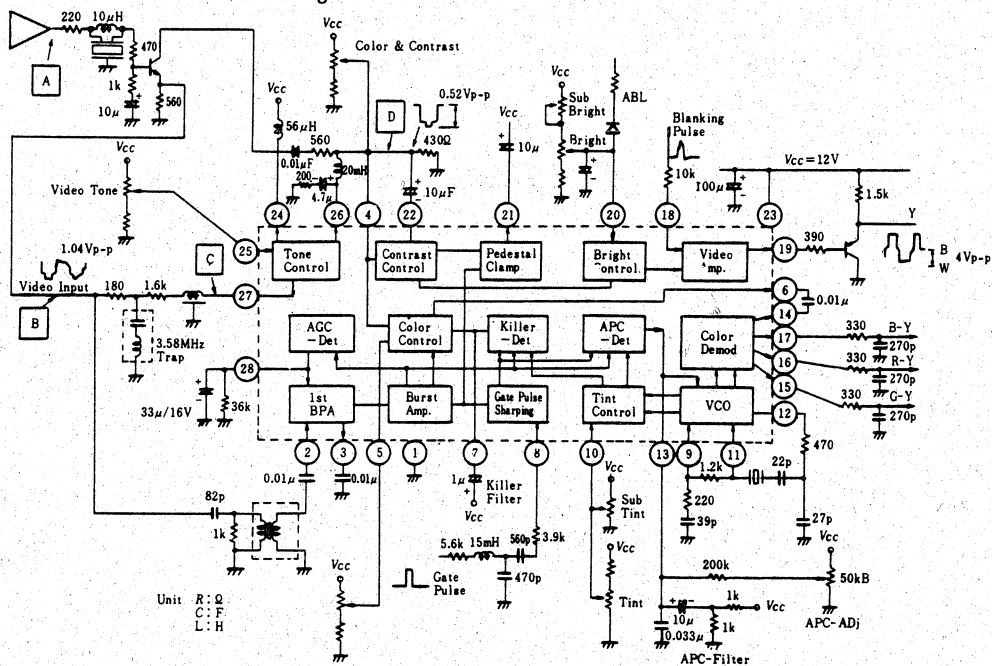
VCR Drum Servo Control/Sync/Delay/Tracking



ECG1589

28-Pin DIP See Fig. L124

Chroma/Video Amp/Demod

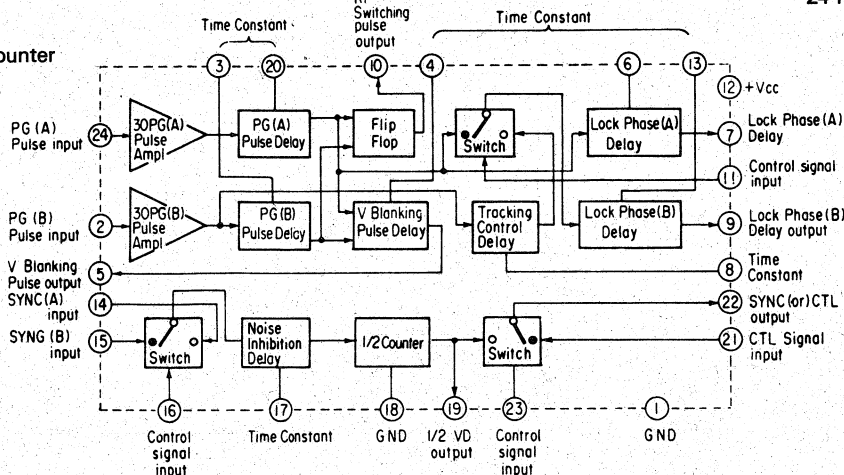


Linear IC and Module Circuits (cont'd)

ECG1590

VCR Drum/Capstan Servo
Control/Phase/Blank Delay/Counter

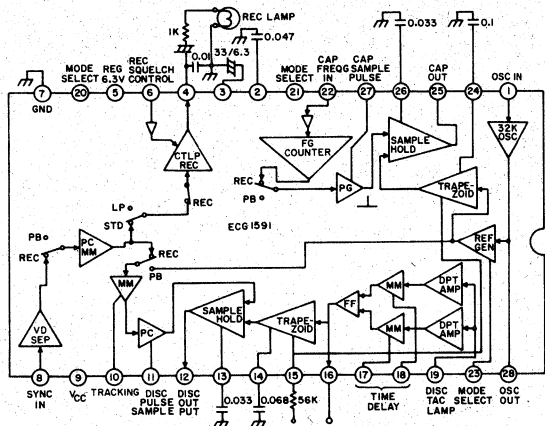
24-Pin DIP-ET See Fig. L153



ECG1591

VCR Capstan Phase Control System

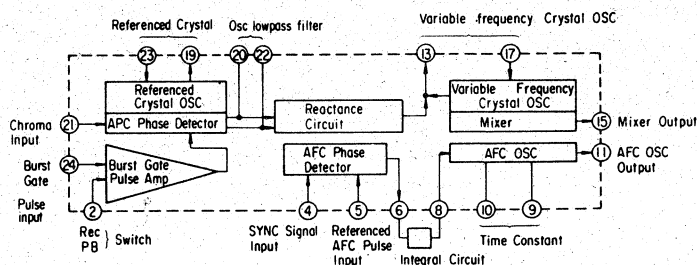
28-Pin DIP See Fig. L124



ECG1592

VCR Auto Phase/Freq Det/Color Osc and Mixer

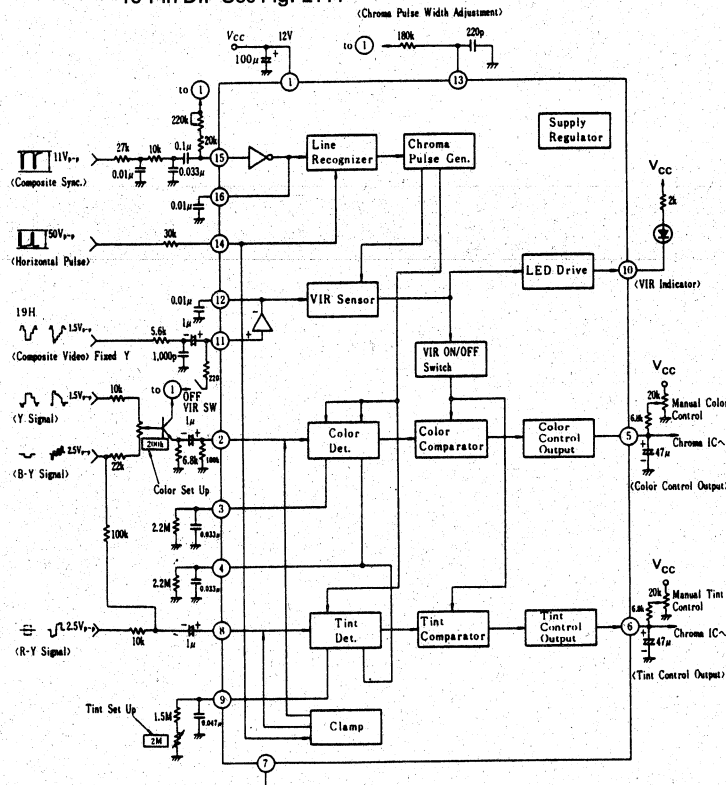
24-Pin DIP-ET See Fig. L153



ECG1593

VIR Signal Processor

16-Pin DIP See Fig. L111

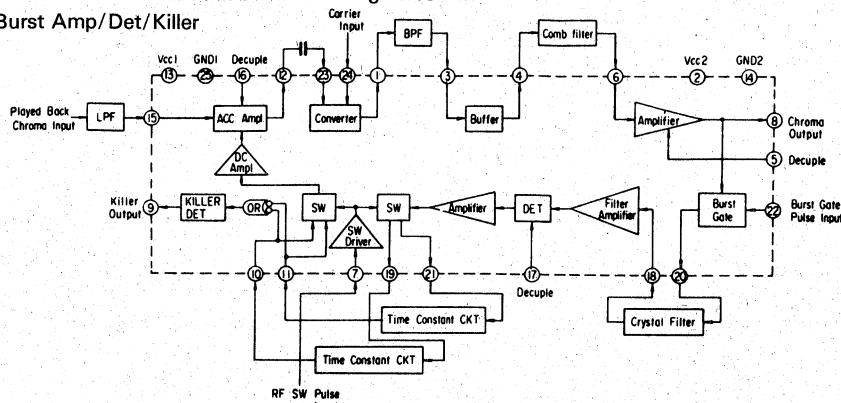


Linear IC and Module Circuits (cont'd)

ECG1594

24-Pin DIP-ET See Fig. L153

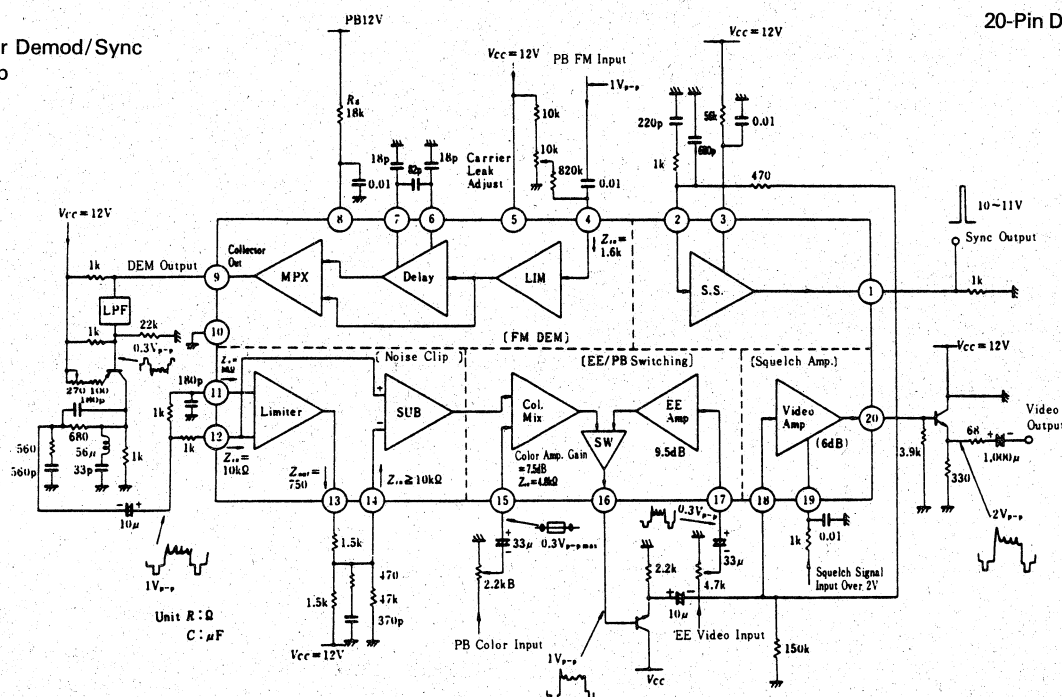
VCR Playback/Chroma/Burst Amp/Det/Killer



ECG1595

20-Pin DIP See Fig. L118

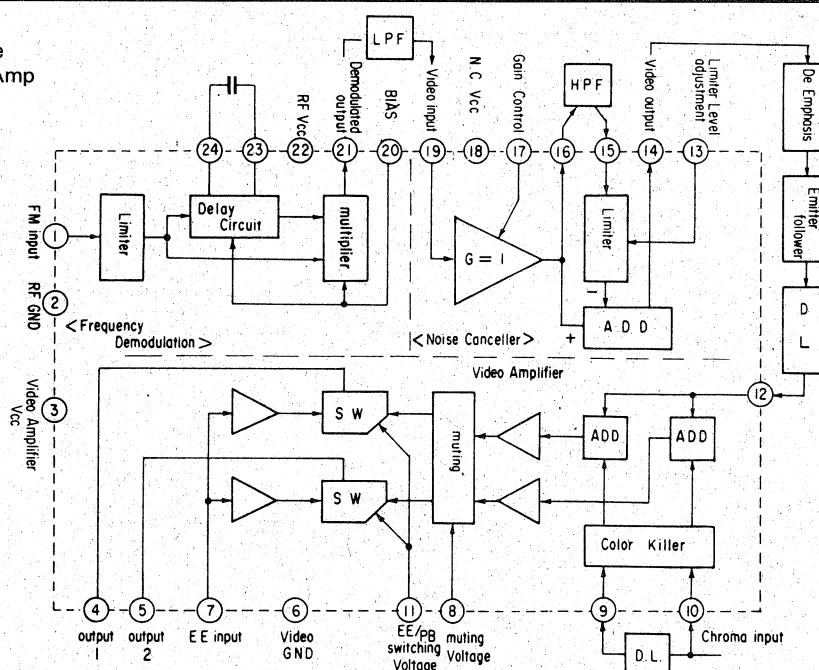
VCR FM Limiter Demod/Sync
Sep/Video Amp



ECG1596

24-Pin DIP-ET See Fig. L153

VCR Freq Demod/Noise
Cancel/Video Chroma Amp

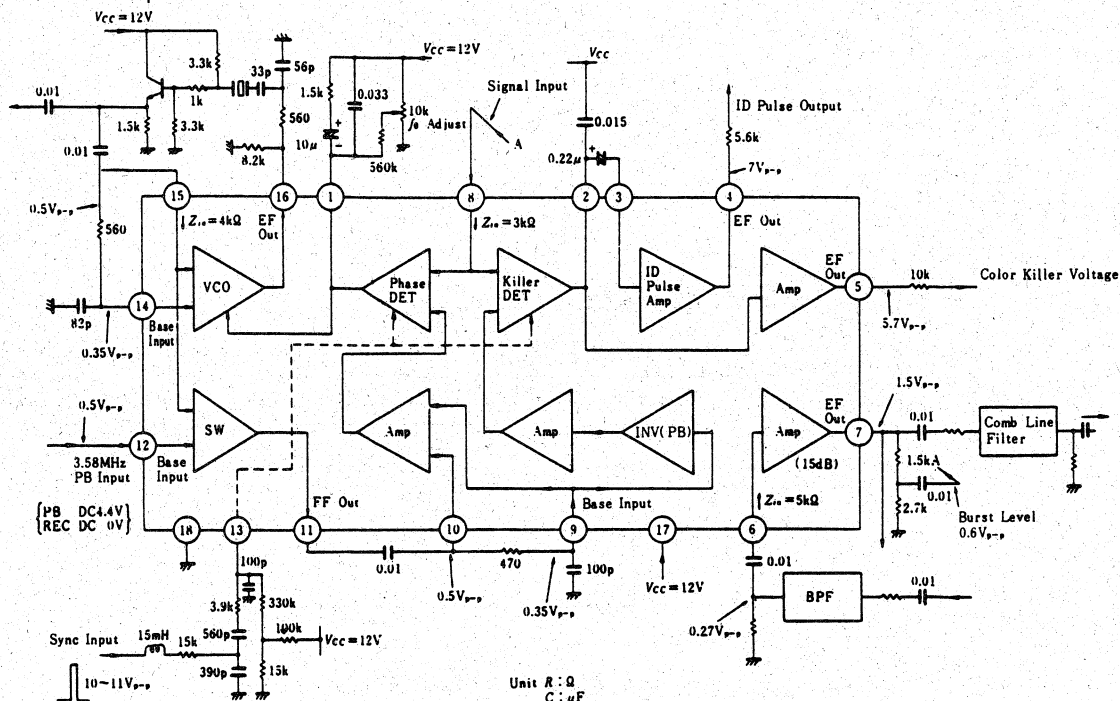


Linear IC and Module Circuits (cont'd)

ECG1597

16 + 2-Pin DIP-ET See Fig. L114

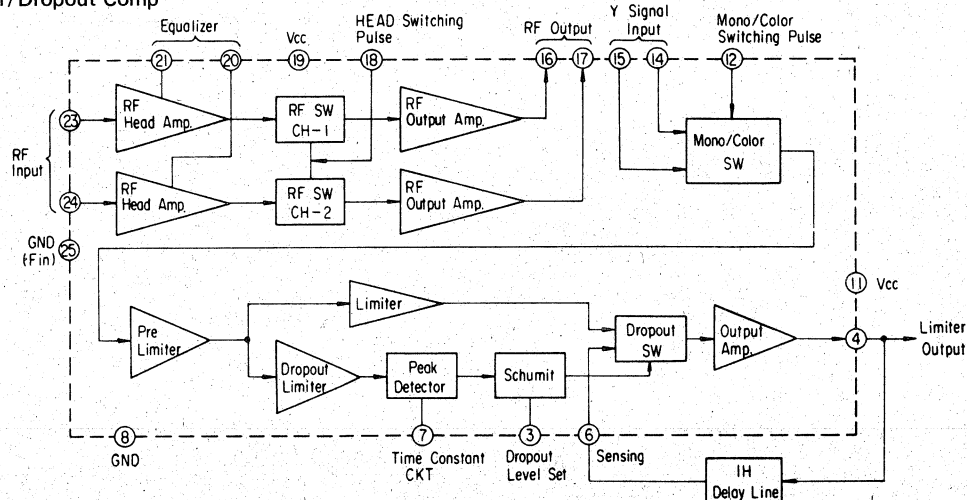
Chroma Amp/VCO/Burst/Buffer Amp



ECG1598

24-Pin DIP-ET See Fig. L153

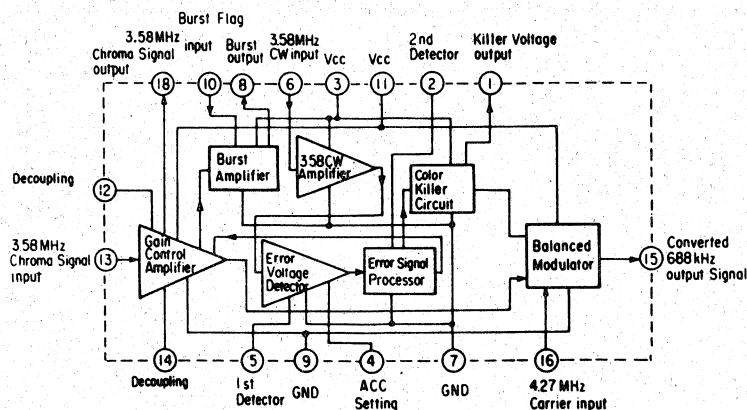
VCR Head Amp/Limiter/Dropout Comp



ECG1599

18-Pin DIP-ET See Fig. L152

VCR Chroma Processor and 688 kHz Modulator

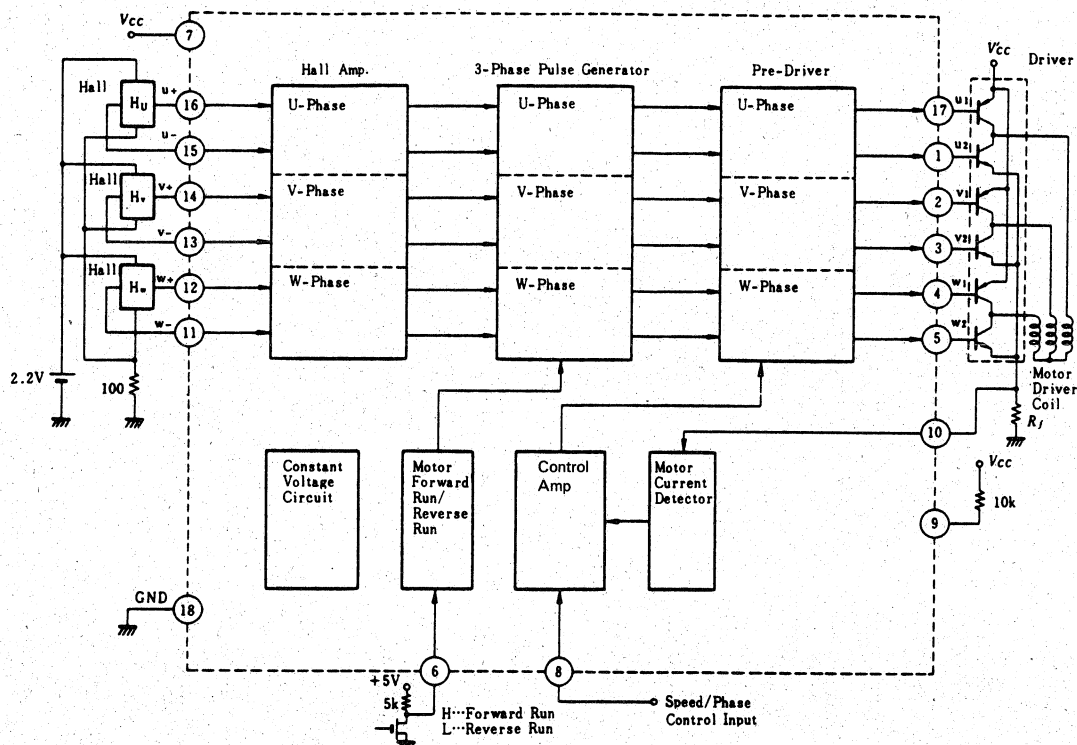


Linear IC and Module Circuits (cont'd)

ECG1600

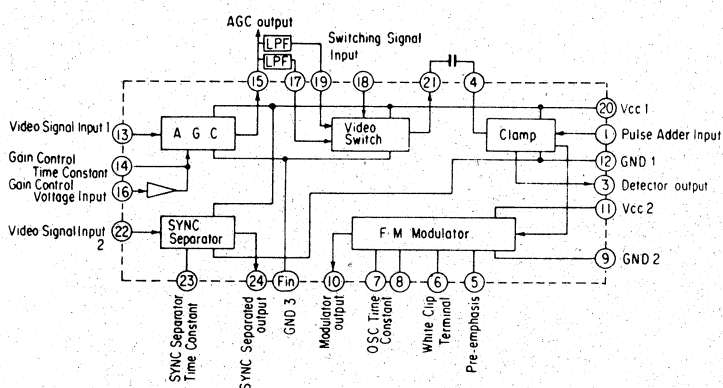
VCR 3-Phase Motor Speed Control/Forward/Reverse

16 + 2-Pin DIP-ET See Fig. L114

**ECG1601**

VCR Video Sw/Sync Sep/AGC/FM Mod

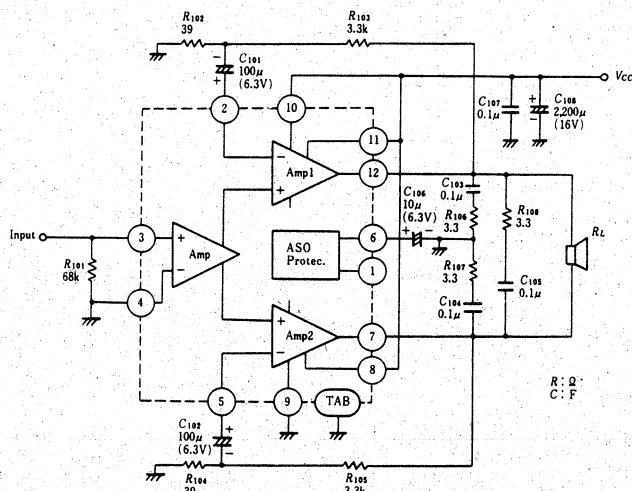
24-Pin DIP-ET See Fig. L153



ECG1602

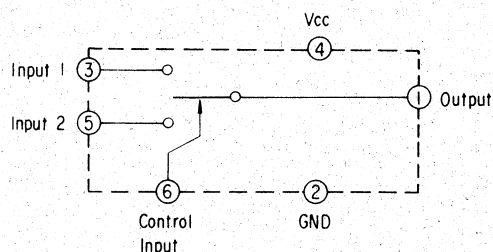
19 W AF PO, $V_{GG} = 13.2 \text{ V}$, $R_I = 4 \Omega$

12-Pin SIP-HS See Fig. L92

**ECG1603**

VCR Electronic Switch

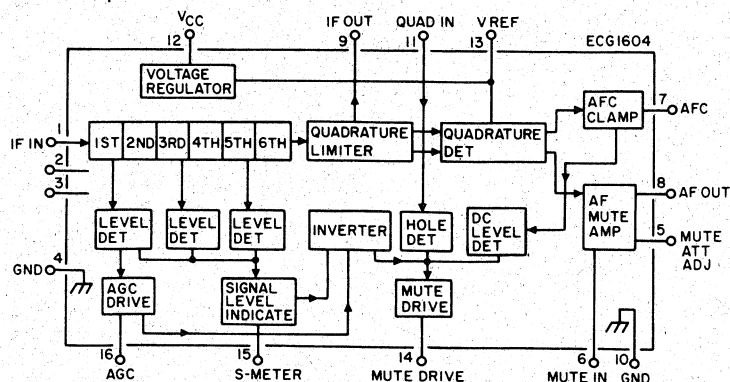
6-Pin DIP See Fig. L96A



ECG1604

IF/Det/Preamp/Meter Drive/Mute

16-Pin ZIL See Fig. L46

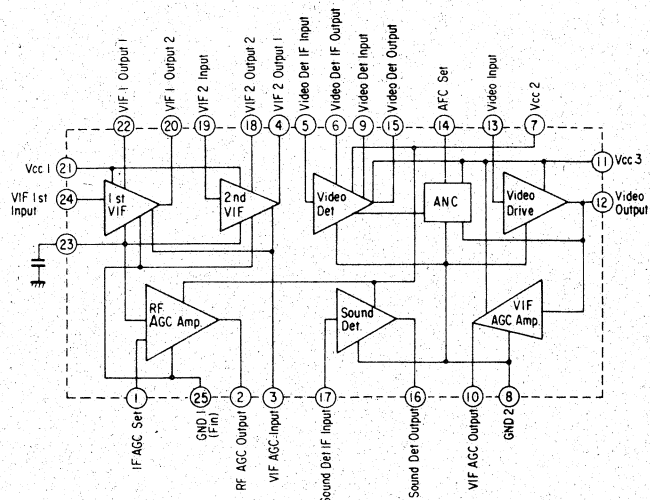


Linear IC and Module Circuits (cont'd)

ECG1605

24-Pin DIP-ET See Fig. L153

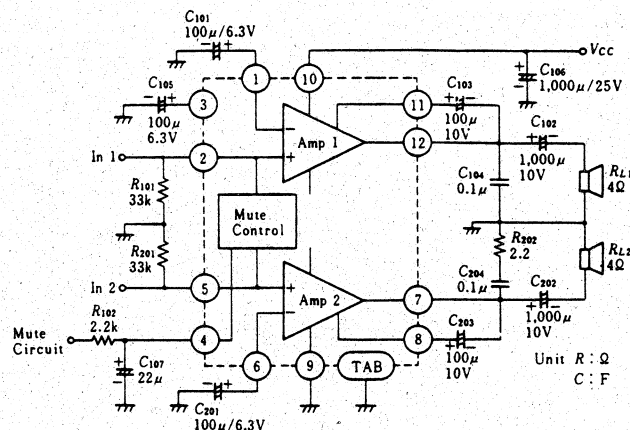
VCR VIF Amp/Det/Video Amp/Audio Det/AGC



ECG1606

12-Pin SIP-HS See Fig. L92

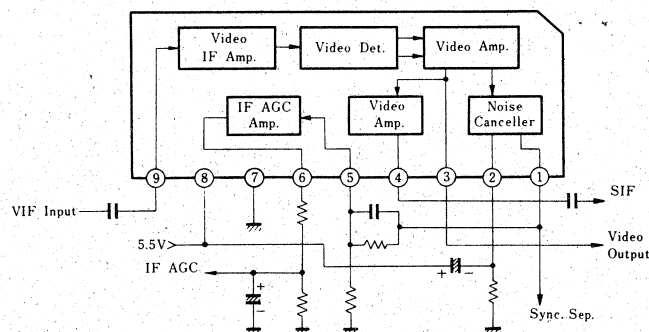
Dual 4.3 W/Ch AF PO, $V_{CC} = 12 \text{ VDC}$, $R_L = 4 \Omega$



ECG1607

9-Pin SIP See Fig. L41

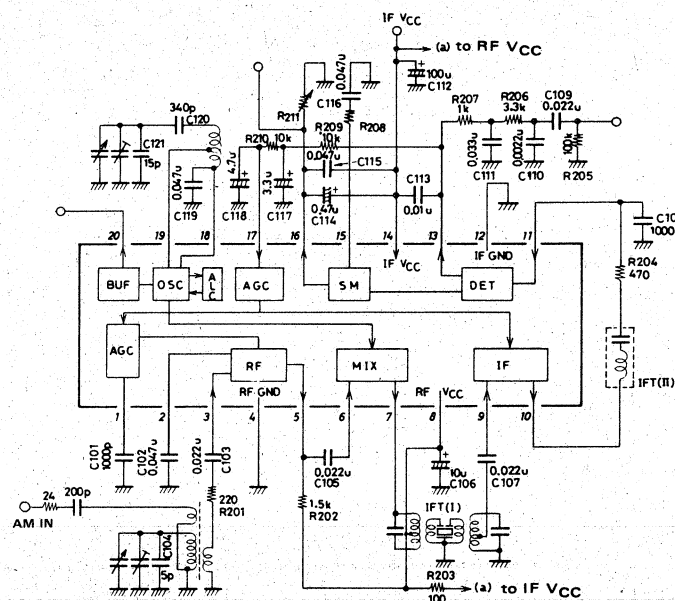
VIF/Det/Video Amp/AGC, $V_{CC} = 5.5 \text{ V Typ}$



ECG1608

20-Pin DIP See Fig. L118

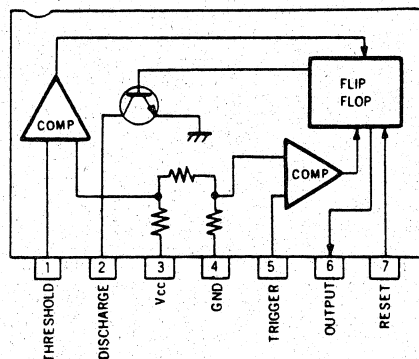
AM RF Amp/Osc/Mix/IF/Det for Electronic Tuning



ECG1609

7-Pin SIP See Fig. L31A

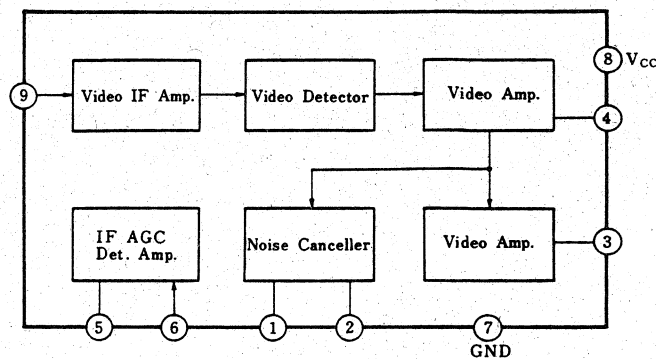
VCR Instrumentation Timer



ECG1610

9-Pin SIP See Fig. L41

VIF Amp/Det/Video Amp/AGC, $V_{CC} = 11 \text{ V Typ}$

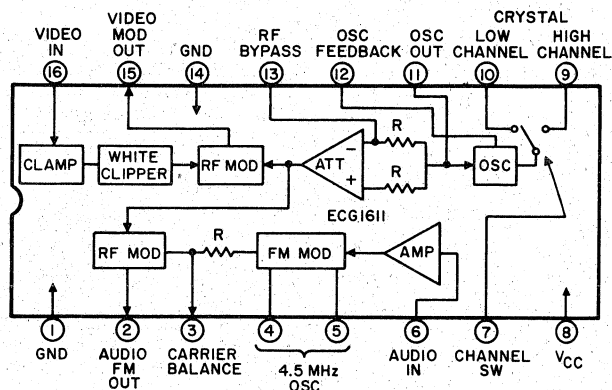


Linear IC and Module Circuits (cont'd)

ECG1611

VCR Video and FM Sound Mod/Carrier Osc

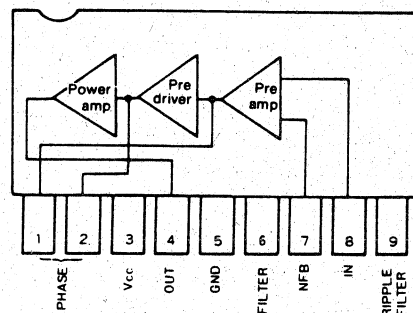
16-Pin DIP See Fig. L111



ECG1612

700 mW AF PO for Battery Use, $V_{CC}=6\text{ V}$, $R_L=8\ \Omega$

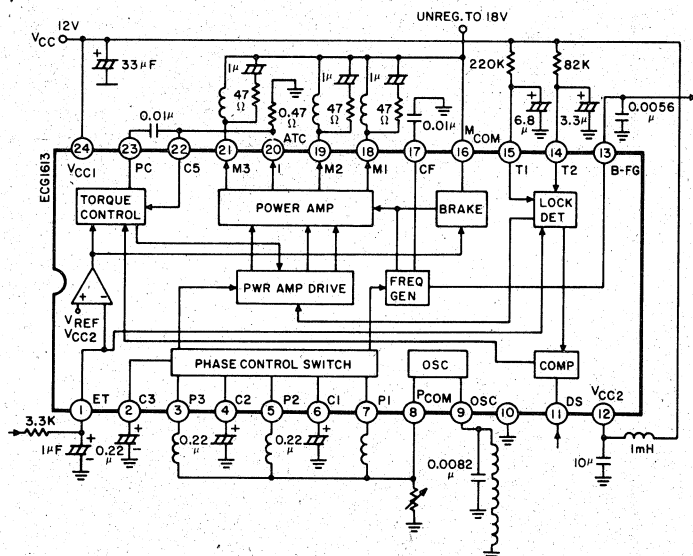
9-Pin SIP See Fig. L40



ECG1613

VCR Cylinder Motor Drive/Control

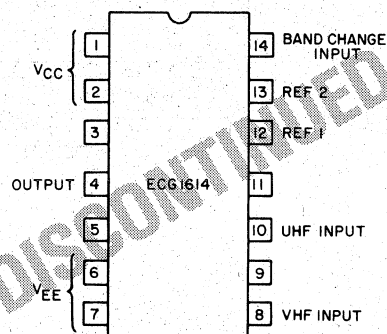
24-Pin DIP See Fig. L122A



ECG1614

UHF/VHF TV Tuner Prescaler, $\div 256$

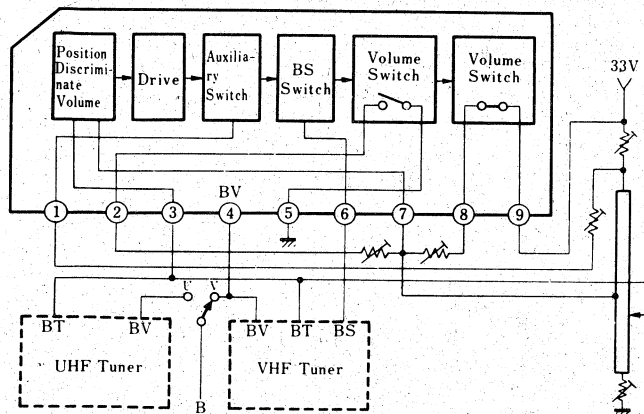
14-Pin DIP See Fig. L104



ECG1615

B/W TV Tuner Band Switch

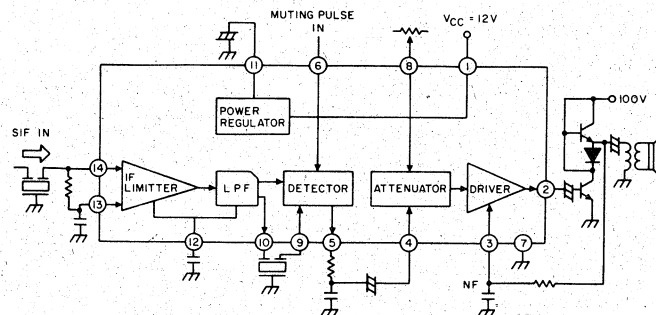
9-Pin SIP See Fig. L41



ECG1616

TV Sound IF Amp/Det/Driver, $V_{CC}=12\text{ V}$ Typ

14-Pin DIP See Fig. L104

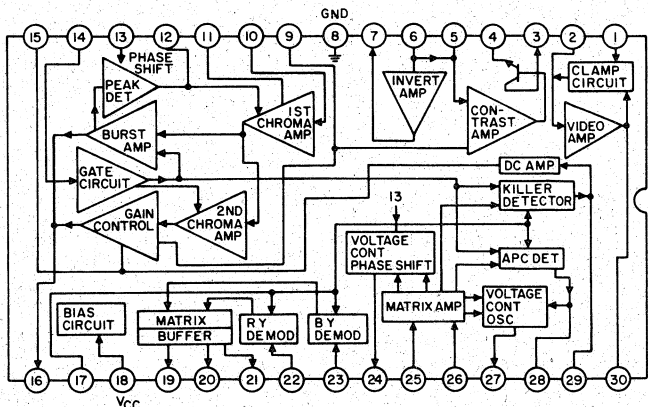


Linear IC and Module Circuits (cont'd)

ECG1617

30-Pin DIP See Fig. L124B

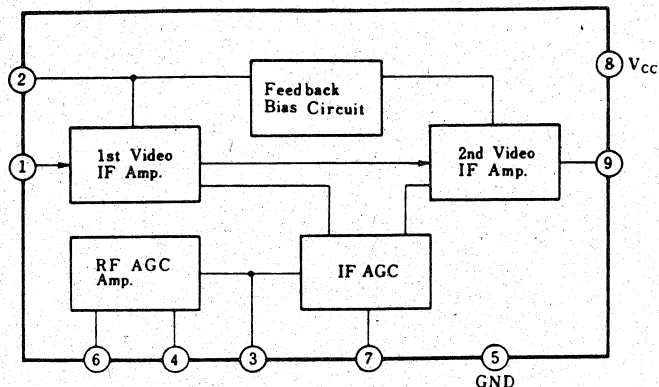
TV Video and Chroma Processor/Demod, $V_{CC} = 12\text{ V Typ}$



ECG1618

9-Pin SIP See Fig. L41

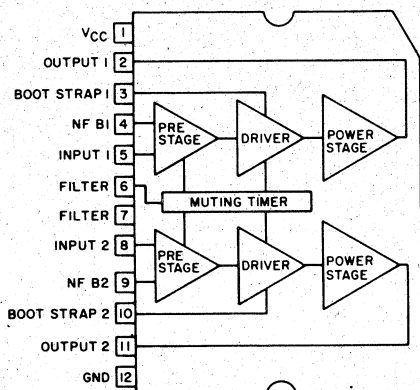
TV Video IF Amp and AGC, $V_{CC} = 11\text{ V Typ}$



ECG1619

12-Pin SIP See Fig. L55

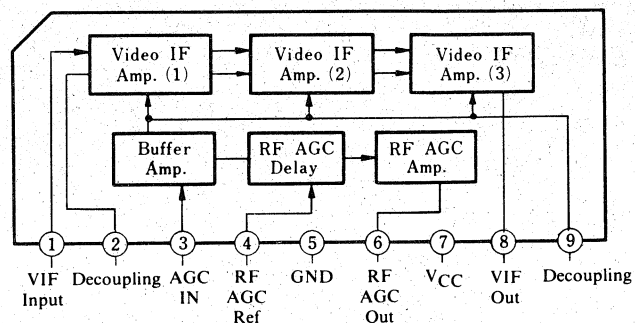
Dual 4.5 W/Ch AF PO, $V_{CC} = 12\text{ V}$, $R_L = 4\ \Omega$



ECG1620

9-Pin SIP See Fig. L41

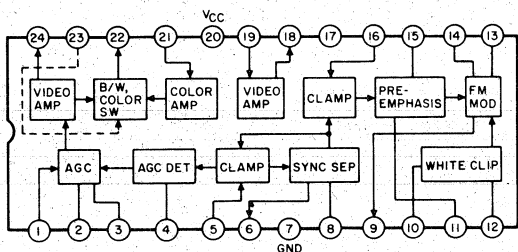
IC-TV Video IF/AGC, B & W, $V_{CC} = 5.5\text{ V Typ}$



ECG1621

24-Pin DIP See Fig. L122

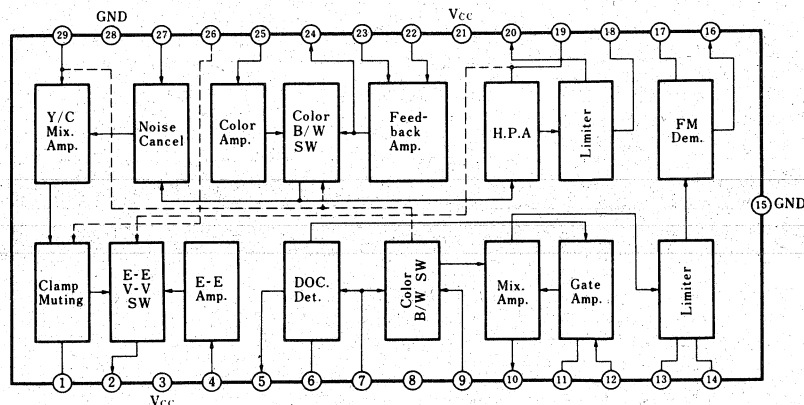
VCR Recording Video Proc/FM Mod/
AGC/Sync/Clamp, $V_{CC} = 12\text{ V DC}$



ECG1622

28-Pin DIP-HS See Fig. L154

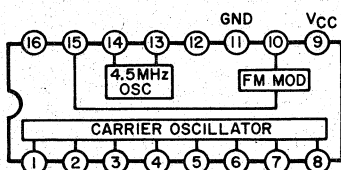
VCR Video/Color Amp/FM Demod, $V_{CC} = 12\text{ V}$



ECG1623

16-Pin DIP See Fig. L111

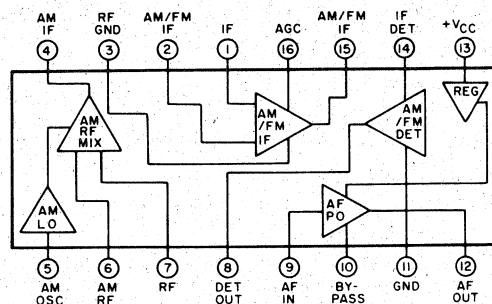
VCR Carrier Osc/FM Demod



ECG1624

16-Pin DIP See Fig. L111

AM/FM IF/Det/AM Osc/Mix/AGC/AF Out, $V_{CC} = 9\text{ V}$

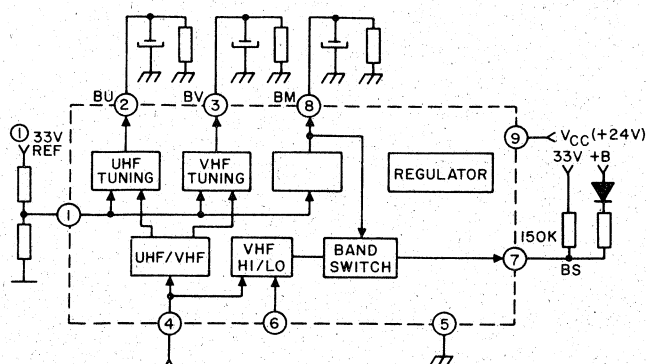


Linear IC and Module Circuits (cont'd)

ECG1625

9-Pin SIP See Fig. L41

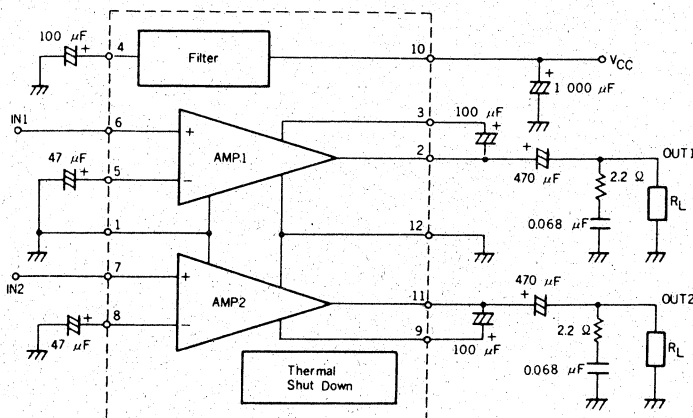
Tuner Band Switch/Tuning, $V_{CC} = 24\text{ V}$, $V_{ref} = 33\text{ V}$



ECG1626

12-Pin SIP See Fig. L57

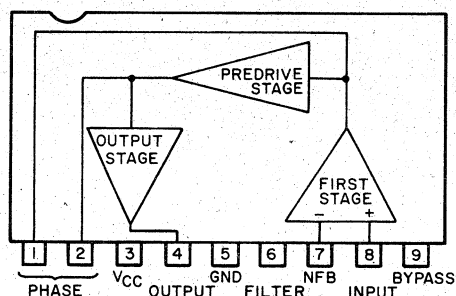
Dual 4.2 W/Ch AF PO, $V_{CC} = 12\text{ V}$, $R_L = 4\Omega$



ECG1627

9-Pin SIP See Fig. L40

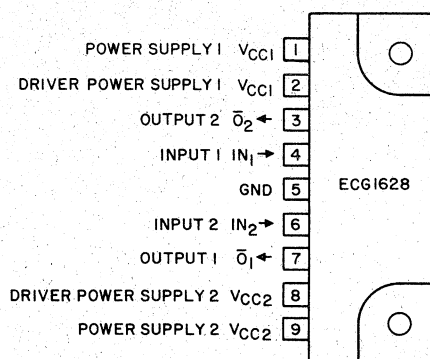
0.55 W (Typ) AF PO, $V_{CC} = 6\text{ V}$, $R_L = 8\Omega$



ECG1628

9-Pin SIP-HS See Fig. L80

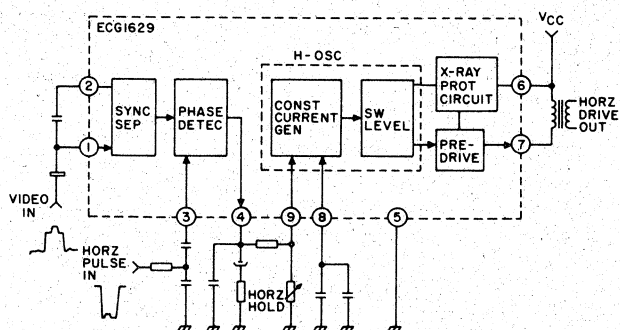
VCR Loading/Bi-directional Motor Drive



ECG1629

9-Pin SIP See Fig. L41

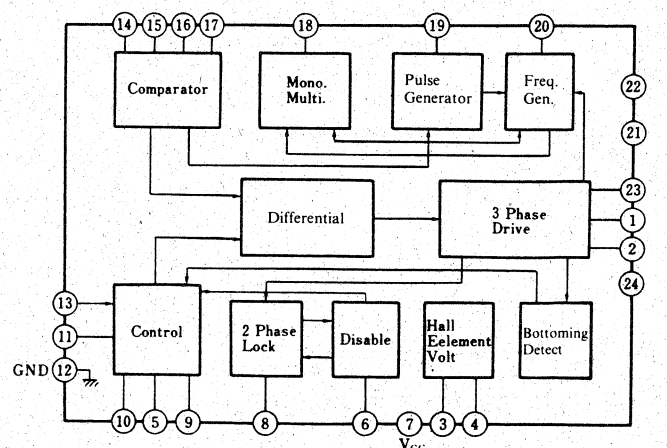
IC-TV Sync Sep/Phase Det/ Horiz Osc, Driver, X-Ray Protect, $V_{CC} = 11\text{ V Typ}$



ECG1630

24-Pin DIP See Fig. L122A

IC-VCR 3 Phase Capstan Motor Driver, PG, FG, Motor Lock Det. $V_{CC} = 12\text{ V Typ}$



ECG1631 16-Pin ZIL See Fig. L47A
IC-FM Stereo Demod, Soft Muting, Pop Noise Reduction,
V_{CC}=9 V Typ

ECG1632 18-Pin DIP See Fig. L115
IC-Horiz, Vert, Osc, Sync, Driver, $V_{CC1} = 12\text{ V Typ}$, $V_{CC2} = 8.5\text{ V Typ}$

ECG1633 20-Pin DIP See Fig. L118A
IC-TV Sound IF, Tone, Vol, FM Det, Limiter, Preamp, $P_O = 4\text{ W}$,
 $R_I = 16\ \Omega$, $V_S = 24\text{ V Typ}$

ECG1634 14-Pin DIP See Fig. L104
Dual Channel AF Preamp

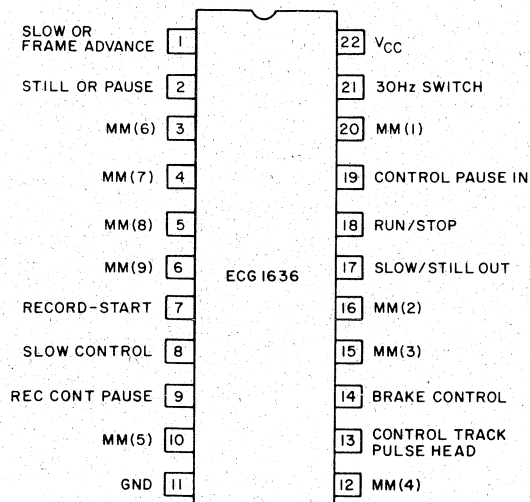
ECG1635
Spkr Protector/Voltage/Temp/Overload

Linear IC and Module Circuits (cont'd)

ECG1636

VCR Phase/Still Control

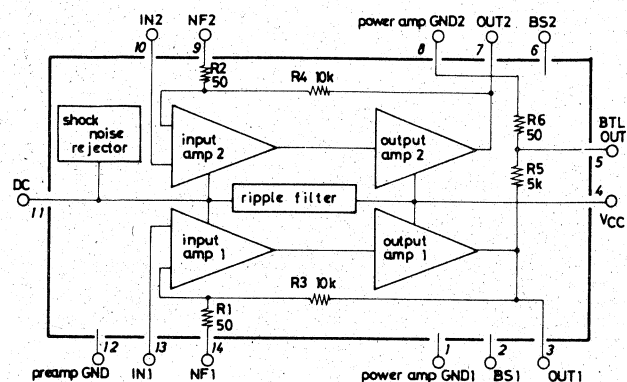
22-Pin DIP See Fig. L121



ECG1637

Dual 4.2 W (Typ)/Ch AF PO

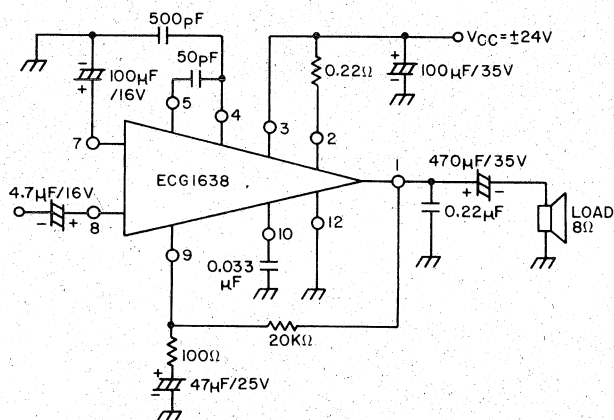
14-Pin SIP See Fig. L58



ECG1638

6.5 W (Typ) AF PO, $V_{CC} = 12V$, $R_L = 8\Omega$

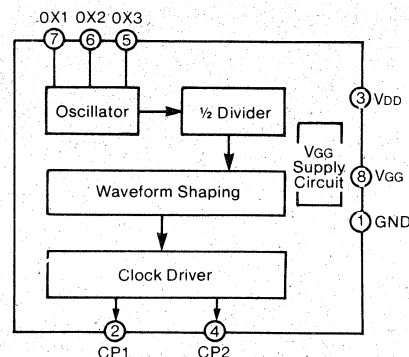
12-Pin SIP See Fig. L57



ECG1639

Clock Generator/Driver for BBD's

8-Pin DIP See Fig. L97

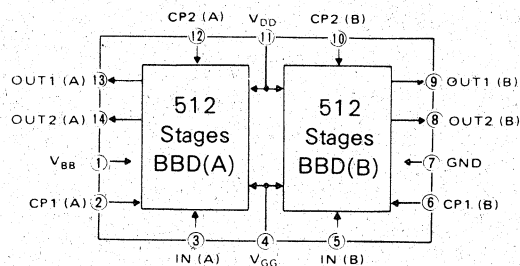


BBD (Bucket Brigade)

ECG1640

Audio Signal Delay, Dual 512 Stage BBD, .32 to 25.6 msec/Stage

14-Pin DIP See Fig. L104

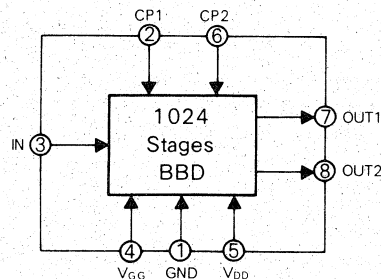


BBD (Bucket Brigade)

ECG1641

Audio Signal Delay, 1024 Stage Low Noise BBD, 5.12 to 51.2 msec Delay

8-Pin DIP See Fig. L97



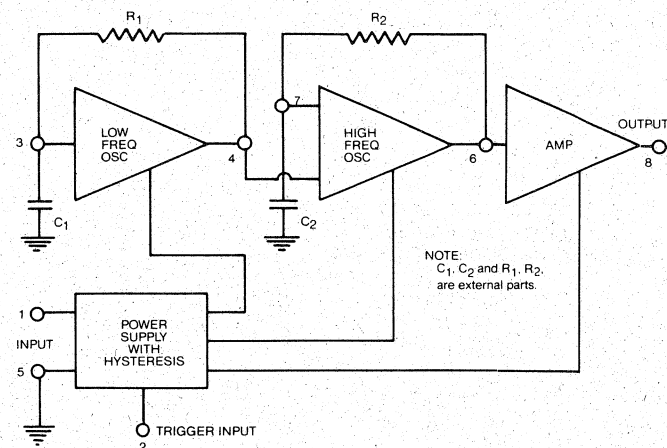
BBD (Bucket Brigade)

Linear IC and Module Circuits (cont'd)

ECG1648

8-Pin DIP See Fig. L97

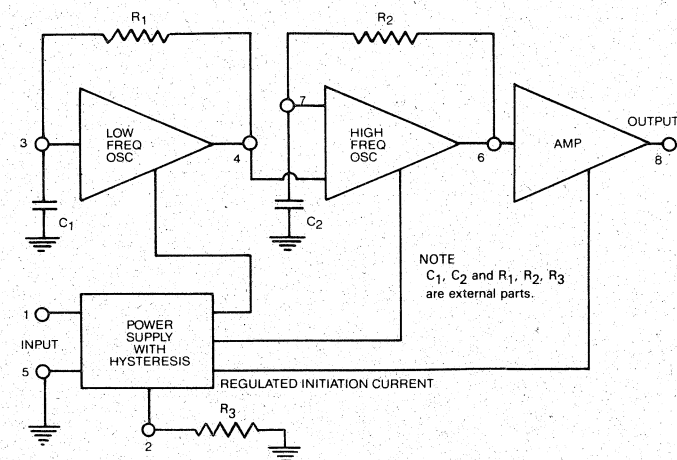
Telephone Tone Ringer, Programmable Threshold, with Logic Inhibit



ECG1649

8-Pin DIP See Fig. L97

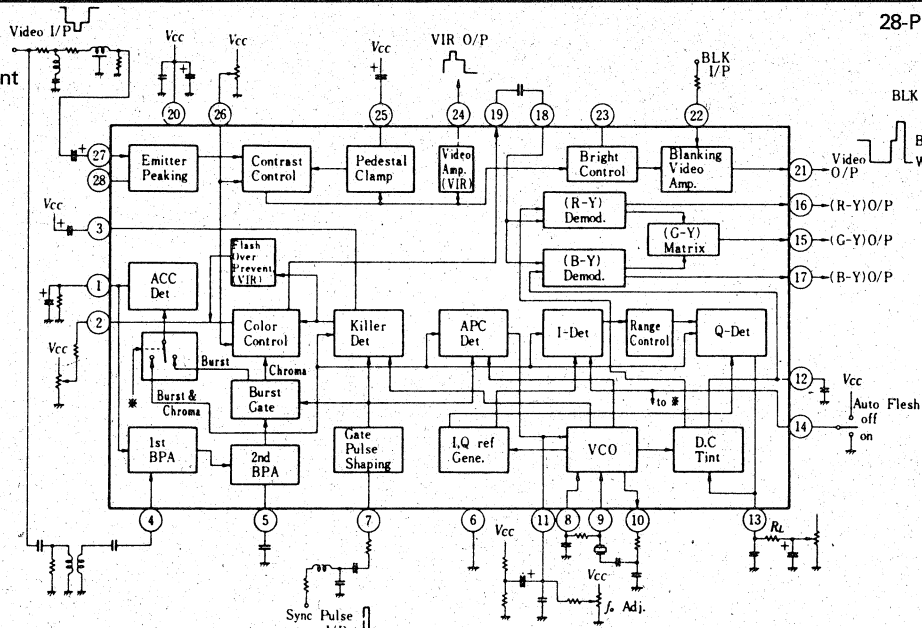
Telephone Tone Ringer - Current Initiated



ECG1650

TV Video, Chroma, Amp, Demod, Color Osc, Auto Tint

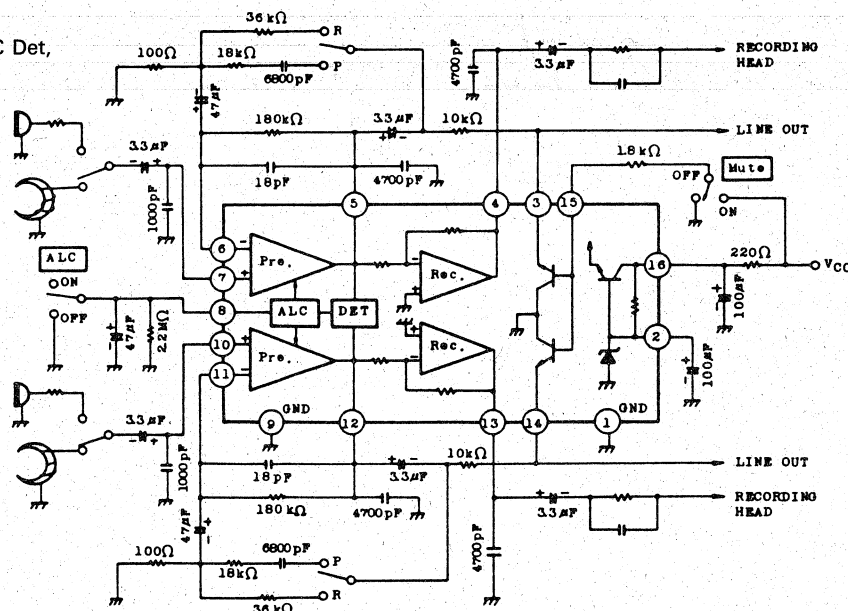
28-Pin DIP See Fig. L124



ECG1651

Recorder Dual Preamp w/ALC Det, Muting, $V_{CC}=9V$ Typ

16-Pin DIP See Fig. L111

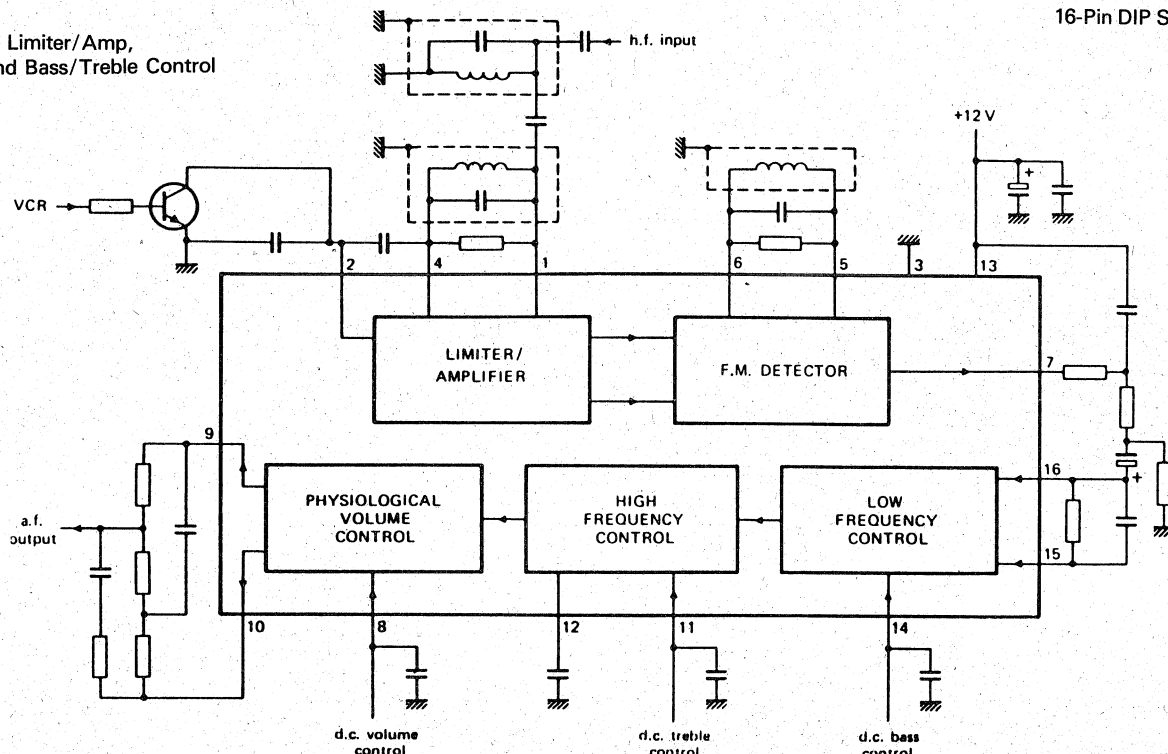


Linear IC and Module Circuits (cont'd)

ECG1652

TV Audio Limiter/Amp,
Demod and Bass/Treble Control

16-Pin DIP See Fig. L111



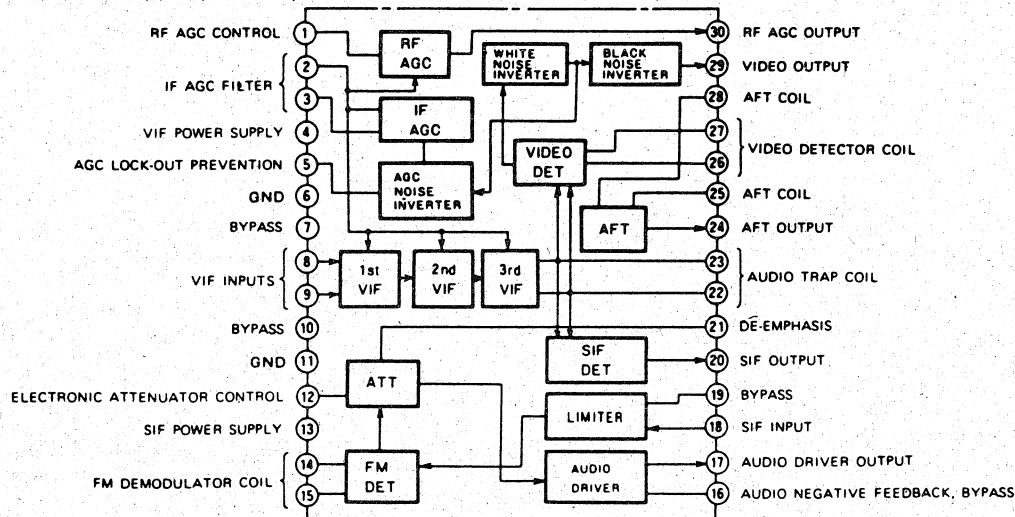
ECG1653

TV VIF/SIF Amp Det, Fwd AGC, AFT, Elect Att, and Audio Driver

30-Pin DIP See Fig. L124B

ECG1656

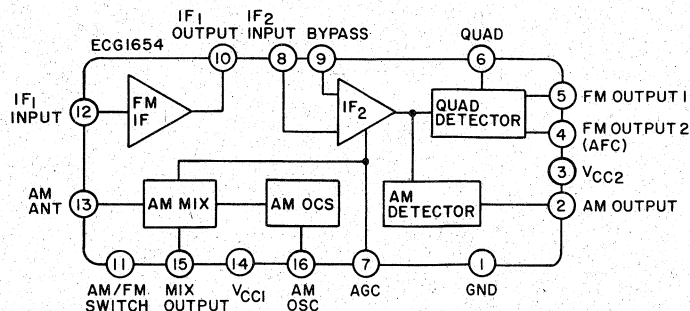
TV VIF/SIF Amp Det, Rev AGC, AFT, Elec Att, and Audio Driver



ECG1654

AM/FM IF Amp, AM-Mixer, Osc, Det and FM-Quad Det

16-Pin DIP See Fig. L111

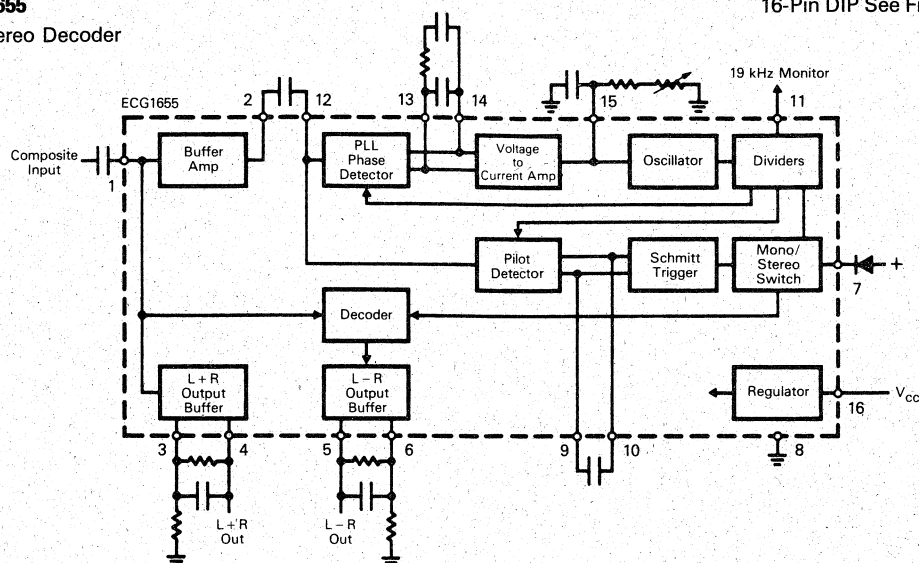


TV Stereo Decoder

16-Pin DIP See Fig. L111

ECG1656

See ECG1653
Page 1-274



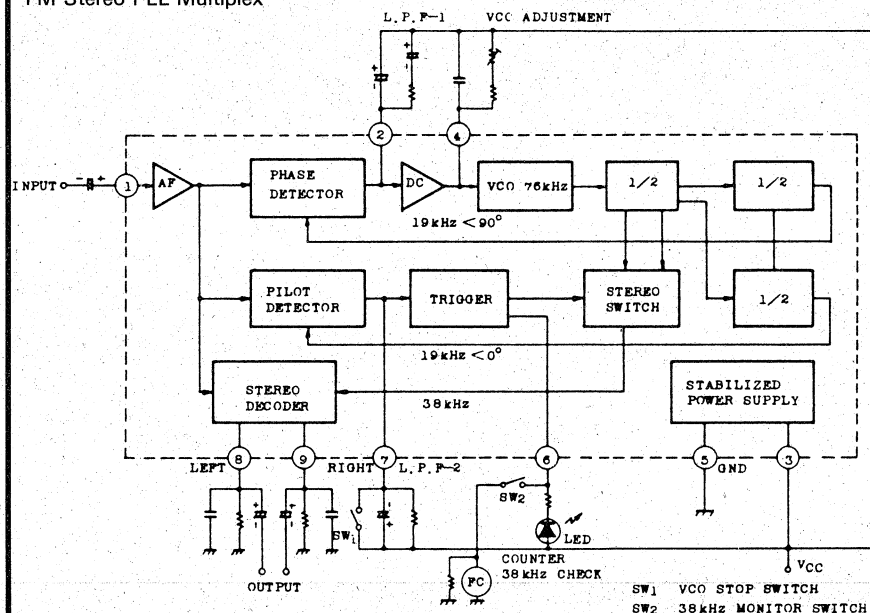
ECG1657

FM Stereo PLL Multiplex

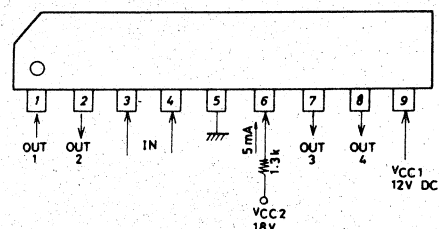
9-Pin SIP See Fig. L39

ECG1658

9-Pin SIP See Fig. L36



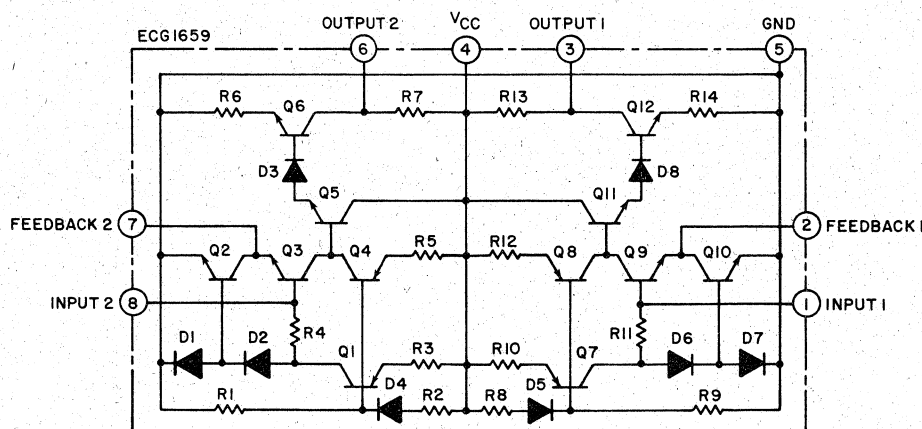
TV Tuner Band Selector



ECG1659

Dual AF Preamp

8-Pin SIP See Fig. L35

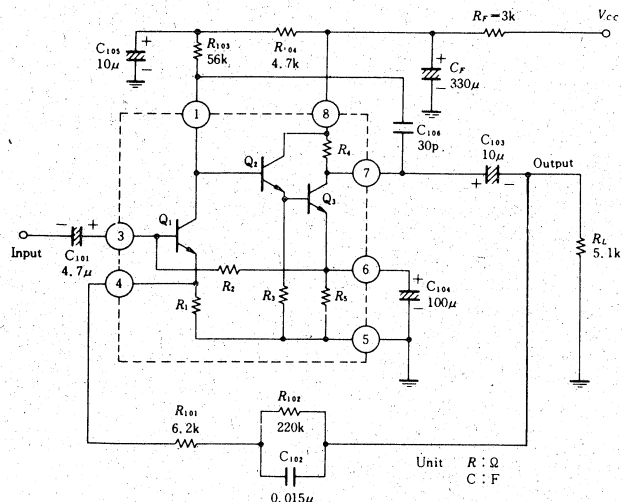


Linear IC and Module Circuits (cont'd)

ECG1660

8-Pin SIP See Fig. L34

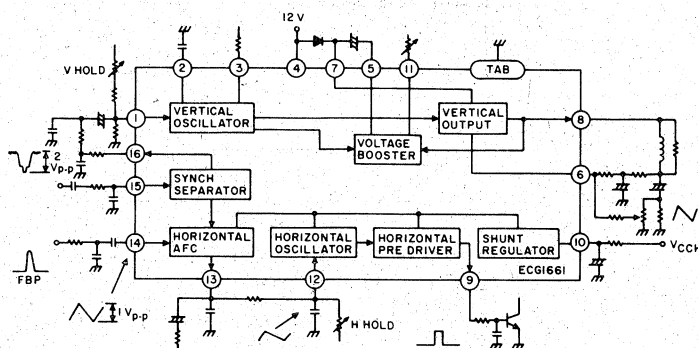
IC-Audio Preamp, $V_{CC}=9\text{ V}$, $V_G=53\text{ dB Typ}$



ECG1661

16-Pin DIP-ET See Fig. L150A

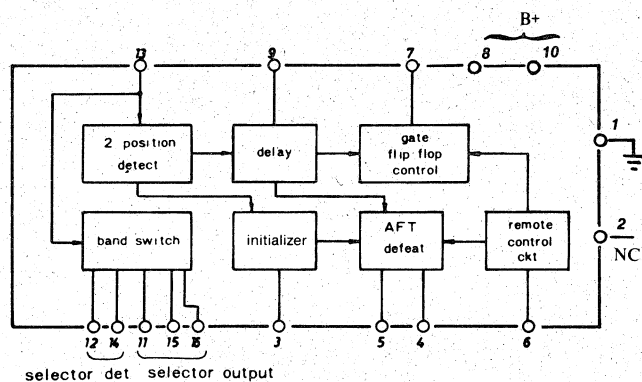
IC-TV Horiz, Vert Processor, Vert Out, $V_{CC}=12\text{ V Typ}$



ECG1662

16-Pin DIP See Fig. L111

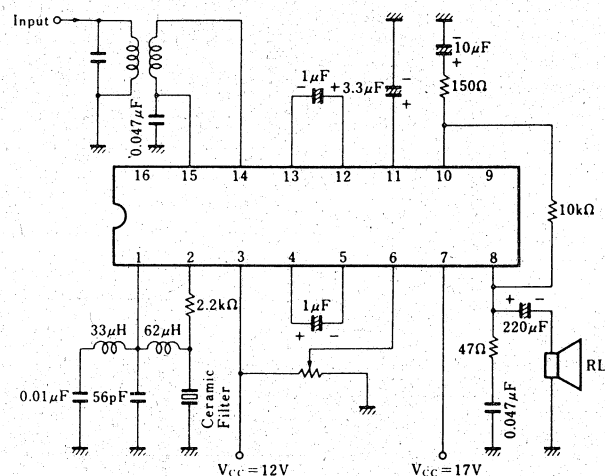
IC-TV/FM Channel Selector Controller, $B+ = 18\text{ V Typ}$



ECG1663

16-Pin DIP-ET See Fig. L151

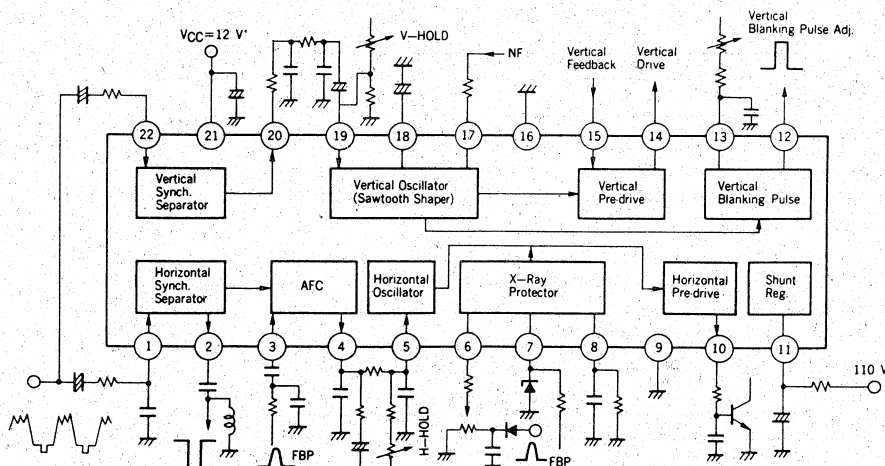
IC-TV SIF Amp, Det, Vol Control, AF PO, $V_{CC1}=12\text{ V Typ}$, $V_{CC2}=17\text{ V Typ}$



ECG1664

22-Pin DIP See Fig. L121

IC-TV Sync Horiz, Vert Osc, Driver, AFC, X-Ray Protect, $V_{CC}=12\text{ V Typ}$

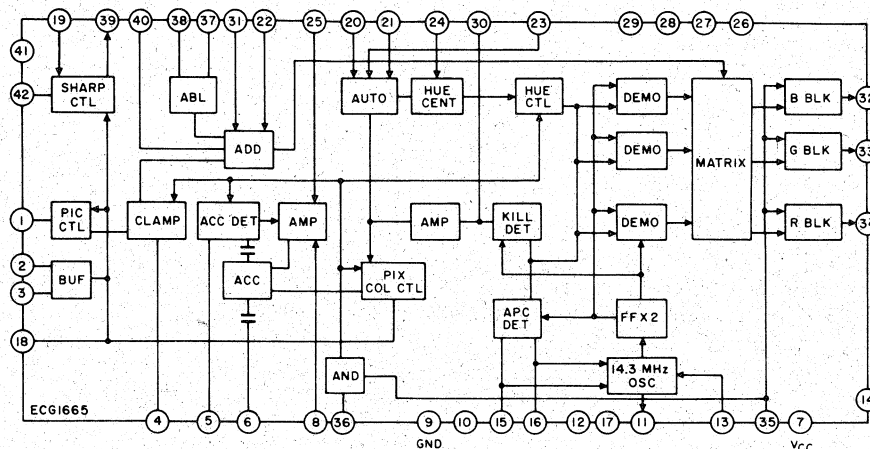


Linear IC and Module Circuits (cont'd)

ECG1665

42-Pin DIP See Fig. L126

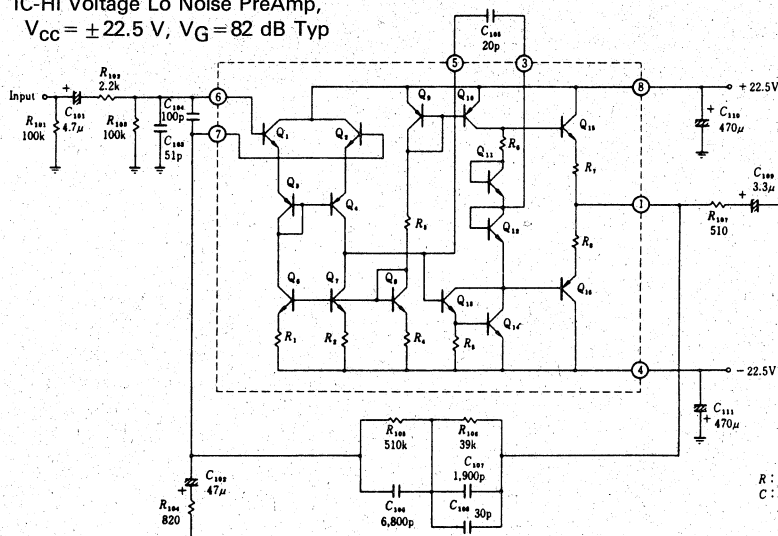
IC-TV Chroma, Vid Amp, Demod, RGB, APC, ACC, $V_{CC} = 12\text{ V Typ}$



ECG1666

8-Pin SIP See Fig. L34

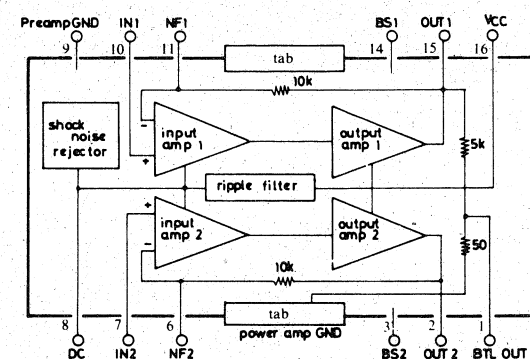
IC-Hi Voltage Lo Noise PreAmp,
 $V_{CC} = \pm 22.5\text{ V}$, $V_G = 82\text{ dB Typ}$



ECG1667

16-Pin DIP-W See Fig. L136

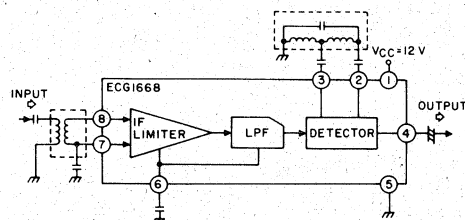
IC-Dual AF PO, 2.3 W, Bridge (BTL) 4.7 W, $V_{CC} = 9\text{ V}$,
 $R_L = 8\ \Omega$



ECG1668

8-Pin SIP See Fig. L35

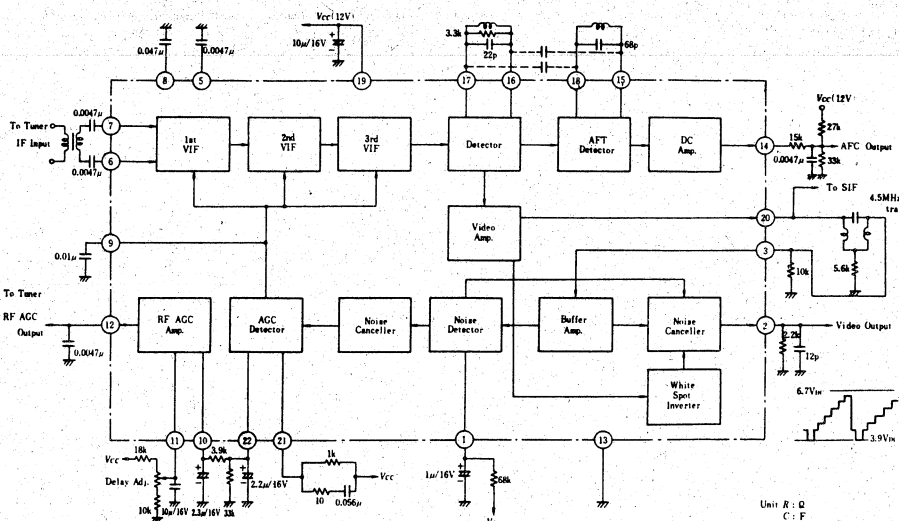
IC-TV Sound IF, Detector, $V_{CC} = 12\text{ V Typ}$



ECG1669

22-Pin DIP See Fig. L121

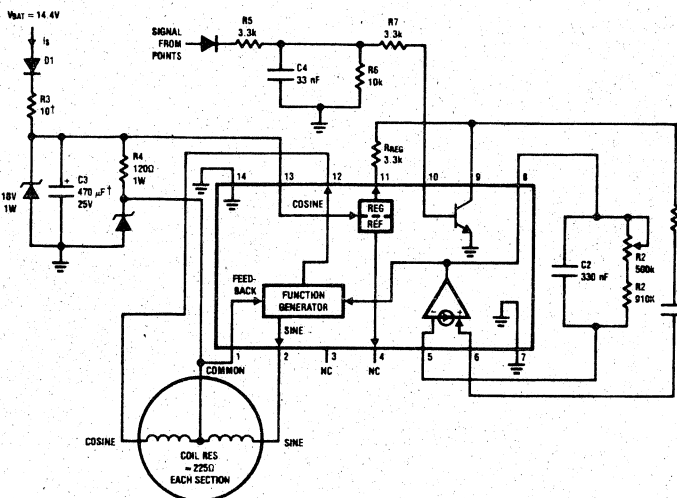
IC-TV VIF, Det, Vid Amp, AFT, Fwd AGC, $V_{CC} = 12\text{ V Typ}$



Linear IC and Module Circuits (cont'd)

ECG1670

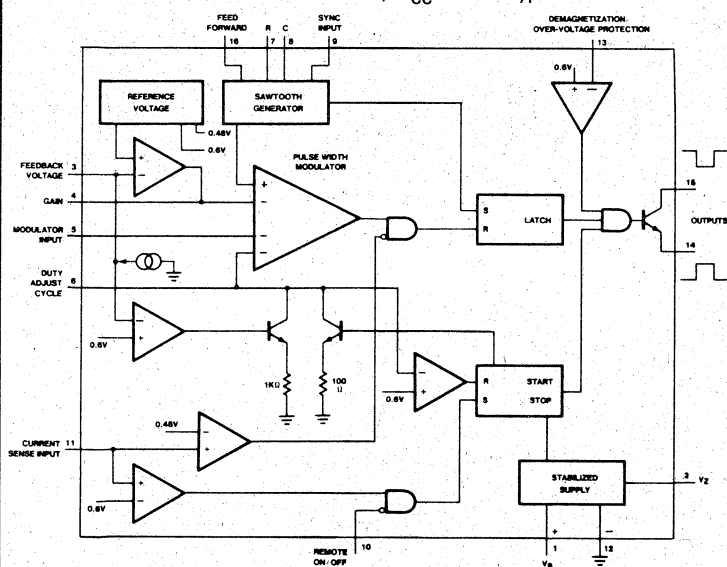
14-Pin DIP See Fig. L104

IC-Tachometer and Air Core Meter Driver, $V_{CC} = 12\text{ V Typ}$ 

ECG1672

16-Pin DIP See Fig. 1111

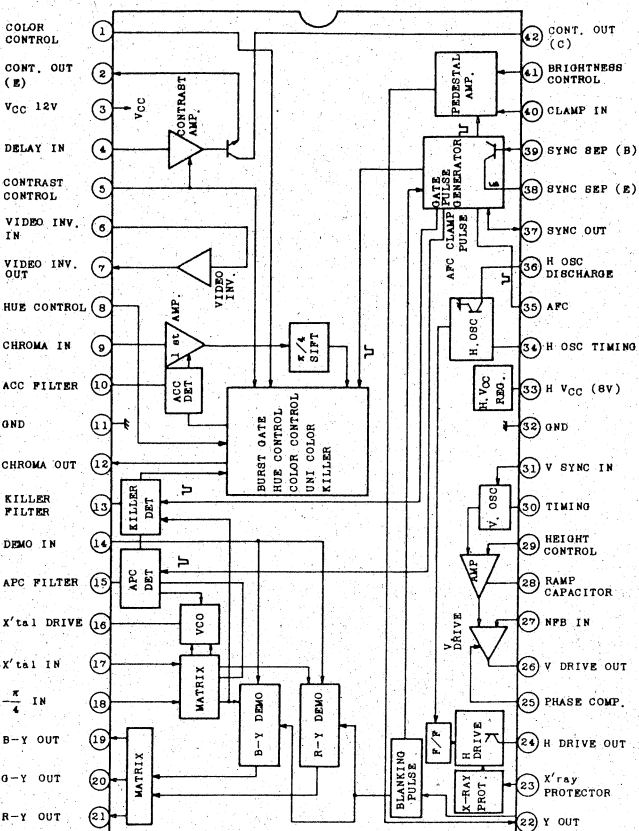
IC-Pulse Width Modulator Control Ckt, $V_{CC} = 12 \text{ V Typ}$



ECG1671

42-Pin DIP See Fig. L126

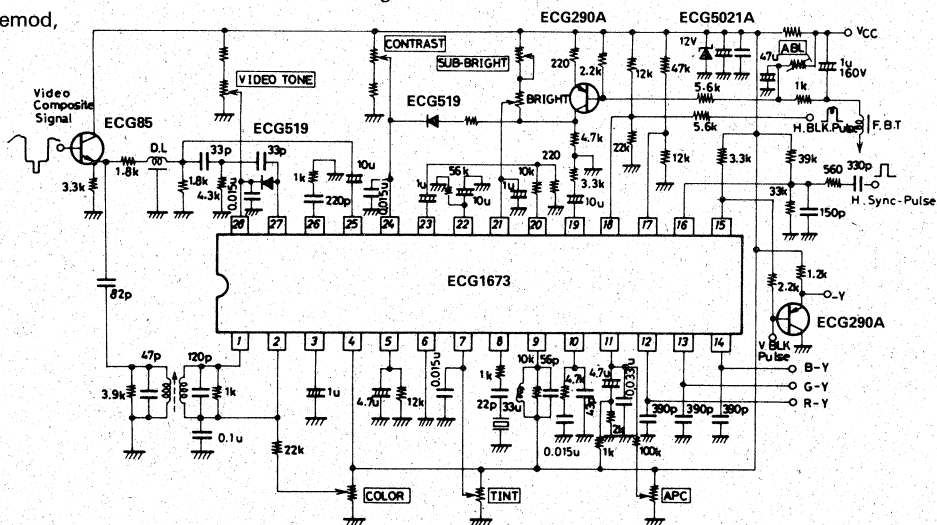
IC-Video-Chroma Demod, Horiz, Vert, Osc, Dr, HV Protect,
V_{CC} = 12 V Typ



ECG1673

28-Pin DIP See Fig. L124

IC-TV Chroma, Vid Amp, Demod,
V_{CC} = 12 V Typ





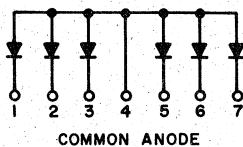
Linear IC and Module Circuits (cont'd)

ECG1680

7-Pin SIP See Fig. L25

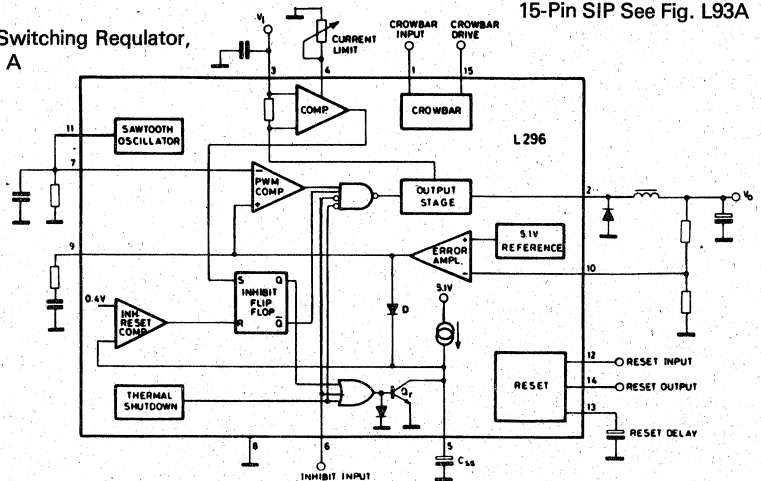
Diode Array, Common Anode

$V_R = 50 \text{ V}$
 $I_O = 100 \text{ mA}$
 $t_{rr} = 4 \text{ nS}$



ECG1681

High Current Switching Regulator,
 5.1-40 V at 4 A

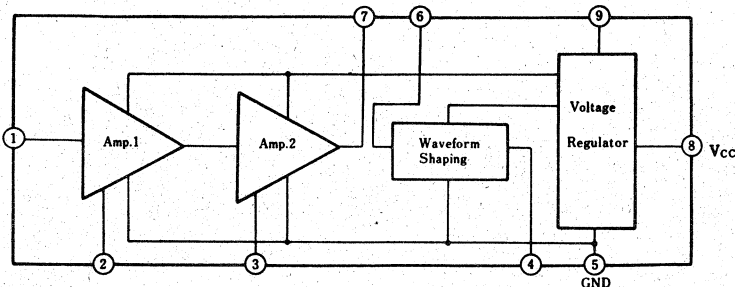


15-Pin SIP See Fig. L93A

ECG1682

9-Pin SIP See Fig. L41

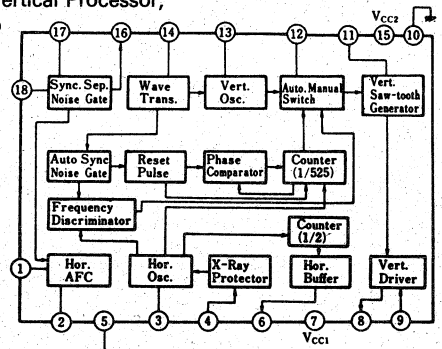
Preamp for IR Remote Control



ECG1683

18-Pin DIP See Fig. L115

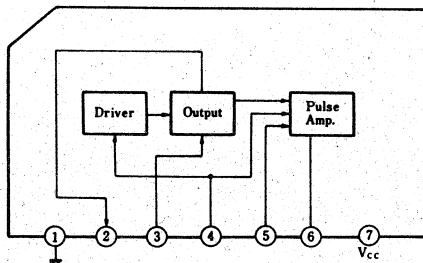
TV Horizontal/Vertical Processor,
 $V_{CC} = 12 \text{ V Typ}$



ECG1684

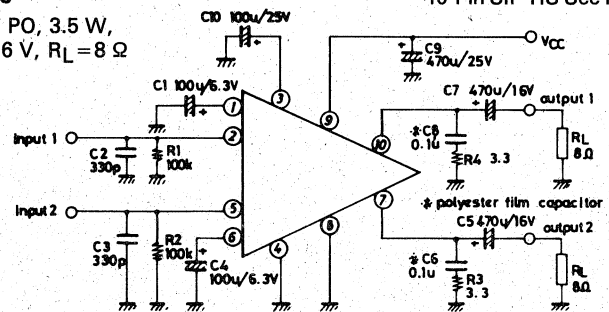
7-Pin SIP-HS See Fig. L76A

TV Vertical Deflection, $V_{CC} = 24 \text{ V Typ}$



ECG1685

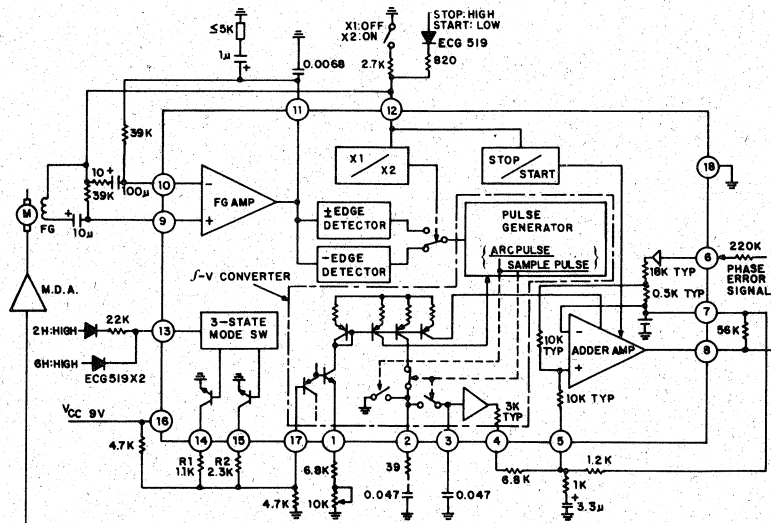
Dual AF PO, 3.5 W,
 $V_{CC} = 16 \text{ V}$, $R_L = 8 \Omega$



10-Pin SIP-HS See Fig. L88

ECG1686

VCR Capstan Speed Controller,
 $V_{CC} = 9 \text{ V Typ}$

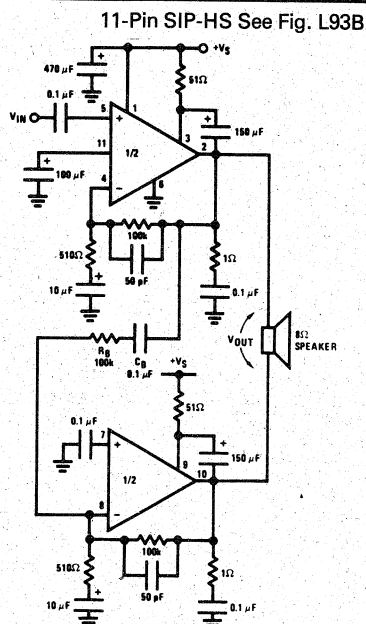


16+2-Pin DIP-ET See Fig. L114

Linear IC and Module Circuits (cont'd)

ECG1687

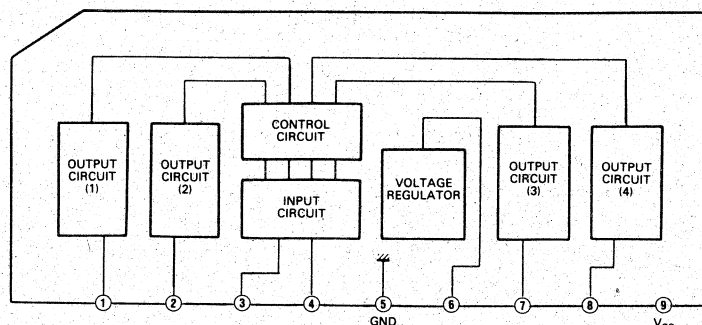
Dual AF PO, 2.5 W,
Bridge (BTL), 7.8 W,
 $V_{CC}=9\text{ V Typ}$,
 $R_L=4\ \Omega$



ECG1688

TV Tuner Band Switch - 4 Circuit, $V_{CC}=2\text{ V Typ}$

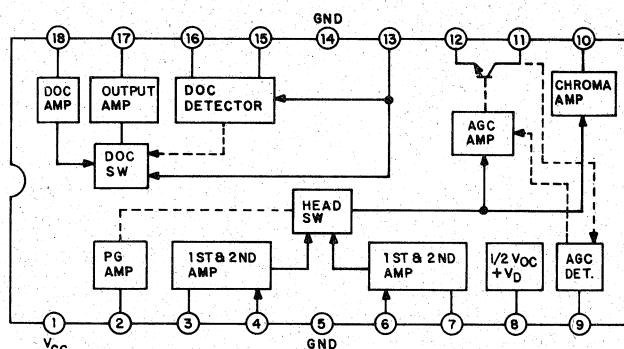
9-Pin SIP See Fig. L41



ECG1689

VCR Head Amp/Limiter/D.O.C./Switching, $V_{CC}=5\text{ V Typ}$

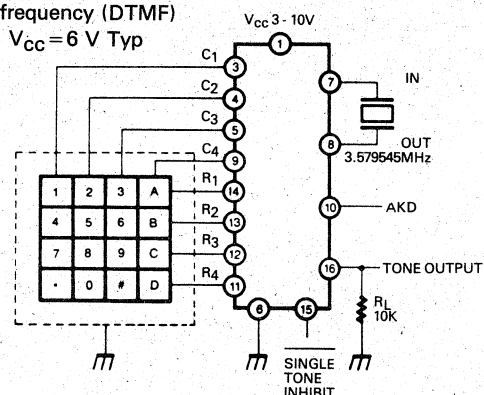
18-Pin DIP See Fig. L115



ECG1690

Dual Tone Multifrequency (DTMF)
Dialer (CMOS), $V_{CC}=6\text{ V Typ}$

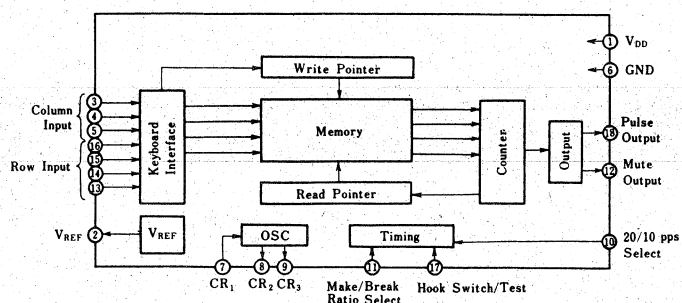
16-Pin DIP See Fig. L111



ECG1691

Pulse Dialer with Redial (CMOS), $V_{CC}=4\text{ V Typ}$

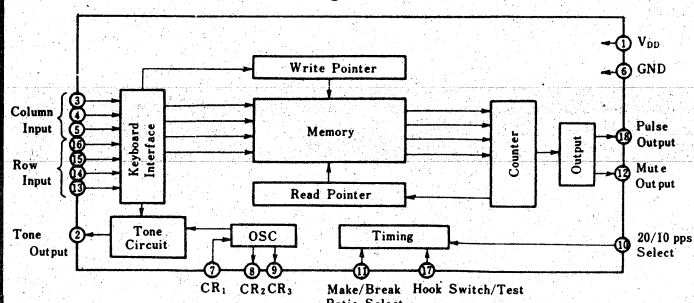
18-Pin DIP See Fig. L115



ECG1692

Pulse Dialer with Redial/Tone Signal Out (CMOS)

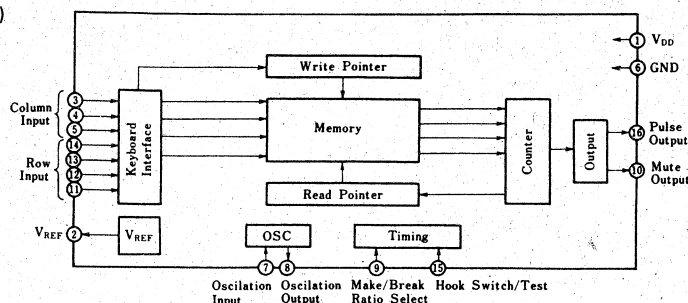
18-Pin DIP See Fig. L115



ECG1693

Push Button Pulse Dialer with Redial (CMOS)

16-Pin DIP See Fig. L111

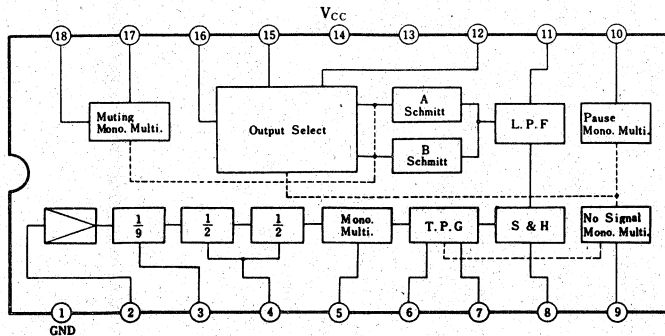


Linear IC and Module Circuits (cont'd)

ECG1700

18-Pin DIP See Fig. L115

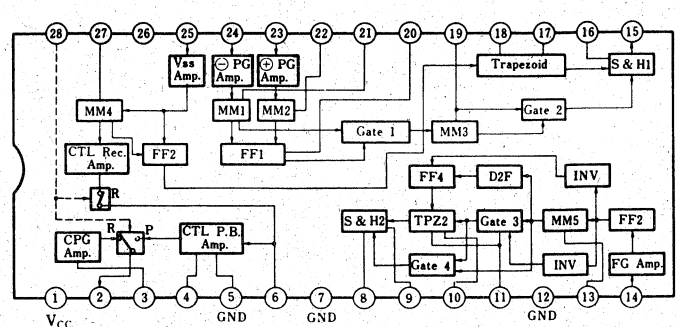
VCR Frequency Divider and Speed Select, 2/4/6 Hr., $V_{CC} = 12\text{ V}$ Typ



ECG1701

28-Pin DIP See Fig. L124

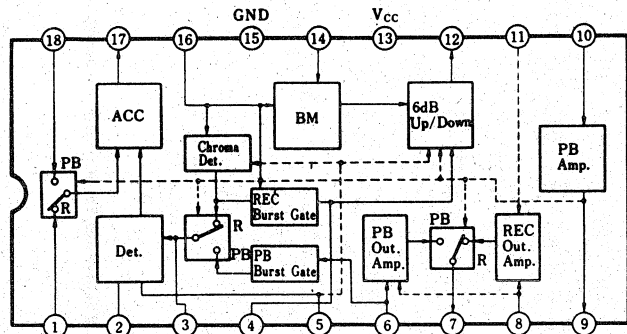
VCR Drum Servo Control for Speed/Phase, $V_{CC} = 12\text{ V}$ Typ



ECG1702

18-Pin DIP See Fig. L115

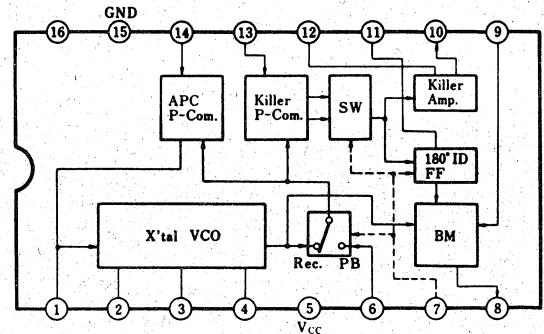
VCR Color Signal Processor, $V_{CC} = 12\text{ V}$ Typ



ECG1703

16-Pin DIP See Fig. L112

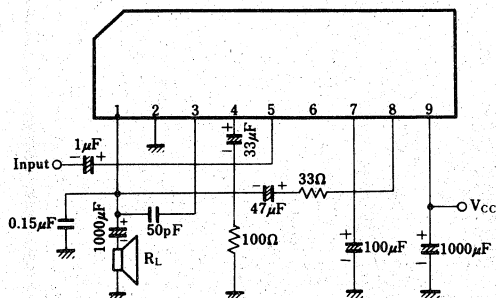
VCR Color Signal Processor, $V_{CC} = 12\text{ V}$ Typ



ECG1704

9-Pin SIP See Fig. L41

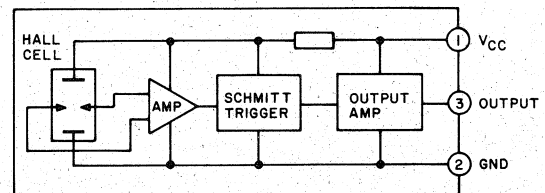
AF Power Amp, 1.2 W, $V_{CC} = 9\text{ V}$, $R_L = 8\ \Omega$



ECG1705

3-Pin SIP See Fig. L17B

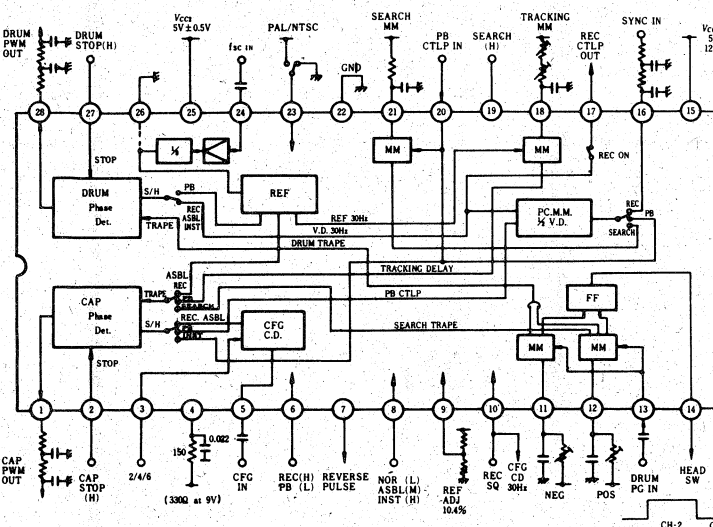
Hall Switch - VCR End of Tape Sensor



ECG1706

28-Pin DIP See Fig. L124

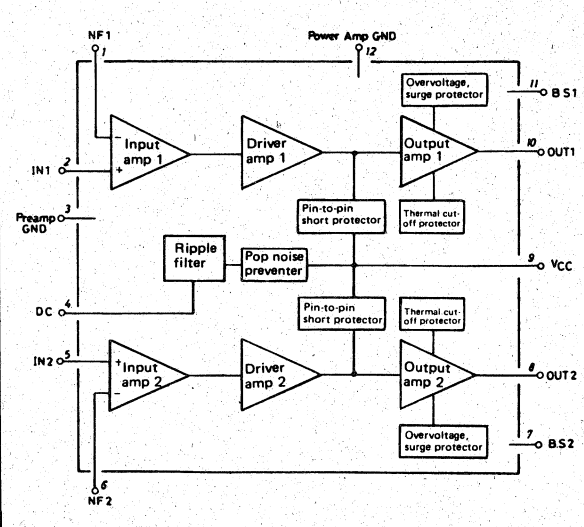
VCR Servo Control for Drum/Capstan, $V_{CC} = 5\text{ V}$, 12 V Typ



ECG1707

12-Pin SIP See Fig. L57A

Dual AF PO, 5.5 W, $V_{CC} = 13.2\text{ V}$, $R_L = 4\ \Omega$

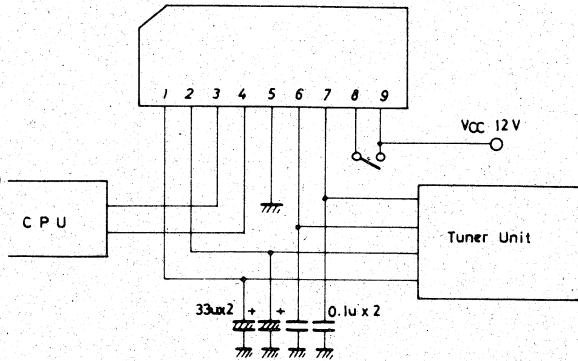


Linear IC and Module Circuits (cont'd)

ECG1708

TV Tuner Band Selector, $V_{CC} = 12 \text{ V Typ}$

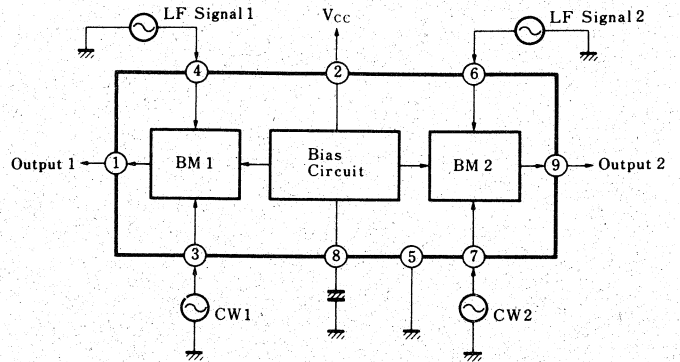
9-Pin SIP See Fig. L36



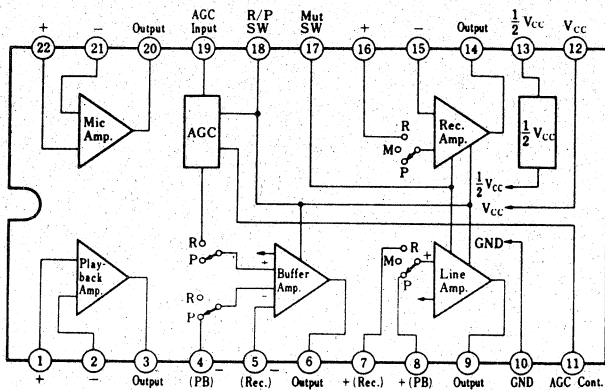
ECG1709

VCR Dual Balanced Modulator, $V_{CC}=9\text{ V Typ}$

9-Pin SIP See Fig. L41.

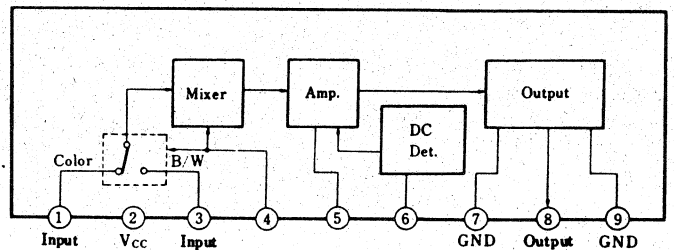
**ECG1710**VCR Record/Playback Circuit, $V_{CC}=9\text{ V Typ}$

22-Pin DIP See Fig. L121

**ECG1711**

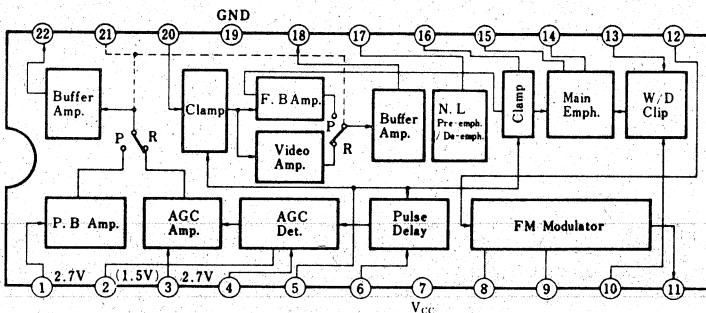
VCR Recording Amp Circuit, $V_{CC}=9\text{ V Typ}$

9-Pin SIP See Fig. L41

**ECG1712**

VCR Video Processor for Recording, $V_{CC}=5\text{ V}$

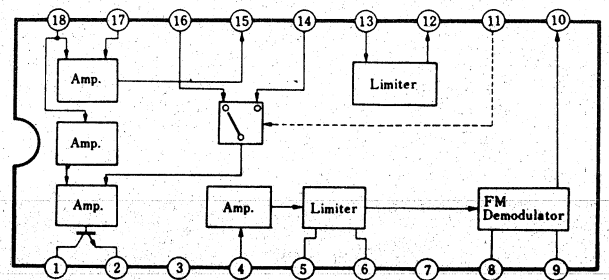
22-Pin DIP See Fig. L121



ECG1713

VCR Line Noise Canceling Circuit, $V_{CC}=5\text{ V Typ}$

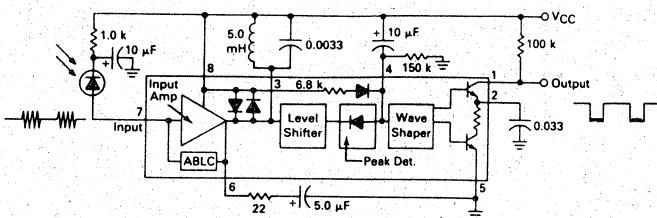
18-Pin DIP See Fig. L115



ECG1714M

TV Remote Control Signal Amp

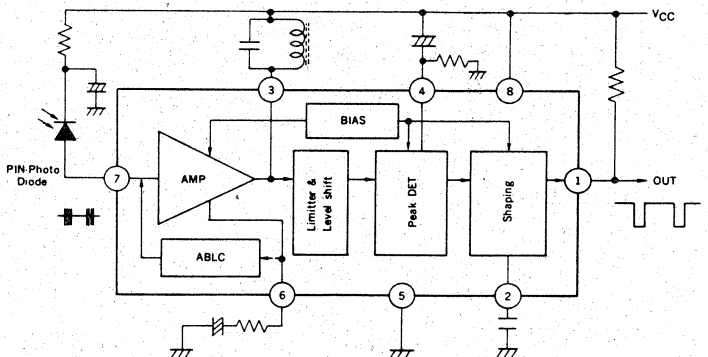
8-Pin DIP See Fig. L98



ECG1714S

TV Remote Control Signal Amp

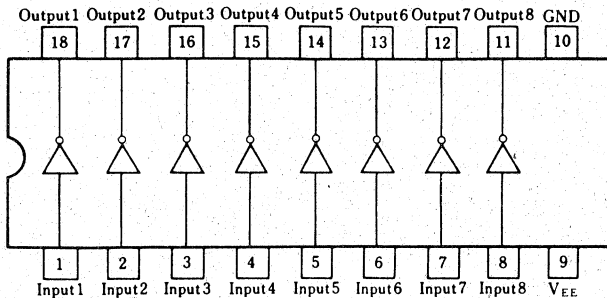
8-Pin SIP See Fig. L35B



Linear IC and Module Circuits (cont'd)

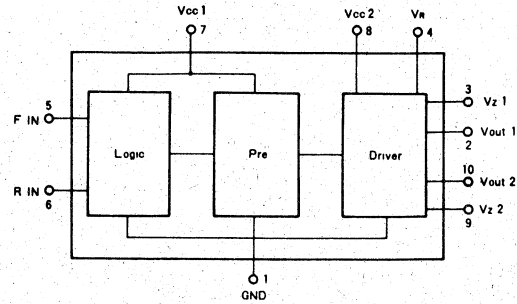
ECG1715 18-Pin DIP See Fig. L115

Fluorescent Display Driver - 8 Circuits, $V_{EE} = -50 \text{ V Typ}$



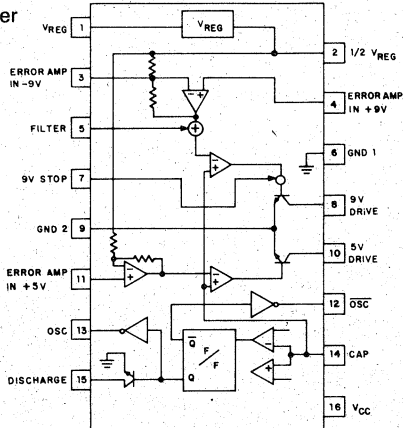
ECG1716 10-Pin SIP-HS See Fig. L87

VCR Motor Driver with Braking, $V_{CC} = 12 \text{ V}$



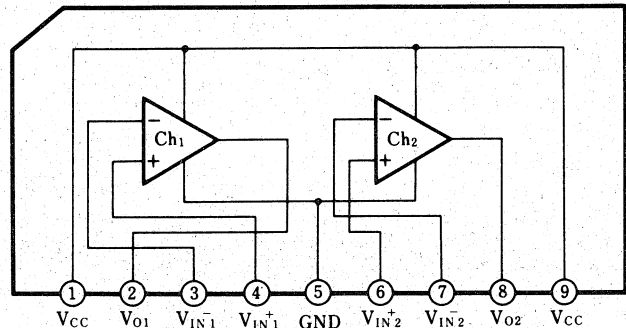
ECG1717 16-Pin ZIL See Fig. L47A

VCR Dual Switching Power Supply, 5 V, 9 V



ECG1718 9-Pin SIP See Fig. L39

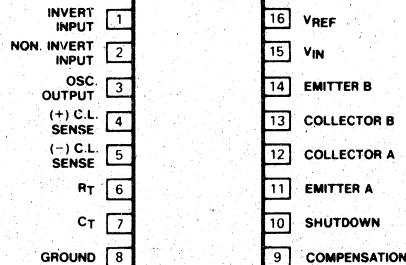
Dual Comparator/VCR, Single/Dual Supply



ECG1719 See ECG1546 Page 1-254

ECG1720 16-Pin DIP See Fig. L112

Pulse Width Modulator/Dual Switching Reg. Outputs

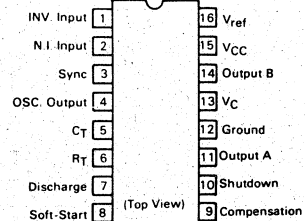


ECG1721 16-Pin DIP See Fig. L122

Pulse Width Modulator/Dual NOR Sw. Reg. Outputs/ + Output Pulse

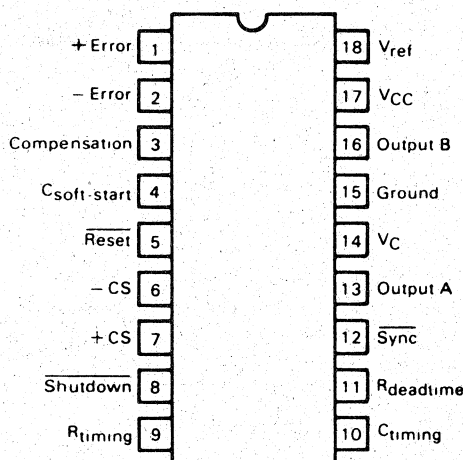
ECG1723

Pulse Width Modulator/Dual OR Sw. Reg. Outputs/ - Output Pulse



ECG1722 18-Pin DIP See Fig. L115

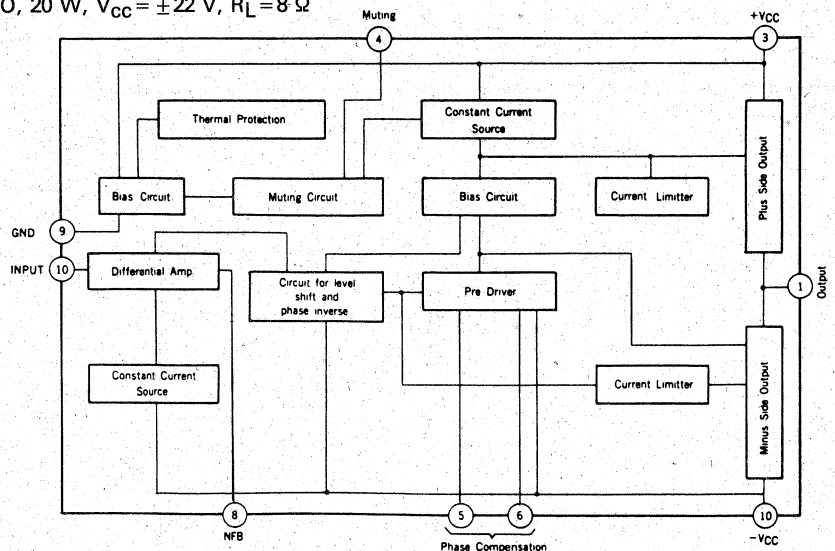
Pulse Width Modulator/Dual Totem Pole Outputs



ECG1724

AF PO, 20 W, $V_{CC} = \pm 22 \text{ V}$, $R_L = 8 \Omega$

10-Pin SIP See Fig. L52A

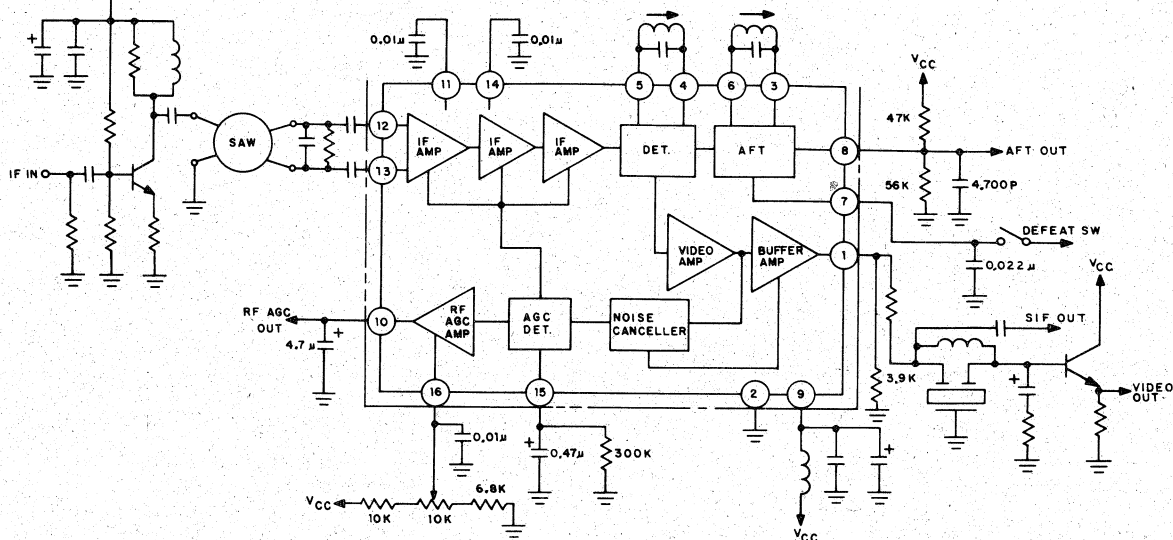


Linear IC and Module Circuits (cont'd)

ECG1725

TV Video/IF Amp, DET, AFT,
AGC, $V_{CC}=12\text{ V Typ}$

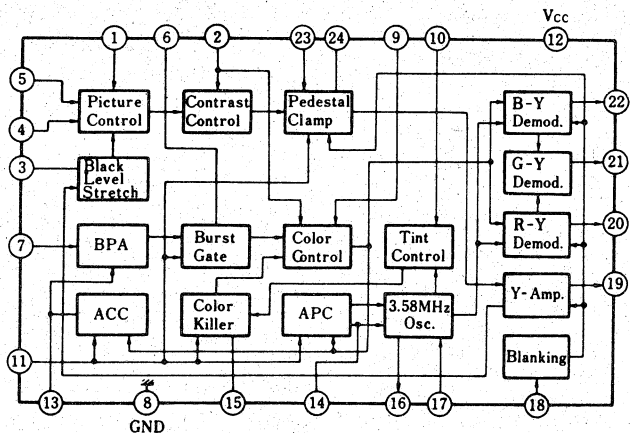
16-Pin DIP See Fig. L111



ECG1726

24-Pin DIP See Fig. L122

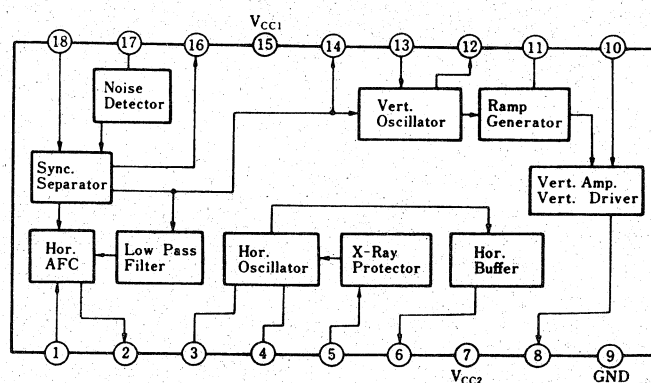
TV Chroma and Vid Processor/Demod, $V_{CC}=12\text{ V Typ}$



ECG1727

18-Pin DIP See Fig. L115

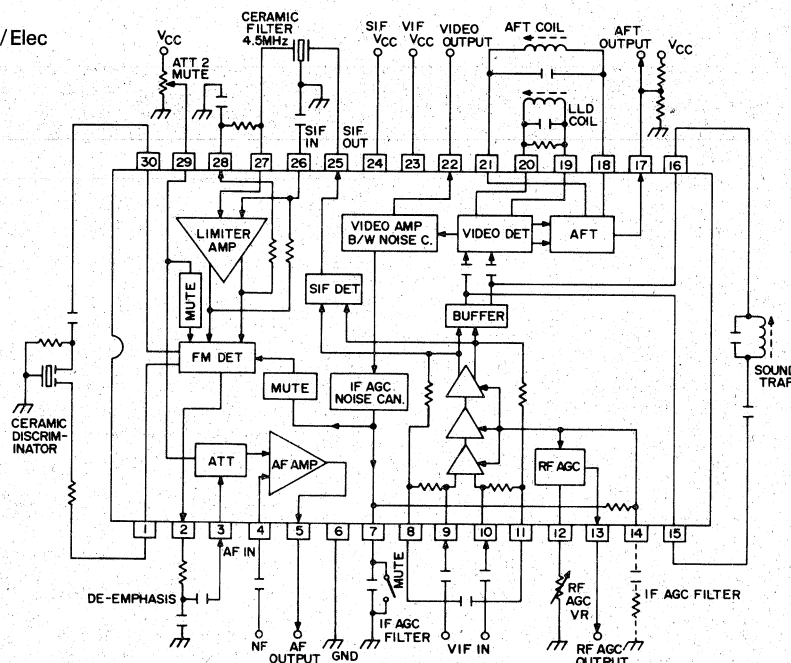
TV Signal Processor with V/H Osc/AFC Sync Sep/X-Ray Protect,
 $V_{CC}=12\text{ V Typ}$



ECG1728

TV VIF/SIF Amp/DET/AGC/AFT/Elec
Att Audio Driver, $V_{CC}=12\text{ V Typ}$

30-Pin DIP See Fig. L124C

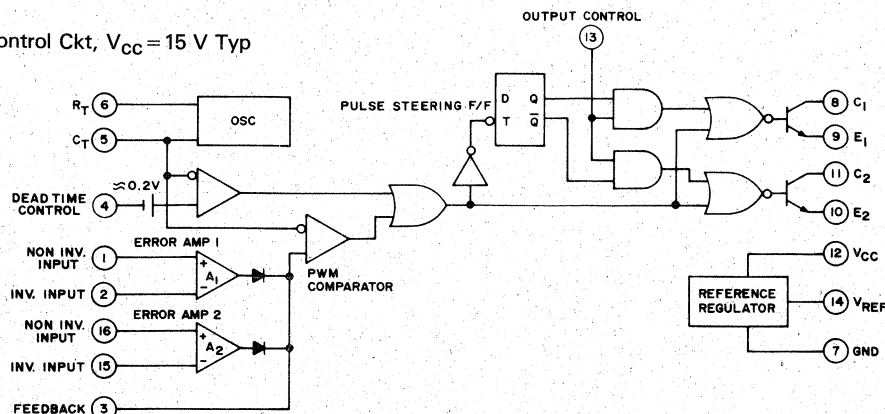


Linear IC and Module Circuits (cont'd)

ECG1729

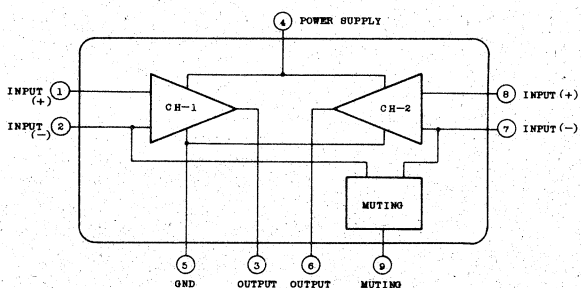
Pulse Width Modulator Control Ckt, $V_{CC} = 15\text{ V Typ}$

16-Pin DIP See Fig. L111

**ECG1730**

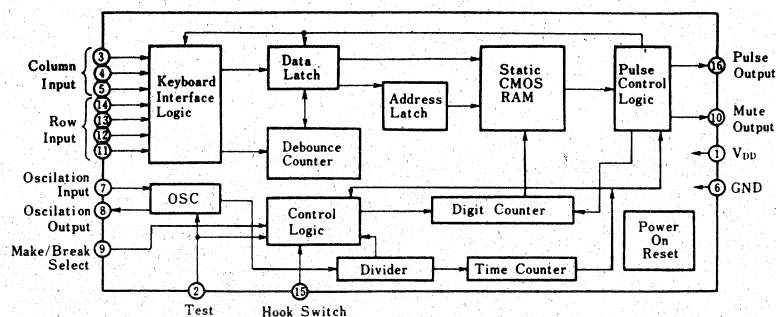
Dual Hi Gain Preamp

9-Pin SIP See Fig. L39

**ECG1731**

Ten Number Repertory Dialer (CMOS), $V_{DD}=5\text{ V Typ}$

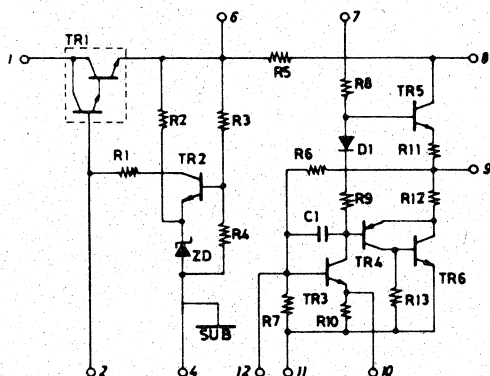
16-Pin DIP See Fig. L111



ECG1732

135 V Regulator plus AF PO 4 W for TV

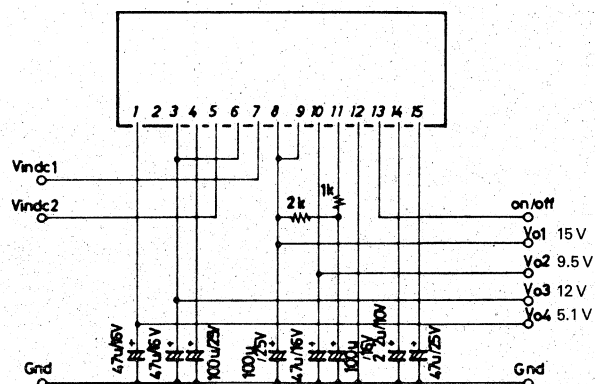
12-Pin SIP See Fig. L67A



ECG1733

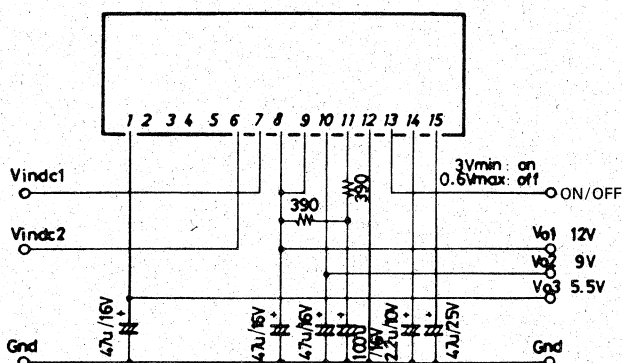
VCR Fixed VR: 15 V @ 1 A, 9.5 V @ 1 A, 12 V @ 1 A, 5.1 V @ 0.5 A

15-Pin SIP See Fig. L69A

**ECG1734**

VCR Fixed VR. 12 V @ 2 A, 9 V @ 1 A, 5.1 V @ 0.5 A

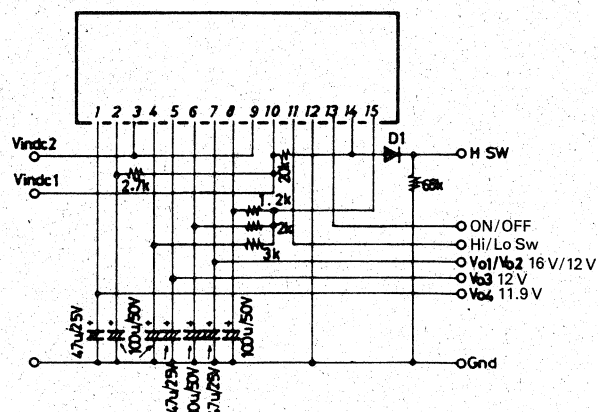
15-Pin SIP See Fig. L69A



ECG1735

VCR Fixed VR, 16 V @ 1 A, 12 V @ 1 A, 12 V @ 1.5 A, 11.9 V @ 1.5 A

15-Pin SIP See Fig. L69A

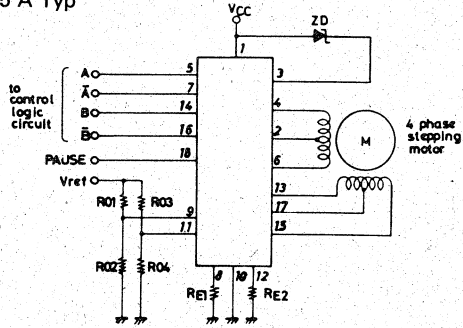


Linear IC and Module Circuits (cont'd)

ECG1736

18-Pin SIP See Fig. L75A

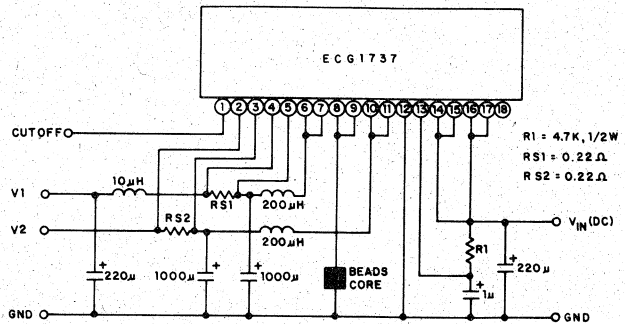
4-Phase Constant Current Step Motor Driver, $V_{CC}=24\text{ V}$,
 $I_L=1.5\text{ A Typ}$



ECG1737

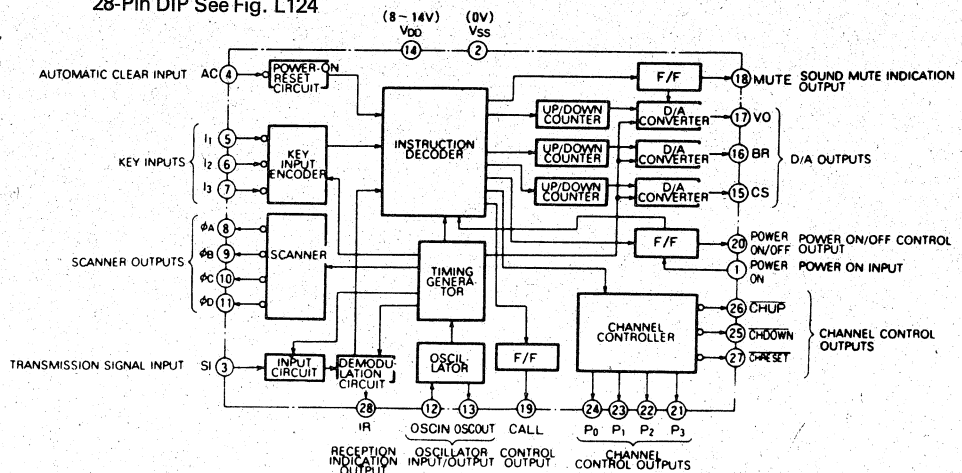
18-Pin DIP See Fig. L75B

Chopper Dual Power Supply, 5 V @ 3A, 24 V @ 3 A

**ECG1738**

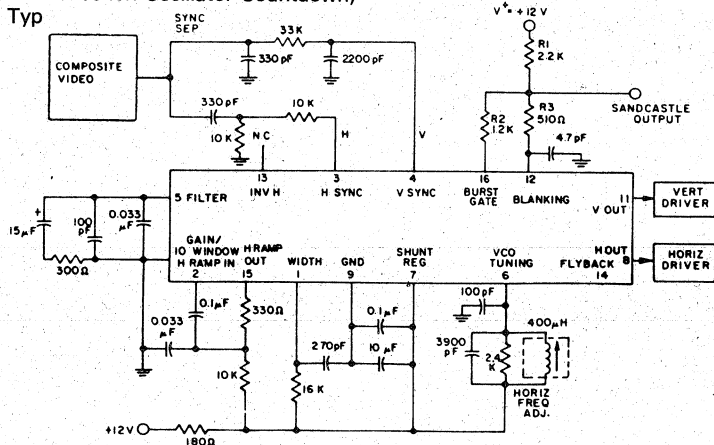
28-Pin DIP See Fig. L124

**TV/Stereo Remote Control Receiver,
V_{DD} = 12 V Typ**

**ECG1739**

16-Pin DIP See Fig. L111

TV Horiz/Vert Deflection Oscillator Countdown,
V_{CC}=8 V Typ



ECG1740

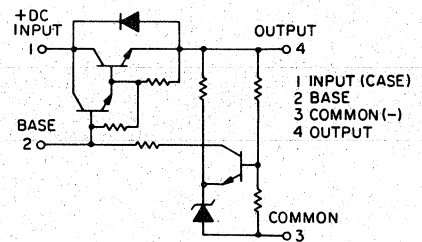
4-Pin SIP See Fig. L18B

TV Voltage Regulator, Output = 115 V, 1 A

ECG1741
Output = 125 V @ 1 A

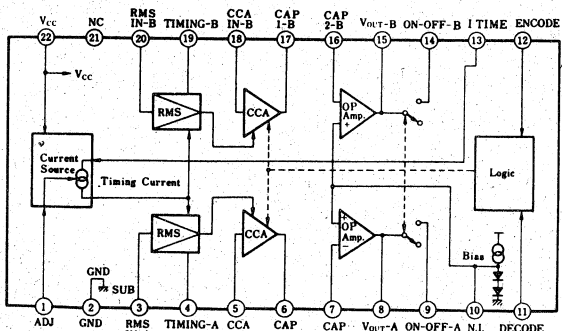
ECG1742
Output = 130 V @ 1 A

ECG1743
Output = 135 V @ 1 A

**ECG1744**

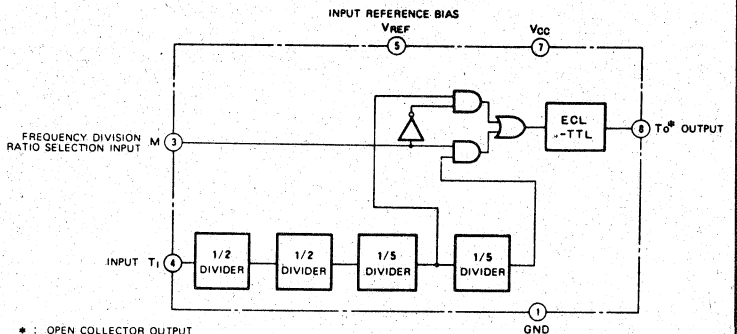
22-Pin DIP See Fig. L121

Dual dbx Noise Reduction, $V_{CC} = 1.8\text{ V}$ to 14 V



ECG1745

8-Pin SIP See Fig. L35

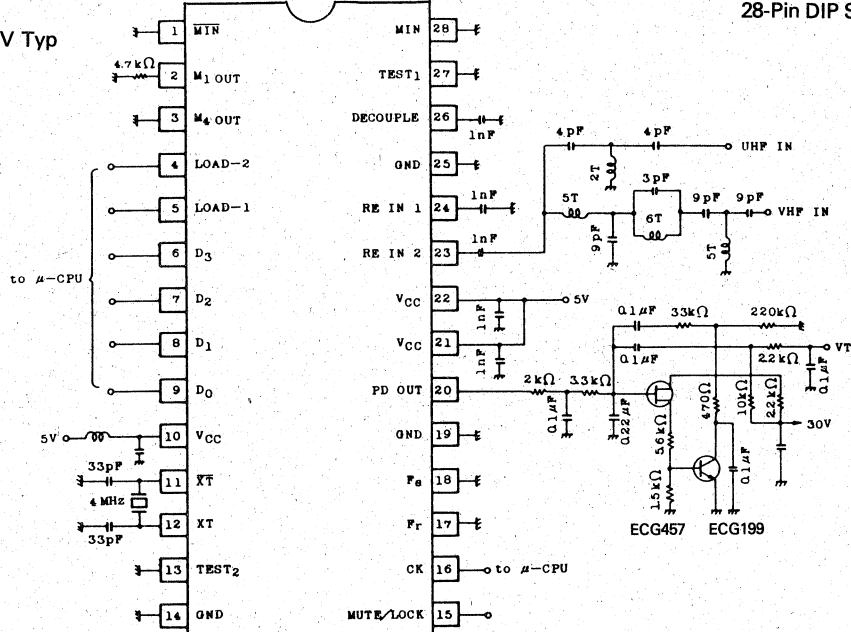
VCR Hi Speed Frequency Divider (1/20 to 1/100), $V_{CC}=5\text{ V Typ}$ 

Linear IC and Module Circuits (cont'd)

ECG1746

TV Tuner Frequency Synthesizer, $V_{CC}=5\text{ V}$ Typ

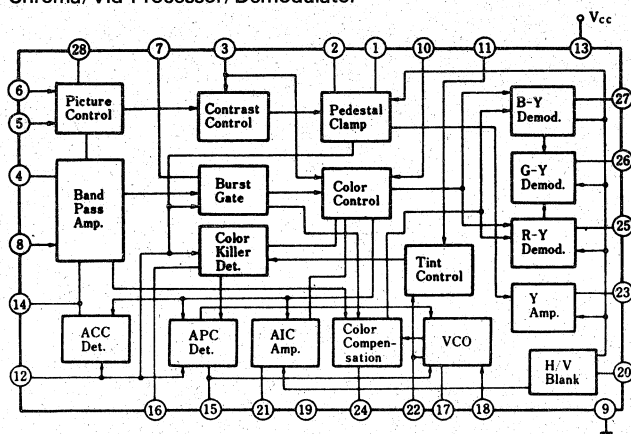
28-Pin DIP See Fig. L124



ECG1747

TV Chroma/Vid Processor/Demodulator

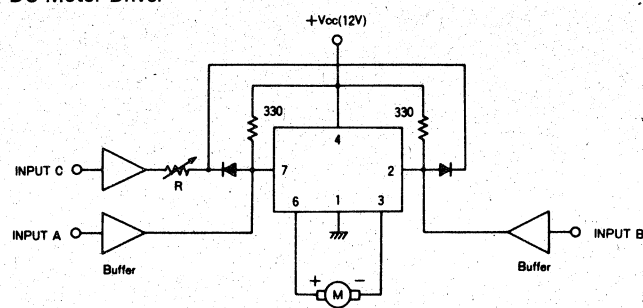
28-Pin DIP See Fig. L124



ECG1748

DC Motor Driver

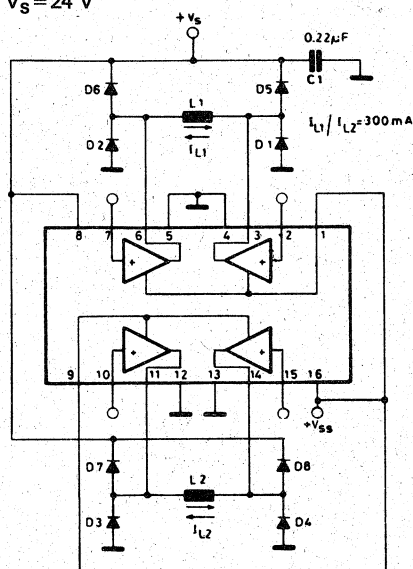
7-Pin SIP See Fig. L30A



ECG1749

Dual Bidirectional Motor Driver, $V_{SS}=5\text{ V}$, $V_S=24\text{ V}$

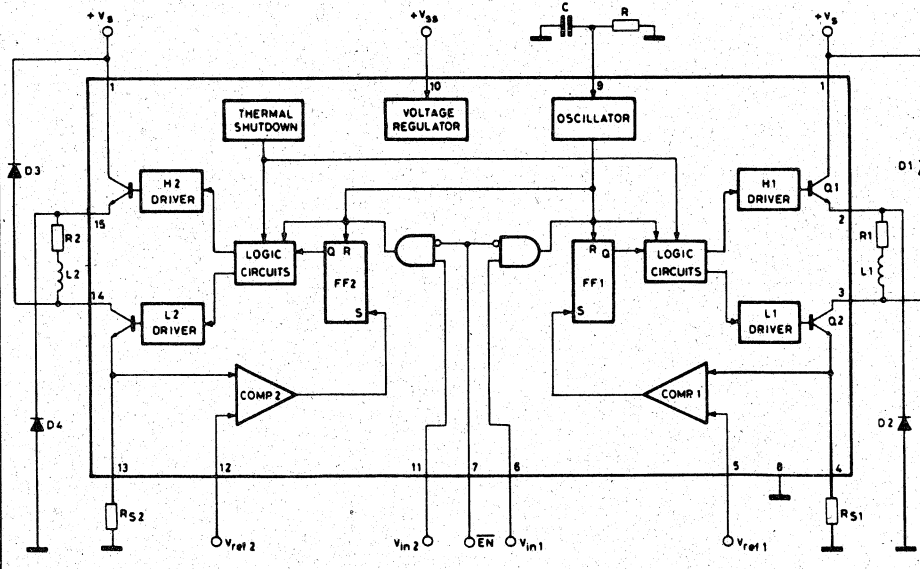
16-Pin DIP See Fig. L111



ECG1750

Dual Solenoid/Motor Driver, $V_S=36\text{ V}$, $V_{SS}=5\text{ V}$

15-Pin SIP-HS See Fig. L93A



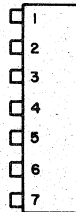
Linear IC and Module Circuits (cont'd)

ECG1751

7-Pin SIP See Fig. L29

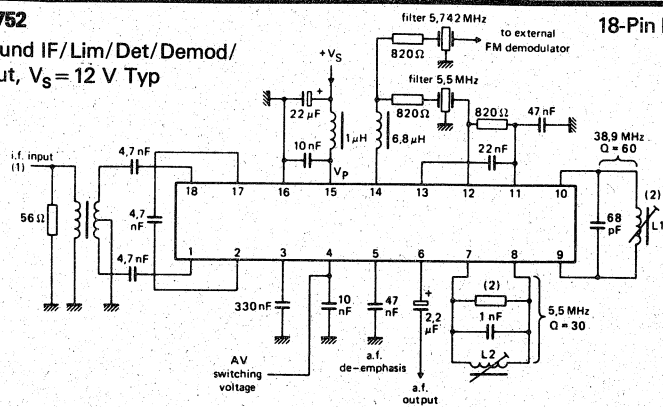
TV/Switching SCR Driver for Voltage Reg.,
V_{CC} = 19 to 24 V

- 1= ERROR INPUT
- 2= NO CONNECTION
- 3= CURRENT SOURCE
- 4= GROUND
- 5= HORIZONTAL PHASE COMPONENT
- 6= V_{CC}
- 7= GATE DRIVE



ECG1752

TV Sound IF/Lim/Det/Demod/
AF Out, V_S = 12 V Typ

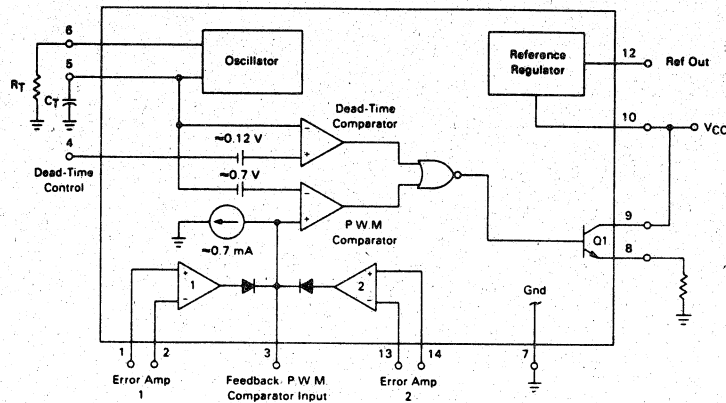


18-Pin DIP See Fig. L115

ECG1753

14-Pin DIP See Fig. L104

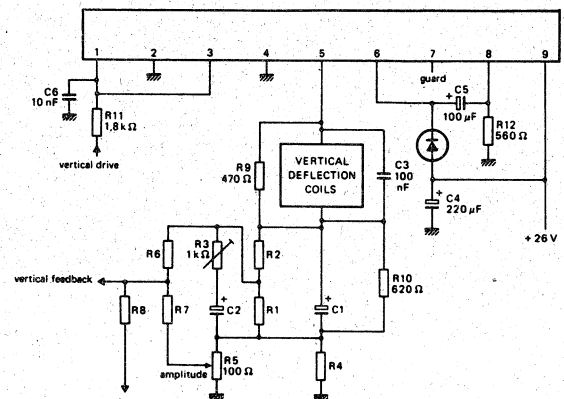
Pulse Width Modulation Control Ckt, V_{CC} = 15 V Typ



ECG1754

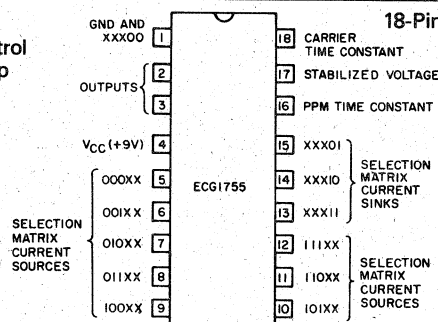
9-Pin SIP See Fig. L51A

TV Vertical Deflection, V_{CC} = 26 V Typ



ECG1755

32-Command Remote Control
Transmitter, V_{CC} = 9 V Typ

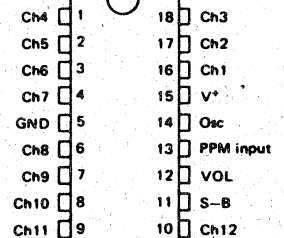


18-Pin DIP See Fig. L115

ECG1756

18-Pin DIP See Fig. L115

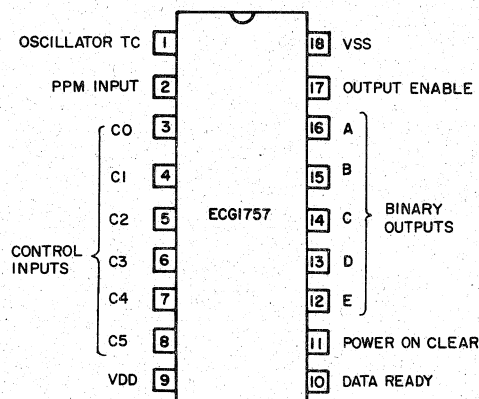
15-Command Remote Control Receiver,
V₊ = 12 V Typ



ECG1757

18-Pin DIP See Fig. L115

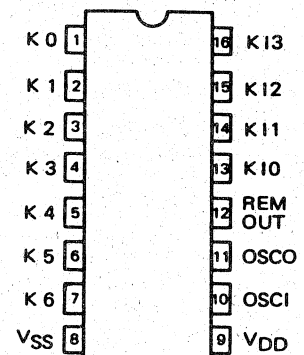
Programmable Remote Control Receiver, V_{DD} = -15 V Typ



ECG1758

16-Pin DIP See Fig. L111

27-Command Remote Control Transmitter,
V_{DD} = 6 V Typ

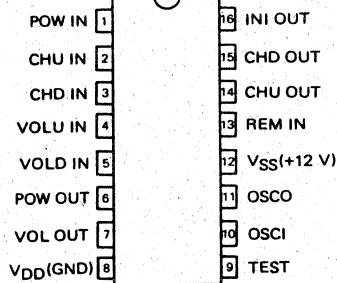


Linear IC and Module Circuits (cont'd)

ECG1759

16-Pin DIP See Fig. L111

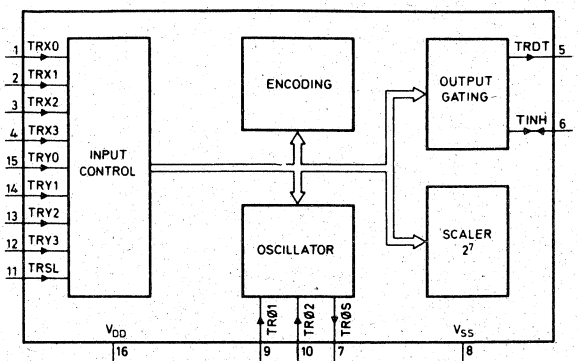
26-Command Remote Control Receiver,
V_{CC} = 12 V Typ



ECG1760

16-Pin DIP See Fig. L111

32-Command Remote Control
Transmitter, V_{DD} = 9 V Typ

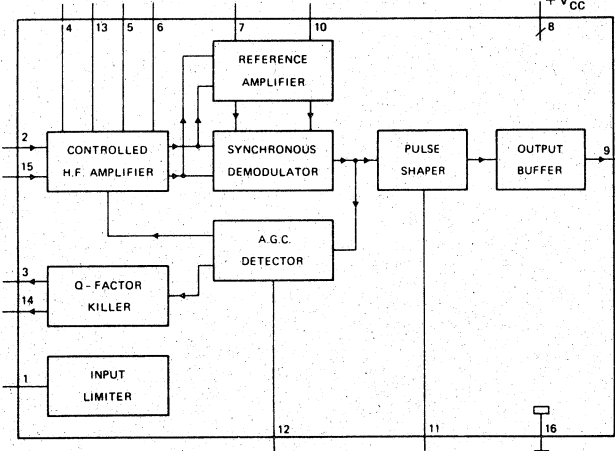


ECG1761

ECG1762

Infrared Remote Control
Receiver, V_{CC} = 5 V Typ

16-Pin DIP See Fig. L111

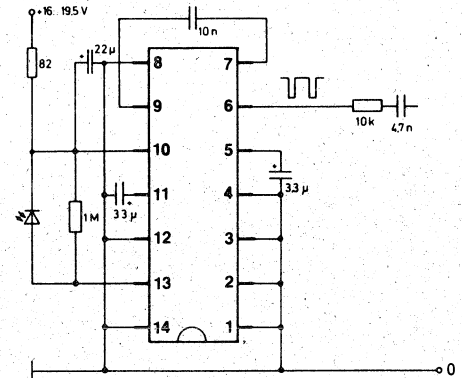


ECG1761 - Active Hi Output
ECG1762 - Active Lo Output

ECG1763

14-Pin DIP See Fig. L104

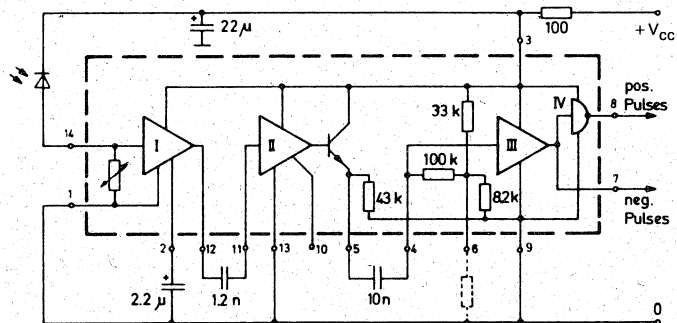
Remote Control Infrared Preamp, V_{CC} = 5 V Typ



ECG1764

14-Pin DIP See Fig. L104

Remote Control Infrared Preamp, V_{CC} = 6 V



ECG1768

3-Pin Can See Fig. L1B

RF/IF/VHF Hybrid Amp, I_D = 10 mA, V_D = 2.9 Vdc,
P_G = 14 dB Typ, BW = 400 MHz

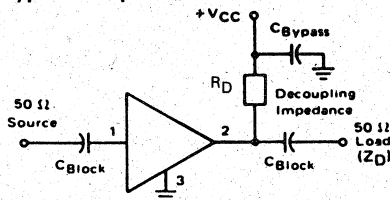
ECG1769

RF/IF/VHF Hybrid Amp, I_D = 25 mA, V_D = 5 Vdc,
P_G = 14 dB Typ, BW = 400 MHz

ECG1770

RF/IF/VHF Hybrid Amp, I_D = 25 mA, V_D = 3.2 Vdc,
P_G = 10 dB Typ, BW = 600 MHz

Typical Amplifier Schematic



Supply Voltage

The value of the external decoupling resistive impedance (R_D) determines the supply voltage (+V_{CC}) and is determined by the following equation:

$$V_{CC} = R_D \times I_D + V_D$$

More commonly V_{CC} is predetermined and R_D may be calculated from:

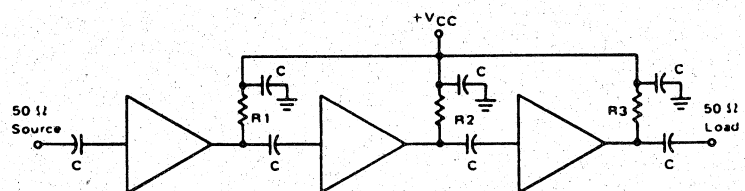
$$R_D = \frac{V_{CC} - V_D}{I_D}$$

If an RF choke is used for decoupling, then the supply voltage (V_{CC}) required is equal to the device voltage (V_D).

Bypass Capacitor

The reactive impedance of the bypass capacitor should be small compared to the impedance of the decoupling element at the lowest frequency of operation.

Typical Cascade Application



Typical R_D Values

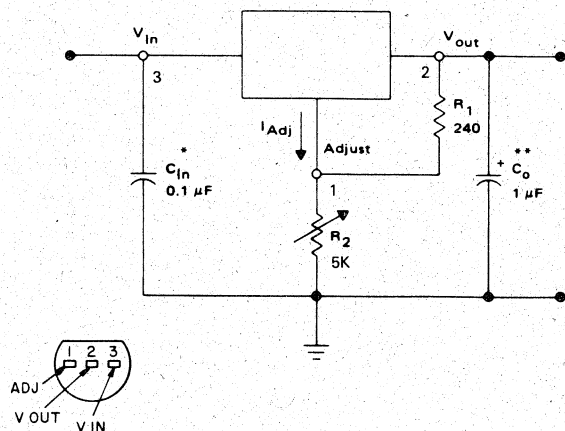
ECG1768		ECG1769		ECG1770	
VCC	RD	VCC	RD	VCC	RD
5	210	5	1	5	85
6	310	6	40	6	120
12	910	12	280	12	360
18	1510	18	520	18	600
24	2110	24	760	24	830

Linear IC and Module Circuits (cont'd)

ECG1900

TO-92 See Fig. L16

3-Terminal Pos Adj Voltage Regulator; $V_O = 1.2 \text{ V to } 37 \text{ V}$,
 $I_O = 100 \text{ mA}$, $V_{IN} = 40 V_{max}/2.45 V_{min}$, $P_D = 625 \text{ mW}$



* = C_1 is required if regulator is located an appreciable distance from power supply filter.
 ** = C_0 is not needed for stability; however, it does improve transient response.

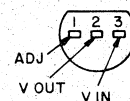
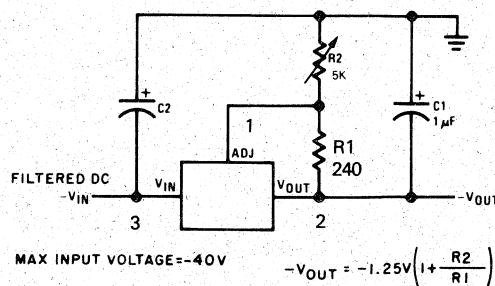
$$V_{out} = 1.25 \text{ V} \left(1 + \frac{R_2}{R_1} \right) + I_{Adj} R_2$$

Since I_{Adj} is controlled to less than $100 \mu\text{A}$, the error associated with this term is negligible in most applications.

ECG1901

TO-92 See Fig. L16

3-Terminal Neg Adj Voltage Regulator; $V_O = -1.2 \text{ V to } -37 \text{ V}$,
 $I_O = 100 \text{ mA}$, $V_{IN} = -40 V_{max}/-2.45 V_{min}$, $P_D = 625 \text{ mW}$

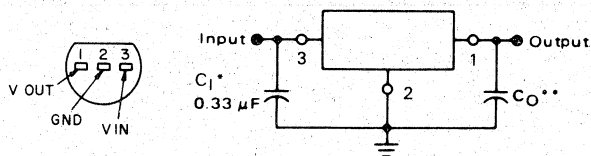


ECG1902, ECG1906, ECG1908

TO-92 See Fig. L16

3-Terminal Positive Fixed Voltage Regulators

ECG Type	Output Voltage $V_O \pm 5\%$	Output Current I_O	Maximum Input Voltage V_{IN}	Minimum Input Voltage V_{IN}	Power Dissipation P_D
ECG1902	9 V	100 mA	30 V	11 V	775 mW
ECG1906	18 V	100 mA	35 V	20 V	700 mW
ECG1908	24 V	100 mA	40 V	26 V	700 mW



A common ground is required between the input and the output voltages. The input voltage must remain typically 2.0 V above the output voltage even during the low point on the input ripple voltage.

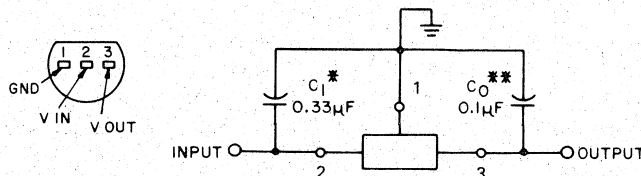
* = C_1 is required if regulator is located an appreciable distance from power supply filter.
 ** = C_0 is not needed for stability; however, it does improve transient response.

ECG1903, ECG1905, ECG1907, ECG1909, ECG1917

TO-92 See Fig. L16

3-Terminal Negative Fixed Voltage Regulators

ECG Type	Output Voltage $V_O \pm 5\%$	Output Current I_O	Maximum Input Voltage V_{IN}	Minimum Input Voltage V_{IN}	Power Dissipation P_D
ECG1903	-12 V	100 mA	-35 V	-14 V	700 mW
ECG1905	-15 V	100 mA	-35 V	-17 V	700 mW
ECG1907	-18 V	100 mA	-35 V	-20 V	700 mW
ECG1909	-24 V	100 mA	-40 V	-26 V	700 mW
ECG1917	-5 V	100 mA	-35 V	-7.3 V	700 mW



A common ground is required between the input and the output voltages. The input voltage must remain typically 2.0 V above the output voltage even during the low point on the input ripple voltage.

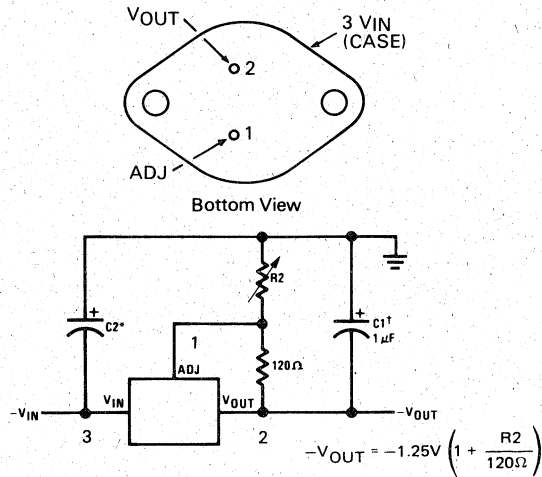
* = C_1 is required if regulator is located an appreciable distance from power supply filter.
 ** = C_0 improves stability and transient response.

Linear IC and Module Circuits (cont'd)

ECG1911

TO-3 See Fig. L11

3-Terminal Negative Adjustable Voltage Regulator;
 $V_O = -1.2 \text{ V to } -37 \text{ V}$, $I_O = 1.5 \text{ A}$,
 $V_{IN} = -40 \text{ V}_{\text{max}} / -2.45 \text{ V}_{\text{min}}$, $P_D = 20 \text{ W}$



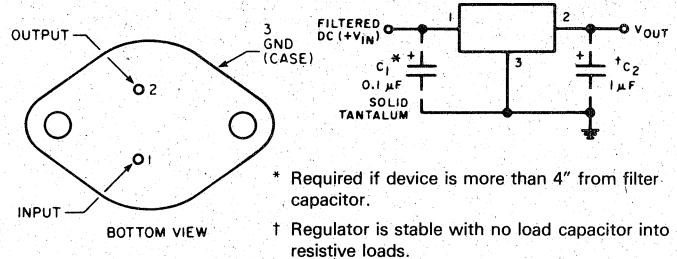
† C1 = 1 μF solid tantalum or 10 μF aluminum electrolytic required for stability
 * C2 = 1 μF solid tantalum is required only if regulator is more than 4" from power-supply filter capacitor

ECG1912, ECG1914, ECG1916, ECG1918, ECG1920, ECG1924

TO-3 See Fig. L11

3-Terminal Positive Fixed Voltage Regulators

ECG Type	Output Voltage $V_O \pm 5\%$	Output Current I_O	Maximum Input Voltage V_{IN}	Minimum Input Voltage V_{IN}	Power Dissipation P_D
ECG1912	12 V	3 A	35 V	14.5 V	30 W
ECG1914	12 V	1.5 A	35 V	14 V	15 W
ECG1916	15 V	1.5 A	40 V	17.4 V	20 W
ECG1918	15 V	3 A	35 V	17.5 V	30 W
ECG1920	18 V	1.5 A	35 V	20.5 V	20 W
ECG1924	24 V	1.5 A	40 V	26.4 V	20 W



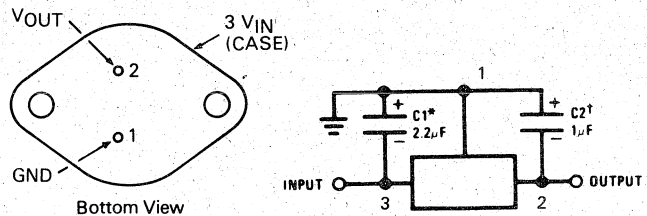
* Required if device is more than 4" from filter capacitor.
 † Regulator is stable with no load capacitor into resistive loads.

ECG1913, ECG1915, ECG1919, ECG1923, ECG1925

TO-3 See Fig. L11

3-Terminal Negative Fixed Voltage Regulators

ECG Type	Output Voltage $V_O \pm 5\%$	Output Current I_O	Maximum Input Voltage V_{IN}	Minimum Input Voltage V_{IN}	Power Dissipation P_D
ECG1913	- 5 V	1.5 A	- 35 V	- 7.1 V	15 W
ECG1915	- 12 V	1.5 A	- 35 V	- 14.1 V	15 W
ECG1919	- 15 V	1.5 A	- 40 V	- 17.1 V	15 W
ECG1923	- 18 V	1.5 A	- 40 V	- 20.1 V	15 W
ECG1925	- 24 V	1.5 A	- 40 V	- 26.1 V	15 W

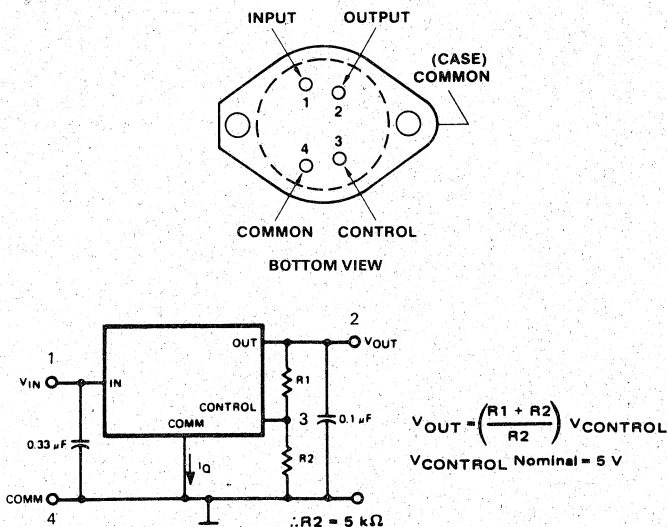


* Required if regulator is separated from filter capacitor by more than 3". For value given, capacitor must be solid tantalum. 25 μF aluminum electrolytic may be substituted.
 † Required for stability. For value given, capacitor must be solid tantalum. 25 μF aluminum electrolytic may be substituted. Values given may be increased without limit.
 For output capacitance in excess of 100 μF, a high current diode from input to output will protect the regulator from momentary input shorts.

ECG1926

TO-3, 4-Pin See Fig. L11B

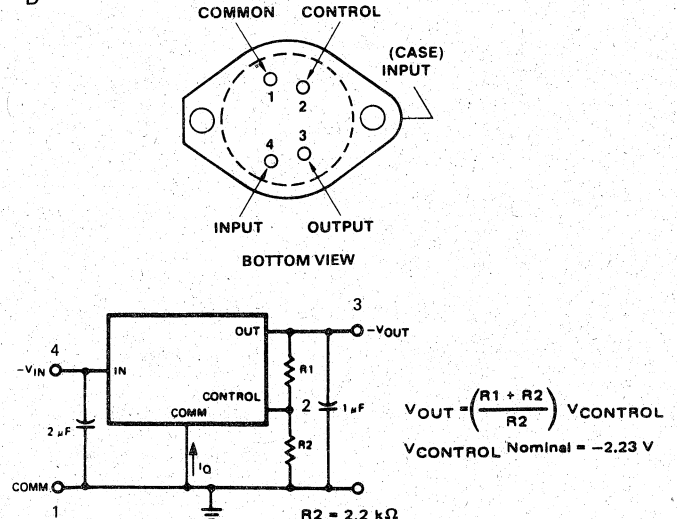
4-Terminal Positive Adjustable Voltage Regulator;
 $V_O = 5 \text{ V to } 30 \text{ V}$, $I_O = 1 \text{ A}$, $V_{IN} = 40 \text{ V}_{\text{max}} / 7.5 \text{ V}_{\text{min}}$, $P_D = 15 \text{ W}$



ECG1927

TO-3, 4-Pin See Fig. L11B

4-Terminal Negative Adjustable Voltage Regulator;
 $V_O = -2.2 \text{ V to } -30 \text{ V}$, $I_O = 1 \text{ A}$, $V_{IN} = -40 \text{ V}_{\text{max}} / -4.7 \text{ min}$,
 $P_D = 15 \text{ W}$



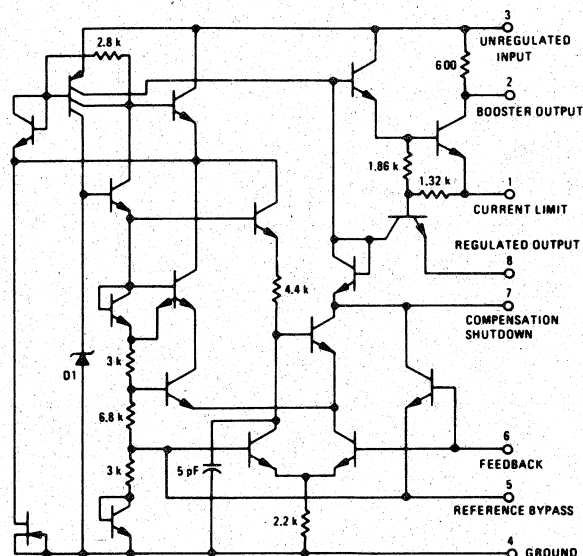
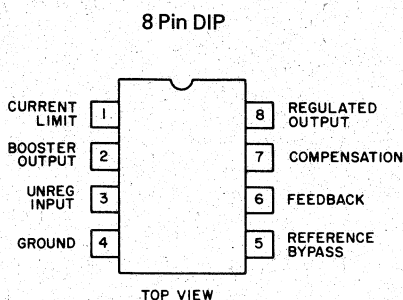
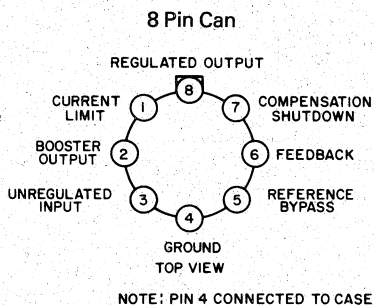
Linear IC and Module Circuits (cont'd)

ECG1928 ECG1930

TO-5, 8-Pin See Fig. L3
8-Pin DIP See Fig. L98

Positive Adjustable Voltage Regulator

ECG Type	Output Voltage V_O	Output Current I_O	Maximum Input Voltage V_{IN}	Minimum Input Voltage V_{IN}	Power Dissipation P_D	Case Style	Fig. No.
ECG1928	4.5 to 30 V	12 mA	40 V	8.5 V	800 mW	8-Pin Can	L3
ECG1930	5 to 37 V	25 mA	40 V	9 V	400 mW	8-Pin DIP	L98



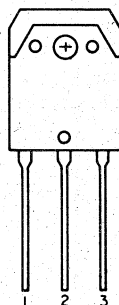
ECG1932

See ECG958
Page 1-179

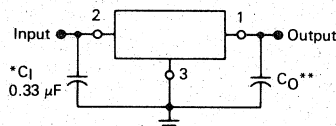
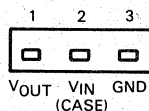
ECG1934, ECG1936, ECG1938, ECG1940

3 Terminal Positive Voltage Regulators

TO-3PJ See Fig. L17A



ECG Type	Output Voltage $V_O \pm 5\%$	Output Current I_O	Maximum Input Voltage V_{IN}	Minimum Input Voltage V_{IN}	Power Dissipation P_D
ECG1934	5 V	2 A	30 V	8 V	50 W
ECG1936	12 V	2 A	35 V	15 V	50 W
ECG1938	15 V	2 A	40 V	18 V	50 W
ECG1940	24 V	2 A	40 V	27 V	50 W



A common ground is required between the input and the output voltages. The input voltage must remain typically 2.0 V above the output voltage even during the low point on the input ripple voltage.

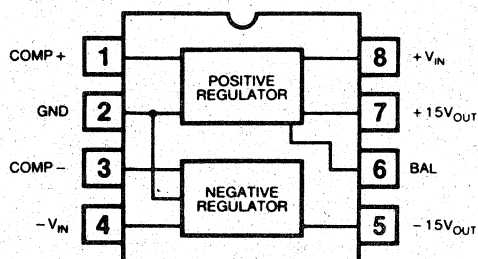
* = C_1 is required if regulator is located an appreciable distance from power supply filter.

** = C_0 is not needed for stability; however, it does improve transient response.

ECG1941

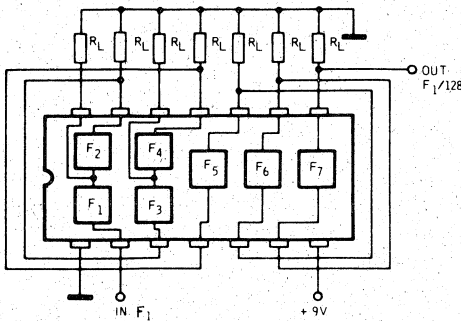
8-Pin DIP See Fig. L97

Dual Tracking Voltage Regulator ± 15 V, $V_{IN} = \pm 30$ V Max, $I_{OUT} = 100$ mA Max

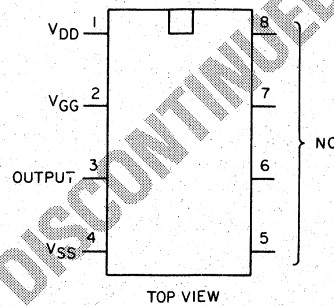


Miscellaneous Integrated Circuits

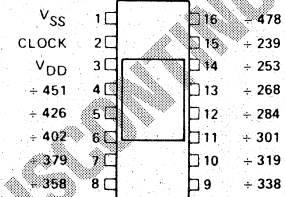
ECG2040 14-Pin DIP See Fig. L104
7-Stage Freq Divider



ECG2041 8-Pin DIP See Fig. L97
Digital Noise Generator (MOS)

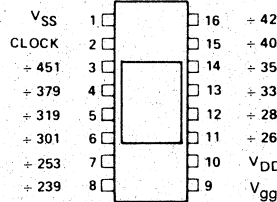


ECG2042 16-Pin DIP See Fig. L112
Top Octave Generator (PMOS)



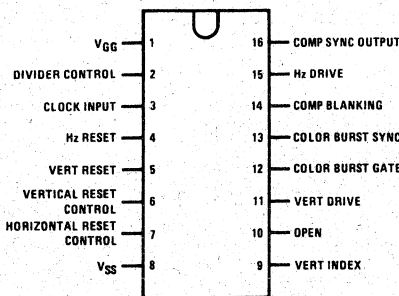
VDD = -11 V to -16 V

ECG2043 16-Pin DIP See Fig. L112
Top Octave Generator (PMOS)

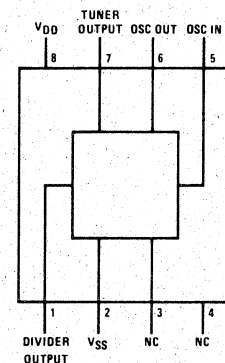


VDD = -11 V to -16 V

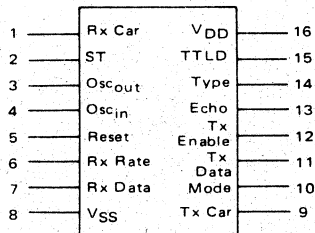
ECG2045 16-Pin DIP See Fig. L111
TV Camera Sync Generator (PMOS)



ECG2046 8-Pin DIP See Fig. L97
60 Hz Time Base Generator
Input Freq = 3.58 MHz (CMOS)

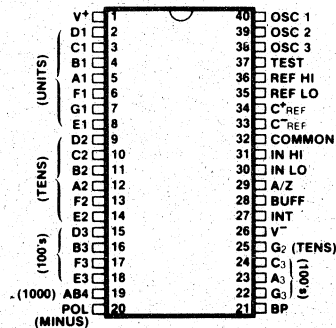


ECG2047 16-Pin DIP See Fig. L112
FSK Modem, 0-600 Baud (CMOS)

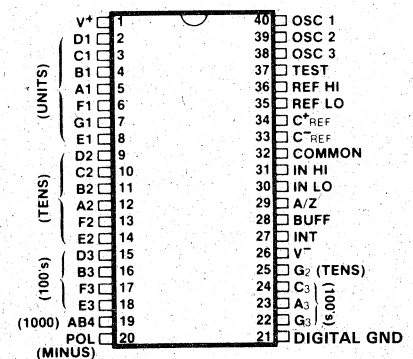


ECG2049 40-Pin DIP See Fig. L125
LED 3 1/2 Digit A/D Converter, Low Power (CMOS)

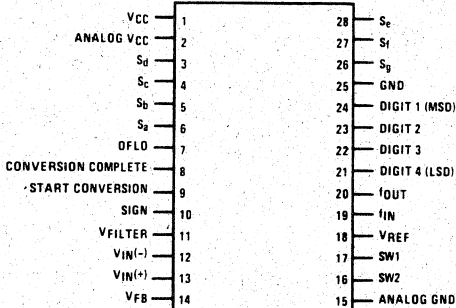
ECG2051 LCD 3 1/2 Digit A/D Converter (CMOS)



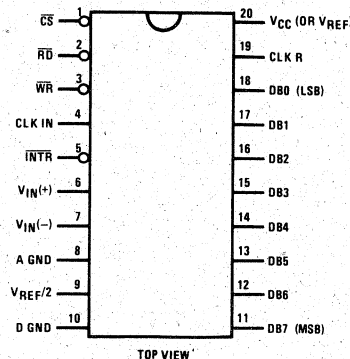
ECG2050 40-Pin DIP See Fig. L125
LED 3 1/2 Digit A/D Converter (CMOS)



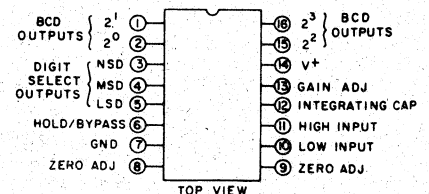
ECG2052 28-Pin DIP See Fig. L124A
3 1/2 Digit A/D Converter with Multiplexed
7-Segment Output (CMOS)



ECG2053 20-Pin DIP See Fig. L118A
8-Bit MPU Compatible A/D Converter (CMOS)

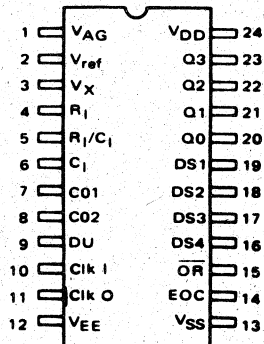


ECG2054 16-Pin DIP See Fig. L112
3 Digit A/D Converter

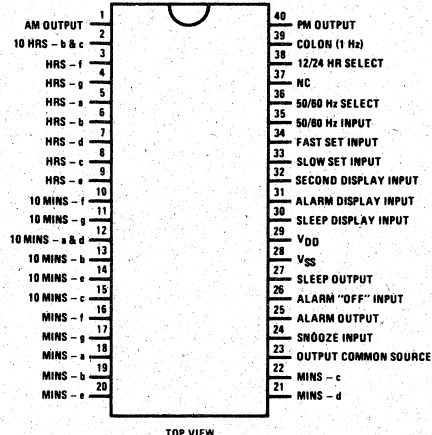


Miscellaneous Integrated Circuits

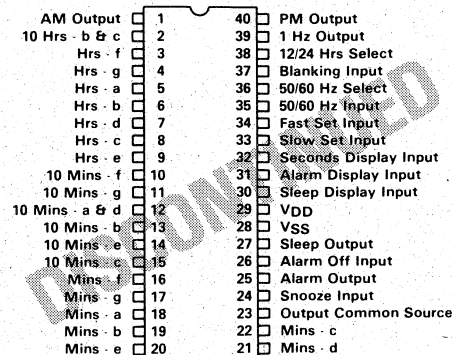
ECG2055 24-Pin DIP See Fig. L122
3½ Digit Analog to Digital Converter (CMOS)



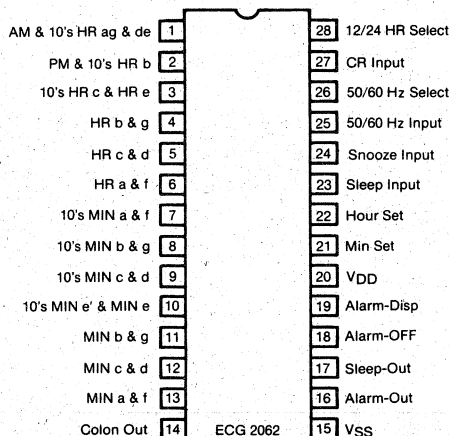
ECG2060 40-Pin DIP See Fig. L125
Digital Alarm Clock Ckt for LED Display (PMOS)



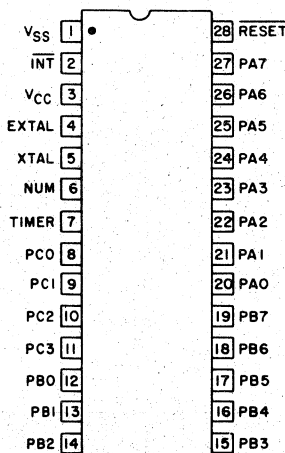
ECG2061 40-Pin DIP See Fig. L125
Digital Alarm Clock Ckt for Vacuum Fluorescent Display (PMOS)



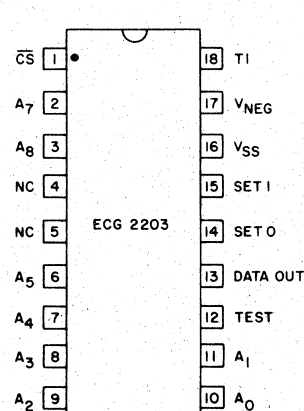
ECG2062 28-Pin DIP See Fig. L124
IC-4 Mode Digital Alarm Clock for LED Display (PMOS), VDD = -12 V Typ



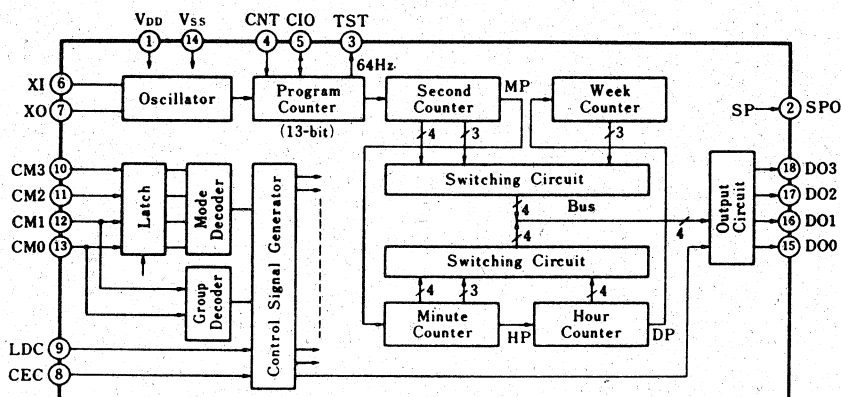
ECG2200, ECG2201, ECG2202, ECG2204, ECG2205, ECG2206 28-Pin DIP See Fig. L124
TV Tuner Microprocessor, VCC = 5.25 V, Vss = 0 V Typ (HMOS)



ECG2203 18-Pin DIP See Fig. L115
PMOS-EAROM for TV Tuners, Vss = +5 V, Vneg = -30 V Typ



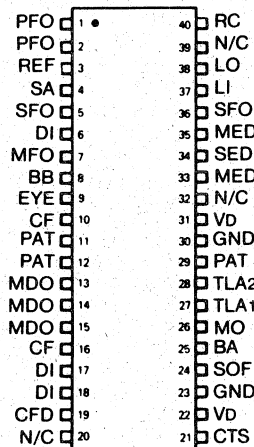
ECG2207 18-Pin DIP See Fig. L115
Digital Clock for 4-Bit Microcomputers (CMOS)



Miscellaneous Integrated Circuits (cont'd)

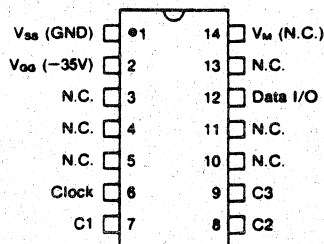
ECG2400 40-Pin DIP See Fig. L125

Modem, 100/300/600/1200 Baud FSK, Single +5 V Supply, Bell 103, 113A and 202 Compatible



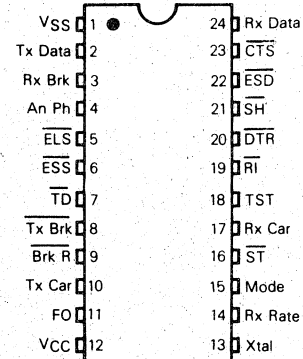
ECG2800 14-Pin DIP See Fig. L104

1400-Bit Serial EAPROM for Channel Memory Storage in Digital Tuners (PMOS)



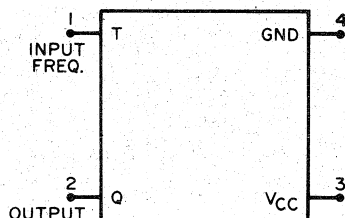
ECG6860 24-Pin DIP See Fig. L122

FSK Digital Modem, 600 bps (MOS)



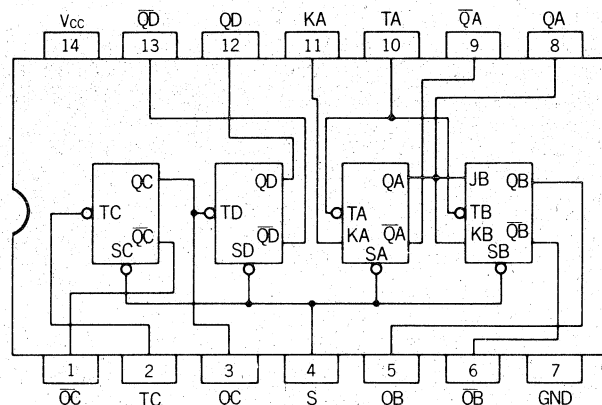
ECG9200 4-Pin SIP See Fig. L18A

I²L Freq Divider for VCR and Electronic Organs



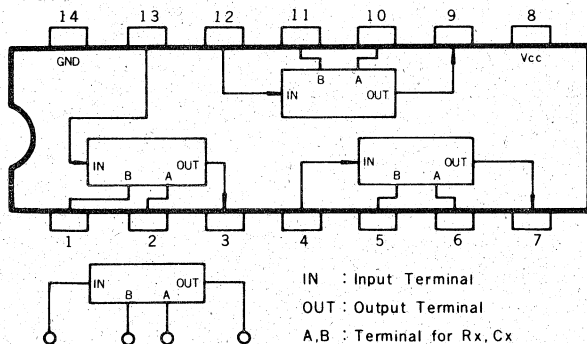
ECG9400 14-Pin DIP See Fig. L104

Pulse Processor for VCR



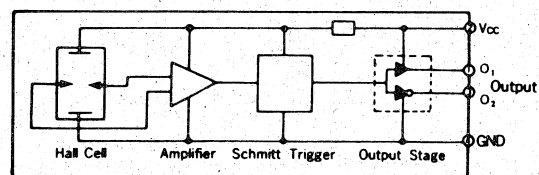
ECG9401 14-Pin DIP See Fig. L104

Monostable Multivibrator for VCR



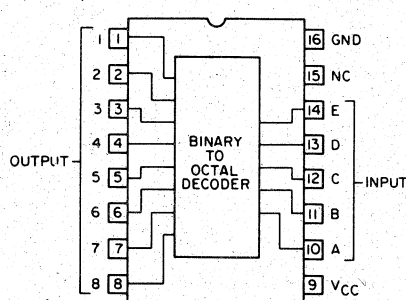
ECG9402 4-Pin SIP See Fig. L18A

Hall Switch, $V_{max}=18\text{ V}$, $I_{max}=8\text{ mA}$



ECG9403 16-Pin DIP See Fig. L111

Binary to Octal Decoder for VCR



IC and Module Outlines

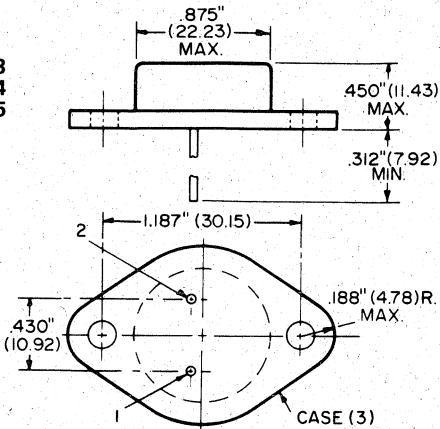
<p>Fig. L1 ECG 703A</p> <p>8-Pin Can</p>	<p>Fig. L1A ECG 703</p> <p>6-Pin Plastic</p>	<p>Fig. L1B ECG 1768 1769 1770</p> <p>3-Pin Can</p>
<p>Fig. L2 ECG 920</p> <p>8-Pin Can</p> <p>1. Q2 2. R 3. GND 4. No Pin 5. Vcc 6. T 7. Q1 8. No Pin</p>	<p>Fig. L3 ECG 716 930 724 937 781 938 871 940 877 941 902 943 909 944 910 945 918 949 922 994 924 1002 925 1171 928 1928</p> <p>8-Pin Can</p>	<p>Fig. L4 ECG 705A</p> <p>9-Pin Can</p>
<p>Fig. L5 ECG 704 711 780</p> <p>10-Pin Can</p>	<p>Fig. L6 ECG 923 927</p> <p>10-Pin Can</p>	<p>Fig. L7 ECG 370A 707 726 816* 900 905 911 915 919 947 973 1188</p> <p>10-Pin Can</p> <p>* ECG816 has index tab at pin 1</p>
<p>Fig. L8 ECG 1053 1137 1224</p> <p>10-Pin Can</p>	<p>Fig. L9 ECG 784 901 903 904 906 907</p> <p>TO-5, 12-Pin Can</p>	<p>Fig. L10 ECG 786</p> <p>12-Pin Can</p>

IC and Module Outlines (cont'd)

Fig. L11

ECG

309K 1923
931 1924
932 1925
933
934
935
970
1911
1912
1913
1914
1915
1916
1918
1919
1920

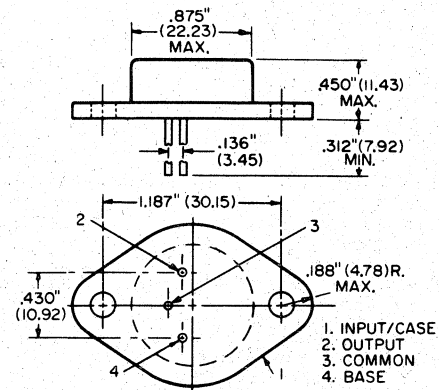


TO-3

Fig. L11A

ECG

1546
1548
1553
1719



TO-3, 3-Pin

Fig. L11B

ECG

1926
1927

TO-3, 4-Pin

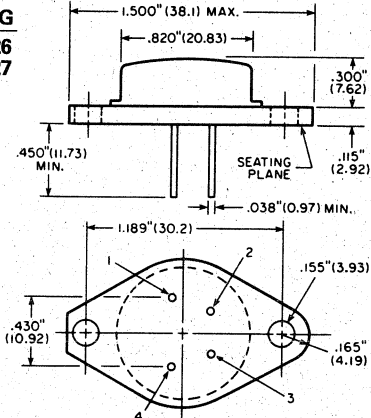


Fig. L12

ECG

946

TO-66, 9-Pin

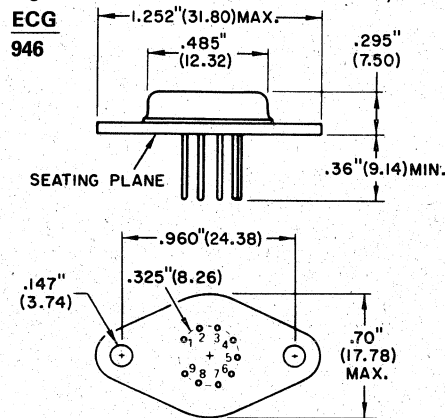


Fig. L13

ECG

1008

TO-3, 9-Pin

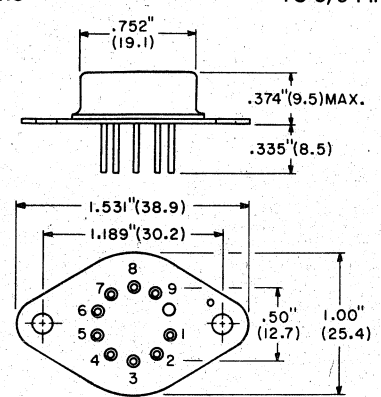


Fig. L14

ECG

1098

TO-3, 10-Pin

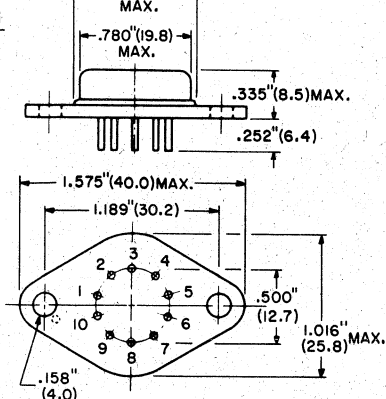


Fig. L15

ECG

1059

TO-3, 14-Pin

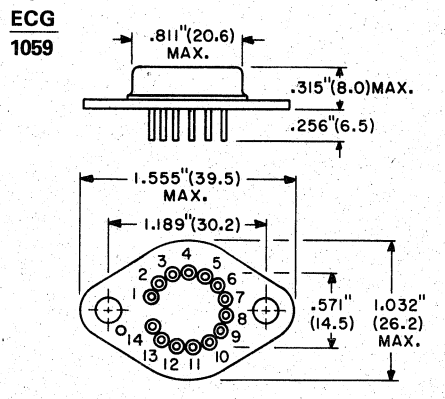


Fig. L16

ECG

950
951
952
977
981
988
1900
1901
1902
1903
1905
1906
1907
1908
1909
1917

TO-92

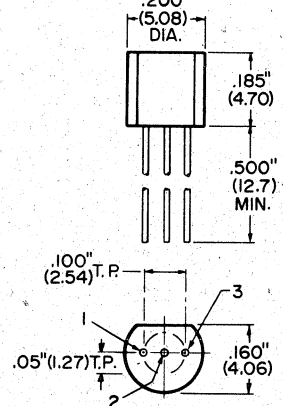


Fig. L17

ECG

956
957
958
959
960
961
962
963
964
965
966
967
968
969
971
972
1932

TO-220

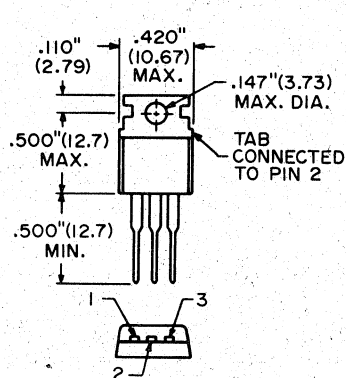


Fig. L17A

ECG

1934
1936
1938
1940

TO-3PJ

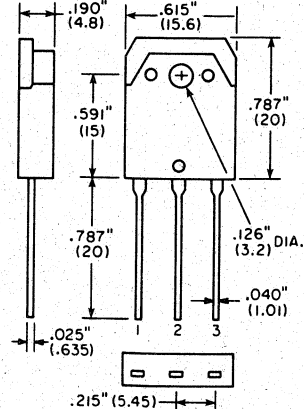
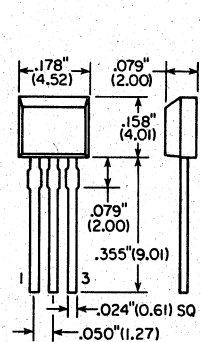


Fig. L17B

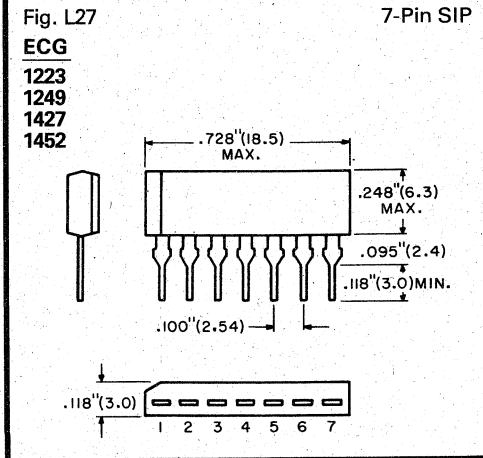
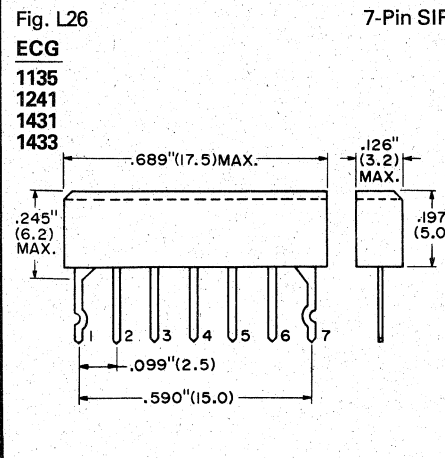
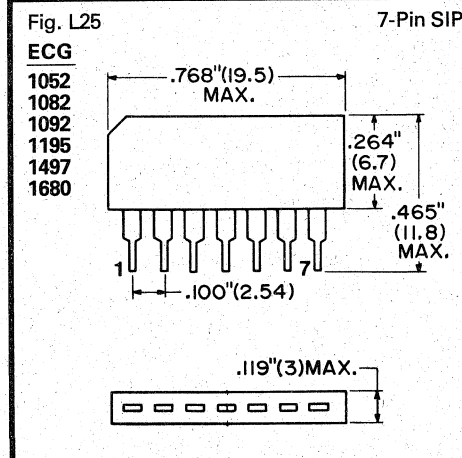
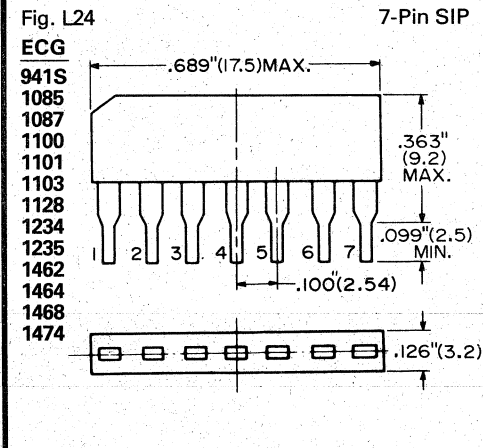
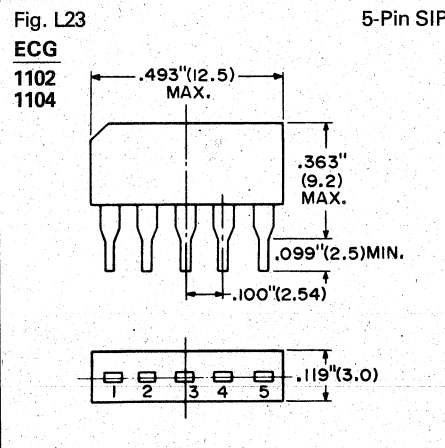
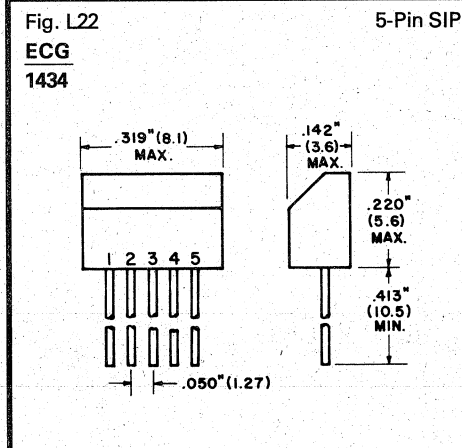
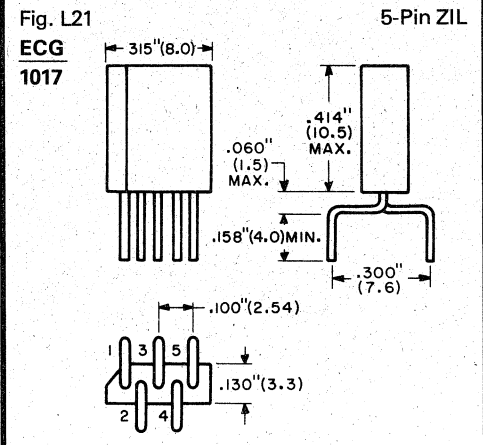
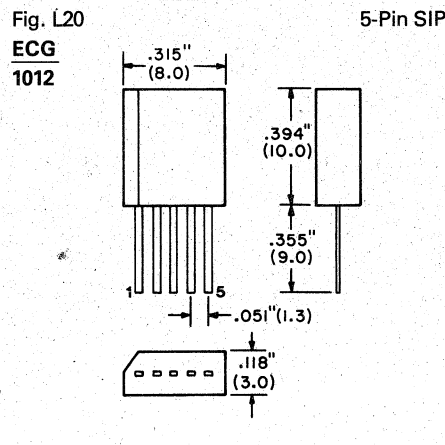
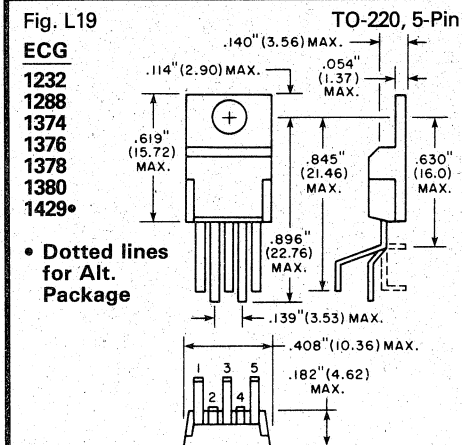
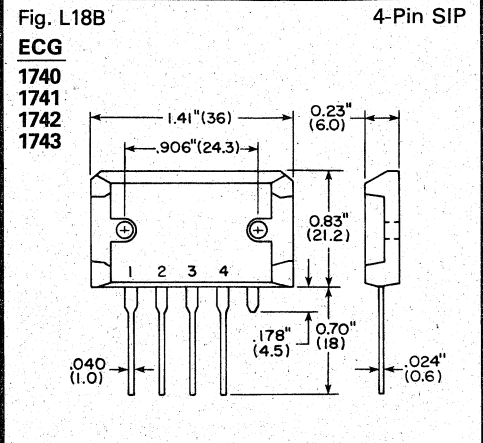
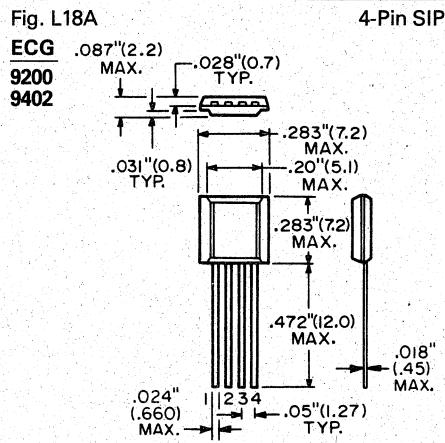
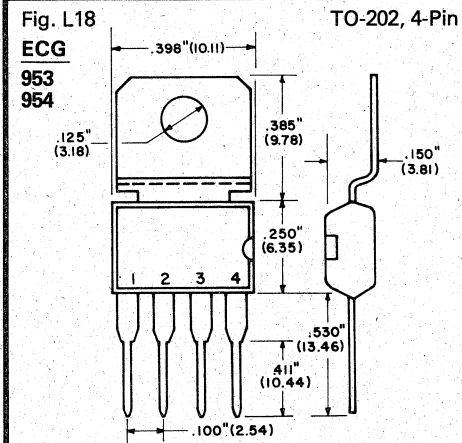
ECG

1705

3-Pin SIP



IC and Module Outlines (cont'd)



IC and Module Outlines (cont'd)

Fig. L28

7-Pin SIP

ECG
1302
1309

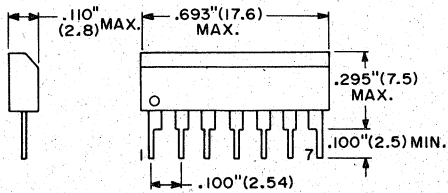


Fig. L29

7-Pin SIP

ECG
1301
1569
1751

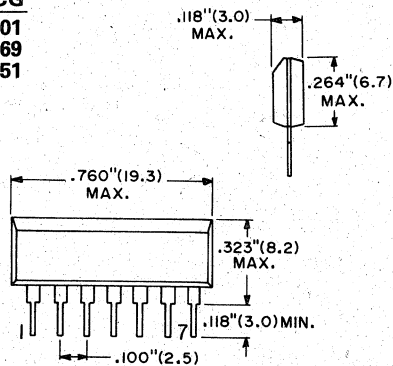


Fig. L30

7-Pin SIP

ECG
1000
1001
1119
1120

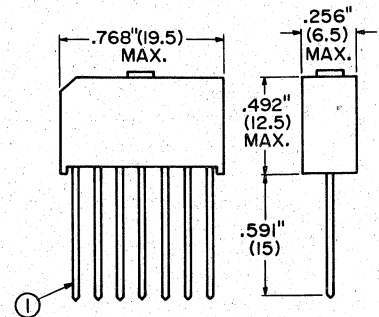


Fig. L30A

7-Pin SIP

ECG
1748

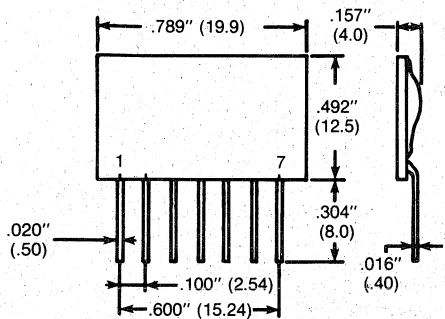


Fig. L31

7-Pin SIP

ECG
1541

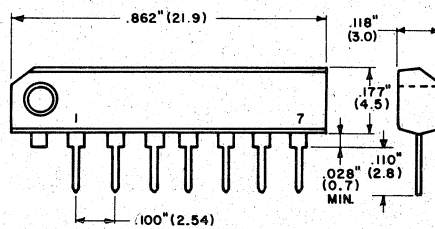


Fig. L31A

7-Pin SIP

ECG
1609

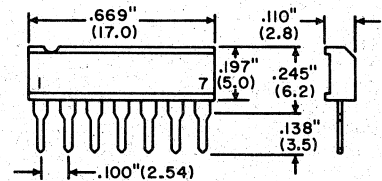


Fig. L32

8-Pin SIP

ECG
1449
1457
1459

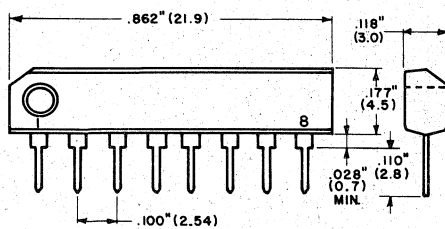


Fig. L33

8-Pin SIP

ECG
1170

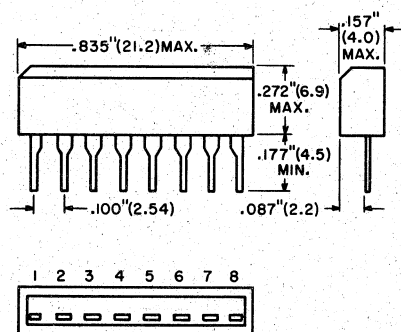


Fig. L34

8-Pin SIP

ECG
1040
1660
1666

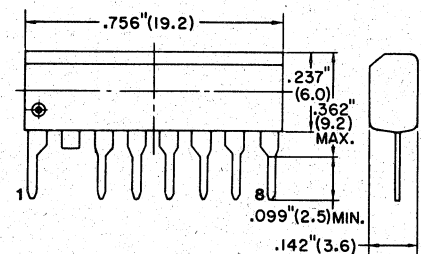


Fig. L35

8-Pin SIP

ECG
955S
1300
1458
1467
1510
1659
1668
1745

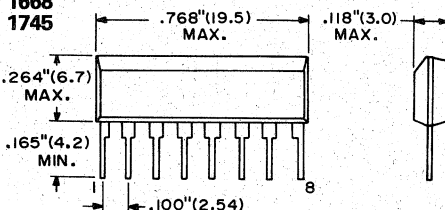


Fig. L35A

8-Pin SIP

ECG
1635

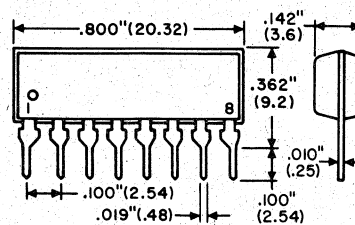
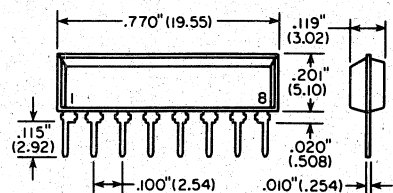


Fig. L35B

8-Pin SIP

ECG
1714S



IC and Module Outlines (cont'd)

Fig. L36

9-Pin SIP

ECG

1465
1479
1658
1708

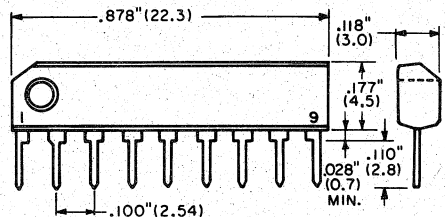


Fig. L37

9-Pin ZIL

ECG

1013
1015
1016
1019
1021
1026

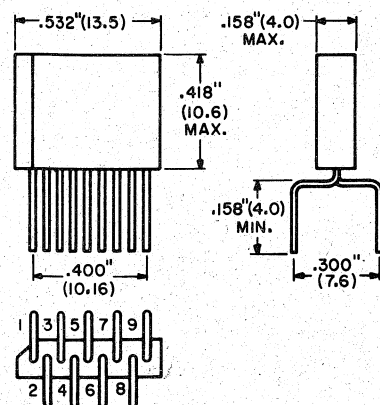


Fig. L38

9-Pin ZIL

ECG

1014

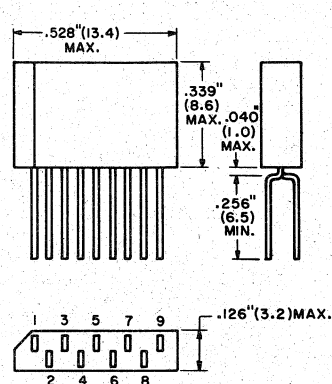


Fig. L39

9-Pin SIP

ECG

928S 1466 1523 1718
1192 1498 1525 1730
1197 1499 1529
1208 1521 1657

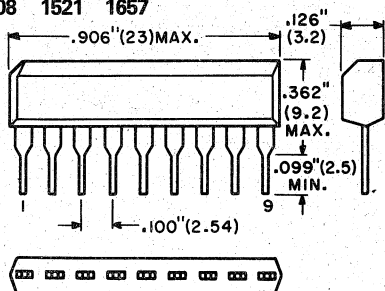


Fig. L40

9-Pin SIP

ECG

1210
1561
1612
1627

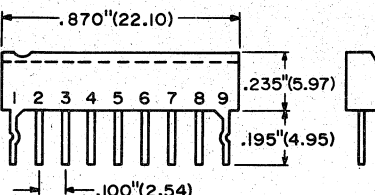


Fig. L41

9-Pin SIP

ECG

1421 1503 1620 1688
1435 1610 1625 1704
1448 1615 1629 1709
1502 1618 1682 1711

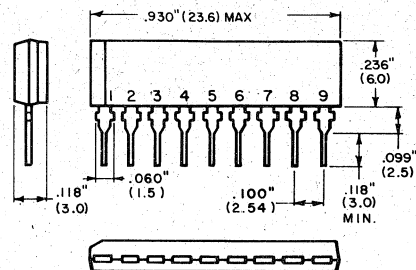


Fig. L42

10-Pin SIP

ECG

1517

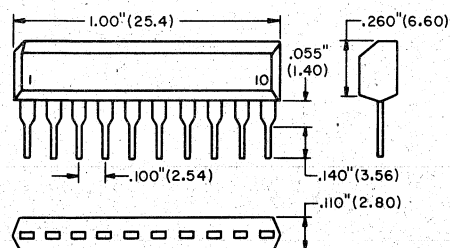


Fig. L43

10-Pin SIP

ECG

1201 1204
1202 1247
1203 1262

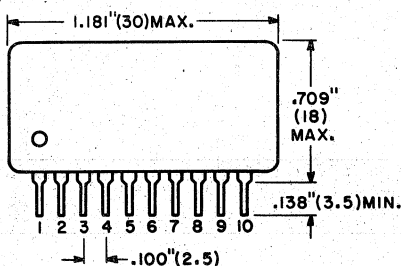


Fig. L44

13-Pin ZIL

ECG

1018
1152

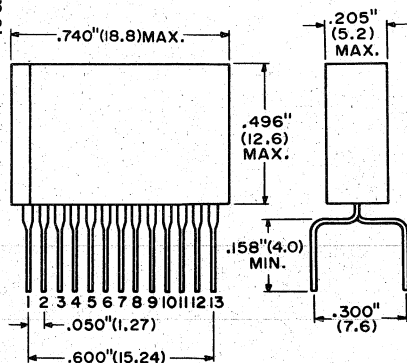


Fig. L45

15-Lead Formed SIP

ECG

1493
1495

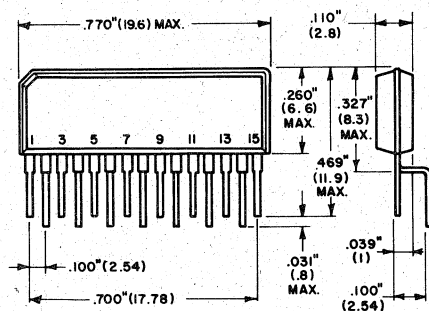


Fig. L46

16-Pin ZIL

ECG

1461
1533
1604

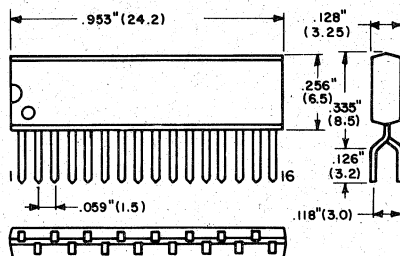
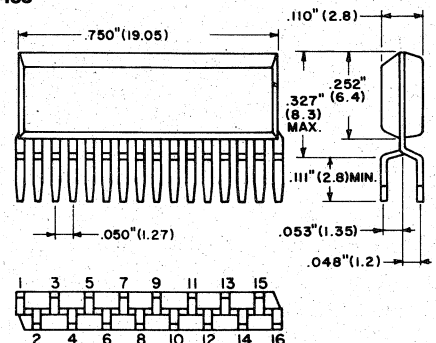


Fig. L47

16-Pin ZIL

ECG

1438



IC and Module Outlines (cont'd)

Fig. L47A

ECG

1631

1717

16-Pin ZIL

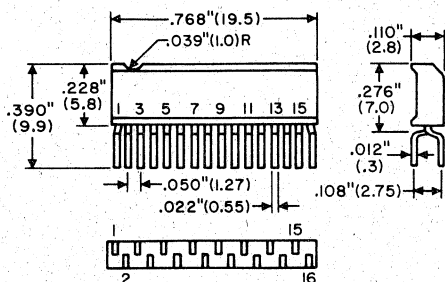


Fig. L48

ECG

1518

19-Lead Formed SIP

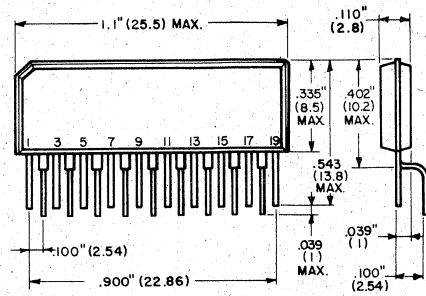


Fig. L49

ECG

1285

1676

7-Pin SIP

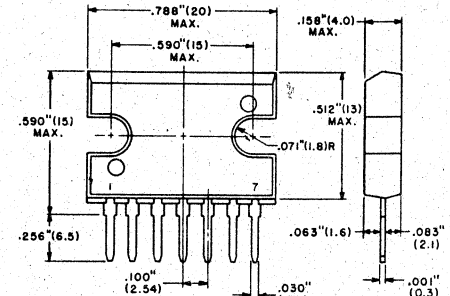


Fig. L50

ECG

1286

7-Pin SIP

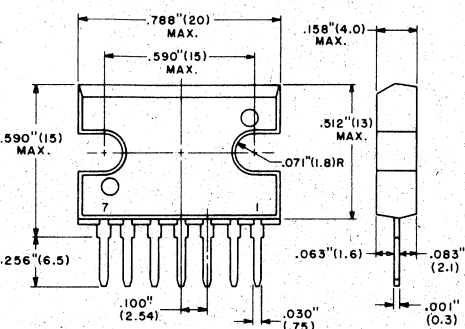


Fig. L51

ECG

1058

9-Pin SIP

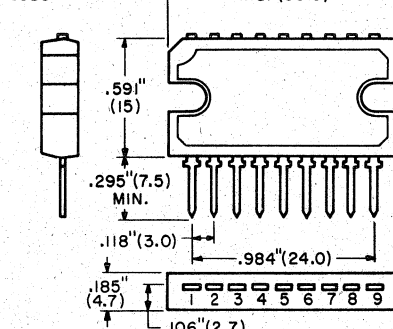


Fig. L51A

ECG

1754

9-Pin SIP

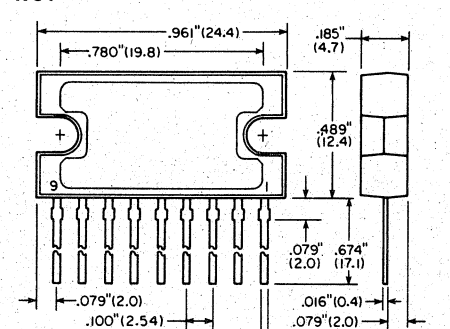


Fig. L52

ECG

1390

10-Pin SIP

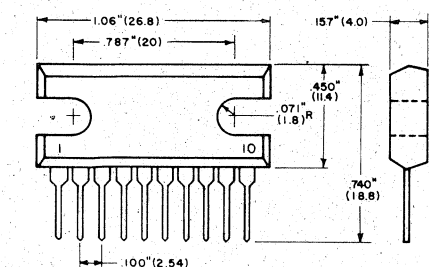


Fig. L52A

ECG

1724

10-Pin SIP

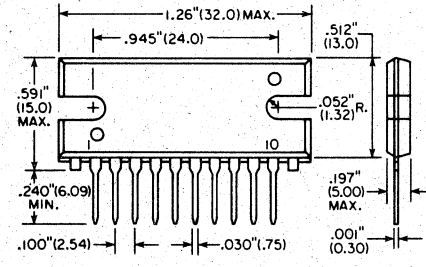


Fig. L53

ECG

1391

10-Pin SIP

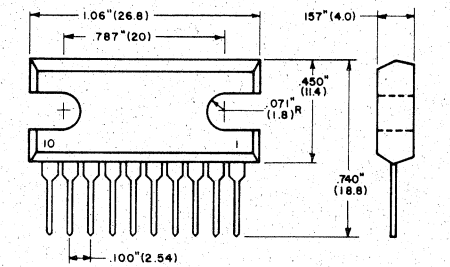


Fig. L53A

ECG

1319

10-Pin SIP

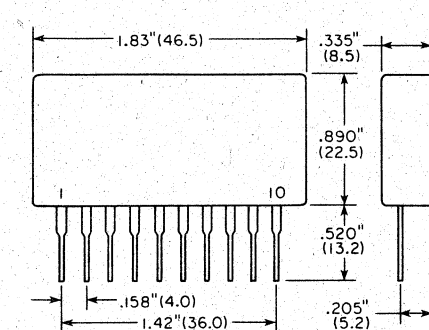


Fig. L54

ECG

1240

1369

1406

1485

11-Pin SIP

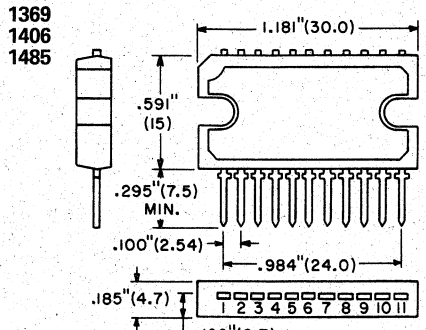


Fig. L55

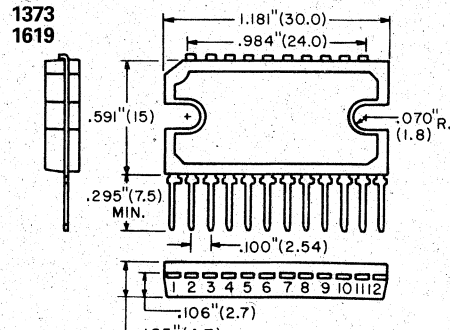
ECG

1371

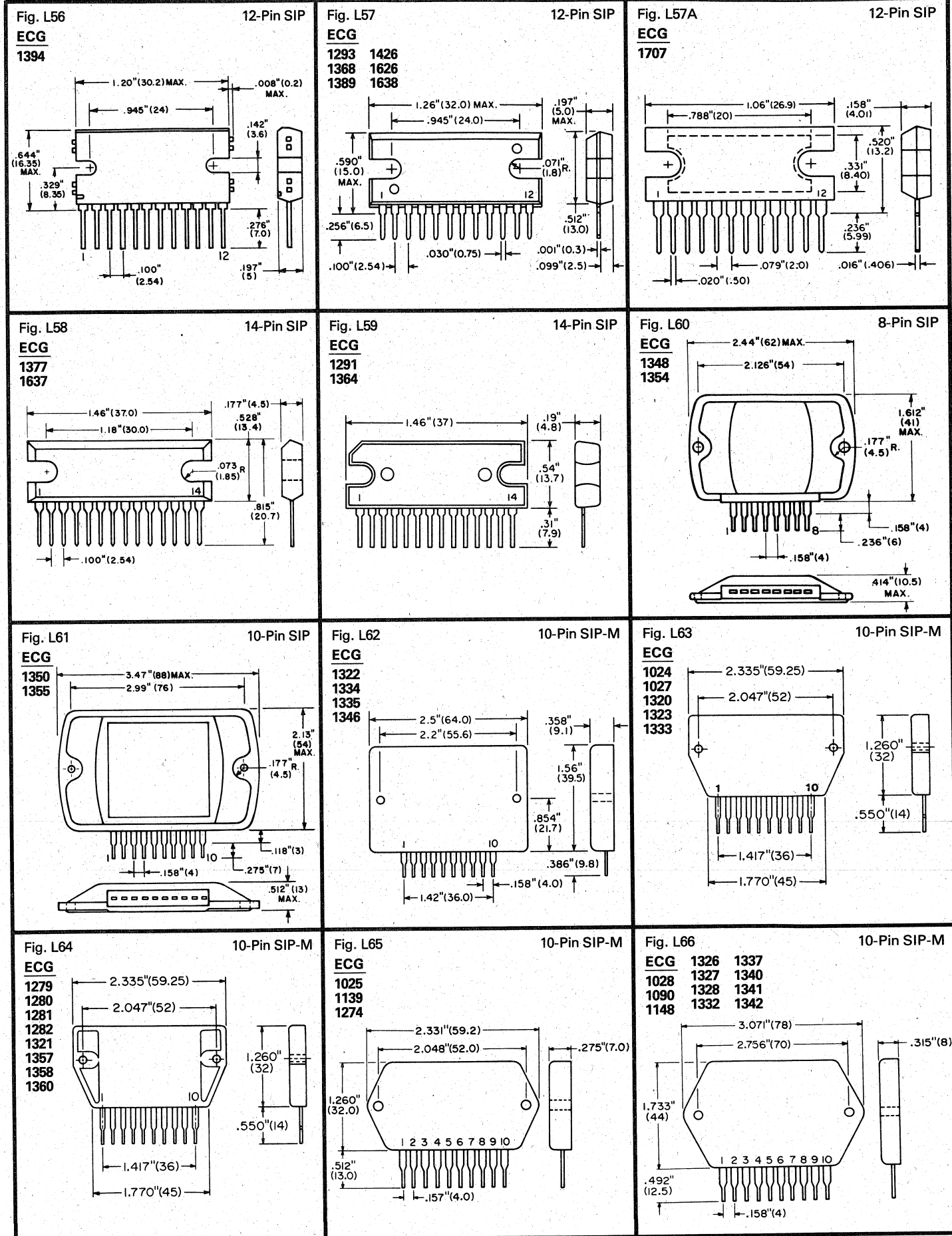
1373

1619

12-Pin SIP



IC and Module Outlines (cont'd)



IC and Module Outlines (cont'd)

Fig. L67

12-Pin SIP

ECG
1349
1352

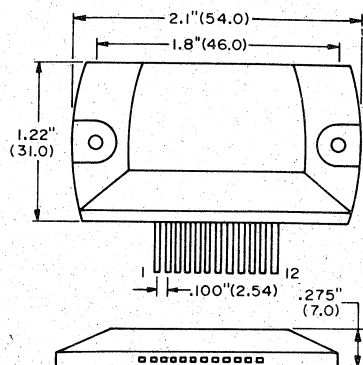


Fig. L67A

12-Pin SIP

ECG
1732

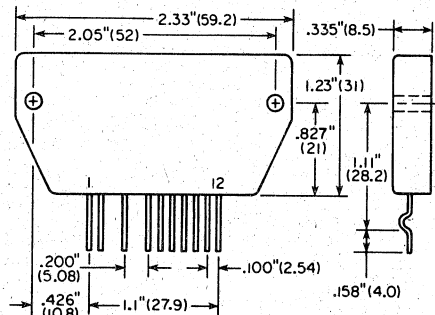


Fig. L68

15-Pin SIP-M

ECG
1338
1339

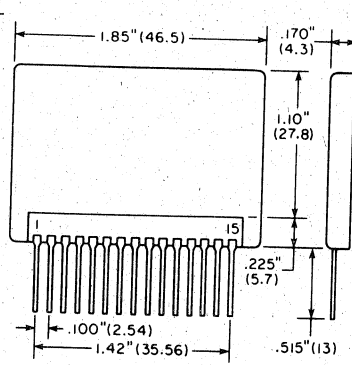


Fig. L69

15-Pin SIP-M

ECG
1218
1220
1343
1359

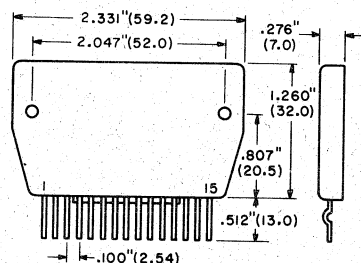
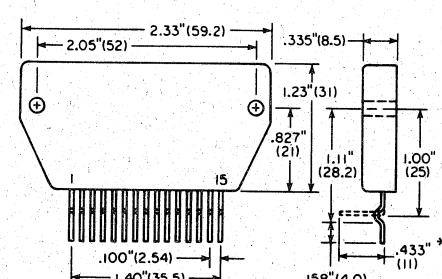


Fig. L69A

15-Pin SIP-M

ECG
1733*
1734
1735



* ECG1733 Only

Fig. L70

15-Pin SIP-M

ECG
1219
1329
1344

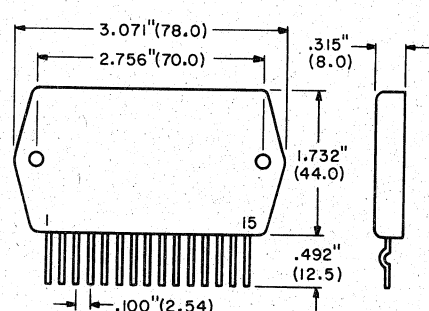


Fig. L71

16-Pin SIP-M

ECG
1212
1252

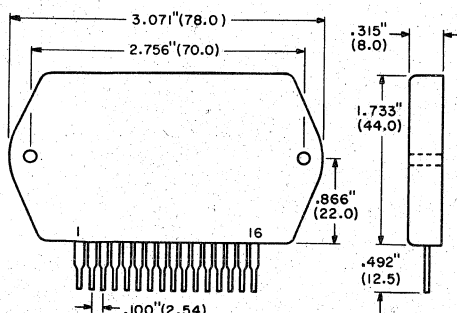


Fig. L72

16-Pin SIP-M

ECG
1336

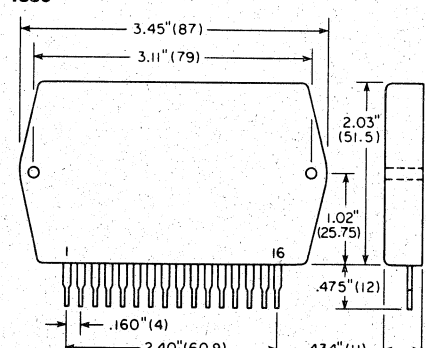


Fig. L73

16-Pin SIP-M

ECG
1330 1347
1331 1356
1345

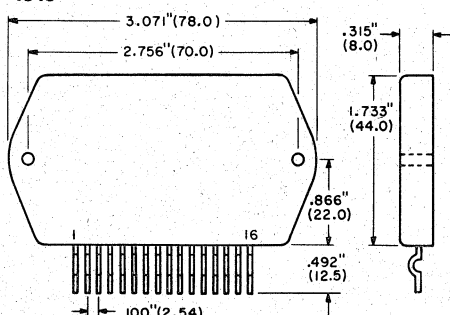


Fig. L74

16-Pin SIP-M

ECG
1324
1325

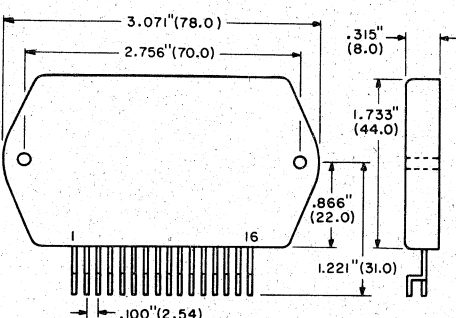


Fig. L75

16-Pin SIP

ECG
1351
1353

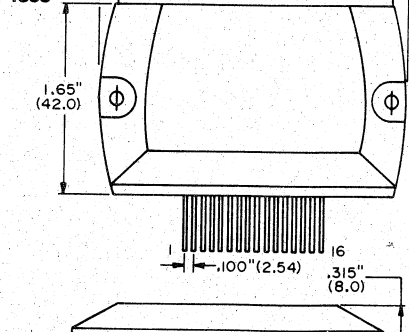
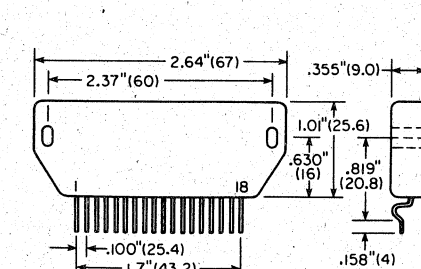


Fig. L75A

18-Pin SIP-M

ECG
1736



IC and Module Outlines (cont'd)

Fig. L75B

ECG
1737

18-Pin SIP-M

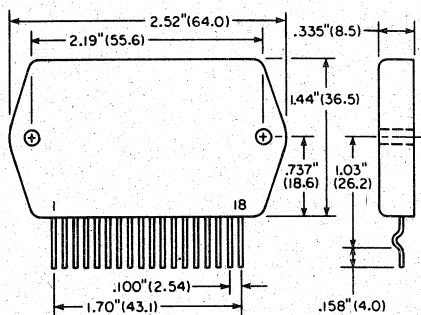


Fig. L76

ECG
1244

8-Pin SIP-HS

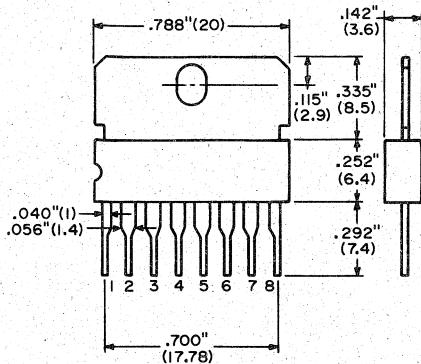


Fig. L76A

ECG
1684

7-Pin SIP-HS

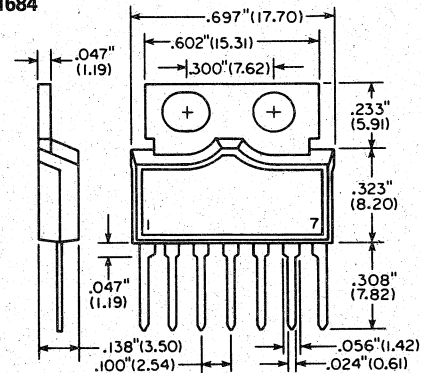


Fig. L77

ECG
1271
1423

8-Pin SIP-HS

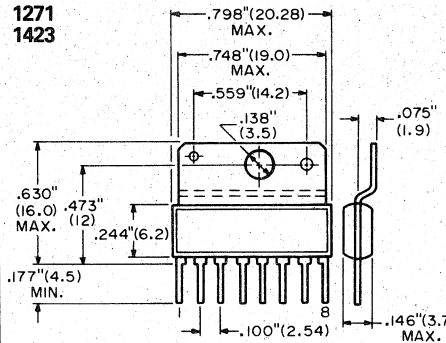


Fig. L78

ECG
1424

8-Pin SIP-HS

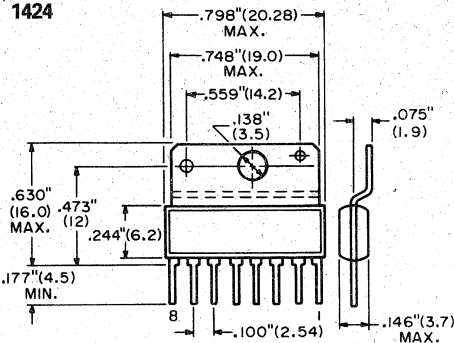


Fig. L79

ECG
1363
1365
1674

9-Pin SIP-HS

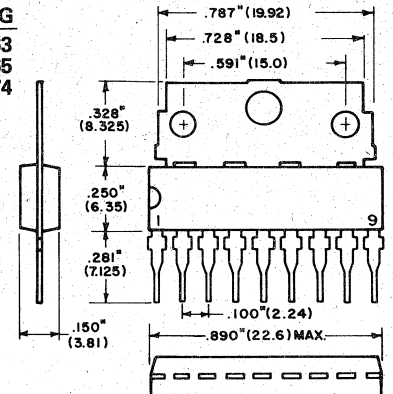


Fig. L80

ECG
1361
1362
1628

9-Pin SIP-HS

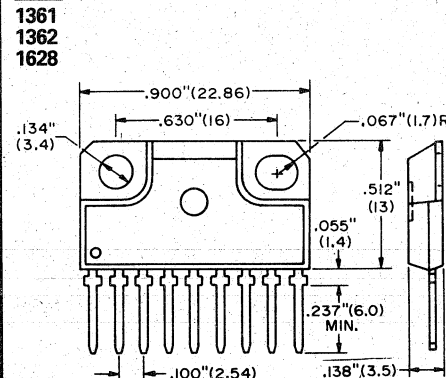


Fig. L81

ECG
1407

9-Pin SIP-HS

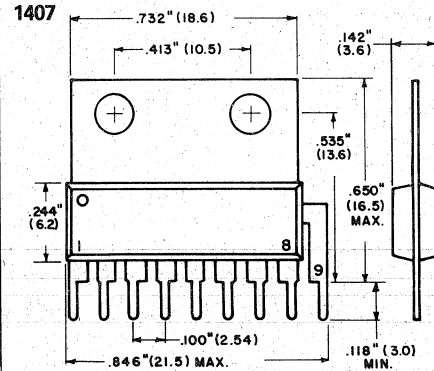


Fig. L81A

ECG
1566

9-Pin SIP-HS

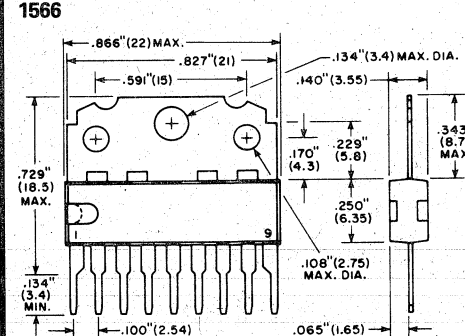


Fig. L81B

ECG
1567

9-Lead Formed SIP

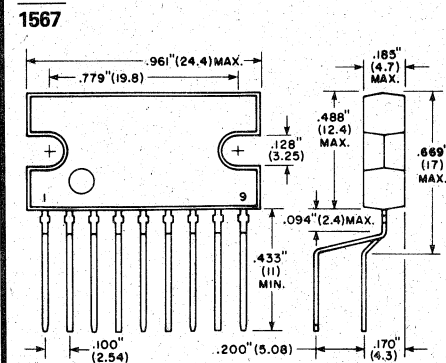


Fig. L82

ECG
1261
1284
1393

10-Pin SIP-HS

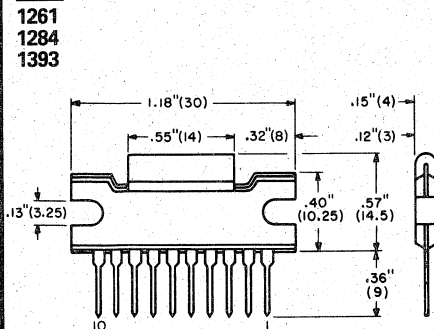
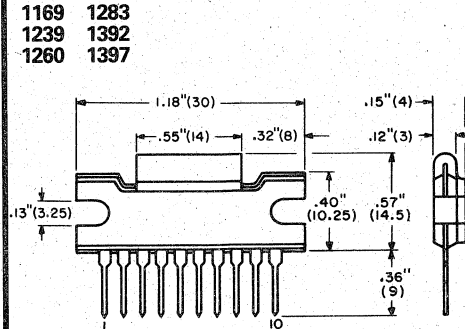


Fig. L83

ECG
1169
1239
1260
1283
1392
1397

10-Pin SIP-HS



IC and Module Outlines (cont'd)

Fig. L84

ECG
1256
1366

10-Pin SIP-HS

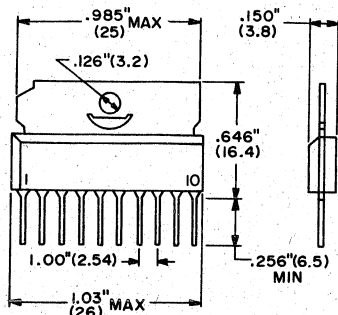


Fig. L85

ECG
1153
1155
1278
1387
1476

10-Pin SIP-HS

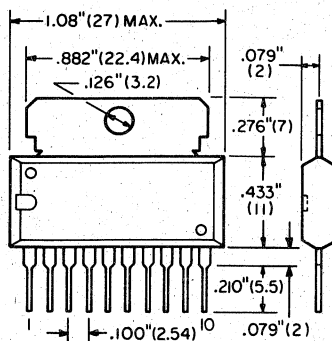


Fig. L86

ECG
1370
1478

10-Pin SIP-HS

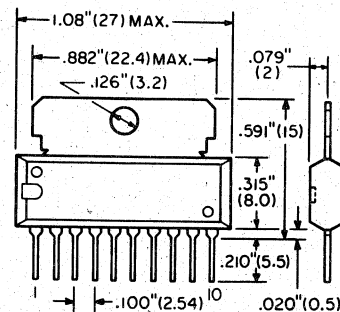


Fig. L87

ECG
1165
1166
1375
1716

10-Pin SIP-HS

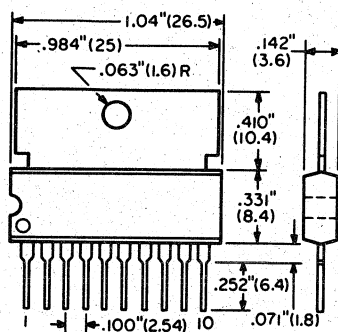


Fig. L88

ECG
1211
1384
1388
1685

10-Pin SIP-HS

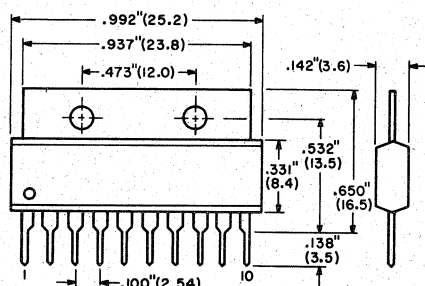
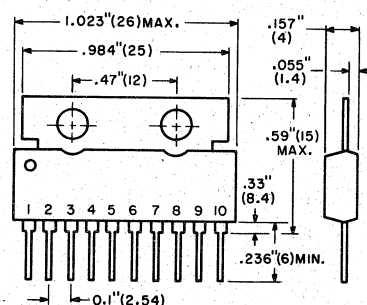


Fig. L89

ECG
1194
1245*

10-Pin SIP-HS



* Alt. Fig. L90

Fig. L90

ECG
1081A
1127
1160
1185
1275
1420

10-Pin SIP-HS

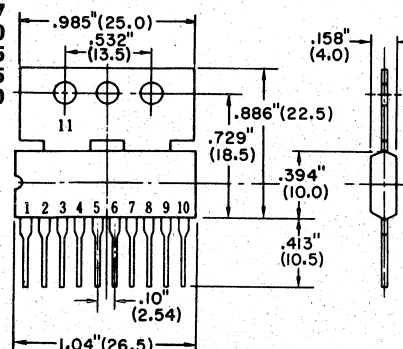


Fig. L91

ECG
1193
1386

12-Pin SIP-HS

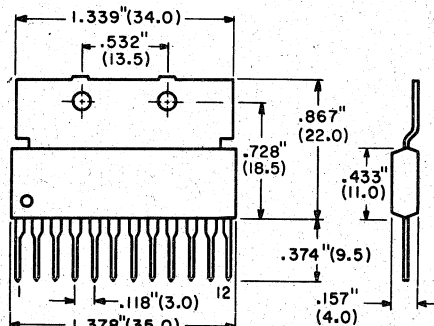


Fig. L92

ECG
1395
1398
1399
1602
1606

12-Pin SIP-HS

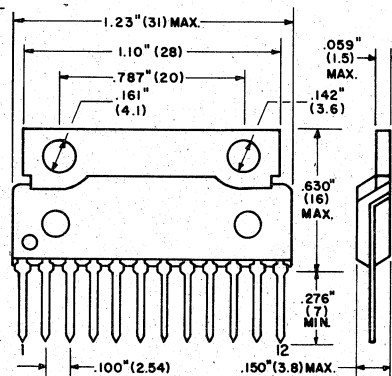


Fig. L93

ECG
1396

11-Pin SIP-HS

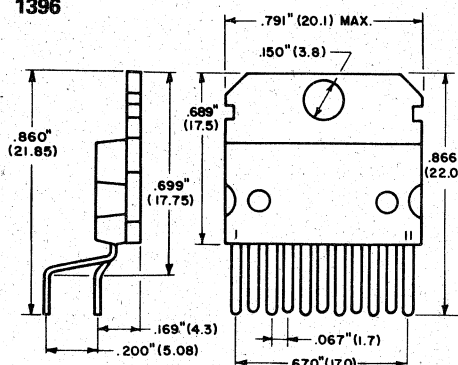


Fig. L93A

ECG
1681
1750

15-Pin SIP-HS

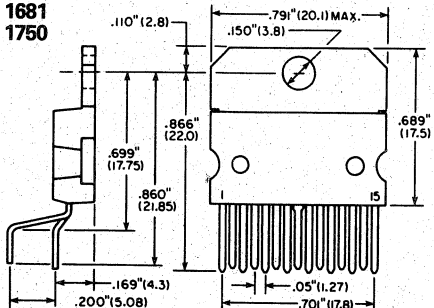
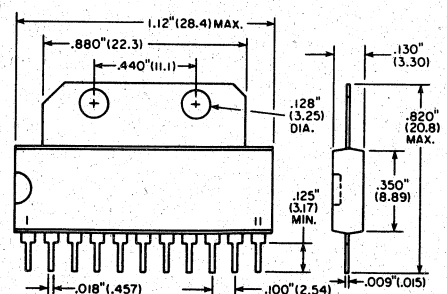


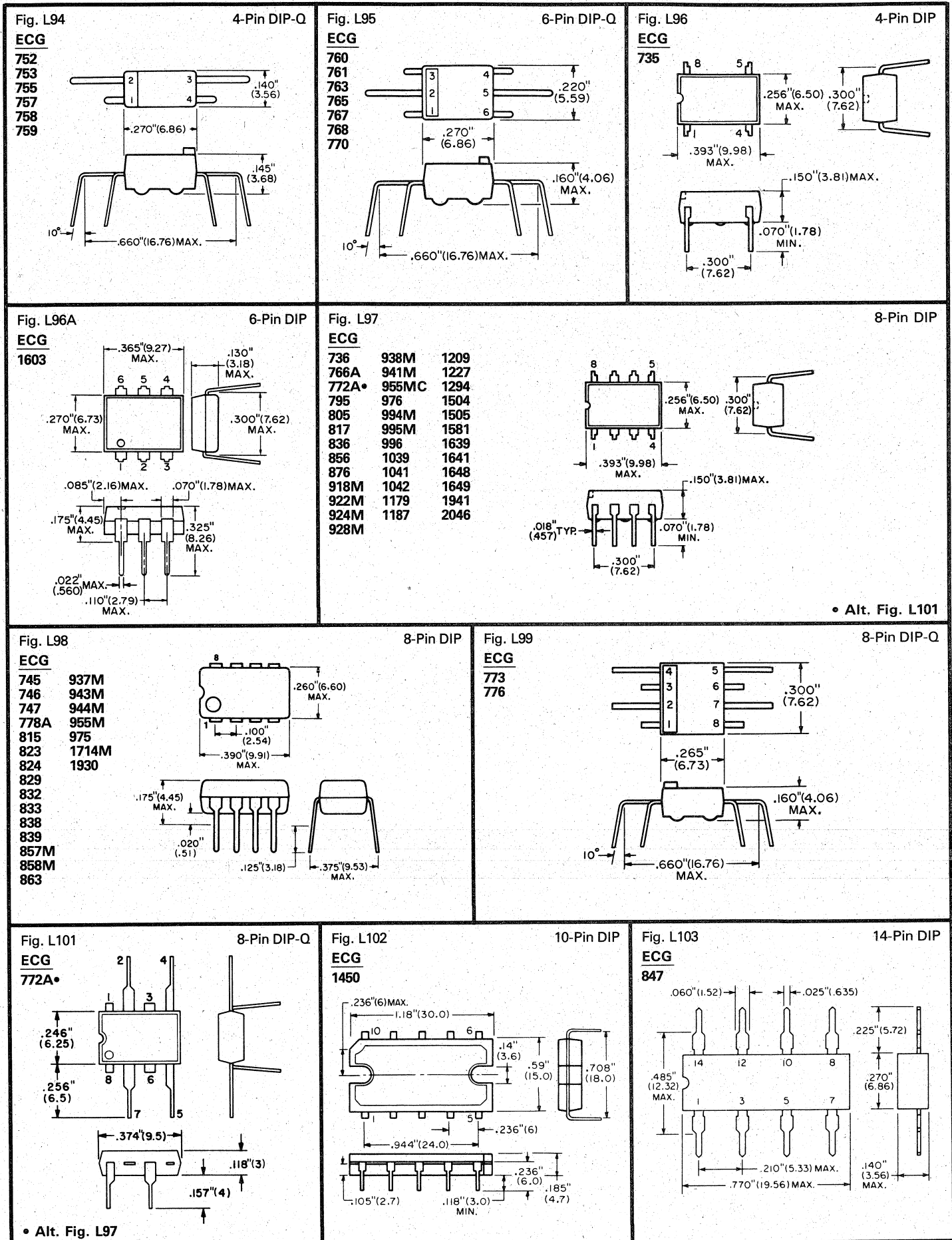
Fig. L93B

ECG
1687

11-Pin SIP-HS



IC and Module Outlines (cont'd)



IC and Module Outlines (cont'd)

Fig. L104

ECG

706	744	821	911D	979	1055	1142	1419	1616
708	748A	825	912	983	1056	1162	1432	1634
709	749	828	914	987	1057	1172	1436	1640
710	750	834	917	989	1061	1177	1442	1670
712	779A	849	919D	992	1062	1178	1443	1679
713	782	850	921	995	1074	1183	1451	1753
715	783	851	923D	997	1076	1186	1453	1763
718	790	852	927D	1003	1077	1221	1454	1764
719	793	855	941D	1005	1079	1226	1455	2800
720	798	859	942	1006	1080	1229	1456	
721	799	864	947D	1043	1094	1236	1480	
722	800	869	948	1045	1099	1287	1487	
723	801	872	973D	1046	1108	1292	1491	
725	804	908	974	1047	1112	1312	1571	
738	806	909D	978	1051	1122	1400	1575	
739	812	910D	978C	1054	1136	1415	1580	

14-Pin DIP

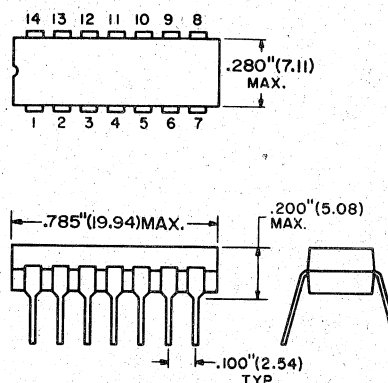
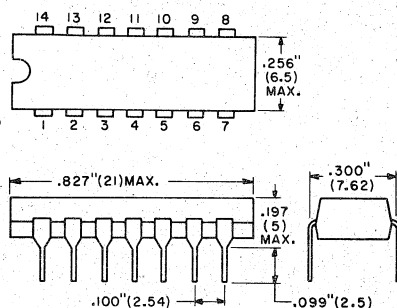


Fig. L105

ECG

1004
1109
1149
1206
1213
1237
1243
1308•
1418
1678

14-Pin DIP



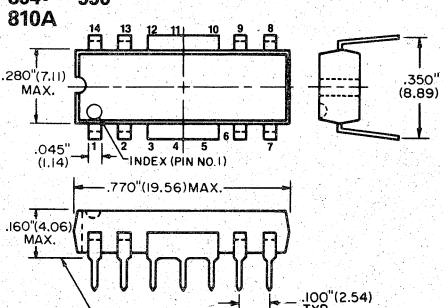
• Alt. Fig. L143

Fig. L106

ECG

740A 862
804• 990
810A

14-Pin DIP-W



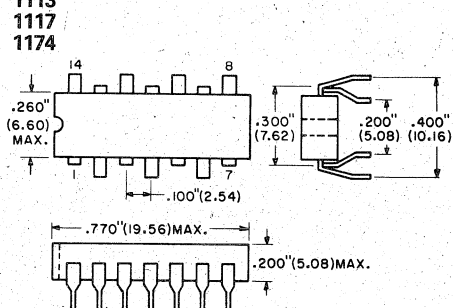
• Alt. Fig. L104, L132

Fig. L107

ECG

710•
1113
1117
1174

14-Pin DIP-Q



• Alt. Fig. L104

Fig. L108

ECG

1078

14-Pin DIP

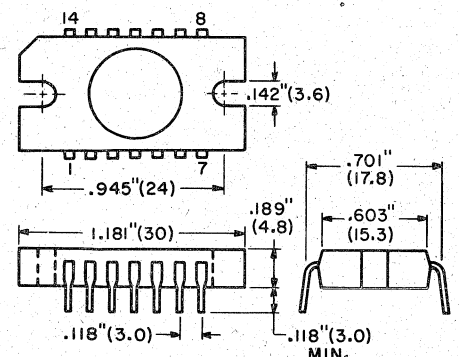


Fig. L109

ECG

1444

16-Pin DIP

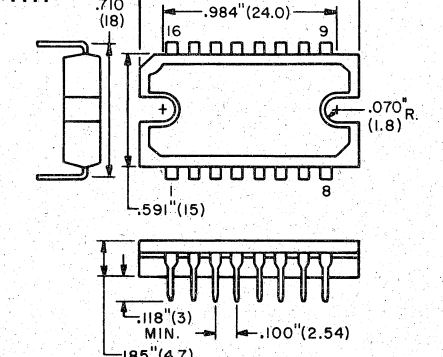


Fig. L110

ECG

1083

16-Pin (Dual 8)

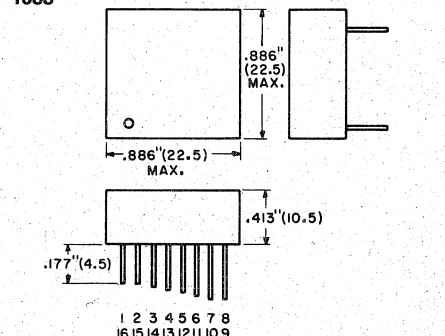
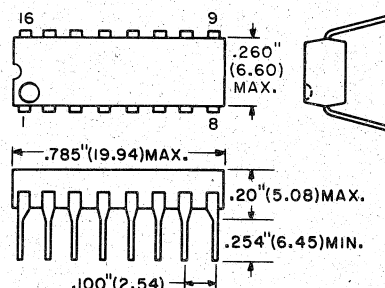


Fig. L111

ECG

714	870	1070	1215	1403	1514	1563	1662
727	916	1071	1216	1413	1515	1564	1672
731	926	1072	1217	1425	1519	1565	1677
743	929	1073	1225	1441	1534	1574	1690
787	936	1121	1230	1447	1538	1576	1693
788	939	1123	1231A•	1460	1540	1577	1725
791	980	1158	1233	1484	1542	1578	1729
808	982	1159	1242	1488	1543	1579	1731
809	984	1163	1250	1489	1544	1593	1739
818	993	1164	1264	1490	1545	1611	1749
820	1060	1167	1266	1492	1555	1623	1758
822	1064	1168	1267	1494	1556	1624	1759
831	1065	1181	1272	1496	1557	1651	1760
853	1066	1182	1290	1506	1559	1652	1761
865	1067	1184	1298	1507	1560	1654	1762
866	1068	1214	1401	1513	1562	1655	2045

16-Pin DIP



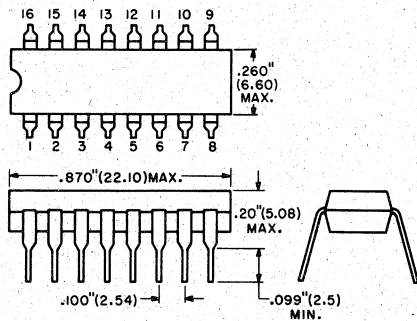
• Pins 4 & 5, 12 & 13 webbed together

IC and Module Outlines (cont'd)

Fig. L112

ECG

700 1069 1446
701 1084 1482
702 1086 1568
792 1091 1573
794 1106 1703
802 1124 1720
803 1130 1721
835 1131 1723
840 1133 2047
841 1134
842 1173
843 1200
861 1205
991 1248
1022 1263
1049 1408

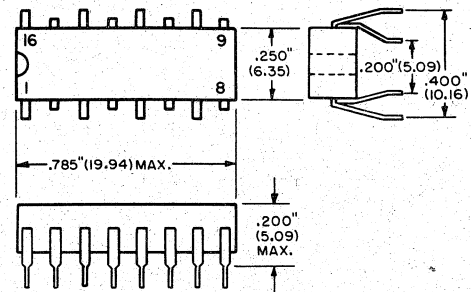


16-Pin DIP

Fig. L113

ECG

728
729
789
797

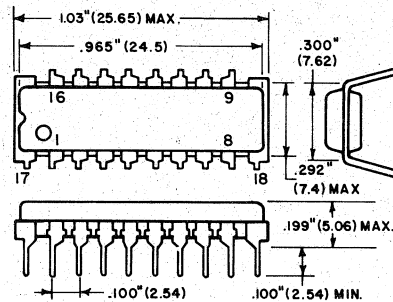


16-Pin DIP-Q

Fig. L114

ECG

1296
1471
1486
1527
1550
1583
1585
1597
1600
1686

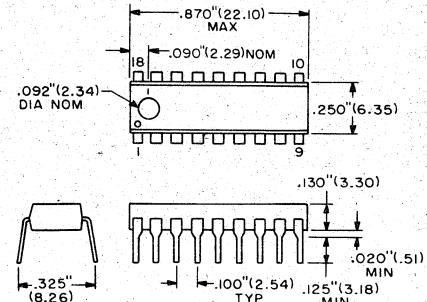


16+2-Pin DIP-ET

Fig. L115

ECG

826 1700
846 1702
860 1713
867 1715
1295 1722
1314 1727
1508 1752
1509 1755
1539 1756
1549 1757
1558 2203
1632 2207
1683
1689
1691
1692

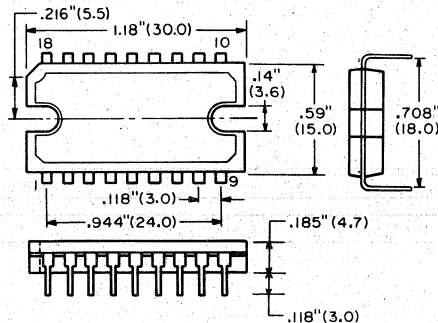


18-Pin DIP

Fig. L116

ECG

1265
1367
1383

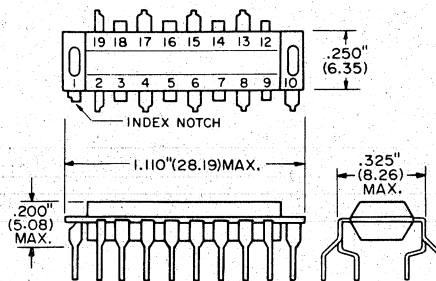


18-Pin DIP

Fig. L117

ECG

730

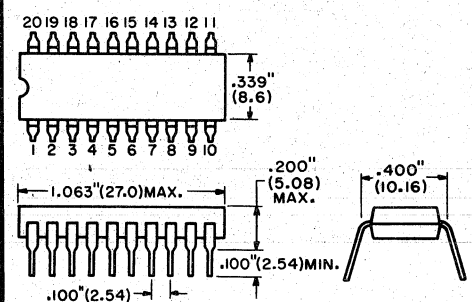


16+2-Pin DIP-Q

Fig. L118

ECG

1089 1536
1475 1595

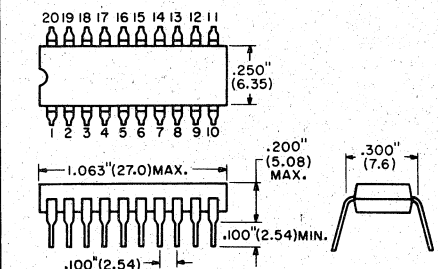


20-Pin DIP

Fig. L118A

ECG

1633
2053

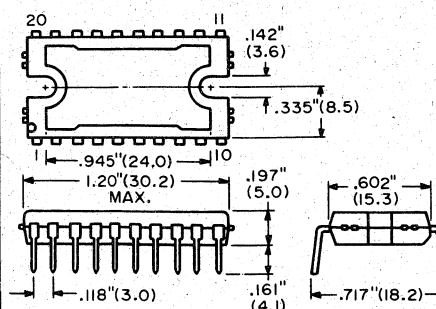


20-Pin DIP

Fig. L119

ECG

1273 1379
1372

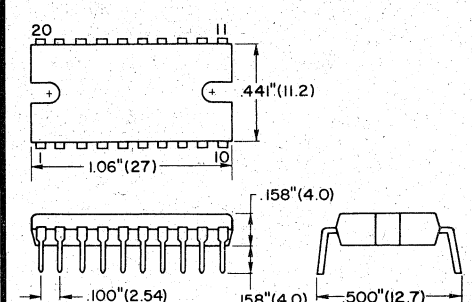


20-Pin DIP

Fig. L119A

ECG

1675



20-Pin DIP

IC and Module Outlines (cont'd)

Fig. L120

ECG
1382

20-Pin DIP (18 Pins)

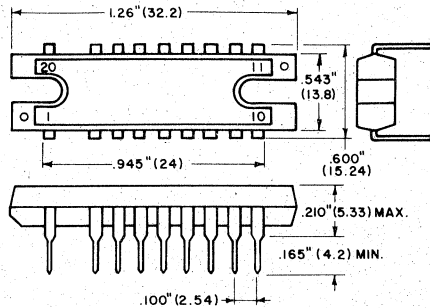


Fig. L121

ECG
1253
1297
1405
1430
1445
1483
1528
1636
1664
1669
1710
1712
1744

22-Pin DIP

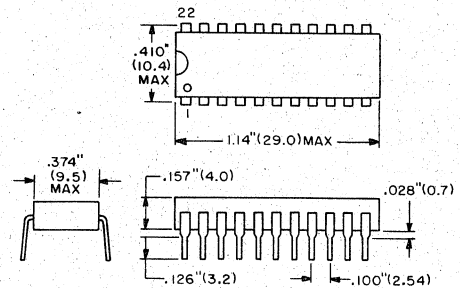


Fig. L122

ECG

845 1437
868 1469
986 1520
1196 1535
1198 1552
1199 1570
1254 1572
1299 1621
1402 1726
1409 2055
1412 6860
1417

24-Pin DIP

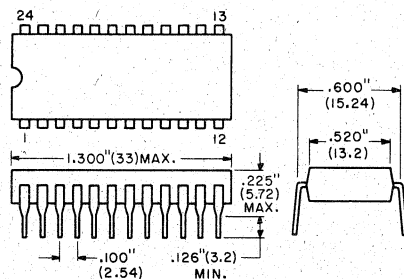


Fig. L122A

ECG

1270
1587
1613
1630

24-Pin DIP

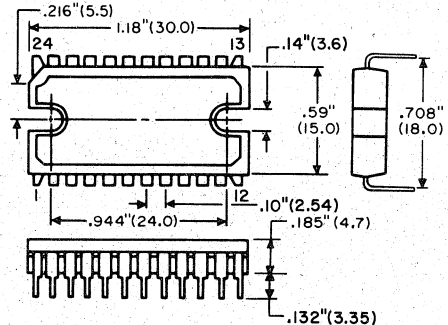


Fig. L123

ECG
854

24-Pin DIP

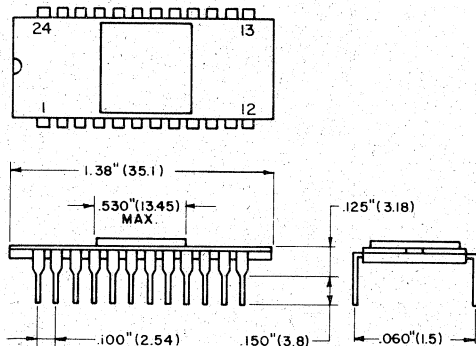


Fig. L124

ECG

813 1532
844 1589
873 1591
874 1650
875 1673
878 1701
1161 1706
1189 1738
1268 1746
1269 1747
1410 2062
1411 2200
1416 2201
1428 2202
1440 2204
1473 2205
1526 2206

28-Pin DIP

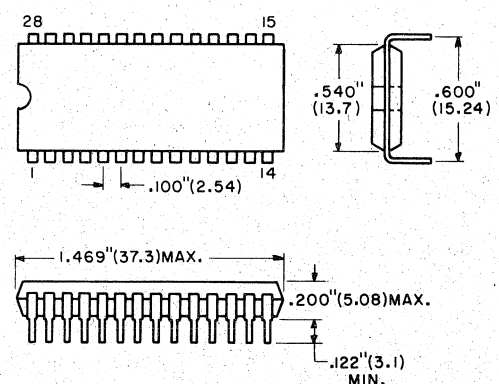


Fig. L124A

ECG
2052

28-Pin DIP

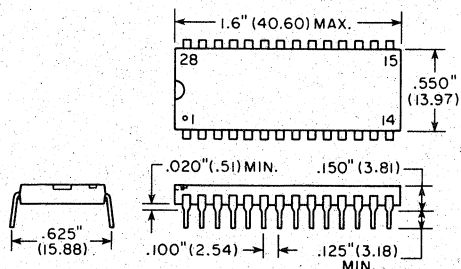
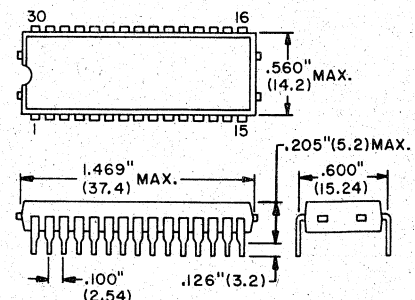


Fig. L124B

ECG

1617
1653
1656

30-Pin DIP



IC and Module Outlines (cont'd)

Fig. L124C

ECG
1728

30-Pin DIP

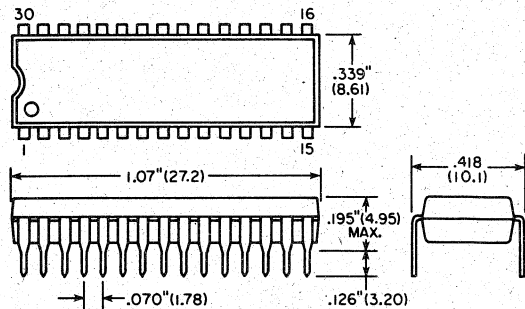


Fig. L125

ECG
1414
2049

40-Pin DIP

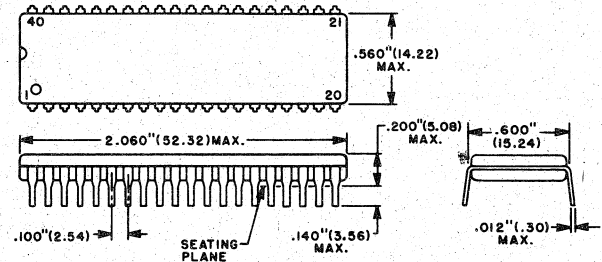


Fig. L126

ECG
1537
1547
1665
1671

42-Pin DIP

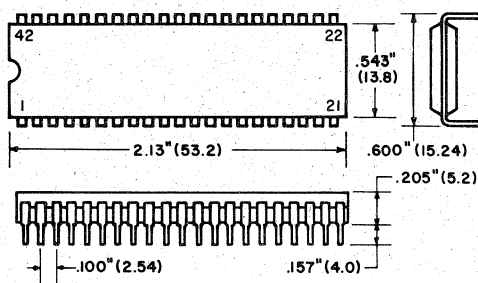


Fig. L127

ECG
1009
1010
1011
1150

8-Pin DIP-W

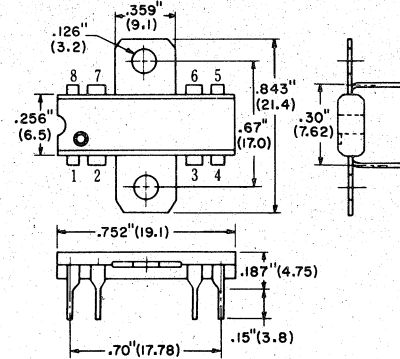


Fig. L128

ECG
1259

10-Pin DIP-W

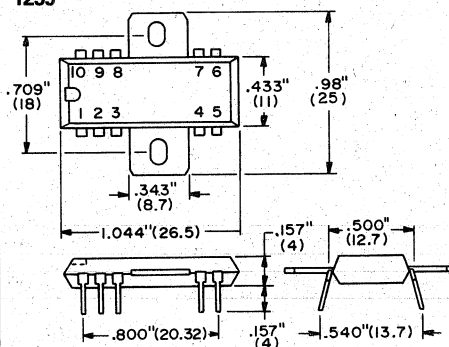


Fig. L129

ECG
1031
1032
1033
1035
1036
1238

12-Pin DIP-W

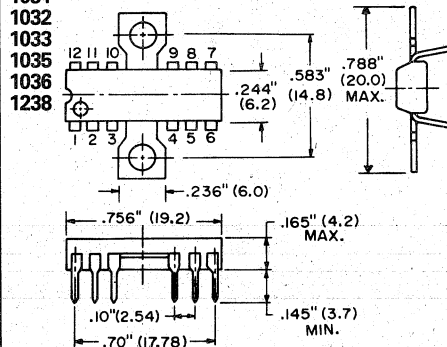


Fig. L130

ECG
1115
1554

12-Pin DIP-W

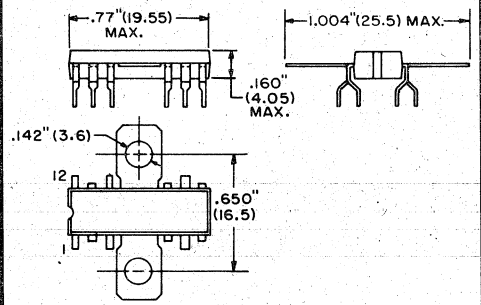


Fig. L131

ECG
1115A 1231
1116 1289

12-Pin DIP-QW

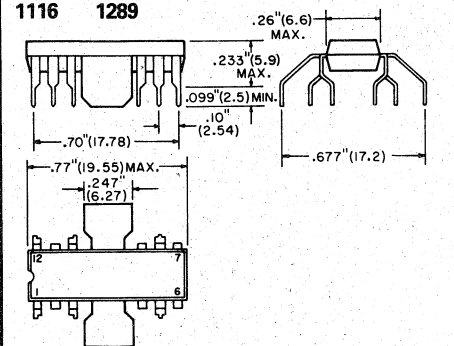


Fig. L132

ECG
804

14-Pin DIP-W

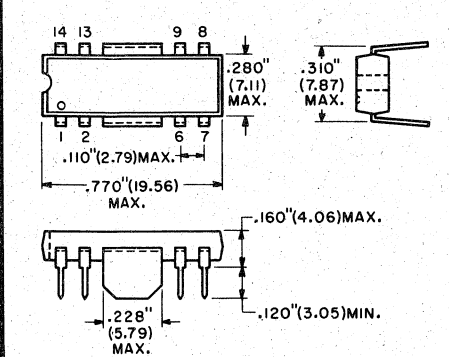
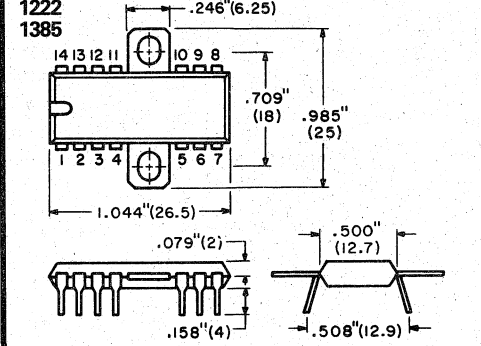


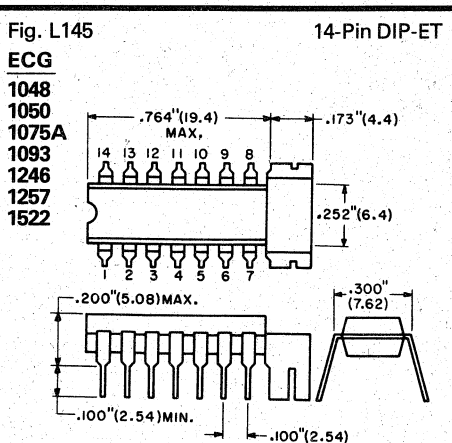
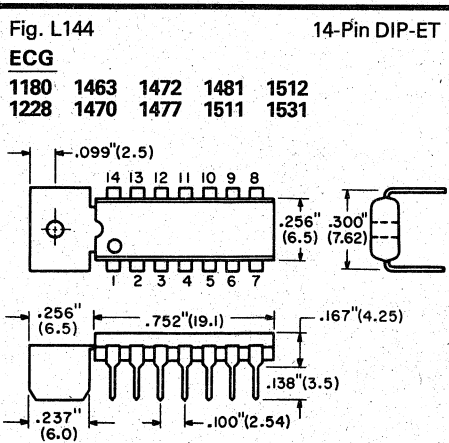
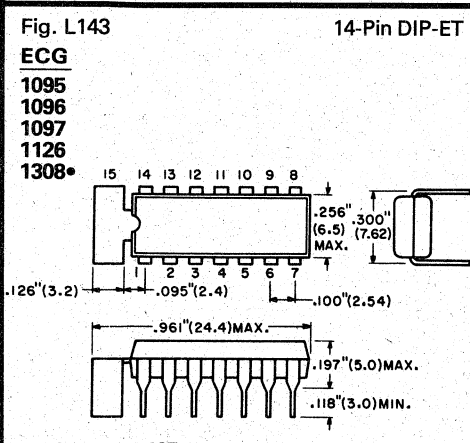
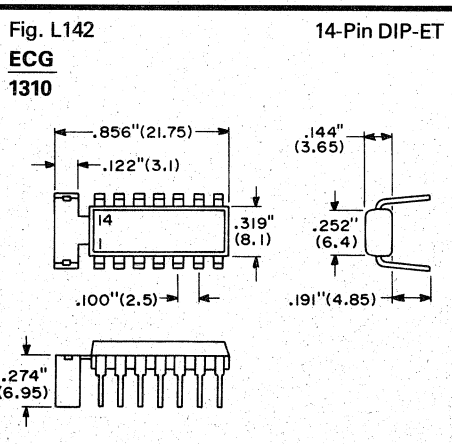
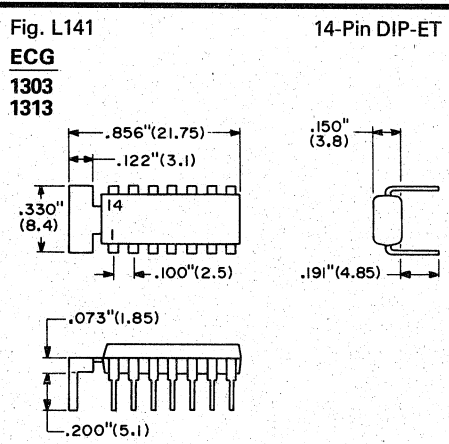
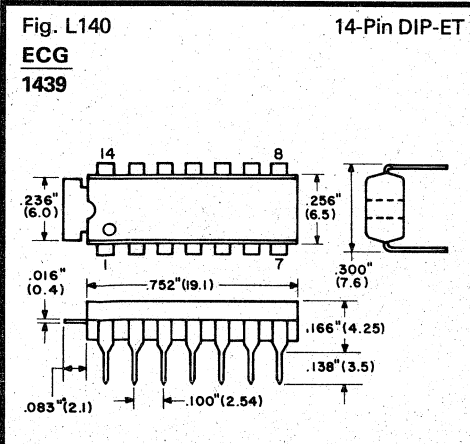
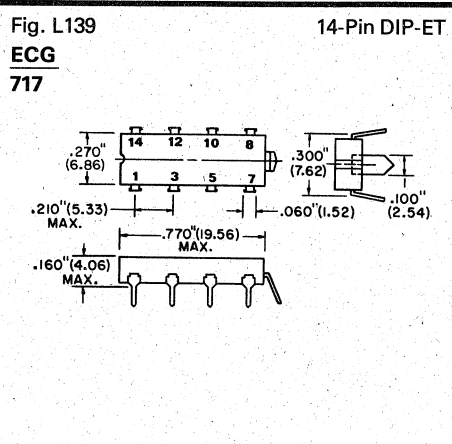
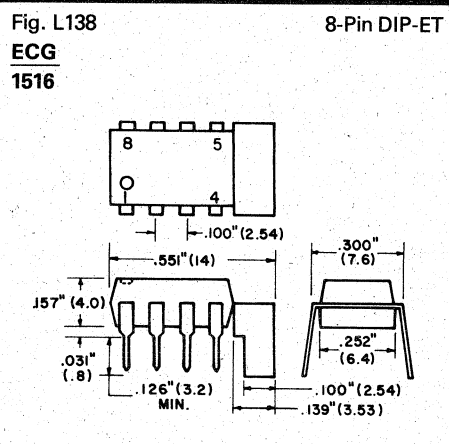
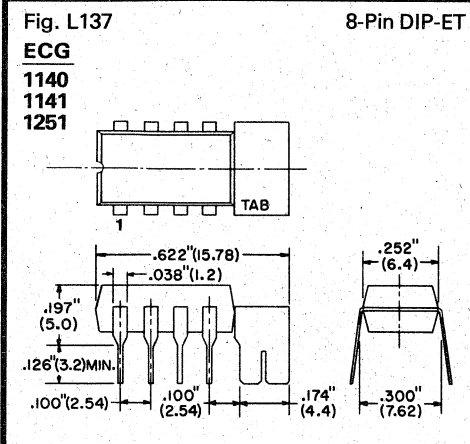
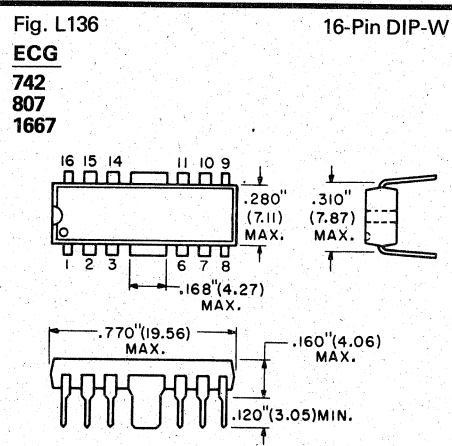
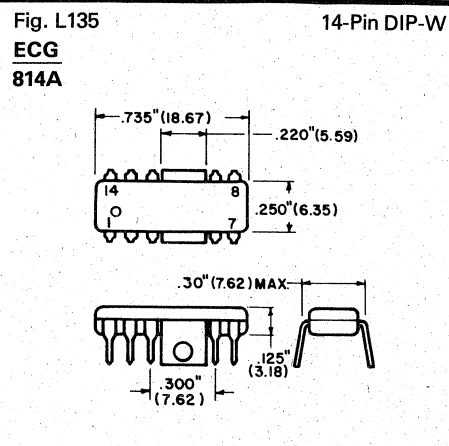
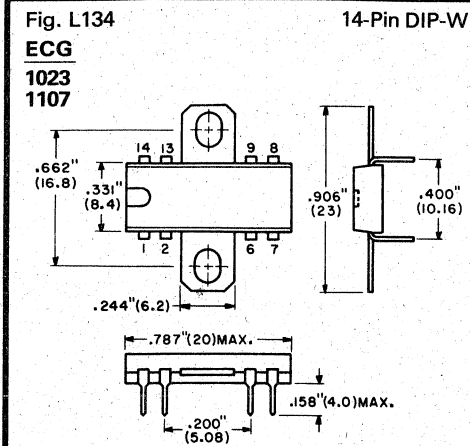
Fig. L133

ECG
1154
1222
1385

14-Pin DIP-W



IC and Module Outlines (cont'd)



* Alt. Fig. L105

IC and Module Outlines (cont'd)

Fig. L146

ECG

1530

14-Pin DIP-ET

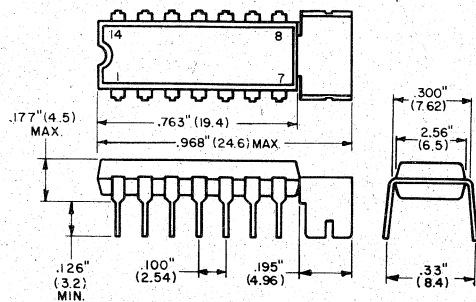


Fig. L147

ECG

1381

14-Pin DIP-ET

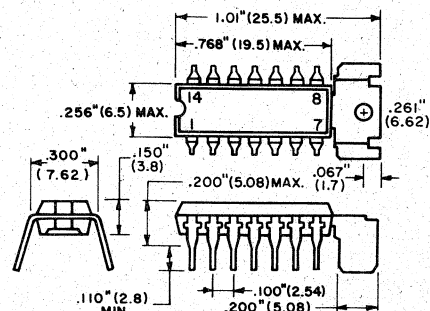


Fig. L148

ECG

1258

14-Pin DIP-ET

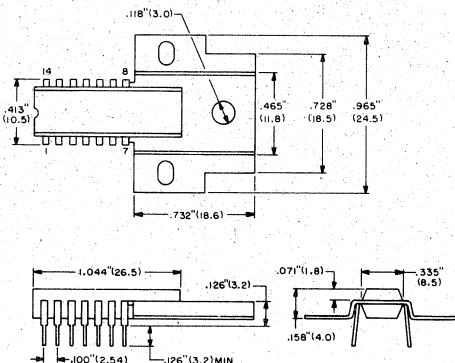


Fig. L149

ECG

1110

16-Pin DIP-ET

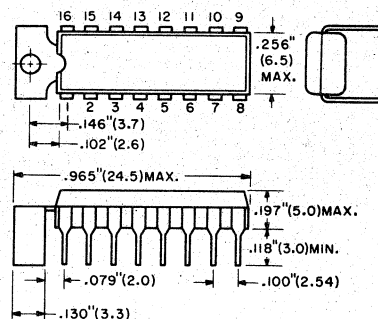


Fig. L150

ECG

1156

16-Pin DIP-ET

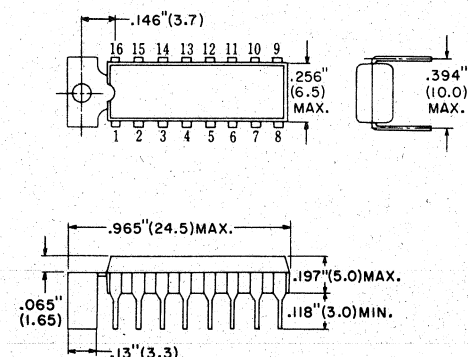


Fig. L150A

ECG

1661

16-Pin DIP-ET

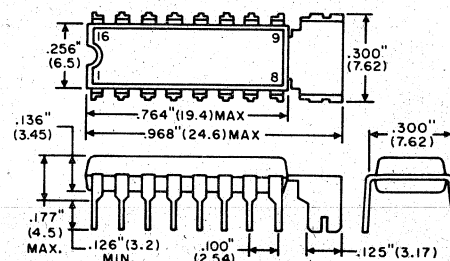


Fig. L151

ECG

1404

1500

1501

1551

1663

16-Pin DIP-ET

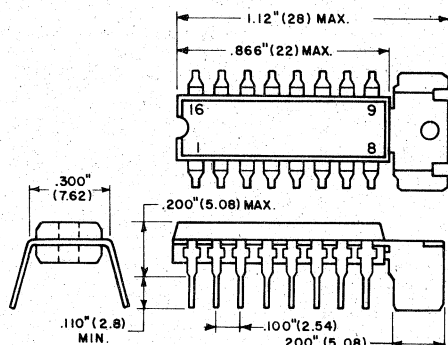


Fig. L152

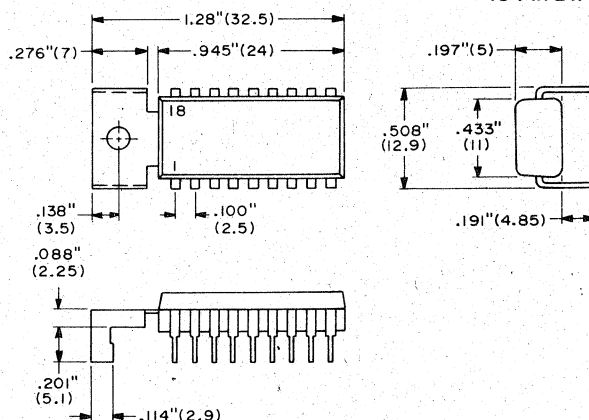
ECG

1311

1584

1599

18-Pin DIP-ET



IC and Module Outlines (cont'd)

Fig. L153

ECG

1304 1590
1305 1592
1306 1594
1307 1596
1582 1598
1586 1601
1588 1605

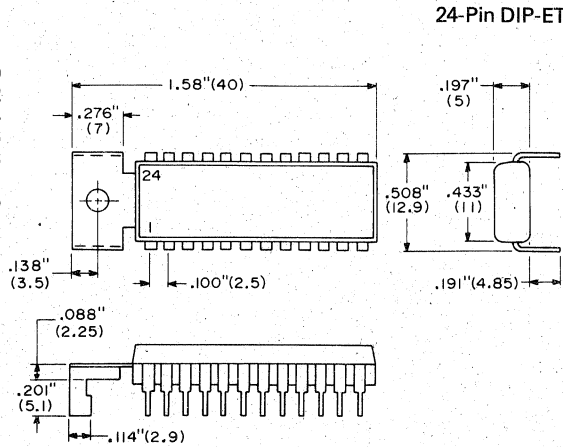


Fig. L154

ECG

1422
1622

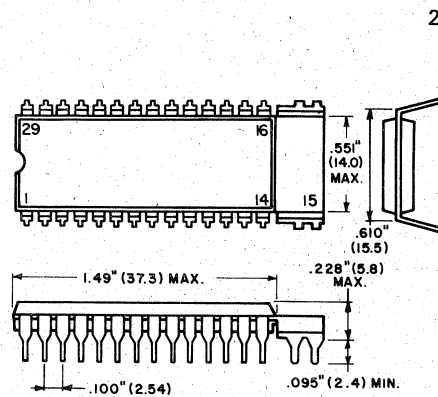


Fig. L155

ECG

1029
1037

10-Pin DIP-HS

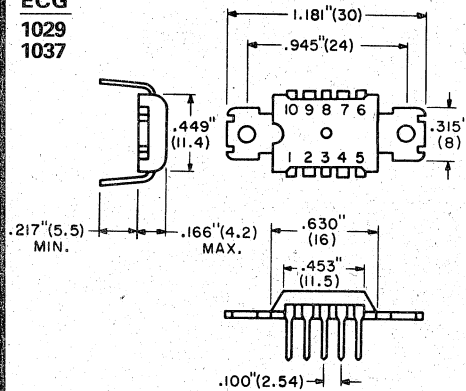


Fig. L156

ECG

1038

10-Pin DIP-HS

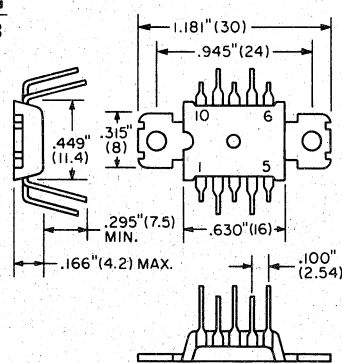


Fig. L157

ECG

1111
1118

14-Pin DIP-Q-HS

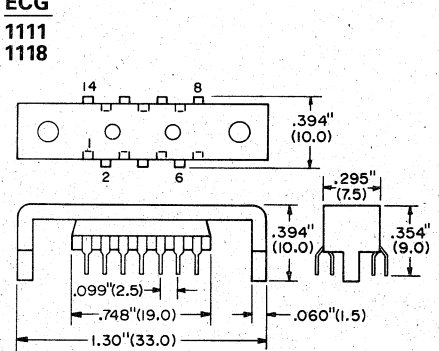


Fig. L158

ECG

1175

16-Pin DIP-HS

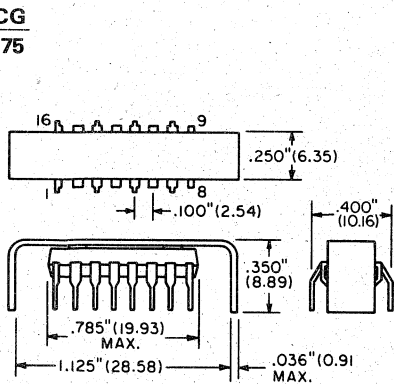
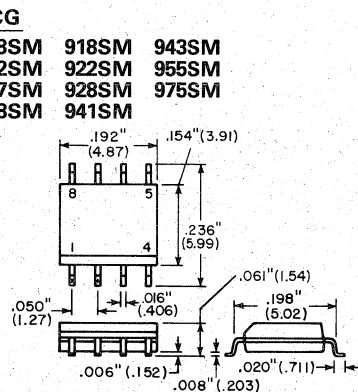


Fig. L159

ECG

778SM 918SM 943SM
832SM 922SM 955SM
857SM 928SM 975SM
858SM 941SM

8-Pin SOIC



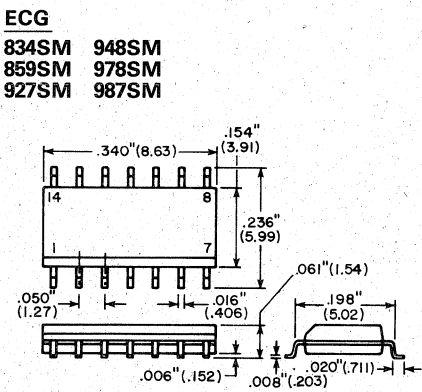
Note: Pin 1 on beveled edge

Fig. L160

ECG

834SM 948SM
859SM 978SM
927SM 987SM

14-Pin SOIC



Note: Pin 1 on beveled edge

Digital Integrated Circuits

CMOS Selector Guide

ECG No.	Description	ECG No.	Description
• Analog Switches and Analog Multiplexers/ Demultiplexers		Other	
ECG4016B	Quad Bilateral Switch	ECG74C925	4-Digit Counter with Multiplexed 7-Segment Output Driver
ECG4051B	Single 8-Channel Multiplexer	ECG4018B	Presetable Divide-By-“N” Counter
ECG4052B	Differential Dual 4-Channel Multiplexer	ECG4022B	Counter/Divider
ECG4053B	Triple 2-Channel Analog Multiplexer/Demultiplexer	ECG4089B	Binary Rate Multiplier
ECG4066B	Quad Bilateral Switch	ECG4510B	Presetable BCD Up/Down Counter
ECG4067B	16-Channel Multiplexer/Demultiplexer	ECG4518B	Dual BCD Up Counter
ECG4097B	Differential 8-Channel Multiplexer/Demultiplexer	ECG4522B	BCD-Programmable Divide-By-“N”, 4-Bit Counter
ECG4529B	Single 8-Channel or Dual 4-Channel Analog Data Selector	ECG4527B	BCD Multiplier
ECG4539B	Dual 4-Channel Data Selector/Multiplexer	ECG4553B	3-Digit BCD Counter
ECG4551B	Quad 2-Input Analog Multiplexer/Demultiplexer	ECG4568B	Phase Comparator and Programmable Counter
• Arithmetic Functions/Digital Comparators		ECG4569B	Programmable Divide-By-“N” Dual 4-Bit BCD/Binary Counter
ECG74C85	4-Bit Magnitude Comparator	• Decoders	
ECG4008B	4-Bit Full Adder	Decoders/Display Drivers	
ECG4032B	Triple Serial Adder (Positive Logic)	ECG4026B	Decade Counter/Divider/Decoder for 7-Segment Display
ECG4038B	Triple Serial Adder (Negative Logic)	ECG4033B	HV Counter/Divider, Decoded 7-Segment Display Output
ECG4063B	4-Bit Magnitude Comparator	ECG4055B	BCD-to-7-Segment Decoder/Driver
ECG4585B	4-Bit Magnitude Comparator	ECG4056B	BCD-to-7-Segment Decoder/Driver with Strobed Latch
ECG40085B	4-Bit Magnitude Comparator	ECG4511B	BCD-to-7-Segment Latch Decoder/Driver
• Buffers		ECG4513B	BCD-to-7-Segment Latch/Decoder/Driver with Ripple Blank-ing
Inverters and Inverting Buffers		ECG4543B	BCD-7-Segment Latch/Decoder/Driver for LCD
ECG74C04	Hex Inverter	ECG4547B	BCD-7-Segment Latch/Decoder/Driver, Hi Current
ECG74C901	Hex Inverting CMOS to TTL Interface Buffer	Decoders/Multiplexers/Demultiplexers	
ECG74C903	Hex Inverting PMOS to CMOS/TTL Interface Buffer	ECG74C42	BCD-to-Decimal Decoder
ECG4049	Hex Buffer/Converter (Inverting)	ECG74C48	BCD-to-7-Segment Decoder
ECG4069	Hex Inverter	ECG74C151	8-Channel Digital Multiplexer
ECG4502B	Strobed Hex Inverter/Buffer (3-State Output)	ECG74C154	4-Line-to-16-Line Decoder/Demultiplexer
ECG40098B	Hex 3-State Inverting Buffer	ECG74C157	Quad 2-Input Multiplexer
Non-Inverting Buffers		ECG4028B	BCD-to-Decimal Decoder
ECG74C902	Hex Non-Inverting CMOS to TTL Interface Buffer	ECG4512B	8-Input Multiplexer (3-State Output)
ECG74C904	Hex Non-Inverting PMOS to CMOS/TTL Interface Buffer	ECG4514B	4-Bit Latch/4-to-16-Line Decoder
ECG4050B	Hex Buffer/Converter	ECG4515B	4-Bit Latch/4-to-16-Line Decoder
ECG40097B	Hex 3-State Non-Inverting Buffer	ECG4555B	Dual Binary to 1-of-4 Decoder/Demultiplexer (High-On-Select)
• Counters		ECG4556B	Dual Binary to 1-of-4 Decoder/Demultiplexer (Low-On-Select)
Binary		ECG4558B	BCD-to-7-Segment Decoder
ECG74C93	4-Bit Binary Counter	• Flip-Flops	
ECG74C161	Binary Counter with Asynchronous Clear	ECG74C73	Dual J-K Flip-Flop with Clear
ECG74C193	Synchronous 4-Bit Up/Down Binary Counter	ECG74C74	Dual “D” Flip-Flop
ECG4020B	14-Stage Binary/Ripple Counter	ECG74C76	Dual J-K Flip-Flop with Clear and Preset
ECG4024B	7-Stage Binary Counter	ECG74C107	Dual J-K Flip-Flop with Clear
ECG4029B	Presetable Up/Down Counter	ECG74C173	Quad “D” Flip-Flop
ECG4040B	12-Stage Binary/Ripple Counter	ECG74C174	Hex “D” Flip-Flop
ECG4045B	21-Stage Counter	ECG74C175	Quad “D” Flip-Flop
ECG4060B	14-Stage Ripple/Carry Binary Counter/Divider and Oscillator	ECG74C374	Octal “D” Flip-Flop with Common Enable, 3-State Output
ECG4516B	Presetable Binary Up/Down Counter	ECG4013B	Dual “D” Flip-Flop with Set/Reset
ECG4520B	Dual Binary Up Counter	ECG4027B	Dual J-K M/S Flip-Flop
ECG4526B	Programmable Divide-By-“N”, 4-Bit Binary Counter	ECG4095B	Gated J-K Flip-Flop with Non-Inverting J and K Inputs
ECG40161B	4-Bit Binary Asynchronous Reset Counter	ECG4096B	Gated J-K Flip-Flop with Inverting and Non-Inverting J and K Inputs
ECG40163B	4-Bit Binary Synchronous Reset Counter	ECG40174B	Hex “D” Flip-Flop
ECG40193B	4-Bit Up/Down Synchronous Binary Counter	ECG40175B	Quad “D” Flip-Flop
Decade			
ECG74C90	4-Bit Decade Counter		
ECG74C192	Synchronous 4-Bit Up/Down Decade Counter		
ECG4017B	Decade Counter/Divider		
ECG40160B	4-Bit Decade Asynchronous Reset Counter		
ECG40162B	4-Bit Decade Synchronous Reset Counter		
ECG40192B	Synchronous 4-Bit Up/Down Decade Counter		

CMOS Selector Guide (cont'd)

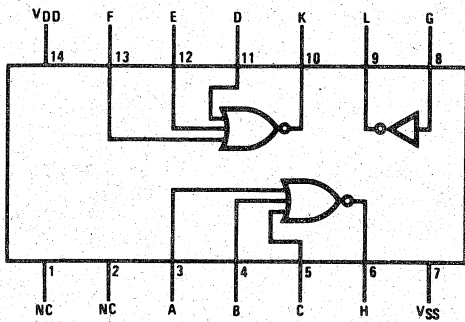
ECG No.	Description	ECG No.	Description
● Gates		● Registers	
AND		Latches and Registers	
ECG74C08	Quad 2-Input AND Gate	ECG74C373	Octal "D" Transparent Latch, 3-State Output
ECG4073B	Triple 3-Input AND Gate	ECG4042B	Quad-Clocked "D" Latch
ECG4081B	Quad 2-Input AND Gate	ECG4043B	Quad 3-State R/S Latch (NOR)
ECG4082B	Dual 4-Input AND Gate	ECG4044B	Quad 3-State R/S Latch (NAND)
NAND		ECG4076B	4-Bit "D" Type Register (3-State Output)
ECG74C00	Quad 2-Input NAND Gate	ECG4099B	8-Bit Addressable Latch
ECG74C10	Triple 3-Input NAND Gate	ECG4508B	Dual 4-Bit Latch
ECG74C20	Dual 4-Input NAND Gate	ECG4597B	8-Bit Bus Compatible 3-State Latch with Internal Counter
ECG74C30	8-Input NAND Gate	ECG4598B	8-Bit Bus Compatible 3-State Latch with Binary Address Decoder
ECG4011B	Quad 2-Input NAND Gate	Shift	
ECG4012B	Dual 4-Input NAND Gate	ECG74C95	4-Bit Right-Shift Left-Shift Register
ECG4023B	Triple 3-Input NAND Gate	ECG74C164	8-Bit Parallel-Out Serial Shift Register
ECG4068B	8-Input NAND Gate	ECG4006B	18-Stage Static Shift Register
NOR		ECG4014B	8-Stage Static Shift Register
ECG74C02	Quad 2-Input NOR Gate	ECG4015B	Dual 4-Stage Static-Shift Register
ECG4000	Dual 3-Input NOR Gate	ECG4021B	8-Stage Serial to Parallel Shift Register
ECG4001B	Quad 2-Input NOR Gate	ECG4031B	64-Stage Static Shift Register
ECG4002B	Dual 4-Input NOR Gate	ECG4034B	8-Stage Static Bidirectional Parallel/Serial Input/Output Bus Register
ECG4025B	Triple 3-Input NOR Gate	ECG4035B	4-Stage Parallel In/Parallel Out Shift Register
ECG4078B	8-Input NOR Gate	ECG4094B	8-Stage Shift and Store Register (3-State Output)
Exclusive OR		ECG4517B	Dual 64-Bit Static Shift Register
ECG4030B	Quad 2-Input Exclusive OR Gate	ECG4562B	128-Bit Static Shift Register
ECG4070B	Quad 2-Input Exclusive OR Gate	ECG40100B	32-Stage Static Left/Right Shift Register
OR		ECG40194B	4-Bit Right/Left Shift Register
ECG74C32	Quad 2-Input OR Gate	ECG40195B	4-Bit Shift Register
ECG4071B	Quad 2-Input OR Gate	● Schmitt Triggers	
ECG4072B	Dual 4-Input OR Gate	ECG74C14	Hex Schmitt Trigger
ECG4075B	Triple 3-Input OR Gate	ECG4093B	Quad 2-Input NAND Schmitt Trigger
● Keyboard Encoders		ECG4583B	Dual Schmitt Trigger
ECG74C922	16-Key Keyboard Encoder with 3-State Output	ECG40106B	Hex Schmitt Trigger
ECG74C923	20-Key Keyboard Encoder with 3-State Output	● Special Functions	
● Line Drivers and Line Receivers		ECG4007	Dual Complementary Pair with Inverter
ECG74C240	Octal Buffer/Line Driver with Inverting 3-State Outputs	ECG4019B	Quad AND/OR Select Gate
ECG74C244	Octal Buffer/Line Driver with Non-Inverting 3-State Outputs	ECG4041	HV Quad True/Complement Buffer
● Multivibrators/One Shots/PLLs		ECG4048B	HV Multifunction Expandable 8-Input Gate (3-State Output)
ECG74C221	Dual Monostable Multivibrator	ECG4077B	Quad Exclusive NOR Gate
ECG4046B	Phase Locked Loop	ECG4085B	Dual 2-Wide 2-Input AND/OR Gate
ECG4047B	Monostable/Astable Multivibrator	ECG4086B	Expandable 4-Wide 2-Input AND/OR Invert Gate
ECG4098B	Dual Monostable Multivibrator	ECG4501	Dual 4-Input NAND, 2-Input OR/NOR, 8-Input AND/NAND Multifunction Gate
ECG4521B	24-Stage Frequency Divider	ECG4506	Dual Expandable AND/OR/Invert Gate
ECG4528B	Dual Monostable Multivibrator	ECG4531B	12-Bit Parity Tree
ECG4536B	Programmable Timer	ECG4532B	8-Bit Priority Encoder
ECG4541B	Programmable Oscillator/Timer	ECG4582B	Look-Ahead Carry Block (Use ECG40182B for Replacement)
ECG4566B	Industrial Time Base Generator	ECG40182B	Look-Ahead Carry Generator

CMOS (74C and 80C Series CMOS included with TTL starting on Page 1-342)

ECG4000

14-Pin DIP See Fig. D6

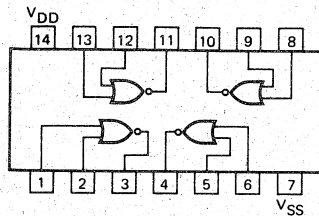
Dual 3-Input NOR Gate Plus Inverter,
 $V_{DD}=3\text{ V to }15\text{ V}$



ECG4001B

14-Pin DIP See Fig. D6

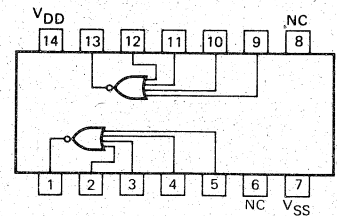
Quad 2-Input NOR Gate,
 $V_{DD}=3\text{ V to }15\text{ V}$



ECG4002B

14-Pin DIP See Fig. D6

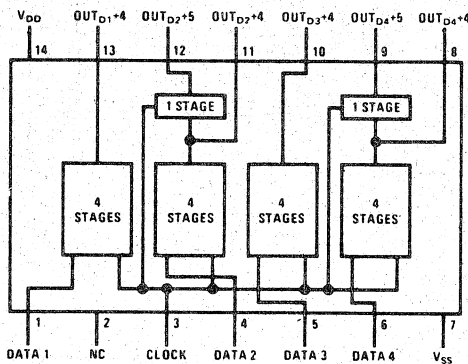
Dual 4-Input NOR Gate,
 $V_{DD}=3\text{ V to }15\text{ V}$



ECG4006B

14-Pin DIP See Fig. D6

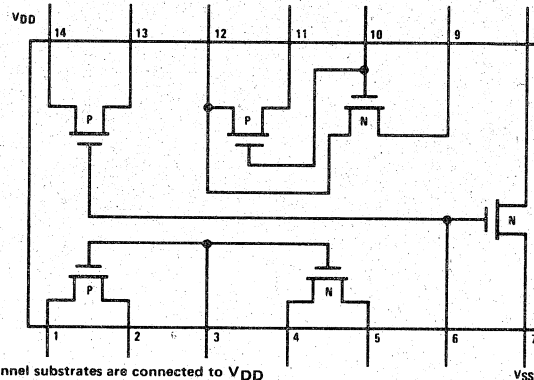
18-Stage Static Shift Register,
 $V_{DD}=3\text{ V to }15\text{ V}$



ECG4007

14-Pin DIP See Fig. D6

Dual Complementary Pair with Inverter, $V_{DD}=3\text{ V to }15\text{ V}$

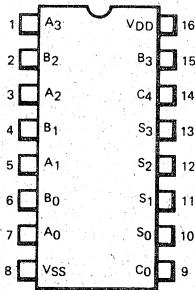


Note: All P-channel substrates are connected to V_{DD} and all N-channel substrates are connected to V_{SS} .

ECG4008B

16-Pin DIP See Fig. D8

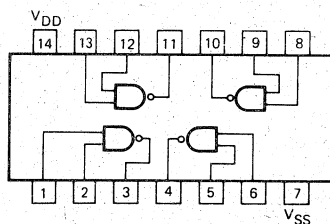
4-Bit Full Adder, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4011B

14-Pin DIP See Fig. D6

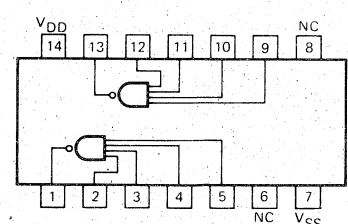
Quad 2-Input NAND Gate, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4012B

14-Pin DIP See Fig. D6

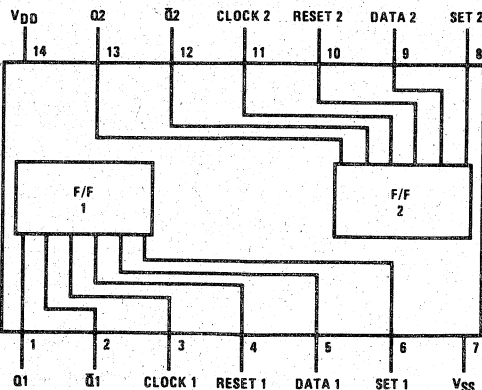
Dual 4-Input NAND Gate, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4013B

14-Pin DIP See Fig. D6

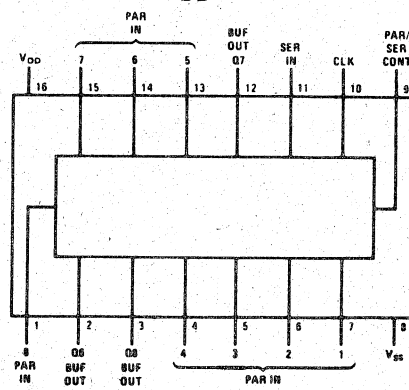
Dual "D" Flip-Flop with Set/Reset, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4014B

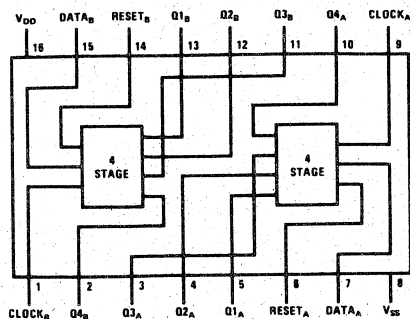
16-Pin DIP See Fig. D8

8-Stage Static Shift Register, $V_{DD}=3\text{ V to }15\text{ V}$

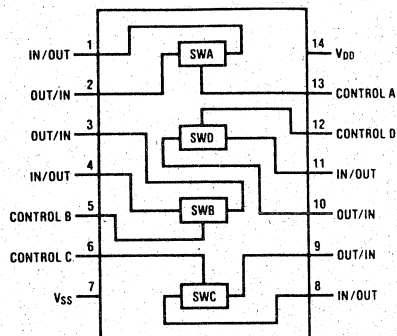


CMOS (cont'd)

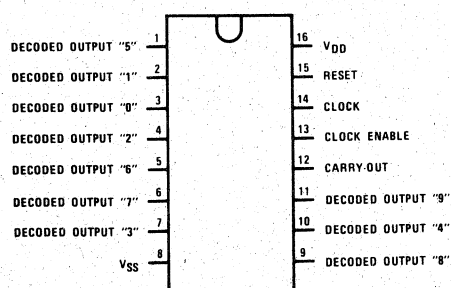
ECG4015B 16-Pin DIP See Fig. D8
Dual 4-Stage Static Shift Register,
 $V_{DD}=3\text{ V to }15\text{ V}$



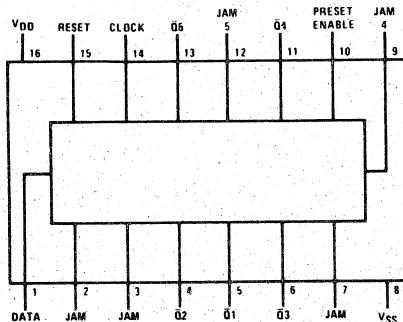
ECG4016B 14-Pin DIP See Fig. D6
Quad Bilateral Switch,
 $V_{DD}=3\text{ V to }15\text{ V}$



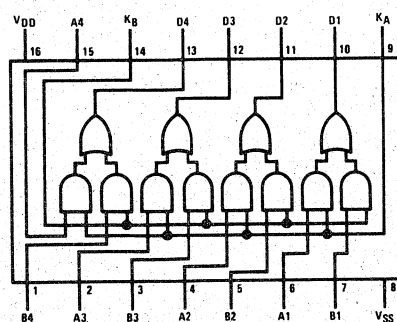
ECG4017B 16-Pin DIP See Fig. D8
Decade Counter/Divider,
 $V_{DD}=3\text{ V to }15\text{ V}$



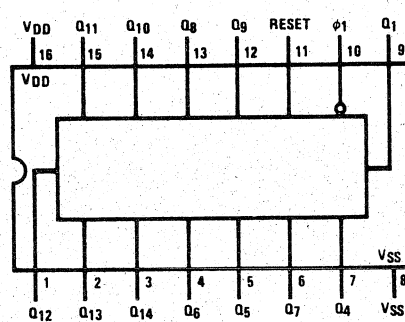
ECG4018B 16-Pin DIP See Fig. D8
Presettable Divide-by-"N" Counter,
 $V_{DD}=3\text{ V to }15\text{ V}$



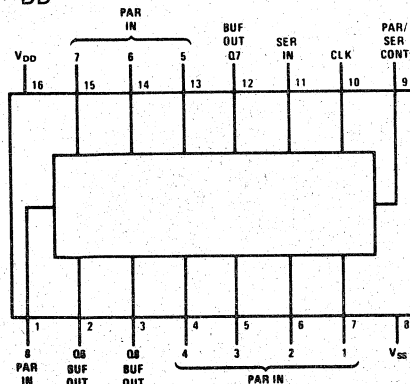
ECG4019B 16-Pin DIP See Fig. D8
Quad AND/OR Select Gate,
 $V_{DD}=3\text{ V to }15\text{ V}$



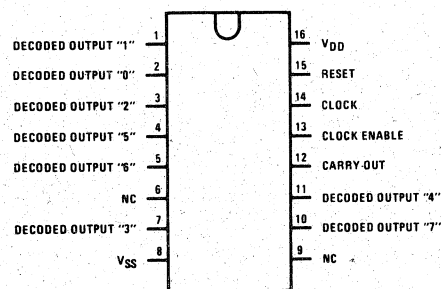
ECG4020B 16-Pin DIP See Fig. D8
14-Stage Binary/Ripple Counter,
 $V_{DD}=3\text{ V to }15\text{ V}$



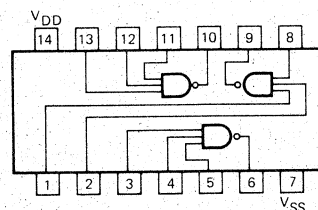
ECG4021B 16-Pin DIP See Fig. D8
8-Stage Serial to Parallel Shift Register,
 $V_{DD}=3\text{ V to }15\text{ V}$



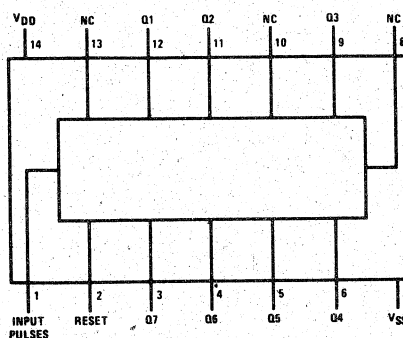
ECG4022B 16-Pin DIP See Fig. D8
Counter/Divider, $V_{DD}=3\text{ V to }15\text{ V}$



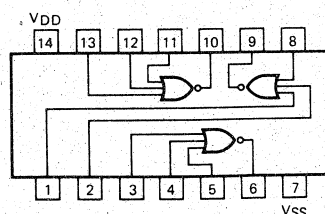
ECG4023B 14-Pin DIP See Fig. D6
Triple 3-Input NAND Gate,
 $V_{DD}=3\text{ V to }15\text{ V}$



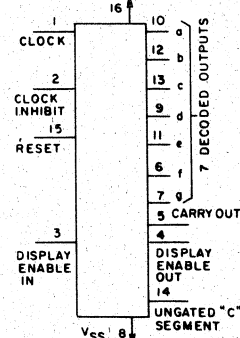
ECG4024B 14-Pin DIP See Fig. D6
7-Stage Binary Counter, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4025B 14-Pin DIP See Fig. D6
Triple 3-Input NOR Gate, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4026B 16-Pin DIP See Fig. D8
Decade Counter/Divider with Display Enable,
 $V_{DD}=3\text{ V to }15\text{ V}$

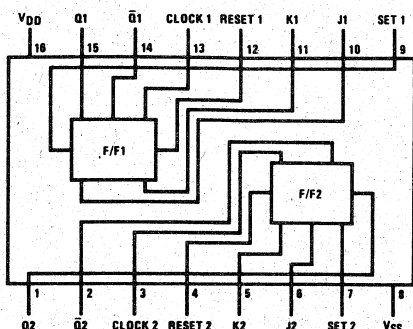


CMOS (cont'd)

ECG4027B

16-Pin DIP See Fig. D8

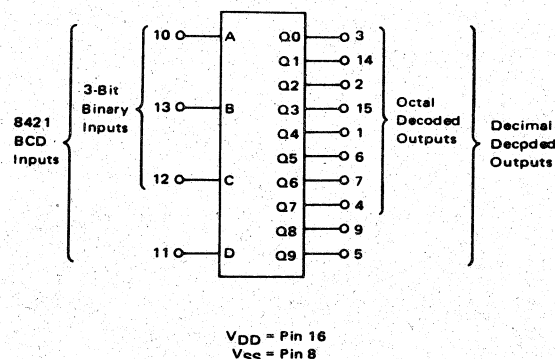
Dual J-K Master-Slave Flip-Flop, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4028B

16-Pin DIP See Fig. D8

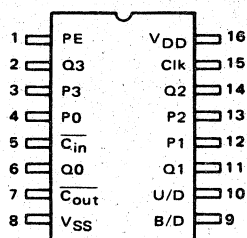
BCD-to-Decimal Decoder, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4029B

16-Pin DIP See Fig. D8

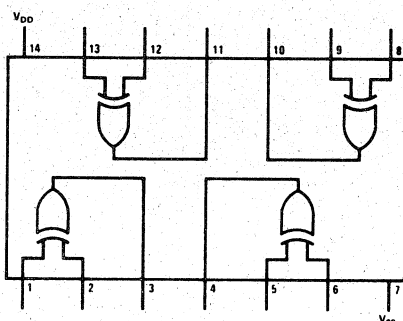
Presettable Up/Down Counter, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4030B

14-Pin DIP See Fig. D6

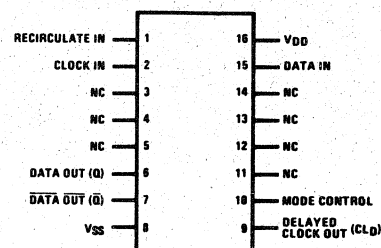
Quad Exclusive OR Gate, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4031B

16-Pin DIP See Fig. D8

64-Stage Static Shift Register, $V_{DD}=3\text{ V to }15\text{ V}$

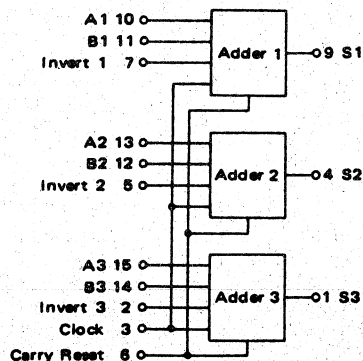


ECG4032B — Positive Logic

16-Pin DIP See Fig. D8

ECG4038B — Negative Logic

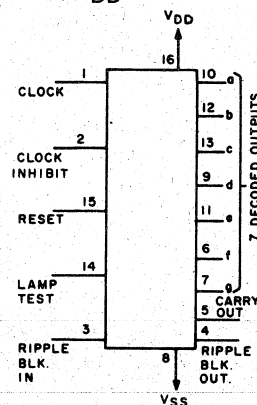
Triple Serial Adders, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4033B

16-Pin DIP See Fig. D8

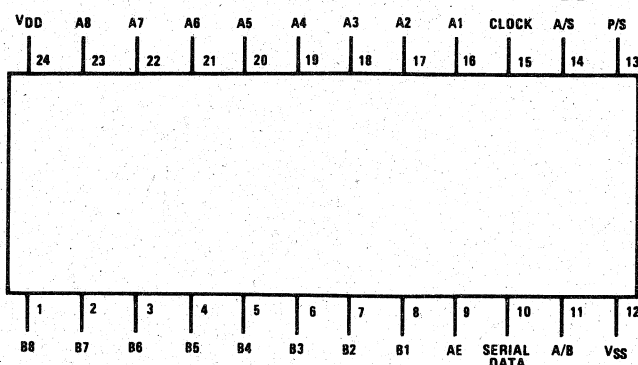
Decade Counter/Divider, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4034B

24-Pin DIP See Fig. D14

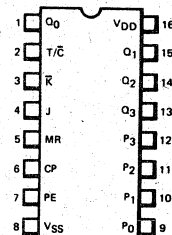
8-Stage Static Bi-Directional Parallel/Serial Input/Output Bus Register, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4035B

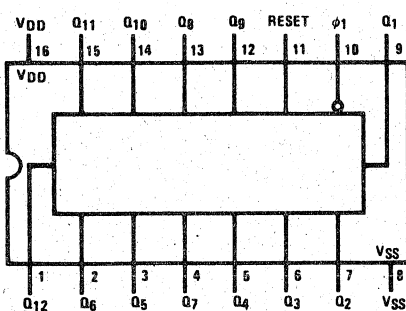
16-Pin DIP See Fig. D8

4-Stage Parallel In/Parallel Out Shift Register, $V_{DD}=3\text{ V to }15\text{ V}$

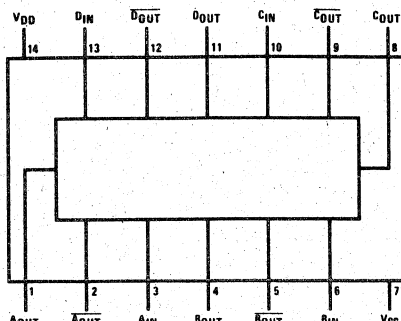


CMOS (cont'd)

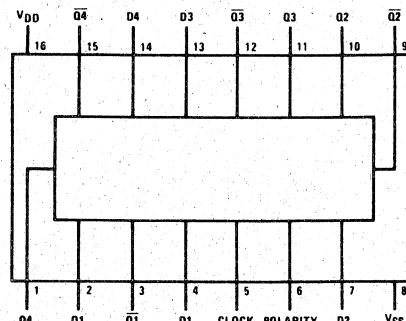
ECG4040B 16-Pin DIP See Fig. D8
12-Stage Binary/Ripple Counter,
 $V_{DD} = 3\text{ V to }15\text{ V}$



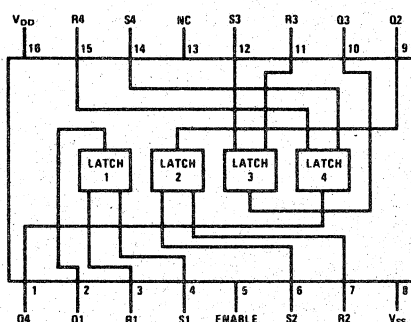
ECG4041 14-Pin DIP See Fig. D6
Quad True/Complement Buffer,
 $V_{DD} = 3\text{ V to }15\text{ V}$



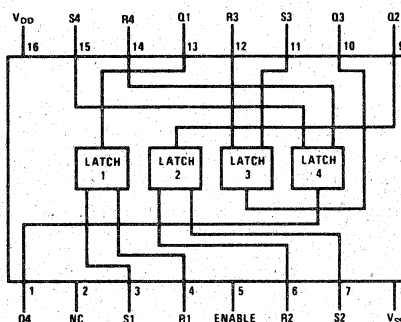
ECG4042B 16-Pin DIP See Fig. D8
Quad-Clocked "D" Latch,
 $V_{DD} = 3\text{ V to }15\text{ V}$



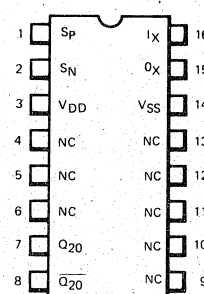
ECG4043B 16-Pin DIP See Fig. D8
Quad 3-State NOR R/S Latch,
 $V_{DD} = 3\text{ V to }15\text{ V}$



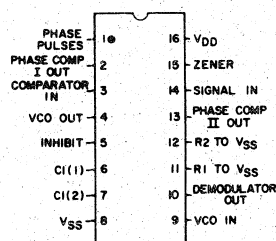
ECG4044B 16-Pin DIP See Fig. D8
Quad 3-State NAND R/S Latch,
 $V_{DD} = 3\text{ V to }15\text{ V}$



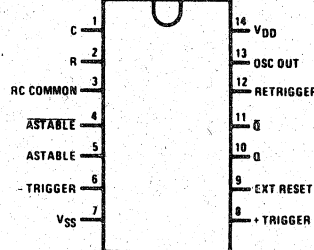
ECG4045B 16-Pin DIP See Fig. D8
21-Stage Counter, $V_{DD} = 3\text{ V to }15\text{ V}$



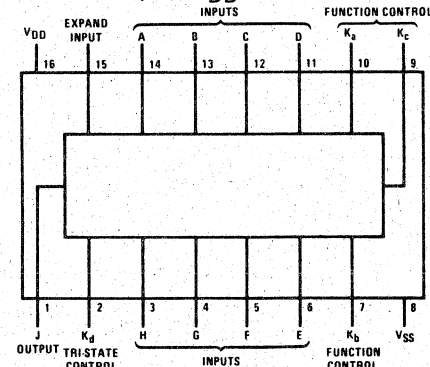
ECG4046B 16-Pin DIP See Fig. D8
CMOS-Phase Locked Loop,
 $V_{DD} = 3\text{ V to }15\text{ V}$



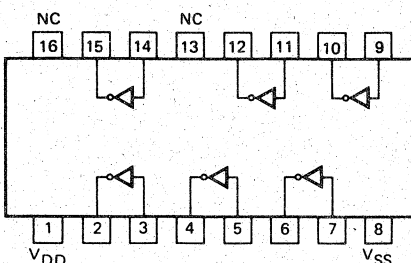
ECG4047B 14-Pin DIP See Fig. D6
Monostable/Astable Multivibrator,
 $V_{DD} = 3\text{ V to }15\text{ V}$



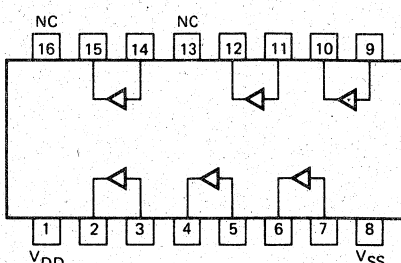
ECG4048B 16-Pin DIP See Fig. D8
Multifunction Expandable 8-Input Gate
(3-State Output), $V_{DD} = 3\text{ V to }15\text{ V}$



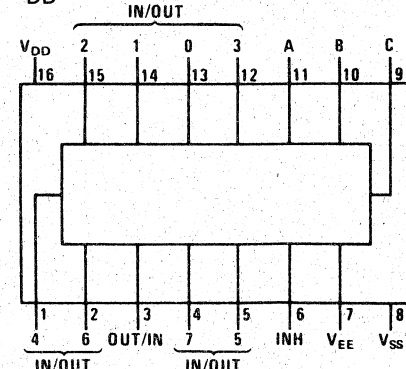
ECG4049 16-Pin DIP See Fig. D8
Hex Buffer/Converter (Inverting),
 $V_{DD} = 3\text{ V to }15\text{ V}$



ECG4050B 16-Pin DIP See Fig. D8
Hex Buffer/Converter (Non-Inverting),
 $V_{DD} = 3\text{ V to }15\text{ V}$



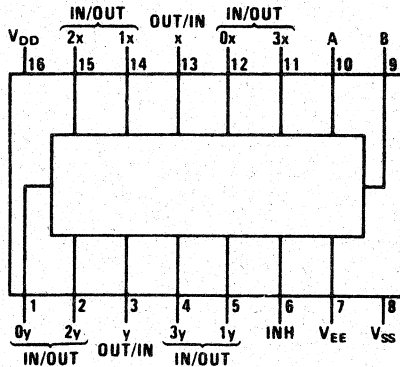
ECG4051B 16-Pin DIP See Fig. D8
Single 8-Channel Multiplexer,
 $V_{DD} = 3\text{ V to }15\text{ V}$



CMOS (cont'd)

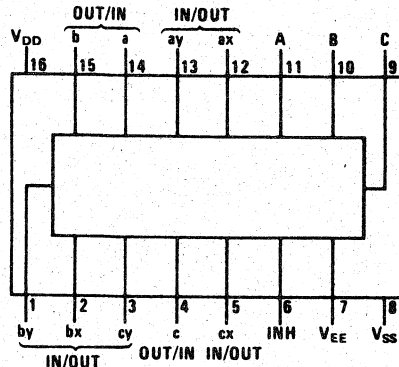
ECG4052B 16-Pin DIP See Fig. D8

Differential Dual 4-Channel Multiplexer,
V_{DD} = 3 V to 15 V



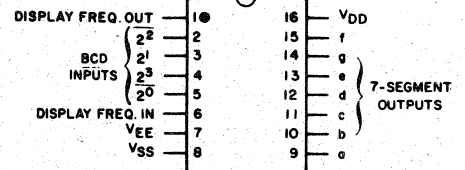
ECG4053B 16-Pin DIP See Fig. D8

Triple 2-Channel Analog Multiplexer,
V_{DD} = 3 V to 15 V



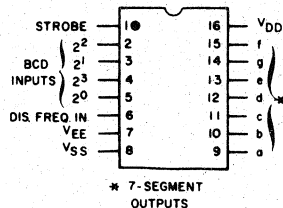
ECG4055B 16-Pin DIP See Fig. D8

BCD-to-7-Segment Decoder/Driver,
V_{DD} = 3 V to 15 V



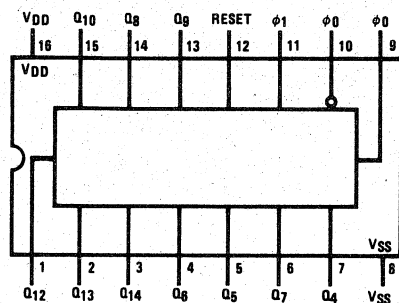
ECG4056B 16-Pin DIP See Fig. D8

BCD-to-7 Segment LCD Decoder/Driver with
Strobe Latch, V_{DD} = 3 V to 15 V



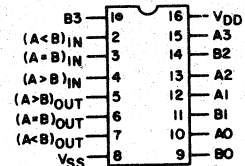
ECG4060B 16-Pin DIP See Fig. D8

14-Stage Ripple-Carry Binary Counter/
Divider and Oscillator, V_{DD} = 3 V to 15 V



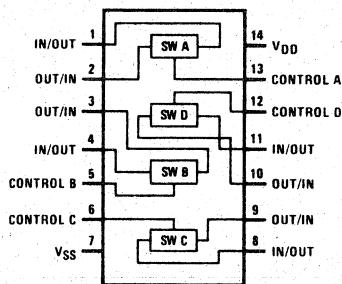
ECG4063B 16-Pin DIP See Fig. D8

4-Bit Magnitude Comparator,
V_{DD} = 3 V to 15 V



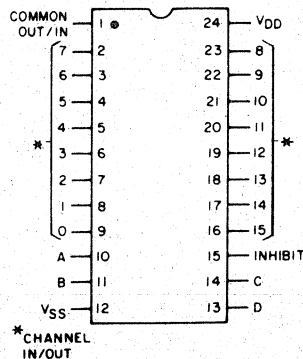
ECG4066B 14-Pin DIP See Fig. D6

Quad Bilateral Switch, V_{DD} = 3 V to 15 V



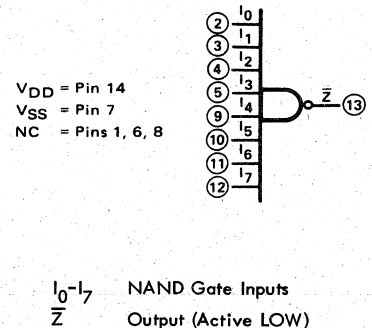
ECG4067B 24-Pin DIP See Fig. D14

16-Channel Multiplexer/Demultiplexer,
V_{DD} = 3 V to 15 V



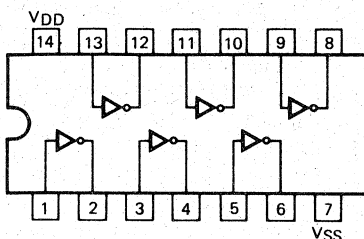
ECG4068B 14-Pin DIP See Fig. D6

8-Input NAND Gate, V_{DD} = 3 V to 15 V



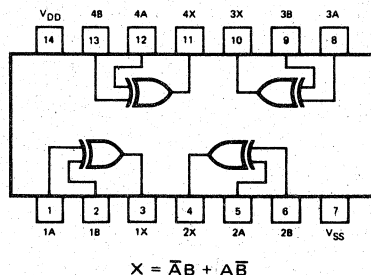
ECG4069 14-Pin DIP See Fig. D6

Hex Inverter, V_{DD} = 3 V to 15 V



ECG4070B 14-Pin DIP See Fig. D6

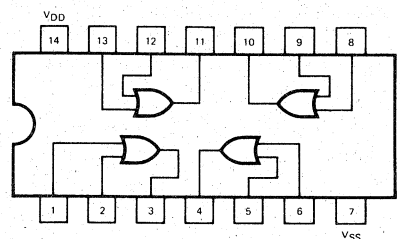
Quad Exclusive OR Gate, V_{DD} = 3 V to 15 V



$$X = \bar{A}B + A\bar{B}$$

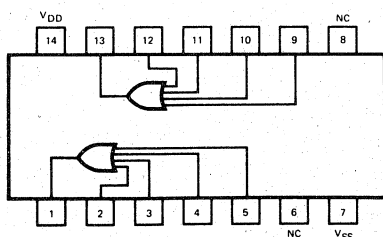
ECG4071B 14-Pin DIP See Fig. D6

Quad 2-Input OR Gate, V_{DD} = 3 V to 15 V

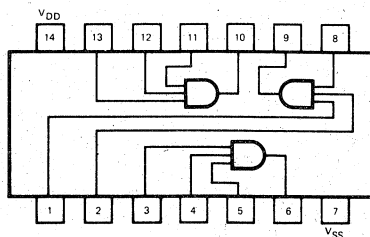


CMOS (cont'd)

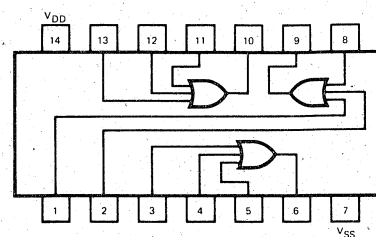
ECG4072B 14-Pin DIP See Fig. D6
Dual 4-Input OR Gate, $V_{DD}=3\text{ V to }15\text{ V}$



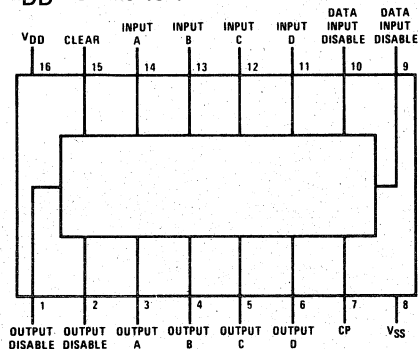
ECG4073B 14-Pin DIP See Fig. D6
Triple 3-Input AND Gate, $V_{DD}=3\text{ V to }15\text{ V}$



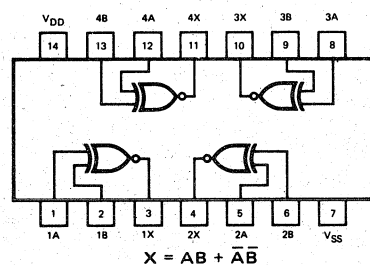
ECG4075B 14-Pin DIP See Fig. D6
Triple 3-Input OR Gate, $V_{DD}=3\text{ V to }15\text{ V}$



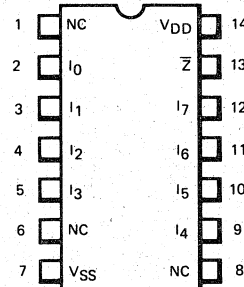
ECG4076B 16-Pin DIP See Fig. D8
4-Bit "D" Type Register (Tri-State Output),
 $V_{DD}=3\text{ V to }15\text{ V}$



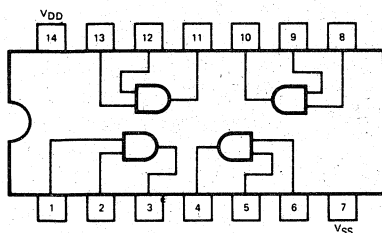
ECG4077B 14-Pin DIP See Fig. D6
Quad Exclusive NOR Gate,
 $V_{DD}=3\text{ V to }15\text{ V}$



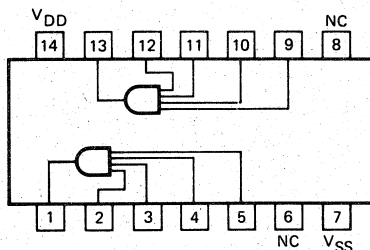
ECG4078B 14-Pin DIP See Fig. D6
8-Input NOR Gate, $V_{DD}=3\text{ V to }15\text{ V}$



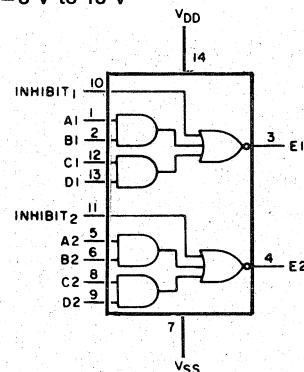
ECG4081B 14-Pin DIP See Fig. D6
Quad 2-Input AND Gate, $V_{DD}=3\text{ V to }15\text{ V}$



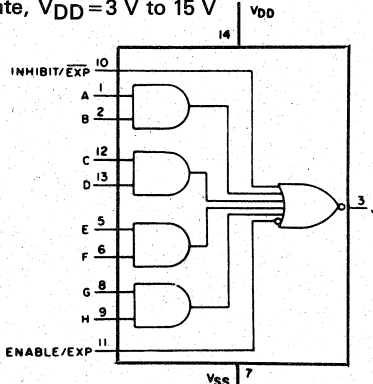
ECG4082B 14-Pin DIP See Fig. D6
Dual 4-Input AND Gate, $V_{DD}=3\text{ V to }15\text{ V}$



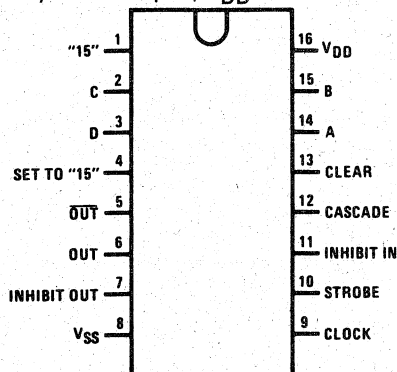
ECG4085B 14-Pin DIP See Fig. D6
Dual 2-Wide 2-Input AND/OR Invert Gate,
 $V_{DD}=3\text{ V to }15\text{ V}$



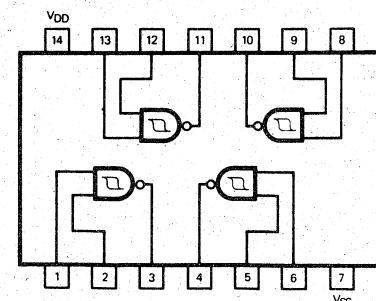
ECG4086B 14-Pin DIP See Fig. D6
Expandable 4-Wide 2-Input AND/OR Invert
Gate, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4089B 16-Pin DIP See Fig. D8
Binary Rate Multiplier, $V_{DD}=3\text{ V to }15\text{ V}$

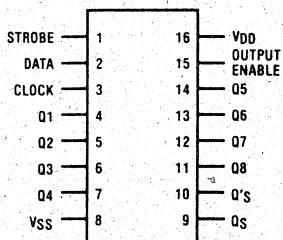


ECG4093B 14-Pin DIP See Fig. D6
Quad 2-Input NAND Schmitt Trigger,
 $V_{DD}=3\text{ V to }15\text{ V}$

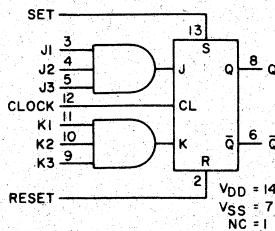


CMOS (cont'd)

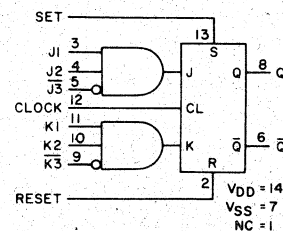
ECG4094B 16-Pin DIP See Fig. D8
8-Stage Shift and Store Bus Register
(3-State Output), $V_{DD}=3\text{ V to }15\text{ V}$



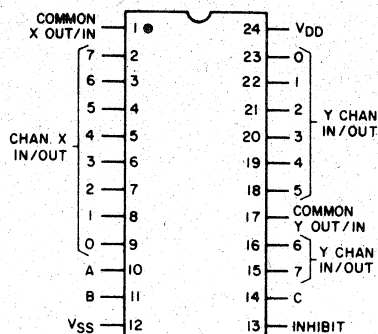
ECG4095B 14-Pin DIP See Fig. D6
J-K Flip-Flop with Non-Inverting J and K
Inputs, $V_{DD}=3\text{ V to }15\text{ V}$



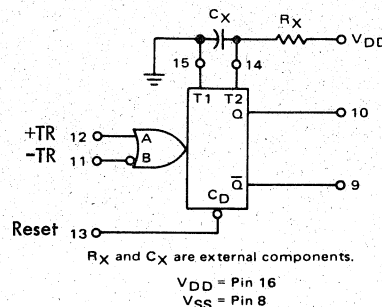
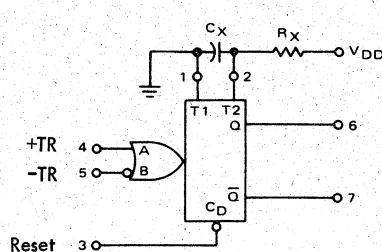
ECG4096B 14-Pin DIP See Fig. D6
J-K Flip-Flop with Inverting and Non-Inverting
Inputs, $V_{DD}=3\text{ V to }15\text{ V}$



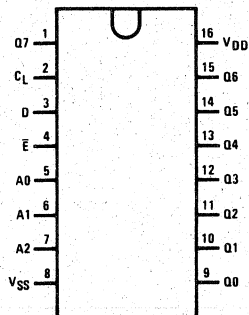
ECG4097B 24-Pin DIP See Fig. D14
Differential 8-Channel Multiplexer/
Demultiplexer, $V_{DD}=3\text{ V to }15\text{ V}$



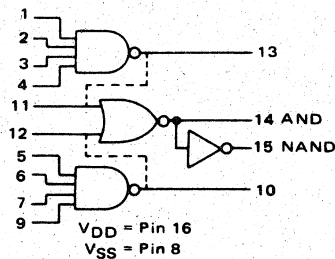
ECG4098B 16-Pin DIP See Fig. D8
Dual Monostable Multivibrator, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4099B 16-Pin DIP See Fig. D8
8-Bit Addressable Latch, $V_{DD}=3\text{ V to }15\text{ V}$

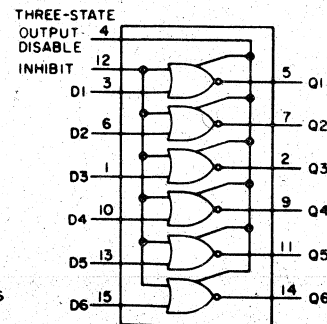


ECG4501 16-Pin DIP See Fig. D8
Multifunction Gate, $V_{DD}=3\text{ V to }18\text{ V}$

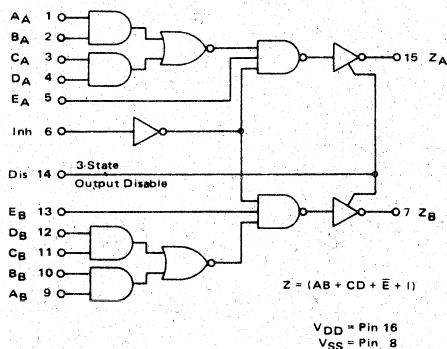


Note: Pin 14 must not be used as an input to the inverter.

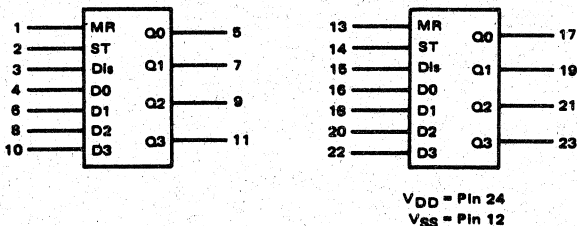
ECG4502B 16-Pin DIP See Fig. D8
Strobed Hex Inverter/Buffer, (3-State Output), $V_{DD}=3\text{ V to }18\text{ V}$



ECG4506 16-Pin DIP See Fig. D8
Dual Expandable AND/OR/Invert (AOI) Gate, $V_{DD}=3\text{ V to }18\text{ V}$

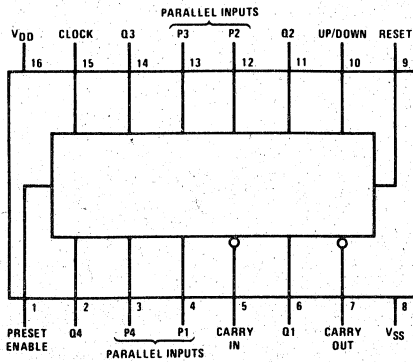


ECG4508B 24-Pin DIP See Fig. D14
Dual 4-Bit Latch, $V_{DD}=3\text{ V to }18\text{ V}$

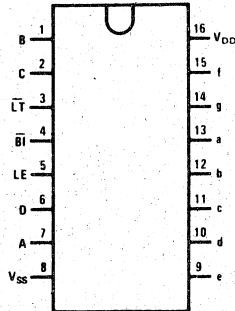


CMOS (cont'd)

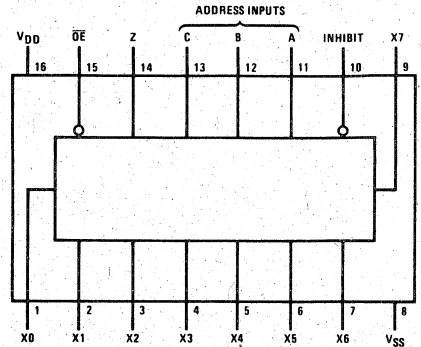
ECG4510B 16-Pin DIP See Fig. D8
Presettable BCD Up/Down Counter,
 $V_{DD}=3\text{ V to }15\text{ V}$



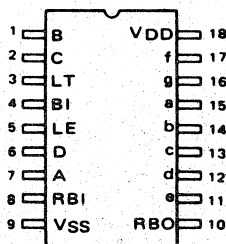
ECG4511B 16-Pin DIP See Fig. D8
BCD-to-7 Segment Latch Decoder/Driver,
 $V_{DD}=3\text{ V to }15\text{ V}$



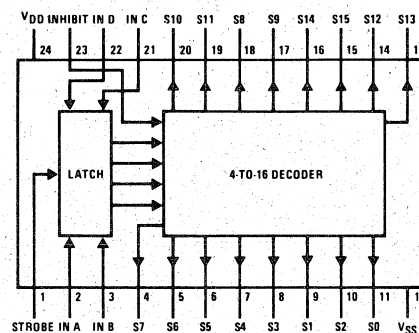
ECG4512B 16-Pin DIP See Fig. D8
8-Input Multiplexer with 3-State Outputs,
 $V_{DD}=3\text{ V to }15\text{ V}$



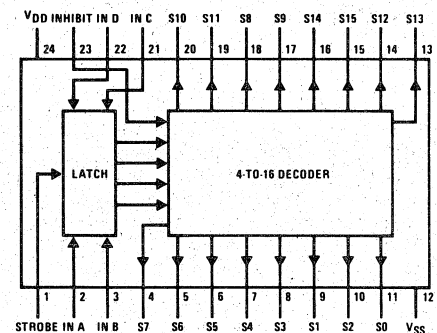
ECG4513B 18-Pin DIP See Fig. D11
BCD-to-7 Segment Latch/Decoder/Driver,
 $V_{DD}=3\text{ V to }18\text{ V}$



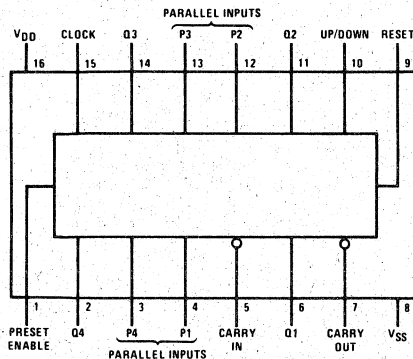
ECG4514B 24-Pin DIP See Fig. D14
4-Bit Latch/4-to-16 Line Decoder (Active High), $V_{DD}=3\text{ V to }15\text{ V}$



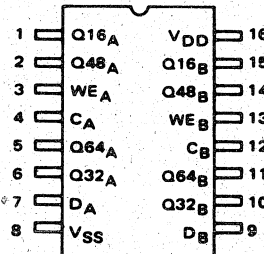
ECG4515B 24-Pin DIP See Fig. D14
4-Bit Latch/4-to-16 Line Decoder (Active Low), $V_{DD}=3\text{ V to }15\text{ V}$



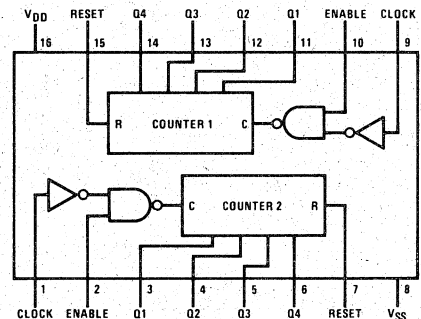
ECG4516B 16-Pin DIP See Fig. D8
Presettable Binary Up/Down Counter,
 $V_{DD}=3\text{ V to }15\text{ V}$



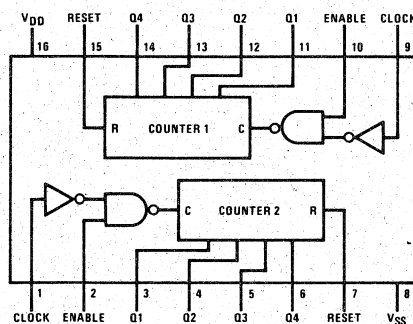
ECG4517B 16-Pin DIP See Fig. D8
Dual 64-Bit Static Shift Register,
 $V_{DD}=3\text{ V to }18\text{ V}$



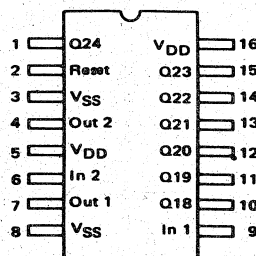
ECG4518B 16-Pin DIP See Fig. D8
Dual BCD Up Counter, $V_{DD}=3\text{ V to }15\text{ V}$



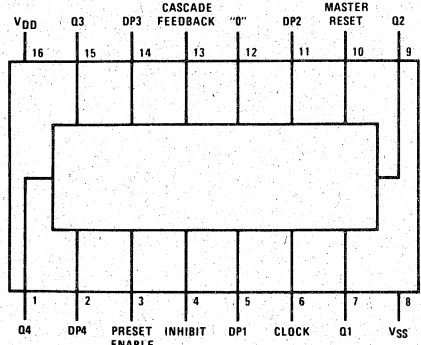
ECG4520B 16-Pin DIP See Fig. D8
Dual Binary Up Counter
 $V_{DD}=3\text{ V to }15\text{ V}$



ECG4521B 16-Pin DIP See Fig. D8
24-Stage Frequency Divider,
 $V_{DD}=3\text{ V to }18\text{ V}$

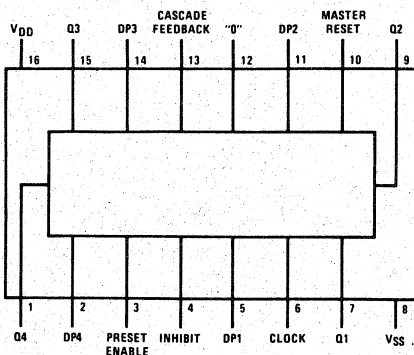


ECG4522B 16-Pin DIP See Fig. D8
BCD-Programmable Divide-by-'N', 4-Bit Counter, $V_{DD}=3\text{ V to }18\text{ V}$

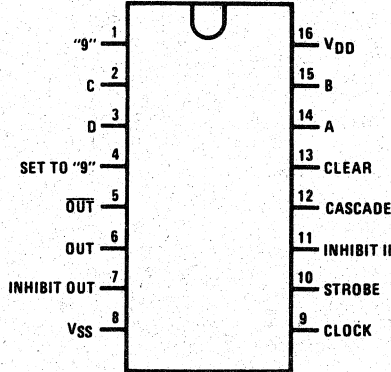


CMOS (cont'd)

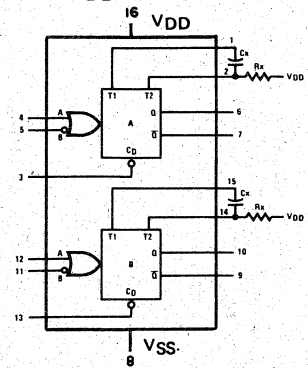
ECG4526B 16-Pin DIP See Fig. D8
Programmable Divide-by-"N", 4-Bit Counter (Binary), $V_{DD}=3\text{ V to }18\text{ V}$



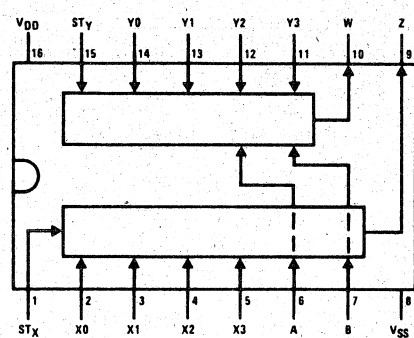
ECG4527B 16-Pin DIP See Fig. D8
BCD Multiplier, $V_{DD}=3\text{ V to }15\text{ V}$



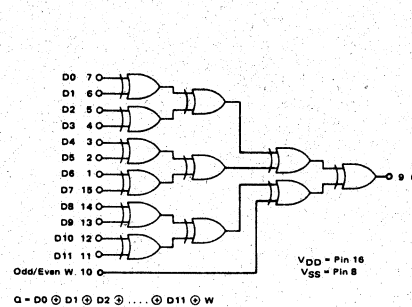
ECG4528B 16-Pin DIP See Fig. D8
Dual Retriggerable/Resetable Monostable Multivibrator, $V_{DD}=3\text{ V to }18\text{ V}$



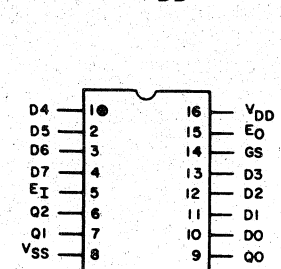
ECG4529B 16-Pin DIP See Fig. D8
Dual 4-Channel Analog Data Selector, $V_{DD}=3\text{ V to }15\text{ V}$



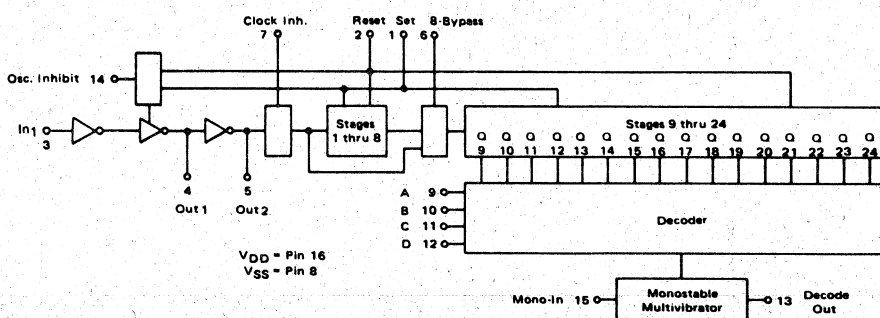
ECG4531B 16-Pin DIP See Fig. D8
12-Bit Parity Tree, $V_{DD}=3\text{ V to }18\text{ V}$



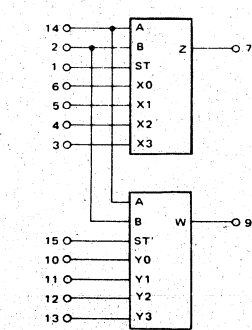
ECG4532B 16-Pin DIP See Fig. D8
8-Bit Priority Encoder, $V_{DD}=3\text{ V to }18\text{ V}$



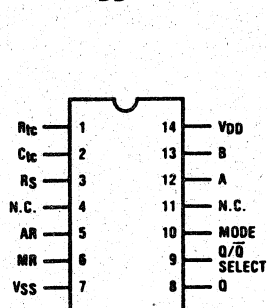
ECG4536B 16-Pin DIP See Fig. D8
Programmable Timer, $V_{DD}=3\text{ V to }18\text{ V}$



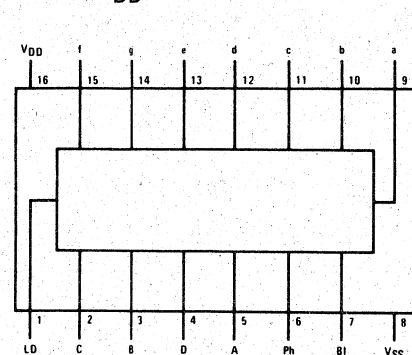
ECG4539B 16-Pin DIP See Fig. D8
Dual 4-Channel Digital Mixer, $V_{DD}=3\text{ V to }18\text{ V}$



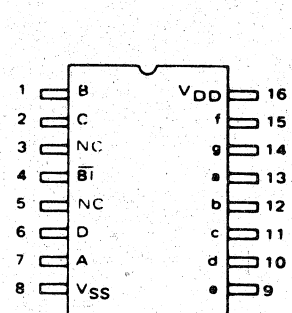
ECG4541B 14-Pin DIP See Fig. D6
Oscillator/Timer, $V_{DD}=3\text{ V to }15\text{ V}$



ECG4543B 16-Pin DIP See Fig. D8
BCD-to-7 Segment Latch Decoder/Driver for LCD, $V_{DD}=3\text{ V to }18\text{ V}$

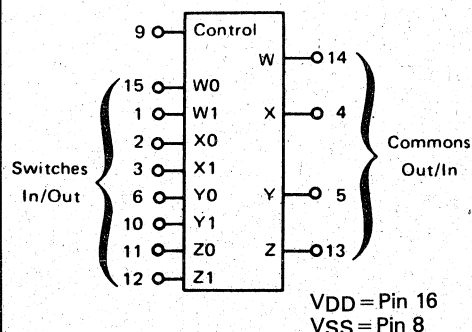


ECG4547B 16-Pin DIP See Fig. D8
BCD-to-7 Segment Decoder/Latch/Driver, $V_{DD}=3\text{ V to }18\text{ V}$

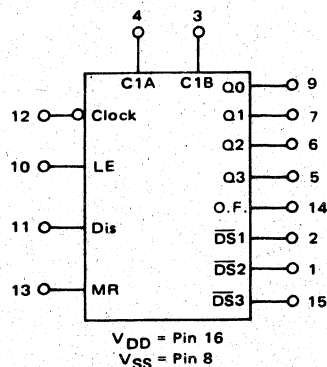


CMOS (cont'd)

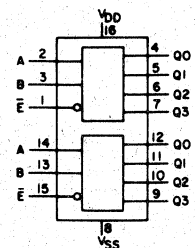
ECG4551B 16-Pin DIP See Fig. D8
Quad Analog Multiplexer/Demultiplexer,
 $V_{DD}=3\text{ V to }18\text{ V}$



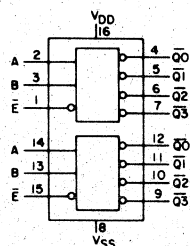
ECG4553B 16-Pin DIP See Fig. D8
3-Digit BCD Counter, $V_{DD}=3\text{ V to }18\text{ V}$



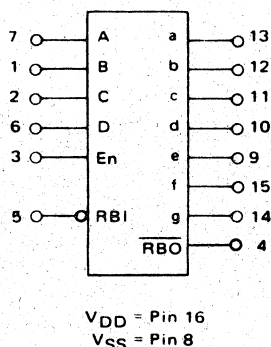
ECG4555B 16-Pin DIP See Fig. D8
Dual Binary to 1-of-4 Decoder/Demultiplexer
(High-on-Select) $V_{DD}=3\text{ V to }18\text{ V}$



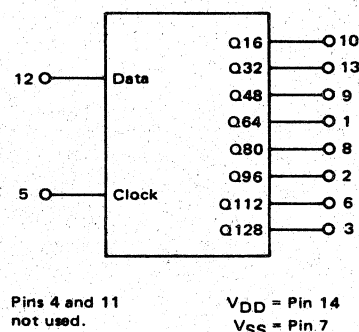
ECG4556B 16-Pin DIP See Fig. D8
Dual Binary to 1-of-4 Decoder/Demultiplexer
(Low-on-Select), $V_{DD}=3\text{ V to }18\text{ V}$



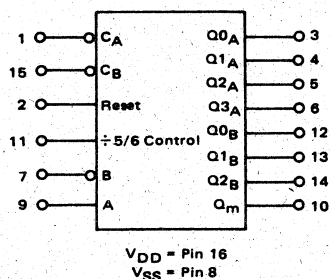
ECG4558B 16-Pin DIP See Fig. D8
BCD-to-7 Segment Decoder,
 $V_{DD}=3\text{ V to }18\text{ V}$



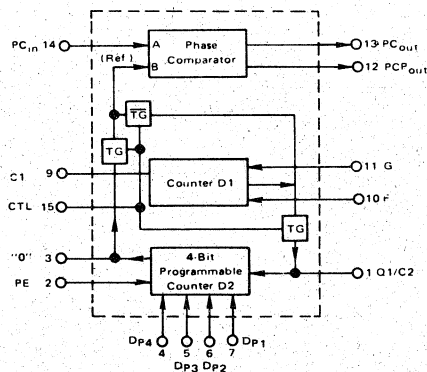
ECG4562B 14-Pin DIP See Fig. D6
128-Bit Static Shift Register,
 $V_{DD}=3\text{ V to }18\text{ V}$



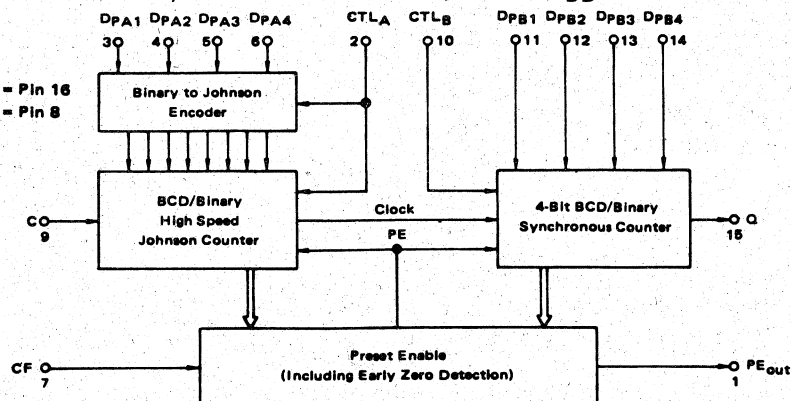
ECG4566B 16-Pin DIP See Fig. D8
Industrial Time Base Generator,
 $V_{DD}=3\text{ V to }18\text{ V}$



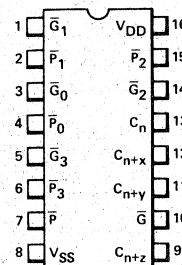
ECG4568B 16-Pin DIP See Fig. D8
Phase Comparator and Programmable Counter, $V_{DD}=3\text{ V to }18\text{ V}$



ECG4569B 16-Pin DIP See Fig. D8
Programmable Divide-by-'N' Dual 4-Bit BCD/Binary Counter, $V_{DD}=3\text{ V to }18\text{ V}$

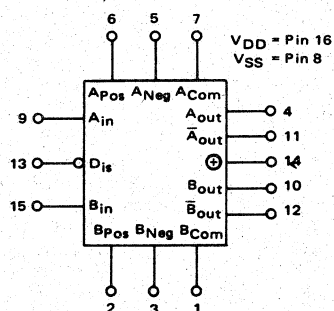


ECG4582B 16-Pin DIP See Fig. D8
Look-Ahead Carry Block (Use ECG40182
for replacement), $V_{DD}=3\text{ V to }18\text{ V}$

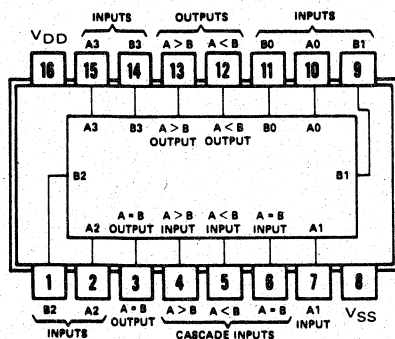


CMOS (cont'd)

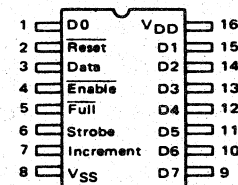
ECG4583B 16-Pin DIP See Fig. D8
Dual Schmitt Trigger, $V_{DD}=3\text{ V to }18\text{ V}$



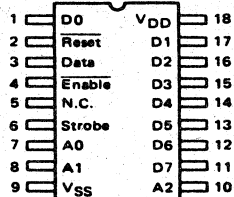
ECG4585B 16-Pin DIP See Fig. D8
4-Bit Magnitude Comparator, $V_{DD}=3\text{ V to }18\text{ V}$



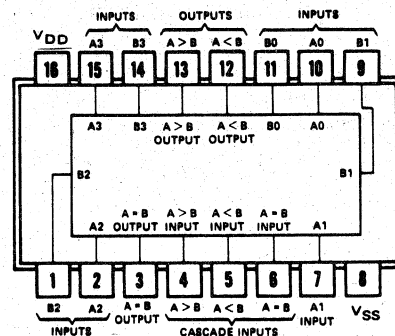
ECG4597B 16-Pin DIP See Fig. D8
8-Bit 3-State Bus Compatible Latches with Internal Counter, $V_{DD}=3\text{ V to }18\text{ V}$



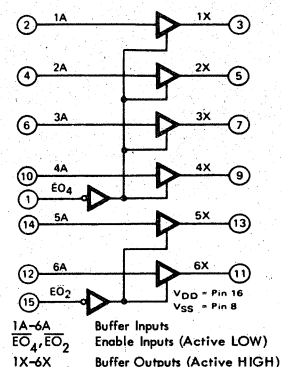
ECG4598B 18-Pin DIP See Fig. D11
8-Bit 3-State Bus Compatible Latches with Binary Address, $V_{DD}=3\text{ V to }18\text{ V}$



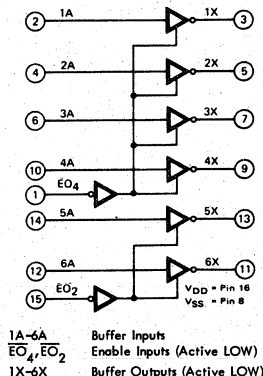
ECG40085B 16-Pin DIP See Fig. D8
4-Bit Magnitude Comparator, $V_{DD}=3\text{ V to }15\text{ V}$



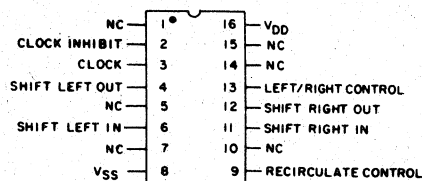
ECG40097B 16-Pin DIP See Fig. D8
Hex 3-State Non-Inverting Buffer, $V_{DD}=3\text{ V to }15\text{ V}$



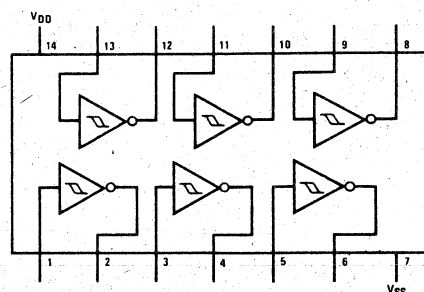
ECG40098B 16-Pin DIP See Fig. D8
Hex 3-State Inverting Buffer, $V_{DD}=3\text{ V to }15\text{ V}$



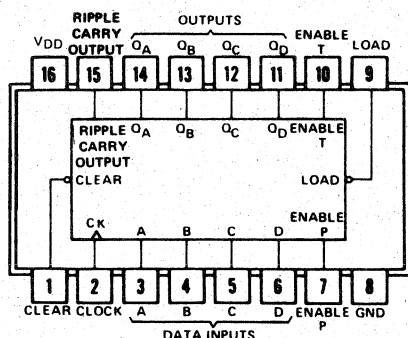
ECG40100B 16-Pin DIP See Fig. D8
32-Stage Static Left/Right Shift Register, $V_{DD}=3\text{ V to }18\text{ V}$



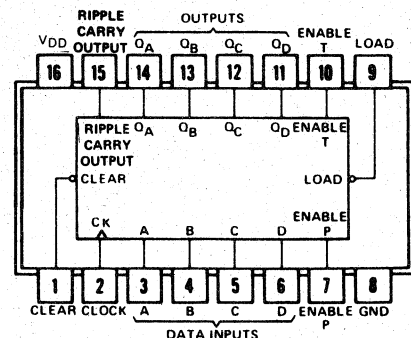
ECG40106B 14-Pin DIP See Fig. D6
Hex Schmitt Trigger, $V_{DD}=3\text{ V to }15\text{ V}$



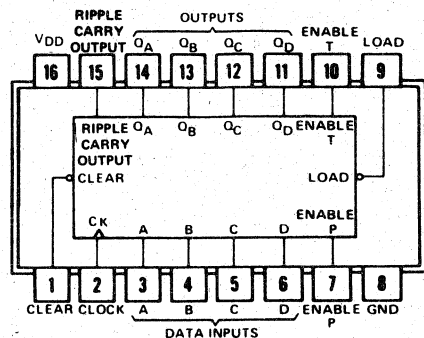
ECG40160B 16-Pin DIP See Fig. D8
4-Bit Decade Asynchronous Reset Counter, $V_{DD}=3\text{ V to }15\text{ V}$



ECG40161B 16-Pin DIP See Fig. D8
4-Bit Binary Asynchronous Reset Counter, $V_{DD}=3\text{ V to }15\text{ V}$

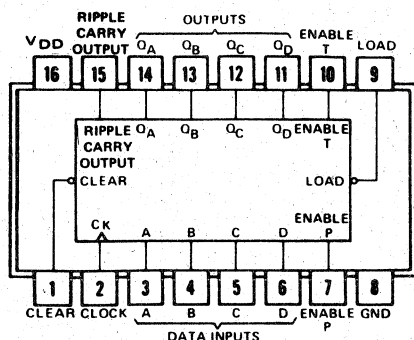


ECG40162B 16-Pin DIP See Fig. D8
4-Bit Decade Synchronous Reset Counter, $V_{DD}=3\text{ V to }15\text{ V}$

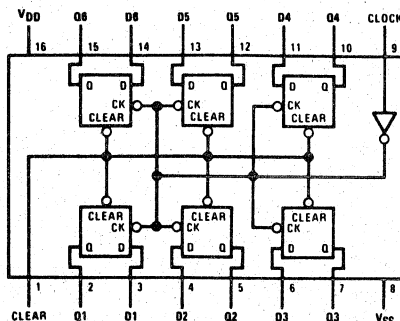


CMOS (cont'd)

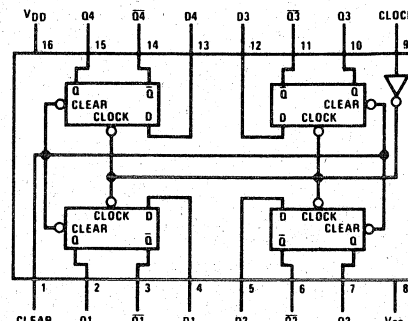
ECG40163B 16-Pin DIP See Fig. D8
4-Bit Binary Synchronous Reset Counter,
 $V_{DD}=3\text{ V to }15\text{ V}$



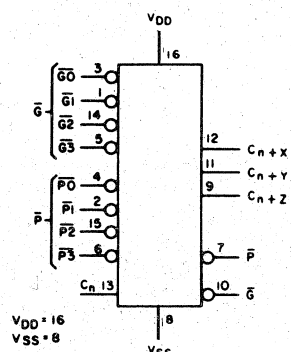
ECG40174B 16-Pin DIP See Fig. D8
Hex "D" Flip-Flop, $V_{DD}=3\text{ V to }15\text{ V}$



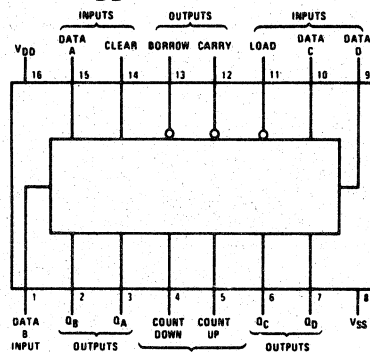
ECG40175B 16-Pin DIP See Fig. D8
Quad "D" Flip-Flop, $V_{DD}=3\text{ V to }15\text{ V}$



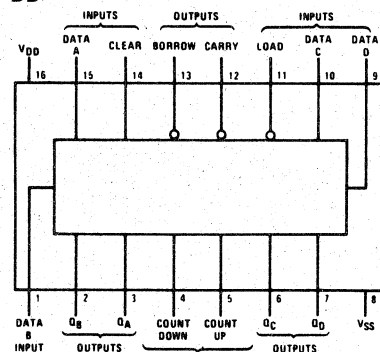
ECG40182B 16-Pin DIP See Fig. D8
Look-Ahead Carry Generator,
 $V_{DD}=3\text{ V to }18\text{ V}$



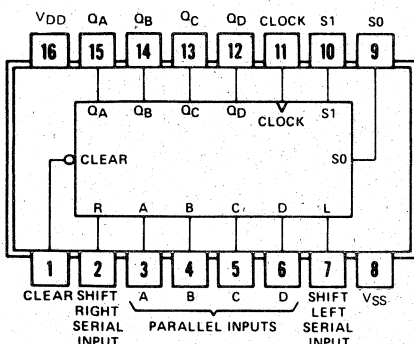
ECG40192B 16-Pin DIP See Fig. D8
4-Bit Up/Down Synchronous Decade Counter,
 $V_{DD}=3\text{ V to }15\text{ V}$



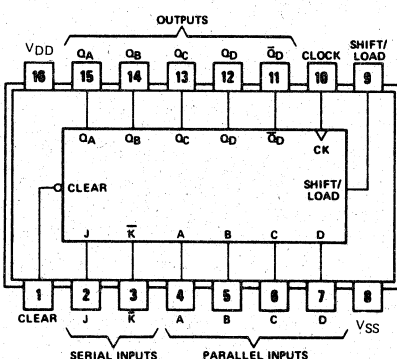
ECG40193B 16-Pin DIP See Fig. D8
4-Bit Up/Down Synchronous Binary Counter,
 $V_{DD}=3\text{ V to }15\text{ V}$



ECG40194B 16-Pin DIP See Fig. D8
4-Bit Right/Left Shift Register,
 $V_{DD}=3\text{ V to }15\text{ V}$



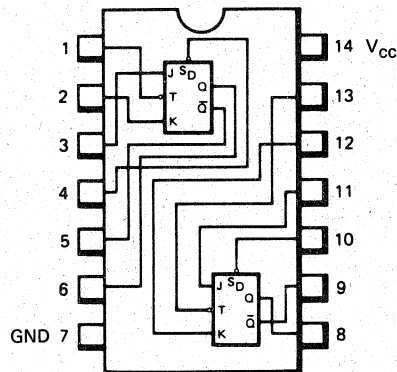
ECG40195B 16-Pin DIP See Fig. D8
4-Bit Shift Register, $V_{DD}=3\text{ V to }15\text{ V}$



DTL Diode-Transistor Logic

ECG9093 14-Pin DIP See Fig. D6
Dual M/S J-K Flip-Flop (5 MHz)

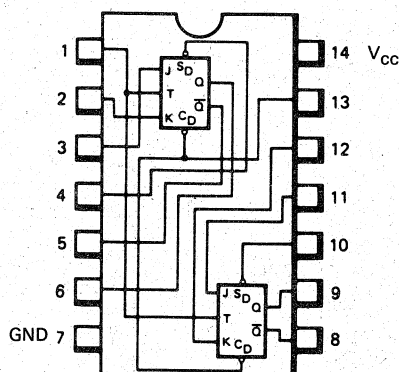
ECG9094
Dual M/S J-K Flip-Flop (8 MHz)



$V_{CC} = +5V$ (Nom.)

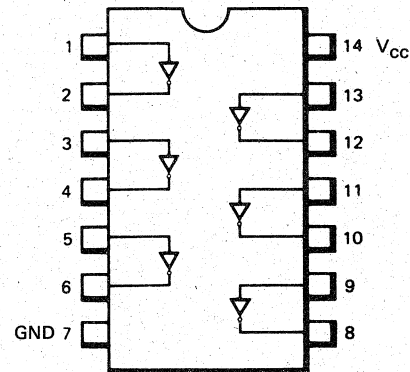
ECG9097 14-Pin DIP See Fig. D6
Dual M/S J-K Flip-Flop (8 MHz)

ECG9099
Dual M/S J-K Flip-Flop (5 MHz)



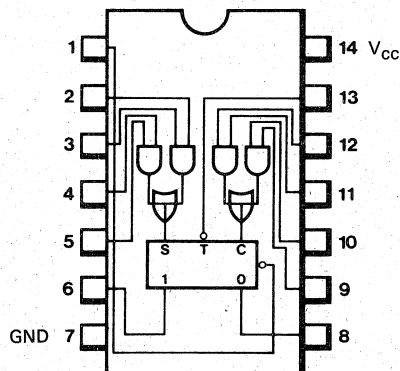
$V_{CC} = +5V$ (Nom.)

ECG9109 14-Pin DIP See Fig. D6
High Voltage Hex Inverter (Open Collector)



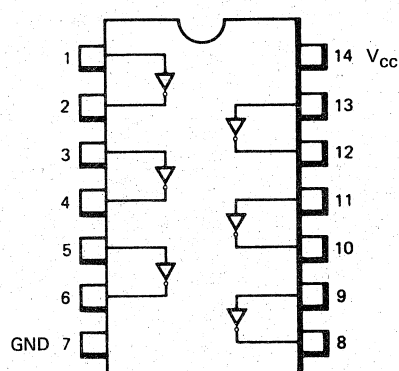
$V_{CC} = +20V$ (Nom.)

ECG9111 14-Pin DIP See Fig. D6
RS Flip-Flop



$V_{CC} = +5V$ (Nom.)

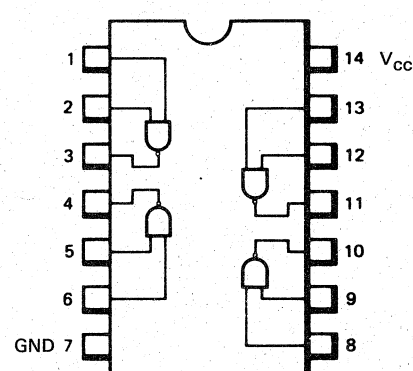
ECG9135 14-Pin DIP See Fig. D6
Hex Inverter (Open Collector)



$V_{CC} = +5V$ (Nom.)

ECG9157 14-Pin DIP See Fig. D6
Quad 2-Input Buffered NAND Gate

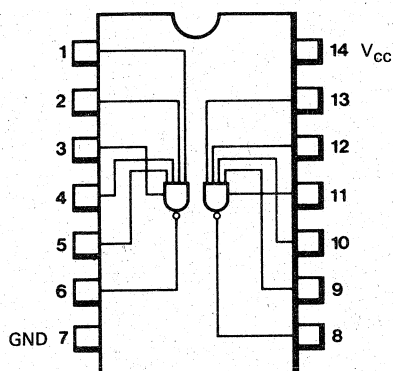
ECG9158
Quad 2-Input Power NAND Gate



$V_{CC} = +5V$ (Nom.)

ECG9800 14-Pin DIP See Fig. D6
Dual 5-Input NAND Gate (6 Kohm-Pullup)

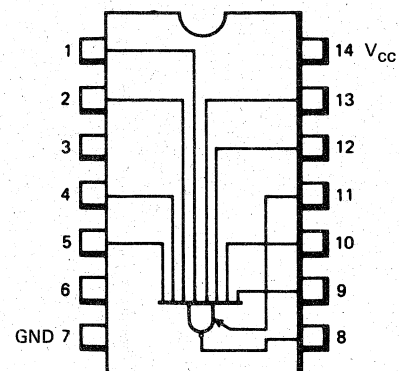
ECG9801
Dual 5-Input NAND Gate (2 Kohm-Pullup)



$V_{CC} = +5V$ (Nom.)

ECG9802 14-Pin DIP See Fig. D6
8-Input NAND Gate (6 Kohm-Pullup)

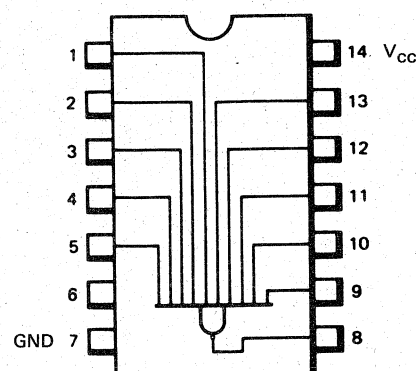
ECG9803
8-Input NAND Gate (2 Kohm-Pullup)



$V_{CC} = +5V$ (Nom.)

ECG9804 14-Pin DIP See Fig. D6
10-Input NAND Gate (6 Kohm-Pullup)

ECG9805
10-Input NAND Gate (2 Kohm-Pullup)

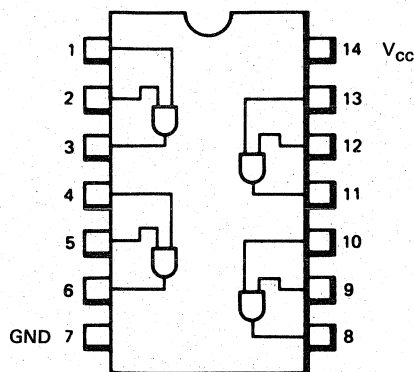


$V_{CC} = +5V$ (Nom.)

DTL (cont'd)

ECG9806 14-Pin DIP See Fig. D6
Quad 2-Input AND Gate (6 Kohm-Pullup)

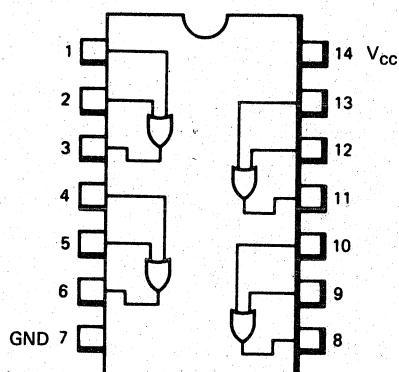
ECG9807
Quad 2-Input AND Gate (2 Kohm-Pullup)



$V_{CC} = +5V$ (Nom.)

ECG9808 14-Pin DIP See Fig. D6
Quad 2-Input OR Gate (6 Kohm-Pullup)

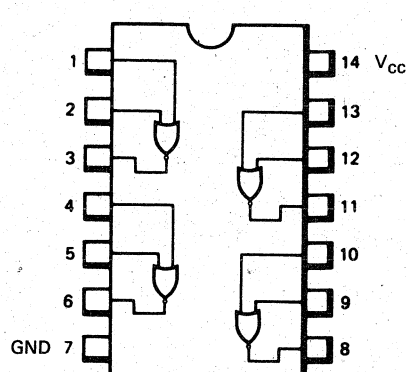
ECG9809
Quad 2-Input OR Gate (2 Kohm-Pullup)



$V_{CC} = +5V$ (Nom.)

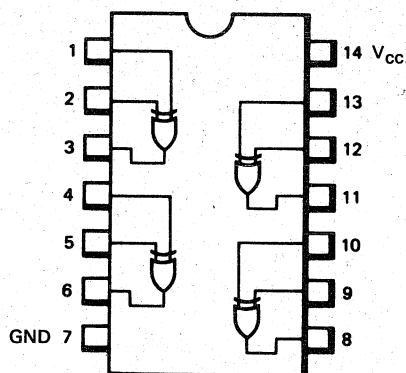
ECG9810 14-Pin DIP See Fig. D6
Quad 2-Input NOR Gate (6 Kohm-Pullup)

ECG9811
Quad 2-Input NOR Gate (2 Kohm-Pullup)



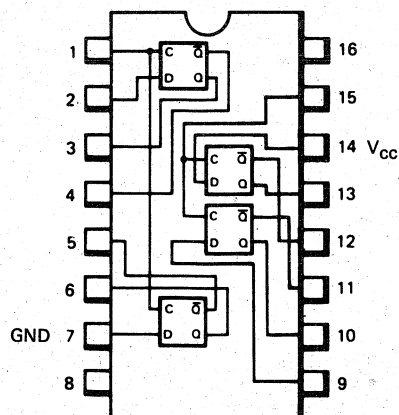
$V_{CC} = +5V$ (Nom.)

ECG9812 14-Pin DIP See Fig. D6
Quad 2-Input Exclusive OR Gate



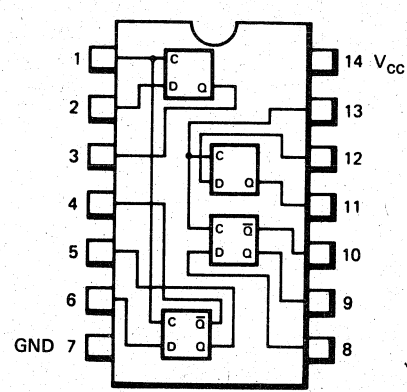
$V_{CC} = +5V$ (Nom.)

ECG9813 16-Pin DIP See Fig. D8
Quad Latch with Complementary Outputs



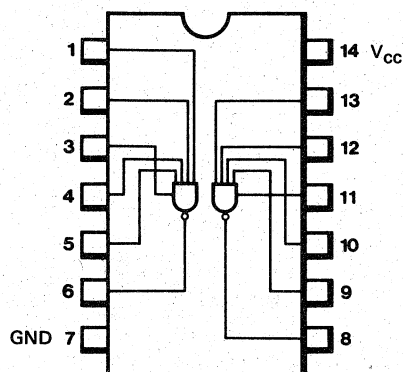
$V_{CC} = +5V$ (Nom.)

ECG9814 14-Pin DIP See Fig. D6
Quad Latch



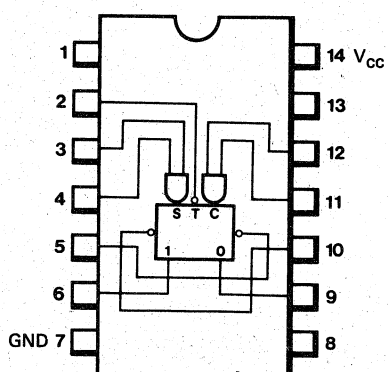
$V_{CC} = +5V$ (Nom.)

ECG9930 14-Pin DIP See Fig. D6
Dual 4-Input Extendable NAND Gate



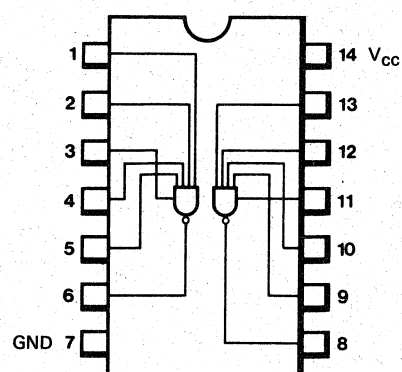
$V_{CC} = +5V$ (Nom.)

ECG9931 14-Pin DIP See Fig. D6
RS Clocked Flip-Flop



$V_{CC} = +5V$ (Nom.)

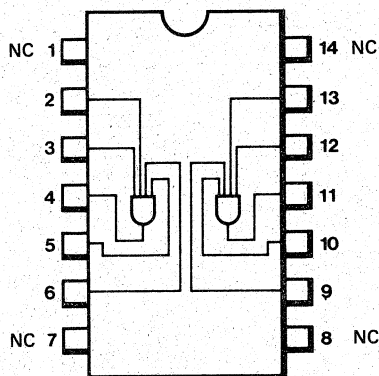
ECG9932 14-Pin DIP See Fig. D6
Dual 4-Input Extendable NAND Buffer Gate



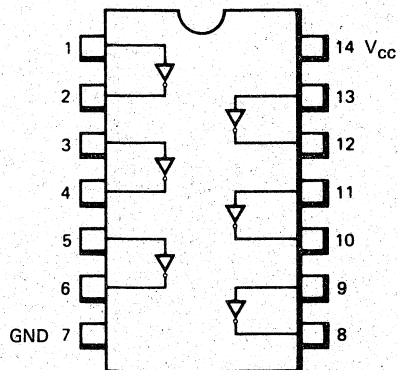
$V_{CC} = +5V$ (Nom.)

DTL (cont'd)

ECG9933 14-Pin DIP See Fig. D6
Dual 4-Input Extender

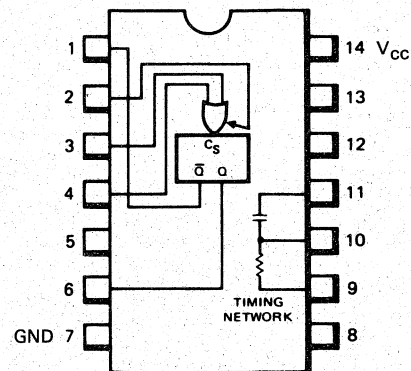


ECG9935 14-Pin DIP See Fig. D6
Extendable Hex Inverter
ECG9936, ECG9937
Hex Inverters



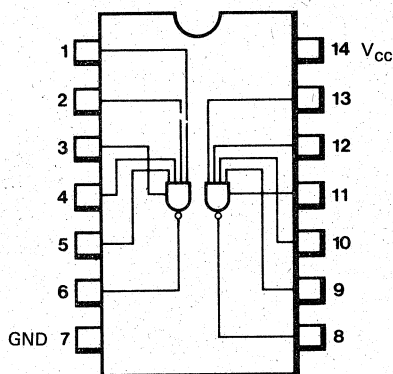
$V_{CC} = +5V$ (Nom.)

ECG9941 14-Pin DIP See Fig. D6
Monostable Multivibrator (Input Clamp Diodes)



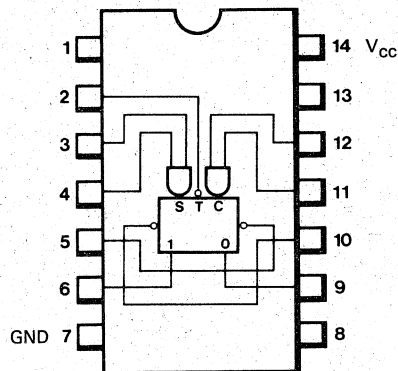
$V_{CC} = +5V$ (Nom.)

ECG9944 14-Pin DIP See Fig. D6
Dual 4-Input Extendable NAND Buffer Gate
(Open Collector)



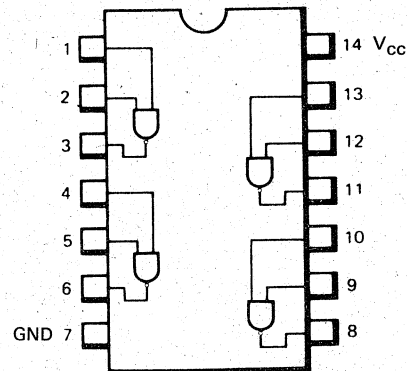
$V_{CC} = +5V$ (Nom.)

ECG9945 14-Pin DIP See Fig. D6
RS Clocked Flip-Flop



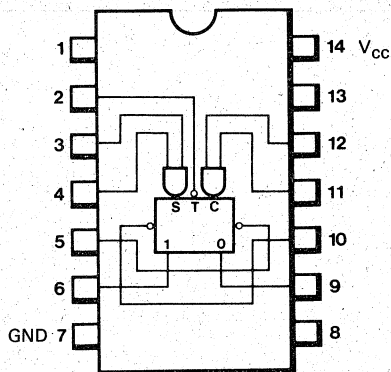
$V_{CC} = +5V$ (Nom.)

ECG9946 14-Pin DIP See Fig. D6
Quad 2-Input NAND Gate



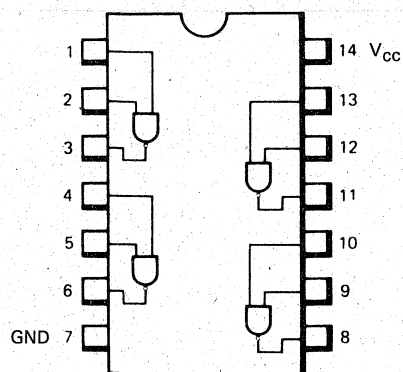
$V_{CC} = +5V$ (Nom.)

ECG9948 14-Pin DIP See Fig. D6
RS Clocked Flip-Flop (Fast)



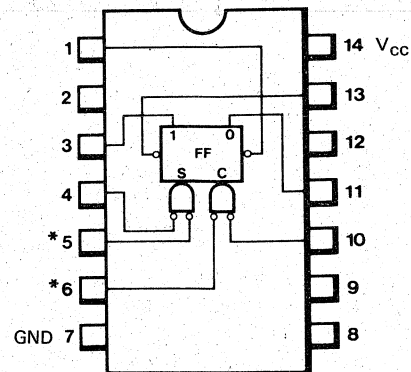
$V_{CC} = +5V$ (Nom.)

ECG9949 14-Pin DIP See Fig. D6
Quad 2-Input NAND Gate (Fast)



$V_{CC} = +5V$ (Nom.)

ECG9950 14-Pin DIP See Fig. D6
A-C Coupled RS Flip-Flop

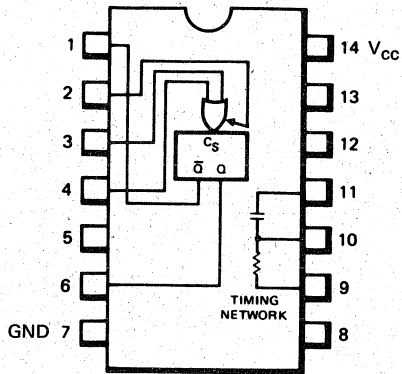


$V_{CC} = +5V$ (Nom.)

* These inputs are capacitively coupled.

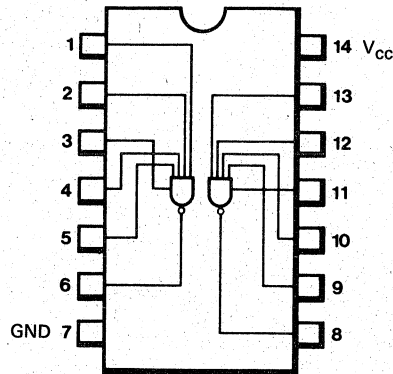
DTL (cont'd)

ECG9951 14-Pin DIP See Fig. D6
Monostable Multivibrator



$V_{CC} = +5\text{ V (Nom.)}$

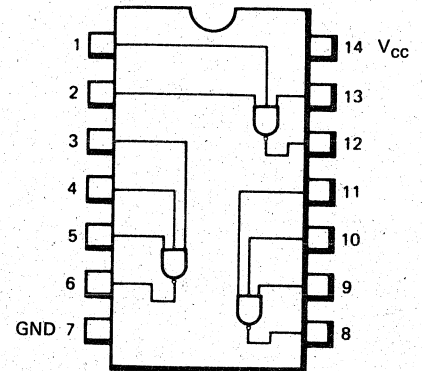
ECG9961 14-Pin DIP See Fig. D6
Dual 4-Input Extendable NAND Gate (Fast)



$V_{CC} = +5\text{ V (Nom.)}$

ECG9962 14-Pin DIP See Fig. D6
Triple 3-Input NAND Gate

ECG9963
Triple 3-Input NAND Gate (Fast)

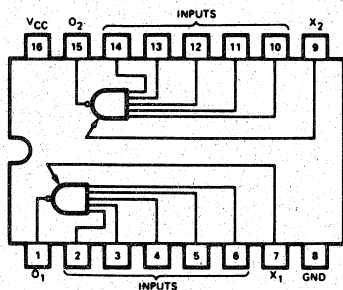


$V_{CC} = +5\text{ V (Nom.)}$

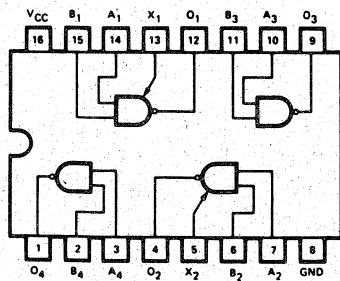
Package Outlines - See Page 1-379

HLL High Level Logic Circuits

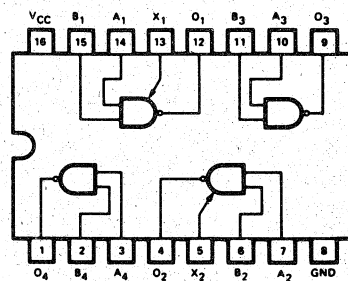
ECG9301 16-Pin DIP See Fig. D8
Dual 5-Input Power NAND Gate (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



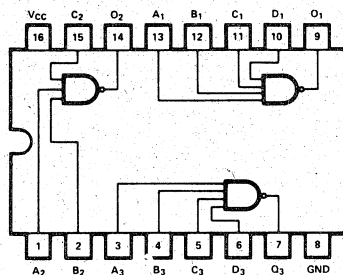
ECG9302 16-Pin DIP See Fig. D8
Quad 2-Input NAND Buffer Gate (Open Collector), $V_{CC} = +15\text{ V}$ (Nom.)



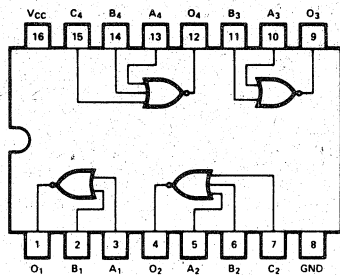
ECG9303 16-Pin DIP See Fig. D8
Quad 2-Input NAND Buffer Gate (Passive Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



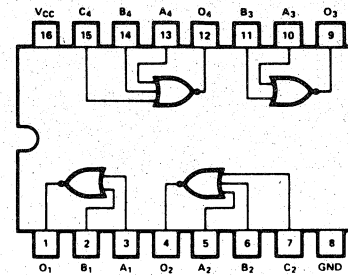
ECG9304 16-Pin DIP See Fig. D8
Triple 4,3,4 Input NAND Gate (Passive Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



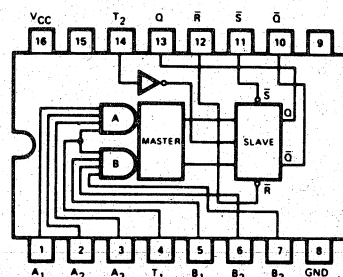
ECG9306 16-Pin DIP See Fig. D8
2,2,3,3 Input NOR Gate (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



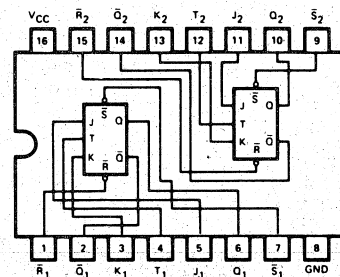
ECG9307 16-Pin DIP See Fig. D8
2,2,3,3 Input NOR Gate (Open Collector), $V_{CC} = +15\text{ V}$ (Nom.)



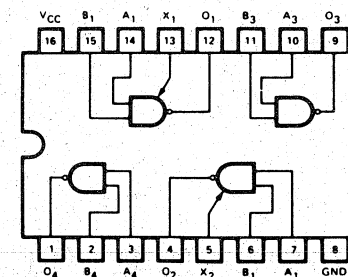
ECG9311 16-Pin DIP See Fig. D8
Master/Slave Flip-Flop (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



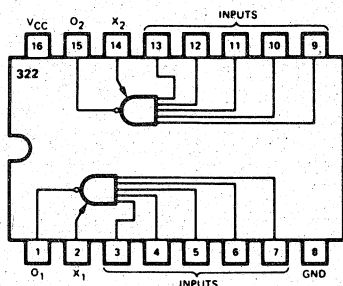
ECG9312 16-Pin DIP See Fig. D8
Dual J-K Flip-Flop (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



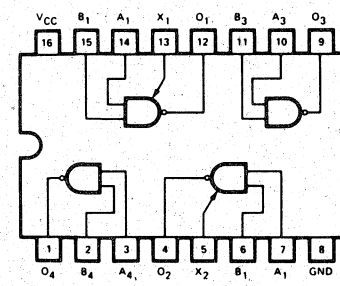
ECG9321 16-Pin DIP See Fig. D8
Quad 2-Input NAND Gate (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



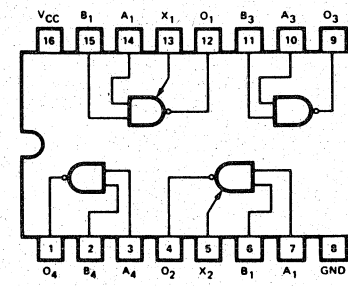
ECG9322 16-Pin DIP See Fig. D8
Dual 5-Input NAND Gate (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



ECG9323 16-Pin DIP See Fig. D8
Quad 2-Input NAND Gate (Open Collector), $V_{CC} = +15\text{ V}$ (Nom.)

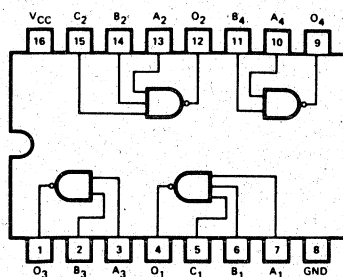


ECG9324 16-Pin DIP See Fig. D8
Quad 2-Input NAND Gate (Passive Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)

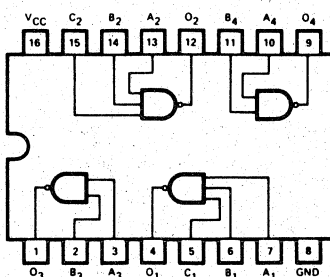


HLL Circuits (cont'd)

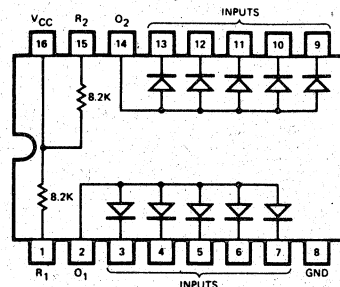
ECG9325 16-Pin DIP See Fig. D8
2,2,3,3 Input NAND Gate (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



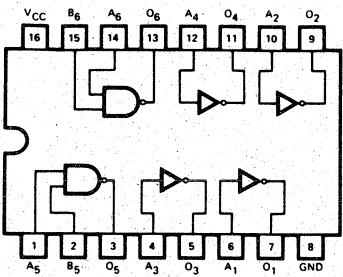
ECG9326 16-Pin DIP See Fig. D8
2,2,3,3 Input NAND Gate (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



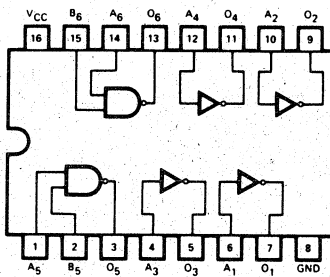
ECG9331 16-Pin DIP See Fig. D8
Dual 5-Input Gate Expander,
 $V_{CC} = +15\text{ V (Nom.)}$



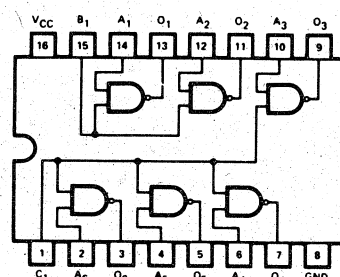
ECG9332 16-Pin DIP See Fig. D8
Hex Inverter Gate (Open Collector),
 $V_{CC} = +15\text{ V (Nom.)}$



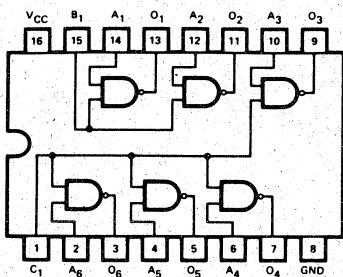
ECG9333 16-Pin DIP See Fig. D8
Hex Inverter Gate (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



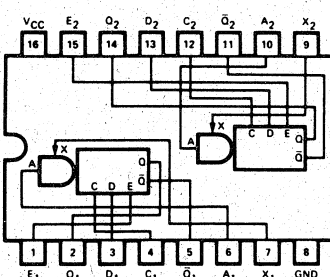
ECG9334 16-Pin DIP See Fig. D8
Strobed Hex Inverter Gate (Open Collector),
 $V_{CC} = +15\text{ V (Nom.)}$



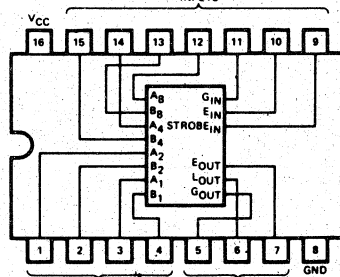
ECG9335 16-Pin DIP See Fig. D8
Strobed Hex Inverter Gate (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



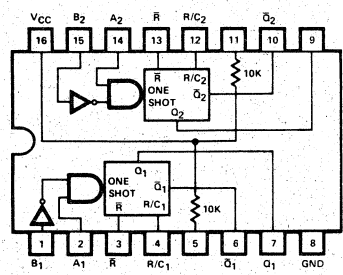
ECG9342 16-Pin DIP See Fig. D8
Dual Monostable Multivibrator (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



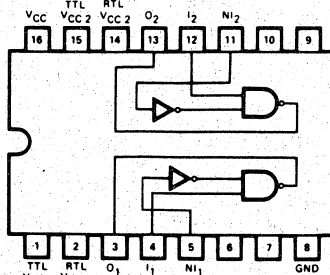
ECG9343 16-Pin DIP See Fig. D8
Four Bit Comparator (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



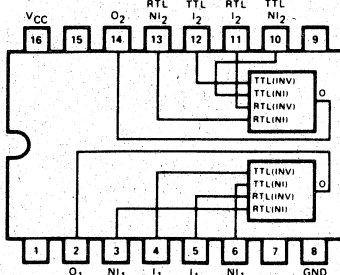
ECG9347 16-Pin DIP See Fig. D8
Dual Retriggerable Monostable Multivibrator
(Active Pull-Up), $V_{CC} = +15\text{ V (Nom.)}$



ECG9361 16-Pin DIP See Fig. D8
Dual Input Interface (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$

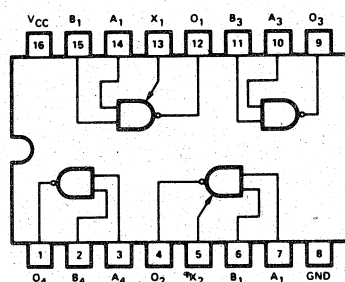


ECG9362 16-Pin DIP See Fig. D8
Dual Output Interface (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$

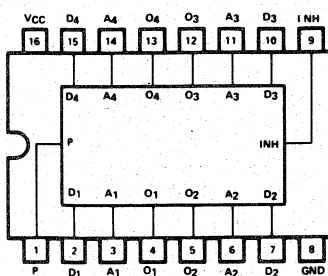


HLL Circuits (cont'd)

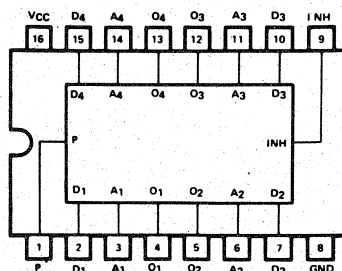
ECG9363 16-Pin DIP See Fig. D8
Quad Output Interface (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



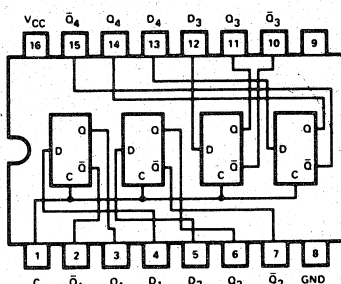
ECG9367 16-Pin DIP See Fig. D8
Quad Schmitt Trigger (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



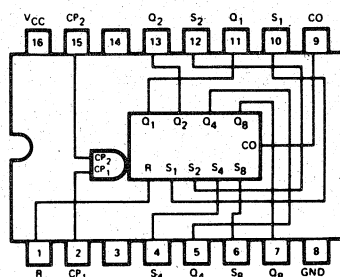
ECG9368 16-Pin DIP See Fig. D8
Quad Schmitt Trigger (Open Collector),
 $V_{CC} = +15\text{ V (Nom.)}$



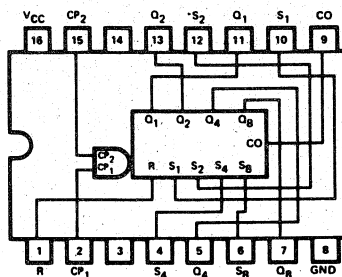
ECG9370 16-Pin DIP See Fig. D8
Quad D Flip-Flop (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



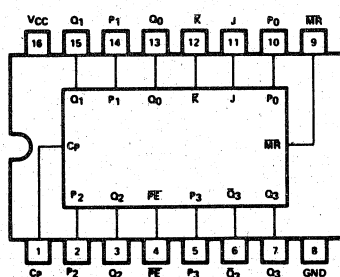
ECG9371 16-Pin DIP See Fig. D8
Decade Counter (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



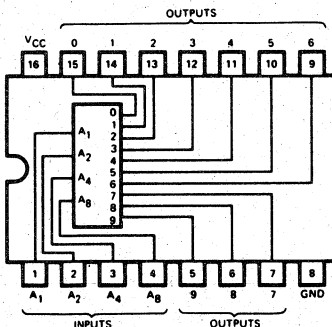
ECG9372 16-Pin DIP See Fig. D8
Hexadecimal Counter (Passive Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



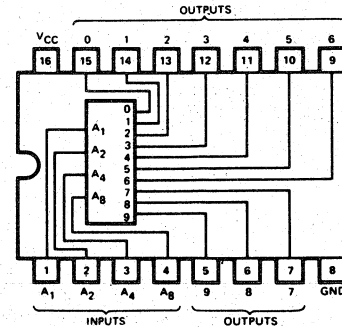
ECG9375 16-Pin DIP See Fig. D8
Four Bit Shift Register (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



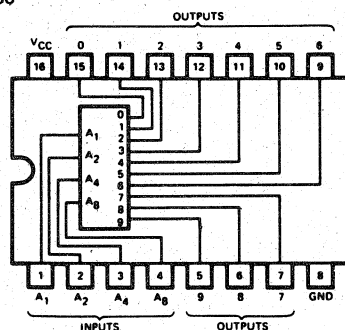
ECG9380 16-Pin DIP See Fig. D8
BCD-to-Decade Decoder/Lamp Driver (Open Collector), $V_{CC} = +15\text{ V (Nom.)}$



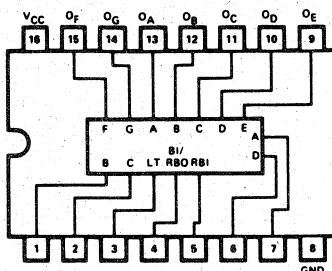
ECG9381 16-Pin DIP See Fig. D8
BCD-to-Decade Decoder/Logic Driver (Open Collector), $V_{CC} = +15\text{ V (Nom.)}$



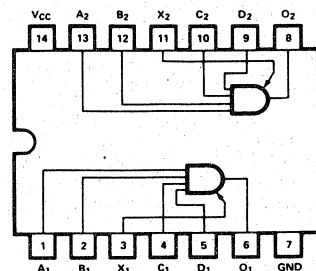
ECG9382 16-Pin DIP See Fig. D8
BCD-to-Decade Decoder/Gas Discharge
(Open Collector) Tube Driver,
 $V_{CC} = +15\text{ V (Nom.)}$



ECG9383 16-Pin DIP See Fig. D8
BCD-to-Seven Segment Decoder/Driver
(Open Collector), $V_{CC} = +15\text{ V (Nom.)}$

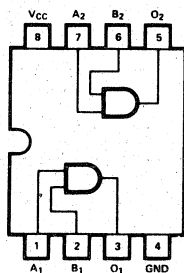


ECG9390 14-Pin DIP See Fig. D6
Dual 4-Input AND Interface Buffer,
 $V_{CC} = +15\text{ V (Nom.)}$

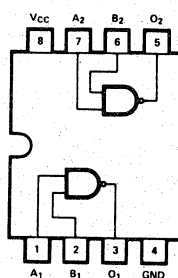


HLL Circuits (cont'd)

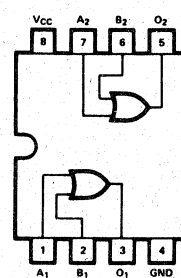
ECG9391 8-Pin DIP See Fig. D4
Dual 2-Input AND Interface Buffer,
 $V_{CC} = +15\text{ V (Nom.)}$



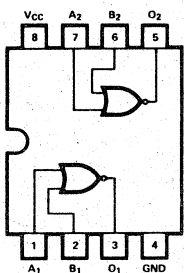
ECG9392 8-Pin DIP See Fig. D4
Dual 2-Input NAND Interface Buffer,
 $V_{CC} = +15\text{ V (Nom.)}$



ECG9393 8-Pin DIP See Fig. D4
Dual 2-Input OR Interface Buffer,
 $V_{CC} = +15\text{ V (Nom.)}$



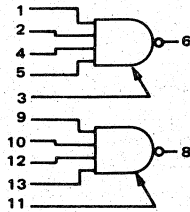
ECG9394 8-Pin DIP See Fig. D4
Dual 2-Input NOR Interface Buffer,
 $V_{CC} = +15\text{ V (Nom.)}$



Package Outlines - See Page 1-379

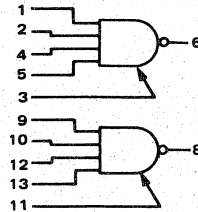
HTL High Threshold Logic

ECG9660 14-Pin DIP See Fig. D6
Expandable Dual 4-Input NAND Gate (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



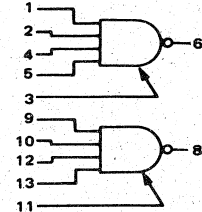
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9661 14-Pin DIP See Fig. D6
Expandable 4-Input NAND Gate (Passive Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



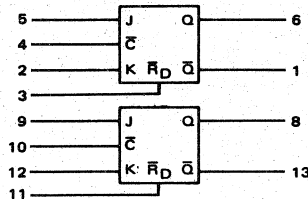
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9662 14-Pin DIP See Fig. D6
Expandable 4-Input Line NAND Driver (Active Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



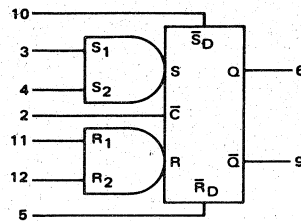
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9663 14-Pin DIP See Fig. D6
Dual J-K Flip-Flop, $V_{CC} = +15\text{ V}$ (Nom.)



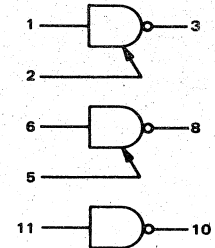
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9664 14-Pin DIP See Fig. D6
M/S R-S Flip-Flop, $V_{CC} = +15\text{ V}$ (Nom.)



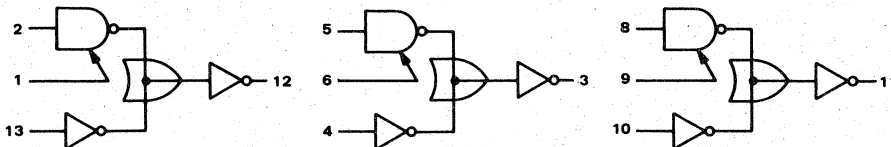
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9665 14-Pin DIP See Fig. D6
Triple Level Translator $t_p = 40\text{ ns}$ Typ, $V_{CC} = +15\text{ V}$ (Nom.)



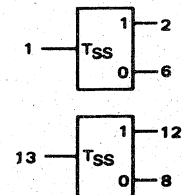
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9666 14-Pin DIP See Fig. D6
Triple Level Translator $t_p = 75\text{ ns}$ Typ, $V_{CC} = +15\text{ V}$ (Nom.)



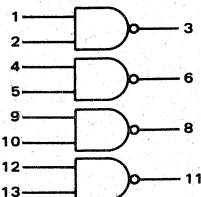
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9667 14-Pin DIP See Fig. D6
Dual Monostable Multivibrator, $V_{CC} = +15\text{ V}$ (Nom.)



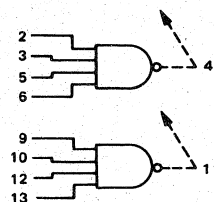
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9668 14-Pin DIP See Fig. D6
Quad 2-Input NAND Gate (Passive Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



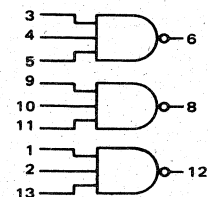
$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

ECG9669 14-Pin DIP See Fig. D6
Dual 4-Input Expander, $V_{CC} = +15\text{ V}$ (Nom.)



$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

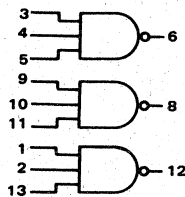
ECG9670 14-Pin DIP See Fig. D6
Triple 3-Input NAND Gate (Passive Pull-Up), $V_{CC} = +15\text{ V}$ (Nom.)



$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

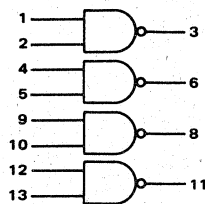
HTL (cont'd)

ECG9671 14-Pin DIP See Fig. D6
Triple 3-Input NAND Gate (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



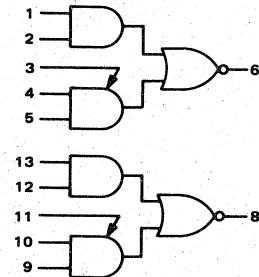
$V_{CC} = \text{Pin 14, GND} = \text{Pin 7}$

ECG9672 14-Pin DIP See Fig. D6
Quad 2-Input NAND Gate (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



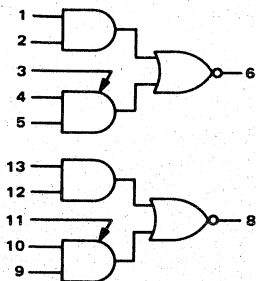
$V_{CC} = \text{Pin 14, GND} = \text{Pin 7}$

ECG9673 14-Pin DIP See Fig. D6
Dual-Input AND/OR/Invert Gate (Active Pull-Up), $V_{CC} = +15\text{ V (Nom.)}$



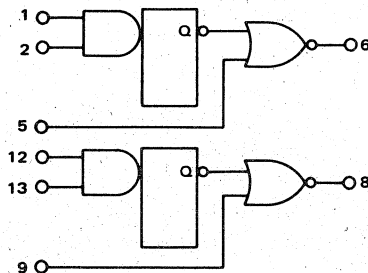
$V_{CC} = \text{Pin 14, GND} = \text{Pin 7}$

ECG9674 14-Pin DIP See Fig. D6
Dual 2-Input AND/OR/Invert Gate (Passive Pull-Up), $V_{CC} = +15\text{ V (Nom.)}$



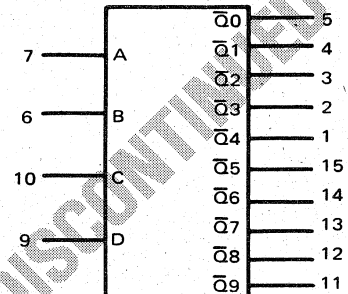
$V_{CC} = \text{Pin 14, GND} = \text{Pin 7}$

ECG9675 14-Pin DIP See Fig. D6
Dual Pulse Stretcher, $V_{CC} = +15\text{ V (Nom.)}$



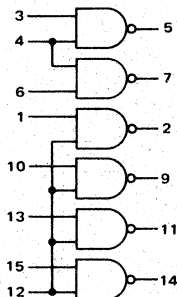
$V_{CC} = \text{Pin 14, GND} = \text{Pin 7}$

ECG9676 16-Pin DIP See Fig. D8
BCD-to-Decimal Decoder Driver,
 $V_{CC} = +15\text{ V (Nom.)}$



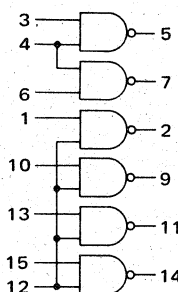
$V_{CC} = \text{Pin 16, GND} = \text{Pin 8}$

ECG9677 16-Pin DIP See Fig. D8
Hex Inverter with Strobe (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$



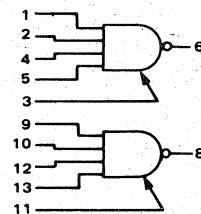
$V_{CC} = \text{Pin 16, GND} = \text{Pin 8}$

ECG9678 16-Pin DIP See Fig. D8
Hex Inverter with Strobe (Without Output Resistors), $V_{CC} = +15\text{ V (Nom.)}$



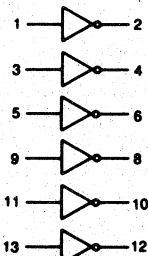
$V_{CC} = \text{Pin 16, GND} = \text{Pin 8}$

ECG9679 14-Pin DIP See Fig. D6
Dual Lamp/Line Driver, $V_{CC} = +15\text{ V (Nom.)}$



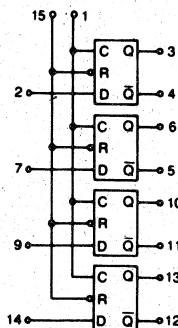
ECG9680 14-Pin DIP See Fig. D6
Hex Inverter (Active Pull-Up),
 $V_{CC} = +15\text{ V (Nom.)}$

ECG9681 Hex Inverter (Open Collector),
 $V_{CC} = +15\text{ V (Nom.)}$



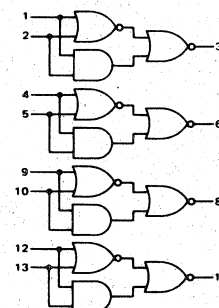
$V_{CC} = \text{Pin 14, GND} = \text{Pin 7}$

ECG9682 16-Pin DIP See Fig. D8
Quad Latch, $V_{CC} = +15\text{ V (Nom.)}$



$V_{CC} = \text{Pin 16, GND} = \text{Pin 8}$

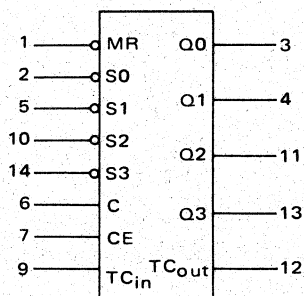
ECG9683 14-Pin DIP See Fig. D6
Quad 2-Input Exclusive OR Gate,
 $V_{CC} = +15\text{ V (Nom.)}$



$V_{CC} = \text{Pin 14, GND} = \text{Pin 7}$

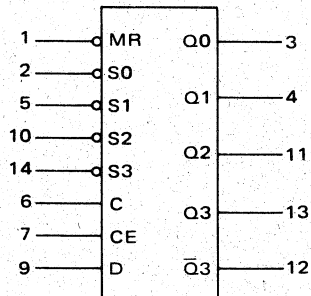
HTL (cont'd)

ECG9684 16-Pin DIP See Fig. D8
Decade Counter, $V_{CC} = +15\text{ V}$ (Nom.)
ECG9685
Binary Counter, $V_{CC} = +15\text{ V}$ (Nom.)



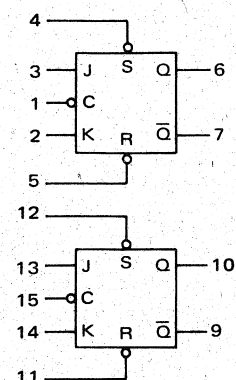
$V_{CC} = \text{Pin } 16, \text{ GND} = \text{Pin } 8$

ECG9686 16-Pin DIP See Fig. D8
4-Bit Shift Register, $V_{CC} = +15\text{ V}$ (Nom.)



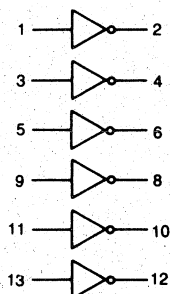
$V_{CC} = \text{Pin } 16, \text{ GND} = \text{Pin } 8$

ECG9688 16-Pin DIP See Fig. D8
Dual J-K Flip-Flop, $V_{CC} = +15\text{ V}$ (Nom.)



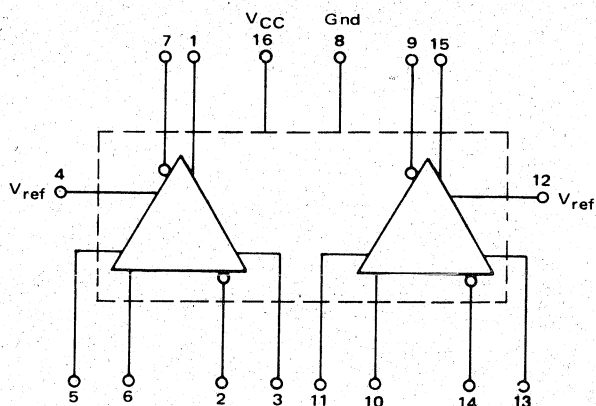
$V_{CC} = \text{Pin } 16, \text{ GND} = \text{Pin } 8$

ECG9689 14-Pin DIP See Fig. D6
Hex Inverter (High Voltage),
 $V_{CC} = +15\text{ V}$ (Nom.)
ECG9690
Hex Inverter (Active Pull-Up),
 $V_{CC} = +15\text{ V}$ (Nom.)
ECG9691
Hex Inverter/Interface Element,
 $V_{CC} = +15\text{ V}$ (Nom.)



$V_{CC} = \text{Pin } 14, \text{ GND} = \text{Pin } 7$

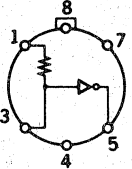
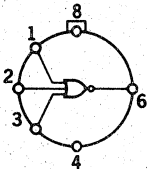
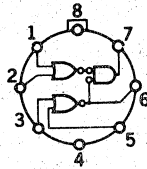
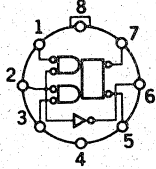
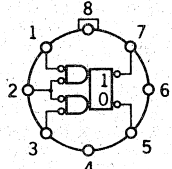
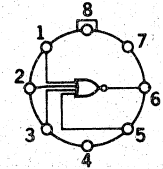
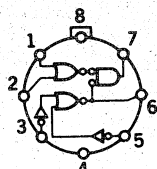
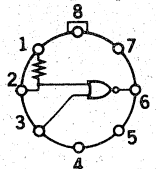
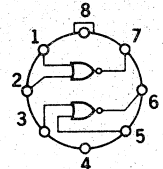
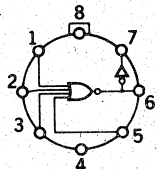
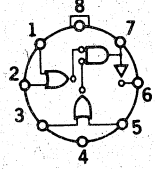
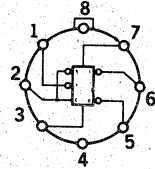
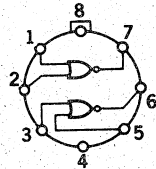
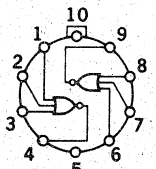
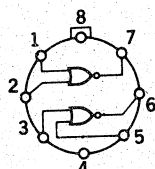
ECG9696 16-Pin DIP See Fig. D8
Dual Interface Element, Line Driver/
Receiver, $V_{CC} = +15\text{ V}$ (Nom.)



$V_{CC} = \text{Pin } 16, \text{ GND} = \text{Pin } 8$

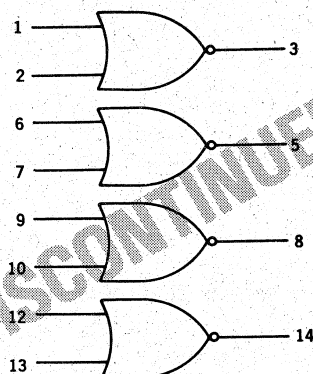
Package Outlines - See Page 1-379

RTL Resistor-Transistor Logic

<p>ECG9900 8-Pin Can See Fig. D2 Buffer-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9903 8-Pin Can See Fig. D2 3-Input NOR Gate-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9904 8-Pin Can See Fig. D2 Half Adder-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>
<p>ECG9905 8-Pin Can See Fig. D2 Half-Shift Register-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9906 8-Pin Can See Fig. D2 Half-Shift Register W I/O-Inverter-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9907 8-Pin Can See Fig. D2 4-Input NOR Gate-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>
<p>ECG9908 8-Pin Can See Fig. D2 Adder and Exclusive OR-Low Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9909 8-Pin Can See Fig. D2 Buffer-Low Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9910 8-Pin Can See Fig. D2 Dual 2-Input NOR Gate-Low Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>
<p>ECG9911 8-Pin Can See Fig. D2 4-Input NOR Gate and Inverter-Low Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9912 8-Pin Can See Fig. D2 Half Adder-Low Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9913 8-Pin Can See Fig. D2 Type "D" Flip-Flop-Low Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>
<p>ECG9914 8-Pin Can See Fig. D2 Dual 2-Input NOR Gate-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>	<p>ECG9915 10-Pin Can See Fig. D3 Dual 3-Input NOR Gate-Medium Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 10, GND} = \text{Pin 5}$</p>	<p>ECG9921 8-Pin Can See Fig. D2 Gate Expander-Low Power, $V_{CC} = +3.6 \text{ V (Nom.)}$</p>  <p>$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$</p>

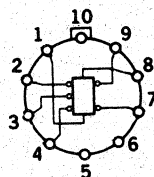
RTL (cont'd)

ECG9924 14-Pin DIP See Fig. D6
Quad 2-Input NOR Gate-Medium Power,
 $V_{CC} = +3.6$ V (Nom.)



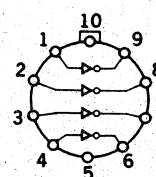
$V_{CC} = \text{Pin 11, GND} = \text{Pin 4}$

ECG9926 10-Pin Can See Fig. D3
J-K Flip-Flop-Medium Power,
 $V_{CC} = +3.6$ V (Nom.)



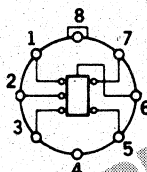
$V_{CC} = \text{Pin 10, GND} = \text{Pin 5}$

ECG9927 10-Pin Can See Fig. D3
Quad Inverter-Medium Power,
 $V_{CC} = +3.6$ V (Nom.)



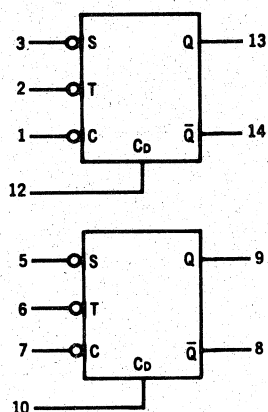
$V_{CC} = \text{Pin 10, GND} = \text{Pin 5}$

ECG9974 8-Pin Can See Fig. D2
J-K Flip-Flop, $V_{CC} = +3.6$ V (Nom.)



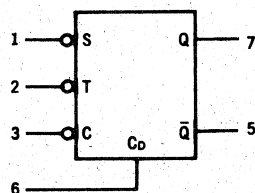
$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$

ECG9976 14-Pin DIP See Fig. D6
Dual J-K Flip-Flop-Low Power,
 $V_{CC} = +3.6$ V (Nom.)



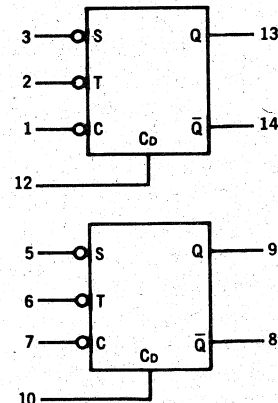
$V_{CC} = \text{Pin 11, GND} = \text{Pin 4}$

ECG9982 8-Pin Can See Fig. D2
J-K Flip-Flop, $V_{CC} = +3.6$ V (Nom.)



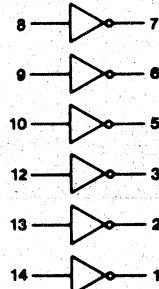
$V_{CC} = \text{Pin 8, GND} = \text{Pin 4}$

ECG9990 14-Pin DIP See Fig. D6
Dual J-K Flip-Flop, $V_{CC} = +3.6$ V (Nom.)



$V_{CC} = \text{Pin 11, GND} = \text{Pin 4}$

ECG9989 14-Pin DIP See Fig. D6
Hex Inverter-Medium Power,
 $V_{CC} = +3.6$ V (Nom.)



$V_{CC} = \text{Pin 11, GND} = \text{Pin 4}$

Package Outlines - See Page 1-379

TTL Selector Guide

● AND Gates

Dual 4-Input

ECG7421
ECG74H21
ECG74LS21

Triple 3-Input

ECG7411
ECG74H11
ECG74LS11
ECG74S11

Quad 2-Input

ECG7408
ECG74C08
ECG74H08
ECG74LS08
ECG74S08

● AND Gates with Open Collector Output

Triple 3-Input

ECG74LS15
ECG74S15

Quad 2-Input

ECG7409
ECG74LS09
ECG74S09

● AND/OR/Invert Gates

2-Wide 4-Input

ECG74LS55

Dual 2-Wide 2-Input

ECG7451
ECG74H51
ECG74S51

Dual 2-Wide 2-2-3-2-Input

ECG74LS51

4-Wide 2-Input

ECG7454

4-Wide 2-2-3-2-Input

ECG74H54

4-Wide 3-2-2-3-Input

ECG74LS54

4-Wide 4-2-3-2-Input

ECG74S64

● AND/OR/Invert Gates with Open Collector Output

4-Wide 4-2-3-2-Input

ECG74S65

● Arithmetic & Logic Function Devices

Adders

1-Bit

ECG7480

2-Bit

ECG7482

4-Bit

ECG7483
ECG74LS83A
ECG74LS283

Dual Carry/Save

ECG74H183

Look-Ahead Carry-Generator

ECG74182

True/Complement Zero/One Element

ECG74H87

4-Bit Arithmetic Logic Unit/Function Generator

ECG74181
ECG74LS181
ECG74S181

4-Bit Magnitude Comparator

ECG7485
ECG74C85
ECG74LS85

4 x 4 Register Files

ECG74170
ECG74LS170
ECG74LS670

6-Bit Binary Rate Multiplier

ECG7497

9-Bit Parity Generator/Checker

ECG74180
ECG74LS280

● Buffer Gates

Quad 2-Input NAND

ECG7437
ECG74LS37

Quad 2-Input NOR

ECG7428
ECG74LS28

Dual 4-Input NAND

ECG7440
ECG74H40
ECG74LS40
ECG74S40

● Buffer Gates with Open Collector Output

Hex

ECG7406
ECG7407
ECG7416
ECG7417

Quad

ECG74125
ECG74LS125A
ECG74126
ECG74LS126

Quad 2-Input NAND

ECG7438
ECG74LS38
ECG7439

Quad 2-Input NOR

ECG7433
ECG74LS33

● Buffers/Drivers

Hex Inverting

ECG7406
ECG7416
ECG80C96

Hex Non-Inverting

ECG7407
ECG7417
ECG80C95
ECG80C97

Octal Inverting

ECG74C240
ECG74LS240
ECG74LS540

Octal Non-Inverting

ECG74LS241
ECG74C244
ECG74LS244
ECG74LS541

● Bus Drivers

Hex Inverting

ECG74366
ECG74LS366A
ECG74368
ECG74LS368
ECG80C96

Hex Non-Inverting

ECG74365
ECG74LS365A
ECG74367
ECG74LS367
ECG80C95
ECG80C97

● Bus Transceivers

Octal Inverting

ECG74LS640
ECG74LS642

Octal Inverting/Non-Inverting

ECG74LS643

Octal Non-Inverting

ECG74LS245
ECG74LS641
ECG74LS645

Quad Inverting

ECG74LS242

Quad Non-Inverting

ECG74LS243

● Counters, Asynchronous

Decade

ECG7490
ECG74C90
ECG74LS90
ECG74290
ECG74LS290

Dual Decade

ECG74390
ECG74LS390
ECG74490
ECG74LS490

4-Bit Binary

ECG7493A
ECG74C93
ECG74L93
ECG74LS93
ECG74293
ECG74LS293

Dual 4-Bit Binary

ECG74393
ECG74LS393

Divide-By-N

ECG8520

Divide-By-12

ECG7492
ECG74LS92

● Counters, Synchronous

Decade

ECG74160
ECG74LS160A
ECG74162
ECG74LS162A
ECG8555

TTL Selector Guide (cont'd)

4-Bit Binary

ECG74161
ECG74C161
ECG74LS161A
ECG74163
ECG74LS163A
ECG8316
ECG8556
ECG93L16

● Counters, Up/Down

Decade

ECG74LS168A
ECG74190
ECG74LS190
ECG74192
ECG74C192
ECG74LS192

4-Bit Binary

ECG74LS169A
ECG74191
ECG74LS191
ECG74193
ECG74C193
ECG74LS193

● Counter/Latch

Decade

ECG74176
ECG74196
ECG74LS196
ECG8552

4-Bit Binary

ECG74177
ECG74197
ECG74LS197
ECG8554

● Counters with Decoder/Drivers

4-Bit Counters with 7-Segment Output

ECG74142
ECG74143
ECG74144

4-Digit with Multiplexed 7-Segment Output

ECG74C925

● Data Selectors/Multiplexers

Dual 4-Line-to-1-Line

ECG74153
ECG74LS153
ECG74S153
ECG74LS253
ECG74LS352
ECG74LS353
ECG8309

Quad 2-Line-to-1-Line

ECG74157
ECG74C157
ECG74LS157
ECG74S157
ECG74158
ECG74LS158
ECG74S158
ECG74LS257
ECG74LS258
ECG74S258
ECG8123
ECG8233

Quad 2-Line-to-1-Line with Storage

ECG74LS298
ECG74LS398
ECG74LS399

Quad 2-Line-to-1-Line (Open Collector)

ECG8234
ECG8235
ECG8266

8-Line-to-1-Line

ECG74151
ECG74C151
ECG74LS151
ECG74S151
ECG74152
ECG74251
ECG74LS251
ECG74S251

16-Line-to-1-Line

ECG74150
ECG8219

● Decoders, 4-Line-to-10-Line

BCD-to-Decimal

ECG7442
ECG74C42
ECG74LS42
ECG8301

Excess-3-to-Decimal

ECG7443

Excess-3-Gray-to-Decimal

ECG7444

● Decoder/Demultiplexers

Dual 2-Line-to-4-Line

ECG74LS139
ECG74155
ECG74LS155
ECG8321

Dual 2-Line-to-4-Line (Open Collector)

ECG74156
ECG74LS156

4-Line-to-16-Line

ECG74154
ECG74C154

3-Line-to-8-Line

ECG74LS138
ECG74S138

● Display Decoder/Drivers

BCD-to-Decimal - Drives Cold Cathode Tubes

ECG74141

BCD-to-Decimal - Drives Gas Filled Tubes

ECG7441

BCD-to-Decimal (Open Collector)

ECG7445
ECG74145
ECG74LS145

BCD-to-7-Segment (Open Collector)

ECG7446
ECG7447
ECG74LS47
ECG74LS49
ECG74LS247
ECG74249
ECG74LS249

BCD-to-7-Segment

ECG7448
ECG74C48
ECG74LS48
ECG74LS248

● Display Decoder/Drivers with Input Latches

Hexadecimal-to-7-Segment - Drives Common Anode LED

ECG8374

Hexadecimal-to-7-Segment - Drives Common Cathode LED

ECG8368

Hexadecimal-to-7-Segment - Open Collector Output

ECG8370

● Display Decoder/Driver with Counter

BCD-to-Decimal - Drives Gas Filled Tubes

ECG74142

BCD-to-7-Segment - Drives Common Cathode LED

ECG74143

BCD-to-7-Segment - Open Collector Output

ECG74144

4-Digit Counter with Multiplexed 7-Segment Output

ECG74C925

● Encoders

Keyboard Encoders

ECG74C922
ECG74C923

8-Line-to-3-Line - Octal Priority Encoder

ECG74LS148
ECG74LS348
ECG8318

10-Line-to-4-Line - Decimal-to-BCD Priority Encoder

ECG74147
ECG74LS147

● Exclusive OR Gates

Quad 2-Input

ECG7486
ECG74H86
ECG74LS86
ECG74S86
ECG74LS386

● Exclusive OR Gates with Open Collector Output

Quad 2-Input

ECG74136
ECG74LS136

● Exclusive NOR Gates with Open Collector Output

Quad 2-Input

ECG74LS266

● Expandable Gates

Dual 2-Wide 2-Input AND/OR/Invert

ECG7450
ECG74H50

Dual 4-Input NOR

ECG7423

2-Wide 4-Input AND/OR/Invert

ECG74H55

TTL Selector Guide (cont'd)

4-Wide 2-Input AND/OR/ Invert

ECG7453

4-Wide 2-2-3-2-Input AND/OR/ Invert

ECG74H52

ECG74H53

● Expandable AND/OR/Invert Gates

Dual 2-Wide 2-Input

ECG7450

ECG74H50

2-Wide 4-Input

ECG74H55

4-Wide 2-Input

ECG7453

4-Wide 2-2-3-2-Input

ECG74H52

ECG74H53

● Expander Gates

Dual 4-Input

ECG7460

ECG74H60

Triple 3-Input

ECG74H61

4-Wide 2-3-3-2-Input

ECG74H62

● Flip-Flops, Master-Slave (M-S) Types

Dual J-K

ECG7473

ECG74H73

ECG7476

ECG74H76

ECG74H78

ECG74107

ECG74111

Gated J-K

ECG74H71

ECG7472

ECG74H72

ECG74110

● Flip-Flops, J-K Edge Triggered Types

Dual J-K Negative Edge Triggered

ECG74C73

ECG74LS73

ECG74C76

ECG74LS76A

ECG74LS78

ECG74H103

ECG74H106

ECG74C107

ECG74LS107

ECG74H108

ECG74LS112A

ECG74S112

ECG74LS113

ECG74S113

ECG74LS114

ECG74S114

Dual J-K Positive Edge Triggered

ECG74109

ECG74LS109A

Gated J-K Positive Edge Triggered

ECG7470

Gated J-K Negative Edge Triggered

ECG74H101

ECG74H102

● Flip-Flops, "D" Types

Dual

ECG7474

ECG74C74

ECG74H74

ECG74LS74A

ECG74S74

Hex

ECG74174

ECG74C174

ECG74LS174

ECG74S174

ECG74LS378

Octal

ECG74LS273

ECG74LS364

ECG74C374

ECG74LS374

ECG74LS377

Quad

ECG74175

ECG74C175

ECG74LS175

ECG74S175

ECG74LS379

ECG8613

● Interface Gates, Hi-Voltage with Open Collector Output

Hex Inverting

ECG7406

ECG7416

Hex Non-Inverting

ECG7407

ECG7417

Quad 2-Input NAND

ECG7426

ECG74LS26

● Interface Buffers, Level Shifting

Hex Inverting

ECG74C901

ECG74C903

Hex Non-Inverting

ECG74C902

ECG74C904

● Inverters

Hex

ECG7404

ECG74C04

ECG74H04

ECG74LS04

ECG74S04

● Inverters with Open Collector Output

Hex

ECG7405

ECG74H05

ECG74LS05

ECG74S05

ECG7406

ECG7416

● Latches

Dual 4-Bit

ECG8308

ECG93L08

Octal "D"

ECG74LS363

ECG74C373

ECG74LS373

Quad S - R

ECG74LS279

Quad Latch

ECG8314

4-Bit Bistable

ECG7475

ECG74LS75

ECG74LS77

8-Bit Addressable

ECG74LS259

● Level Shifters (See Interface Buffers)

● Line Drivers and Receivers

Dual 4-Input NAND 50 Ohm Line Driver

ECG74S140

Dual Differential Line Receiver

ECG9615

Octal Inverting Line Driver/ Receiver

ECG74C240

ECG74LS240

ECG74LS540

Octal Non-Inverting Line Driver/Receiver

ECG74LS241

ECG74C244

ECG74LS244

ECG74LS541

Quad 2-Input NOR 50 Ohm Line Driver

ECG74128

● Multiplexers (See Data Selectors)

● Multivibrators, Monostable (One Shots)

Monostable

ECG74121

Retriggerable/Resetable Monostable

ECG9600

Dual Retriggerable/Resetable Monostable

ECG8853

ECG9602

ECG96L02

ECG96LS02

ECG96S02

Retriggerable Monostable

ECG74122

ECG74LS122

ECG74221

ECG74C221

ECG74LS221

ECG9601

Dual Retriggerable Monostable

ECG74123

ECG74LS123

TTL Selector Guide (cont'd)

● NAND Gates

Quad 2-Input

ECG7400
ECG74C00
ECG74H00
ECG74LS00
ECG74S00
ECG7437
ECG74LS37

Triple 3-Input

ECG7410
ECG74C10
ECG74H10
ECG74LS10
ECG74S10

Dual 4-Input

ECG7420
ECG74C20
ECG74H20
ECG74LS20
ECG74S20
ECG7440
ECG74H40
ECG74LS40
ECG74S40

Dual 5-Input

ECG8092

8-Input

ECG7430
ECG74C30
ECG74H30
ECG74LS30
ECG74S30

12-Input

ECG74S134

13-Input

ECG74LS133
ECG74S133

● NAND Gates with Open Collector Output

Quad 2-Input

ECG7401
ECG74H01
ECG74LS01
ECG7403
ECG74LS03
ECG74S03
ECG7426
ECG74LS26
ECG7438
ECG74LS38
ECG7439

Triple 3-Input

ECG7412
ECG74LS12

Dual 4-Input

ECG7422
ECG74H22
ECG74LS22
ECG74S22

● NOR Gates

Quad 2-Input

ECG7402
ECG74C02
ECG74LS02
ECG74S02
ECG7428
ECG74LS28

Triple 3-Input

ECG7427
ECG74LS27

Dual 4-Input

ECG7425

Dual 5-Input

ECG74LS260

Expandable Dual 4-Input

ECG7423

● NOR Gates with Open Collector Output

Quad 2-Input

ECG7433
ECG74LS33

● OR Gates

Quad 2-Input

ECG7432
ECG74C32
ECG74LS32

● Registers

Quad I/O

ECG8542

4-Bit "D"

ECG74173
ECG74C173
ECG74LS173

● Schmitt Triggers

Dual 4-Input NAND

ECG7413
ECG74LS13

Hex Inverter

ECG7414
ECG74C14
ECG74LS14

Quad 2-Input NAND

ECG74132
ECG74LS132

● Shift Registers

4-Bit Parallel-In/Serial Out

ECG7494

4-Bit Parallel

ECG74178
ECG74179
ECG74195
ECG74LS195A

4-Bit Universal

ECG74LS395A

4-Bit Bidirectional Universal

ECG74LS194A
ECG74S194
ECG74LS295A

4-Bit Bidirectional Parallel

ECG7495
ECG74C95
ECG74LS95B

5-Bit Serial-In/Parallel-Out or Parallel-In/Serial-Out

ECG7496

8-Bit Serial

ECG7491
ECG74LS91

8-Bit Serial-In/Parallel-Out

ECG74164
ECG74C164
ECG74LS164

8-Bit Parallel-In/Serial-Out

ECG74165
ECG74LS165

8-Bit Universal

ECG74199

8-Bit Bidirectional Universal

ECG74198
ECG74LS299

8-Bit Serial or Parallel-In/Parallel-Out

ECG74166
ECG74LS166

Dual 8-Bit Serial

ECG8328

● Voltage Controlled Oscillators (VCO)

Single

ECG74LS624

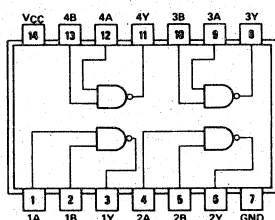
Dual

ECG74S124
ECG74LS625
ECG74LS626
ECG74LS627
ECG74LS629

TTL Logic Diagrams ($V_{CC} = +5 \text{ V Nom.}$)

Diag. 1 14-Pin DIP See Fig. D6

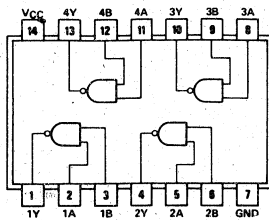
**ECG7400, ECG74C00, ECG74H00,
ECG74LS00, ECG74S00**



Quad 2-Input NAND Gate

Diag. 2 14-Pin DIP See Fig. D6

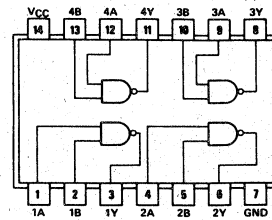
(See Also Diag. 3)
ECG7401, ECG74LS01



Quad 2-Input NAND Gate with Open
Collector Output

Diag. 3 14-Pin DIP See Fig. D6

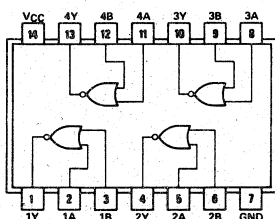
(See Also Diag. 2)
ECG74H01



Quad 2-Input NAND Gate with Open
Collector Output

Diag. 4 14-Pin DIP See Fig. D6

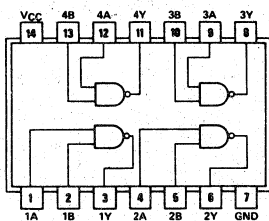
**ECG7402, ECG74C02, ECG74LS02,
ECG74S02**



Quad 2-Input NOR Gate

Diag. 5 14-Pin DIP See Fig. D6

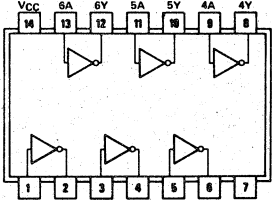
ECG7403, ECG74LS03, ECG74S03



Quad 2-Input NAND Gate with Open
Collector Output

Diag. 6 14-Pin DIP See Fig. D6

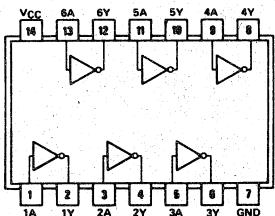
**ECG7404, ECG74C04, ECG74H04,
ECG74LS04, ECG74S04**



Hex Inverter

Diag. 7 14-Pin DIP See Fig. D6

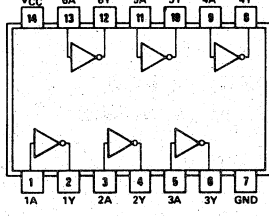
**ECG7405, ECG74H05, ECG74LS05,
ECG74S05**



Hex Inverter with Open Collector Output

Diag. 8 14-Pin DIP See Fig. D6

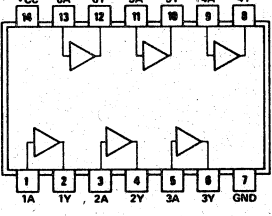
ECG7406



Hex Inverter/Buffer with Hi-Volt (30 V) Open
Collector Output

Diag. 9 14-Pin DIP See Fig. D6

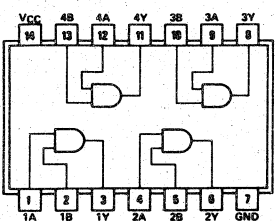
ECG7407



Hex Buffer with Hi-Volt (30 V) Open
Collector Output

Diag. 10 14-Pin DIP See Fig. D6

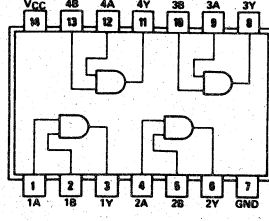
**ECG7408, ECG74C08, ECG74H08,
ECG74LS08, ECG74S08**



Quad 2-Input AND Gate

Diag. 11 14-Pin DIP See Fig. D6

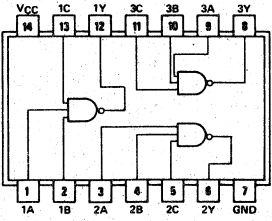
ECG7409, ECG74LS09, ECG74S09



Quad 2-Input AND Gate with Open Collector
Output

Diag. 12 14-Pin DIP See Fig. D6

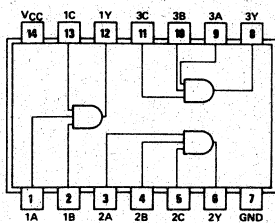
**ECG7410, ECG74C10, ECG74H10,
ECG74LS10, ECG74S10**



Triple 3-Input NAND Gate

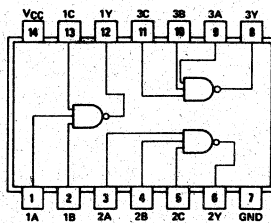
TTL Logic Diagrams (cont'd)

Diag. 13 14-Pin DIP See Fig. D6
**ECG7411, ECG74H11, ECG74LS11,
ECG74S11**



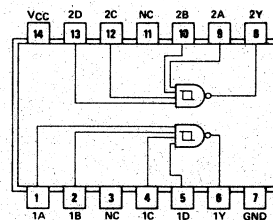
Triple 3-Input AND Gate

Diag. 14 14-Pin DIP See Fig. D6
ECG7412, ECG74LS12



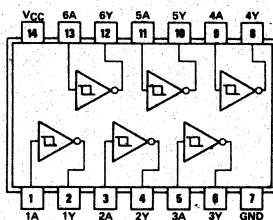
Triple 3-Input NAND Gate with Open Collector Output

Diag. 15 14-Pin DIP See Fig. D6
ECG7413, ECG74LS13



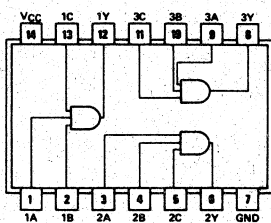
Dual 4-Input NAND Schmitt Trigger

Diag. 16 14-Pin DIP See Fig. D6
ECG7414, ECG74C14, ECG74LS14



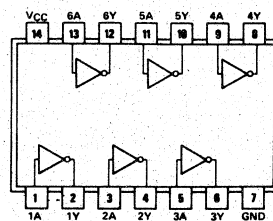
Hex Schmitt Trigger Inverter

Diag. 17 14-Pin DIP See Fig. D6
ECG74LS15, ECG74S15



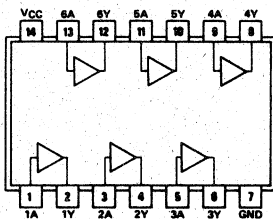
Triple 3-Input AND Gate with Open Collector Output

Diag. 18 14-Pin DIP See Fig. D6
ECG7416



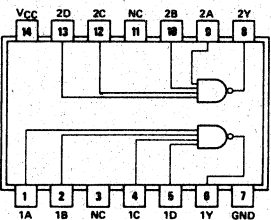
Hex Inverter/Buffer with Hi-Volt (15 V) Open Collector Output

Diag. 19 14-Pin DIP See Fig. D6
ECG7417



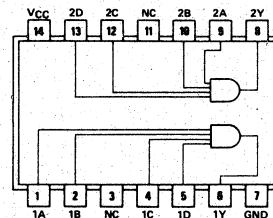
Hex Buffer with Hi-Volt (15 V) Open Collector Output

Diag. 20 14-Pin DIP See Fig. D6
**ECG7420, ECG74C20, ECG74H20,
ECG74LS20, ECG74S20**



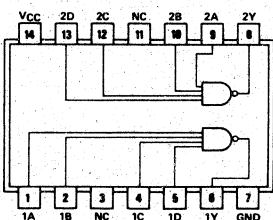
Dual 4-Input NAND Gate

Diag. 21 14-Pin DIP See Fig. D6
ECG7421, ECG74H21, ECG74LS21



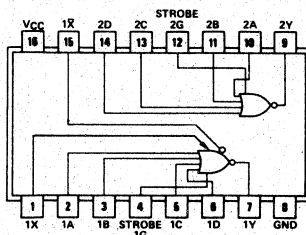
Dual 4-Input AND Gate

Diag. 22 14-Pin DIP See Fig. D6
**ECG7422, ECG74H22, ECG74LS22,
ECG74S22**



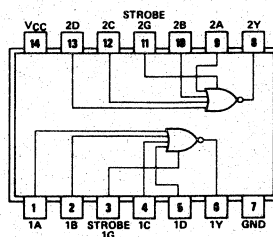
Dual 4-Input NAND Gate with Open Collector Output

Diag. 23 16-Pin DIP See Fig. D8
ECG7423



Expandable Dual 4-Input NOR Gate with Strobe

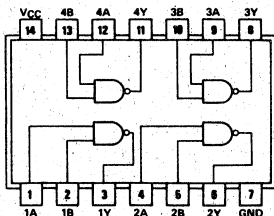
Diag. 24 14-Pin DIP See Fig. D6
ECG7425



Dual 4-Input NOR Gate with Strobe

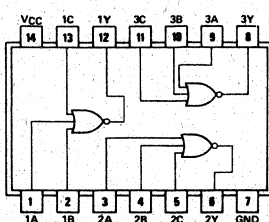
TTL Logic Diagrams (cont'd)

Diag. 25 14-Pin DIP See Fig. D6
ECG7426, ECG74LS26



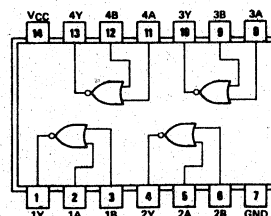
Quad 2-Input Hi-Volt Interface NAND Gate with Open Collector Output

Diag. 26 14-Pin DIP See Fig. D6
ECG7427, ECG74LS27



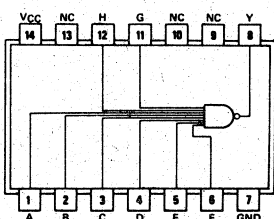
Triple 3-Input NOR Gate

Diag. 27 14-Pin DIP See Fig. D6
ECG7428, ECG74LS28



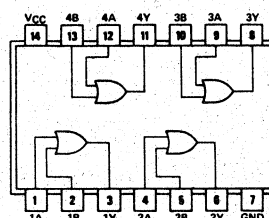
Quad 2-Input NOR Buffer

Diag. 28 14-Pin DIP See Fig. D6
ECG7430, ECG74C30, ECG74H30, ECG74LS30, ECG74S30



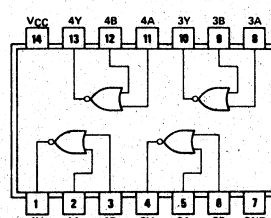
8-Input NAND Gate

Diag. 29 14-Pin DIP See Fig. D6
ECG7432, ECG74C32, ECG74LS32



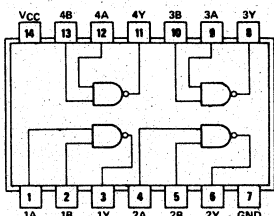
Quad 2-Input OR Gate

Diag. 30 14-Pin DIP See Fig. D6
ECG7433, ECG74LS33



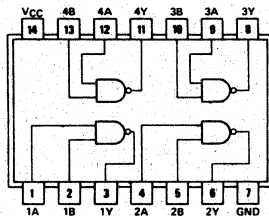
Quad 2-Input NOR Buffer with Open Collector Output

Diag. 31 14-Pin DIP See Fig. D6
ECG7437, ECG74LS37



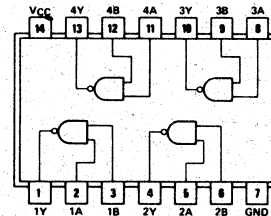
Quad 2-Input NAND Buffer

Diag. 32 14-Pin DIP See Fig. D6
ECG7438, ECG74LS38



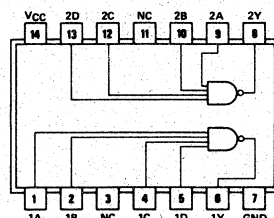
Quad 2-Input NAND Buffer with Open Collector Output

Diag. 33 14-Pin DIP See Fig. D6
ECG7439



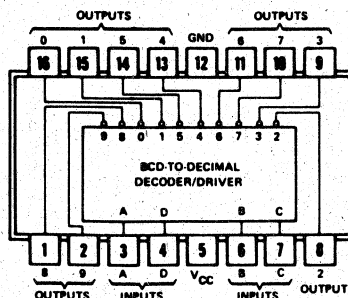
Quad 2-Input NAND Buffer with Open Collector Output

Diag. 34 14-Pin DIP See Fig. D6
ECG7440, ECG74H40, ECG74LS40, ECG74S40



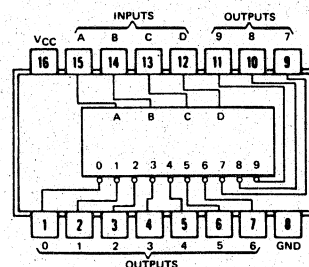
Dual 4-Input NAND Buffer

Diag. 35 16-Pin DIP See Fig. D8
ECG7441



BCD-to-Decimal Decoder/Driver for Gas Filled Tubes

Diag. 36 16-Pin DIP See Fig. D8
ECG7442, ECG74C42, ECG74LS42

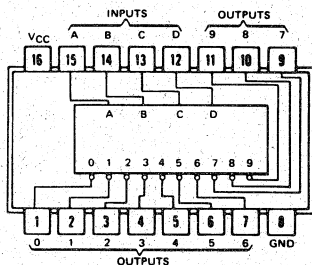


BCD-to-Decimal Decoder

TTL Logic Diagrams (cont'd)

Diag. 37
ECG7443

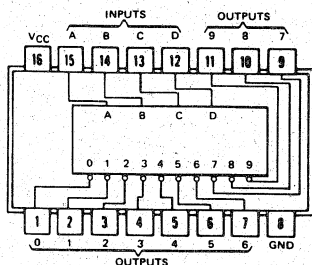
16-Pin DIP See Fig. D8



Excess-3-to-Decimal Decoder

Diag. 38
ECG7444

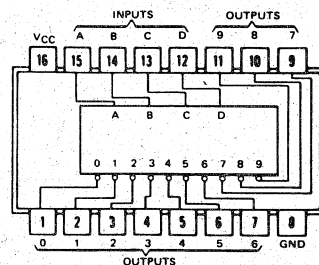
16-Pin DIP See Fig. D8



Excess-3-Gray-to-Decimal Decoder

Diag. 39
ECG7445

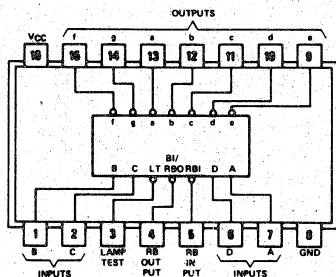
16-Pin DIP See Fig. D8



BCD-to-Decimal Decoder/Driver with Open Collector Output

Diag. 40
ECG7446

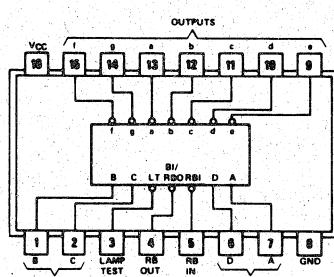
16-Pin DIP See Fig. D8



BCD-to-7-Segment Decoder/Driver with Hi-Volt (30 V) Open Collector Output

Diag. 41
ECG7447, ECG74LS47

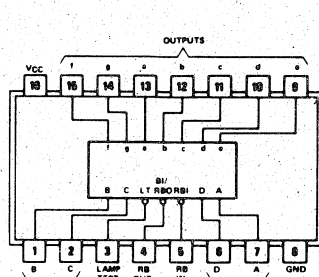
16-Pin DIP See Fig. D8



BCD-to-7-Segment Decoder/Driver with Hi-Volt (15 V) Open Collector Output

Diag. 42
ECG7448, ECG74C48, ECG74LS48

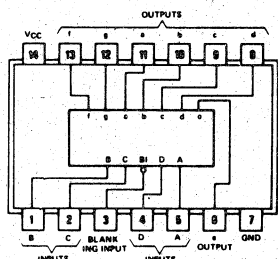
16-Pin DIP See Fig. D8



BCD-to-7-Segment Decoder/Driver

Diag. 43
ECG74LS49

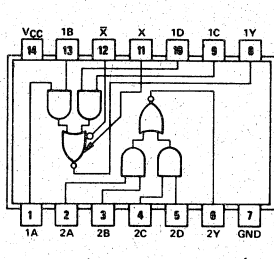
14-Pin DIP See Fig. D6



BCD-to-7-Segment Decoder/Driver with Open Collector Output

Diag. 44
ECG7450, ECG74H50

14-Pin DIP See Fig. D6

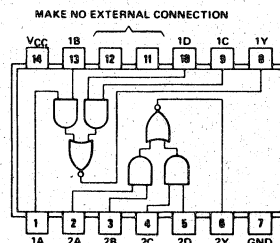


Dual 2-Wide 2-Input AND/OR/Invert Gate (One Gate Expandable)

Diag. 45
(See also Diag. 46)

14-Pin DIP See Fig. D6

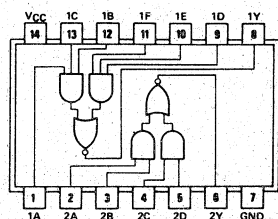
ECG7451, ECG74H51, ECG74S51



Dual 2-Wide 2-Input AND/OR/Invert Gate

Diag. 46
(See also Diag. 45)
ECG74LS51

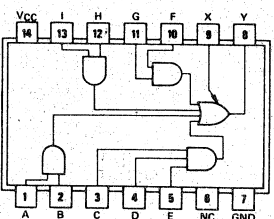
14-Pin DIP See Fig. D6



Dual 2-Wide 2-Input, 2-Wide 3-Input AND/OR/Invert Gate

Diag. 47
ECG74H52

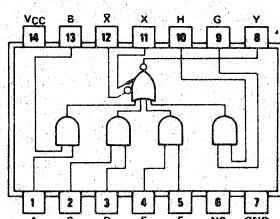
14-Pin DIP See Fig. D6



Expandable 4-Wide 2-Input 2-3-2-2 Input AND/OR Gate

Diag. 48
(See also Diag. 49)
ECG7453

14-Pin DIP See Fig. D6

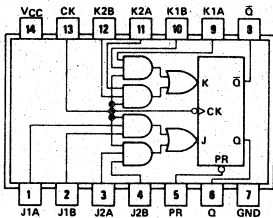


Expandable 4-Wide 2-Input AND/OR/Invert Gate

TTL Logic Diagrams (cont'd)

Diag. 61
ECG74H71

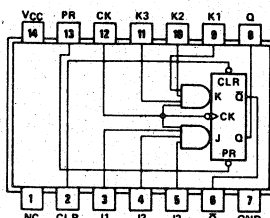
14-Pin DIP See Fig. D6



Gated J-K M/S Flip-Flop with Preset

Diag. 62
ECG7472, ECG74H72

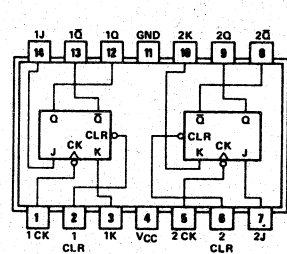
14-Pin DIP See Fig. D6



Gated J-K M/S Flip-Flop with Preset and Clear

Diag. 63
(See also Diag. 64)
ECG7473, ECG74H73

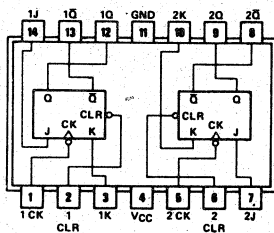
14-Pin DIP See Fig. D6



Dual J-K M/S Flip-Flop with Clear

Diag. 64
(See also Diag. 63)
ECG74C73, ECG74LS73

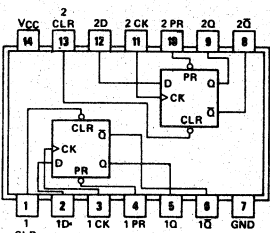
14-Pin DIP See Fig. D6



Dual J-K Negative Edge Triggered Flip-Flop with Clear

Diag. 65
ECG7474, ECG74C74, ECG74H74,
ECG74LS74A, ECG74S74

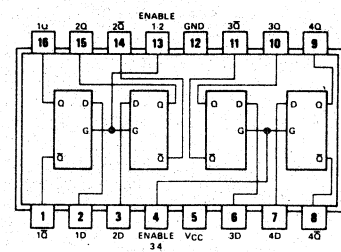
14-Pin DIP See Fig. D6



Dual "D" Flip-Flop with Preset and Clear

Diag. 66
ECG7475, ECG74LS75

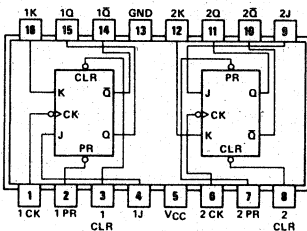
16-Pin DIP See Fig. D8



4-Bit Bistable Latch with Complementary Outputs

Diag. 67
(See also Diag. 68)
ECG7476, ECG74H76

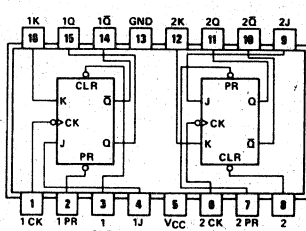
16-Pin DIP See Fig. D8



Dual J-K M/S Flip-Flop with Preset and Clear

Diag. 68
(See also Diag. 67)
ECG74C76, ECG74LS76A

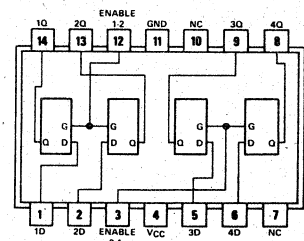
16-Pin DIP See Fig. D8



Dual J-K Negative Edge Triggered Flip-Flop with Preset and Clear

Diag. 69
ECG74LS77

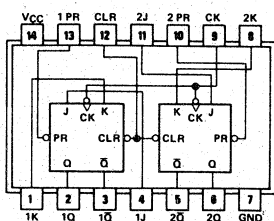
14-Pin DIP See Fig. D6



4-Bit Bistable Latch

Diag. 70
(See also Diag. 71)
ECG74H78

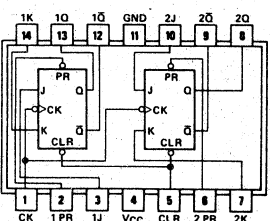
14-Pin DIP See Fig. D6



Dual J-K M/S Flip-Flop with Presets and a Common Clock and Clear

Diag. 71
(See also Diag. 70)
ECG74LS78

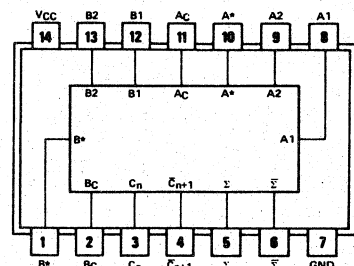
14-Pin DIP See Fig. D6



Dual J-K Negative Edge Triggered Flip-Flop with Presets and a Common Clock and Clear

Diag. 72
ECG7480

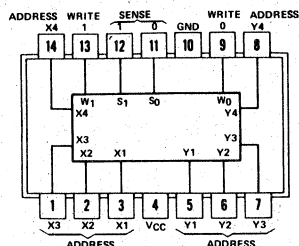
14-Pin DIP See Fig. D6



Gated Full Adder with Complementary Sum Outputs

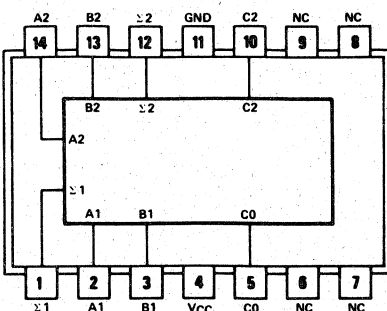
TTL Logic Diagrams (cont'd)

Diag. 73 14-Pin DIP See Fig. D6
ECG7481



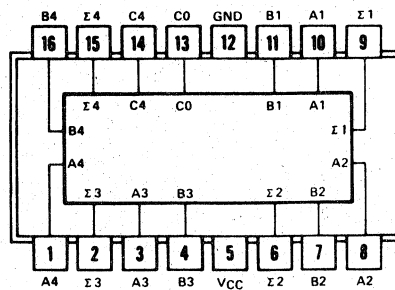
16-Bit RAM (16x1)

Diag. 74 14-Pin DIP See Fig. D6
ECG7482



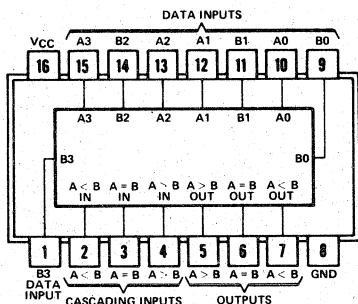
2-Bit Binary Full Adder

Diag. 75 16-Pin DIP See Fig. D8
ECG7483, ECG74LS83A



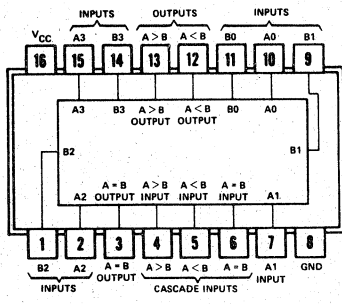
4-Bit Full Adder

Diag. 76 16-Pin DIP See Fig. D8
ECG7485, ECG74LS85



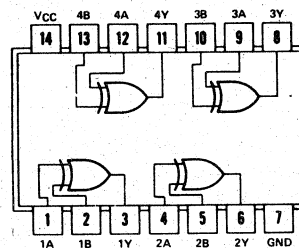
4-Bit Magnitude Comparator

Diag. 77 16-Pin DIP See Fig. D8
ECG74C85



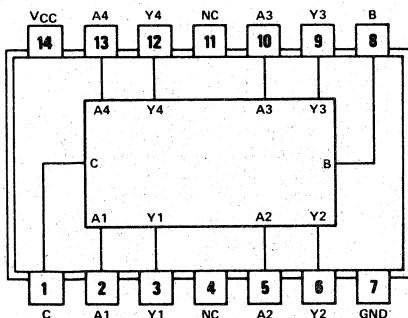
4-Bit Magnitude Comparator

Diag. 78 14-Pin DIP See Fig. D6
ECG7486, ECG74H86, ECG74LS86, ECG74S86



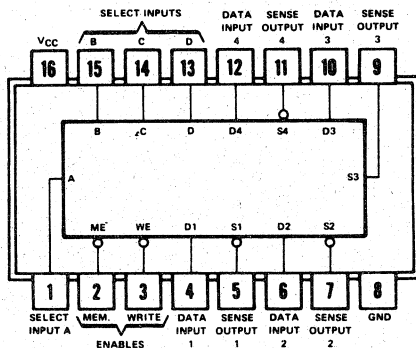
Quad Exclusive OR Gate

Diag. 79 14-Pin DIP See Fig. D6
ECG74H87



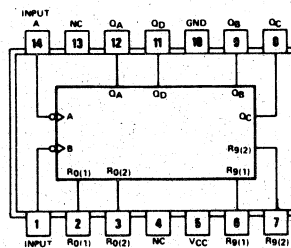
4-Bit True/Complement Zero/One Element

Diag. 80 16-Pin DIP See Fig. D8
ECG7489



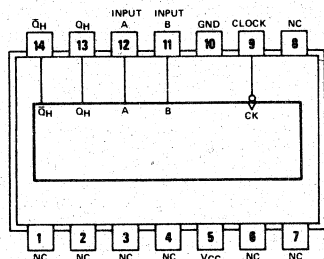
64-Bit RAM (16 x 4)

Diag. 81 14-Pin DIP See Fig. D6
ECG7490, ECG74C90, ECG74LS90



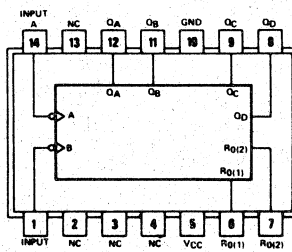
Decade Counter

Diag. 82 14-Pin DIP See Fig. D6
ECG7491, ECG74LS91



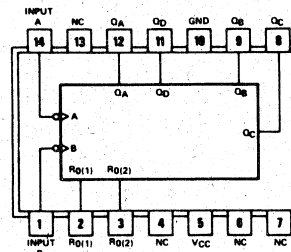
8-Bit Serial Shift Register

Diag. 83 14-Pin DIP See Fig. D6
ECG7492, ECG74LS92



Divide-by-12 Counter

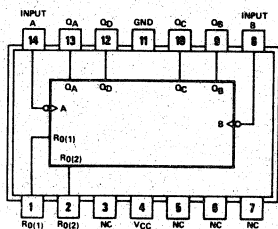
Diag. 84 14-Pin DIP See Fig. D6
ECG7493A, ECG74LS93



4-Bit Binary Counter

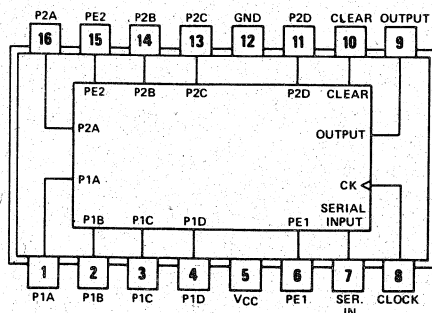
TTL Logic Diagrams (cont'd)

Diag. 85 14-Pin DIP See Fig. D6
ECG74C93, ECG74L93



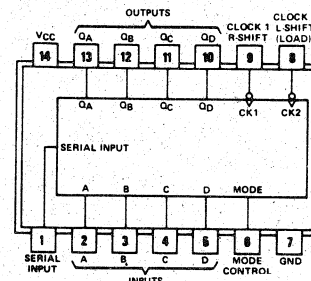
4-Bit Binary Counter

Diag. 86 16-Pin DIP See Fig. D8
ECG7494



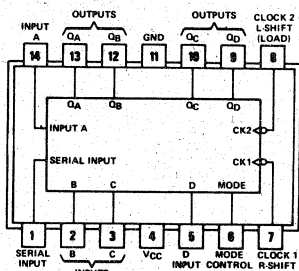
4-Bit Serial or Parallel Shift Register

Diag. 87 14-Pin DIP See Fig. D6
(See also Diag. 88)
ECG7495, ECG74LS95



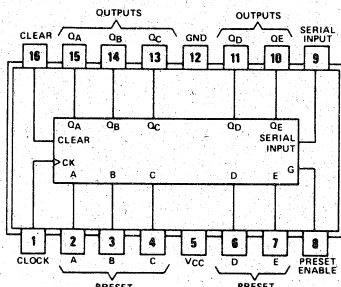
4-Bit Bidirectional Parallel Shift Register

Diag. 88 (See also Diag. 87)
ECG74C95



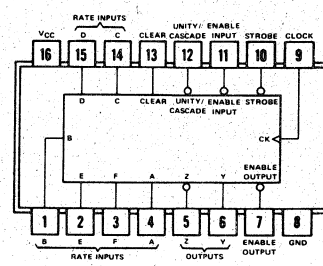
4-Bit Bidirectional Parallel Shift Register

Diag. 89 16-Pin DIP See Fig. D8
ECG7496



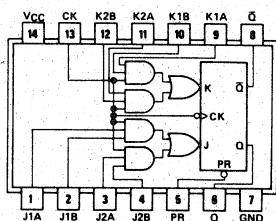
5-Bit Serial-In/Parallel-Out or Parallel-In/Serial-Out Shift Register

Diag. 90 16-Pin DIP See Fig. D8
ECG7497



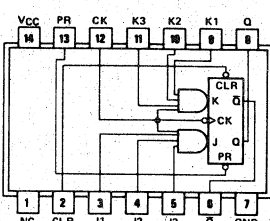
Synchronous 6-Bit Binary Rate Multiplier

Diag. 91 14-Pin DIP See Fig. D6
ECG74H101



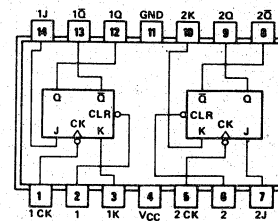
Gated J-K Negative Edge Triggered Flip-Flop with Preset

Diag. 92 14-Pin DIP See Fig. D6
ECG74H102



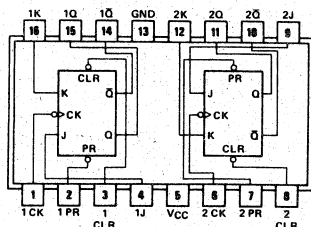
Gated J-K Negative Edge Triggered Flip-Flop with Preset and Clear

Diag. 93 14-Pin DIP See Fig. D6
ECG74H103



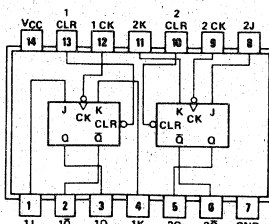
Dual J-K Negative Edge Triggered Flip-Flop with Clear

Diag. 94 16-Pin DIP See Fig. D8
ECG74H106



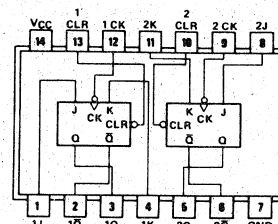
Dual J-K Negative Edge Triggered Flip-Flop with Clear

Diag. 95 (See also Diag. 96)
ECG74107



Dual J-K M/S Flip-Flop with Clear

Diag. 96 (See also Diag. 95)
ECG74C107, ECG74LS107

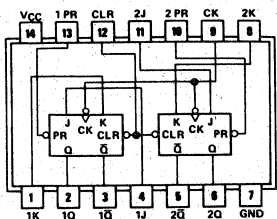


Dual J-K Negative Edge Triggered Flip-Flop with Clear

TTL Logic Diagrams (cont'd)

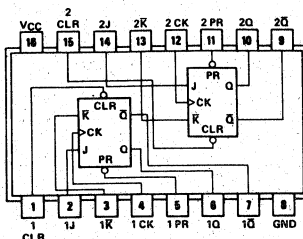
Diag. 97
ECG74H108

14-Pin DIP See Fig. D6



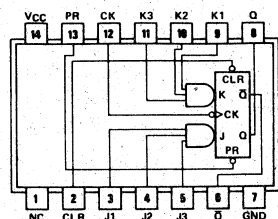
Dual J-K Negative Edge Triggered Flip-Flop with Clear

Diag. 98 16-Pin DIP See Fig. D8
ECG74109, ECG74LS109A



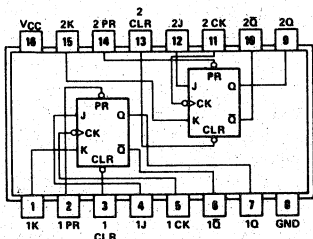
Dual J-K Positive Edge Triggered Flip-Flop with Preset and Clear

Diag. 99 **14-Pin DIP See Fig. D6**



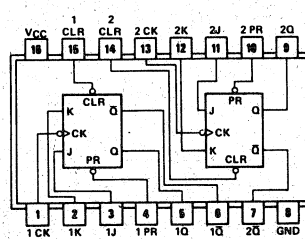
Gated J-K M/S Flip-Flop with Preset and Clear

Diag. 100
ECG74111



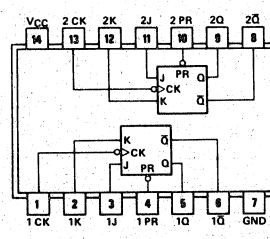
Dual J-K M/S Flip-Flop with Preset and Clear

Diag. 101 16-Pin DIP See Fig. D8
ECG74LS112A, ECG74S112



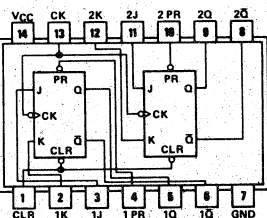
Dual J-K Negative Edge Triggered Flip-Flop with Preset and Clear

Diag. 102 14-Pin DIP See Fig. D6
ECG74LS113, ECG74S113



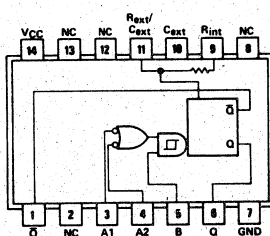
Dual J-K Negative Edge Triggered Flip-Flop with Preset

Diag. 103 14-Pin DIP See Fig. D6
ECG74LS114, ECG74S114



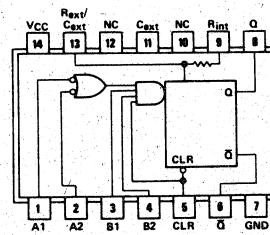
Dual J-K Negative Edge Triggered Flip-Flop with Presets and a Common Clock and Clear

Diag. 104 14-Pin DIP See Fig. D6
ECG74121



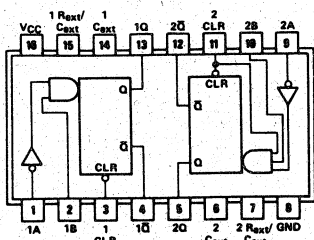
Monostable Multivibrator

Diag. 105 14-Pin DIP See Fig. D6
ECG74122, ECG74LS122



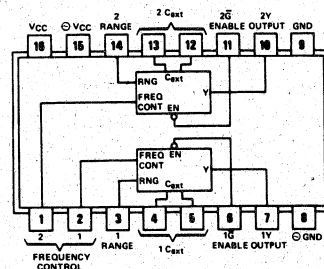
Retriggerable Monostable Multivibrator with Clear

Diag. 106 16-Pin DIP See Fig. D8
ECG74123, ECG74LS123



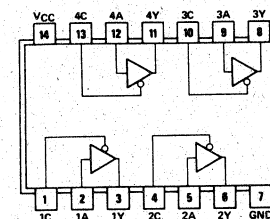
Dual Retriggerable Monostable Multivibrator with Clear

Diag. 107 16-Pin DIP See Fig. D8
ECG74S124



Dual Voltage Controlled Oscillator

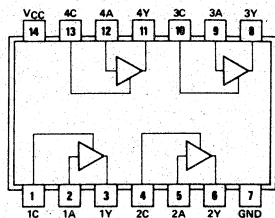
Diag. 108 14-Pin DIP See Fig. D6
ECG74125, ECG74LS125A



Quad Bus Buffer with 3-State Output (Active Low)

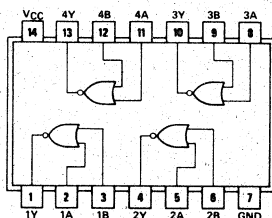
TTL Logic Diagrams (cont'd)

Diag. 109 14-Pin DIP See Fig. D6
ECG74126, ECG74LS126



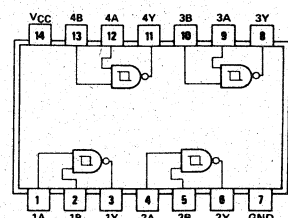
Quad Bus Buffer with 3-State Output (Active High)

Diag. 110 14-Pin DIP See Fig. D6
ECG74128



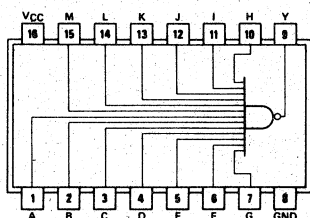
Quad 2-Input NOR 50 Ohm Line Driver

Diag. 111 14-Pin DIP See Fig. D6
ECG74132, ECG74LS132



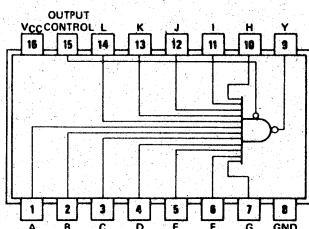
Quad 2-Input NAND Schmitt Trigger

Diag. 112 16-Pin DIP See Fig. D8
ECG74LS133, ECG74S133



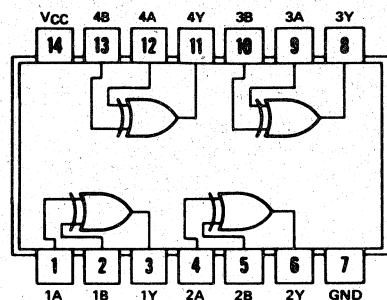
13-Input NAND Gate

Diag. 113 16-Pin DIP See Fig. D8
ECG74S134



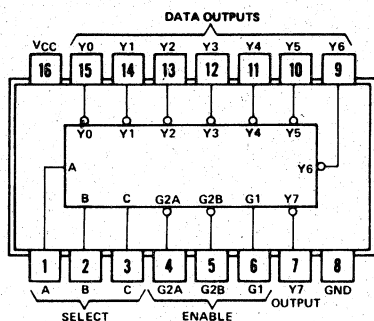
12-Input NAND Gate with 3-State Output

Diag. 114 14-Pin DIP See Fig. D6
ECG74136, ECG74LS136



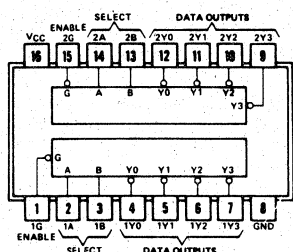
Quad Exclusive OR Gate with Open Collector Output

Diag. 115 16-Pin DIP See Fig. D8
ECG74LS138, ECG74S138



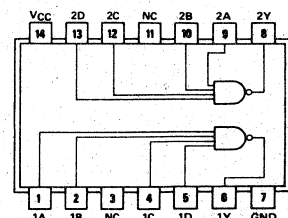
3-Line-to-8-Line Decoder/Demultiplexer

Diag. 116 16-Pin DIP See Fig. D8
ECG74LS139



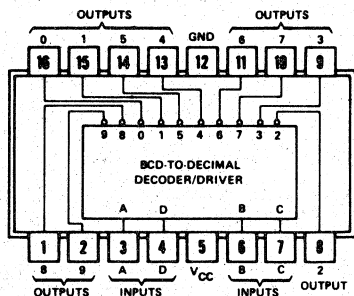
Dual 2-Line-to-4-Line Decoder/Demultiplexer

Diag. 117 14-Pin DIP See Fig. D6
ECG74S140



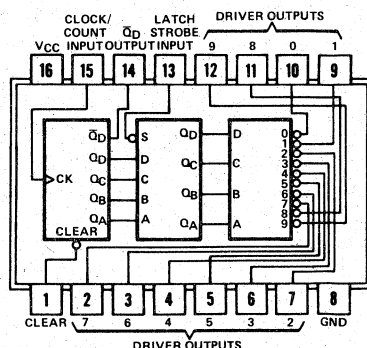
Dual 4-Input NAND 50 Ohm Line Driver

Diag. 118 16-Pin DIP See Fig. D8
ECG74141



BCD-to-Decimal Decoder/Driver for Cold Cathode Tubes

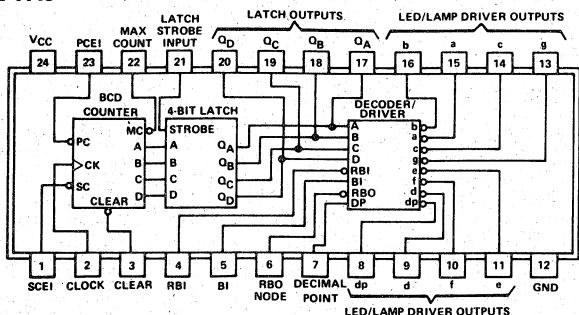
Diag. 119 16-Pin DIP See Fig. D8
ECG74142



BCD Counter/4-Bit Latch/BCD-to-7-Segment Decoder/Driver

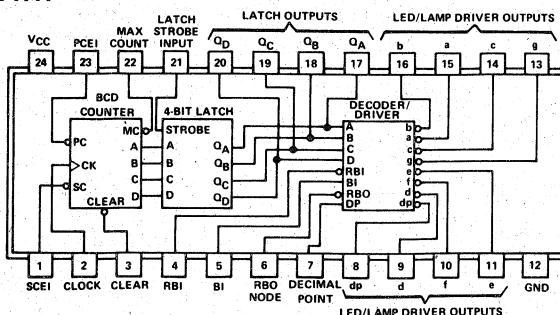
TTL Logic Diagrams (cont'd)

Diag. 120 24-Pin DIP See Fig. D15
ECG74143



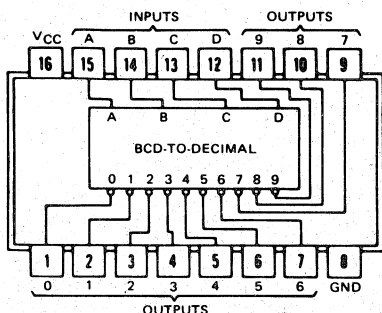
BCD Counter/4-Bit Latch/BCD-to-7-Segment Decoder/Driver with Constant Current Output

Diag. 121 24-Pin DIP See Fig. D15
ECG74144



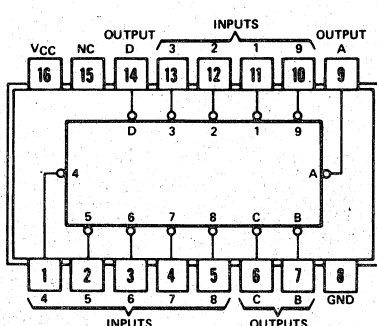
BCD Counter/4-Bit Latch/BCD-to-7-Segment Decoder/Driver with Open Collector Output

Diag. 122 16-Pin DIP See Fig. D8
ECG74145, ECG74LS145



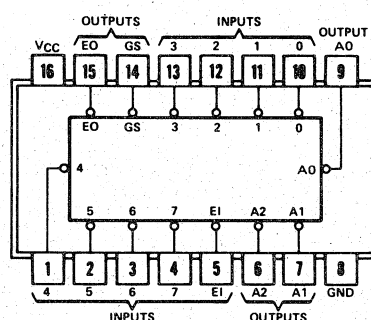
BCD-to-Decimal Decoder Driver with Open Collector Output

Diag. 123 16-Pin DIP See Fig. D8
ECG74147, ECG74LS147



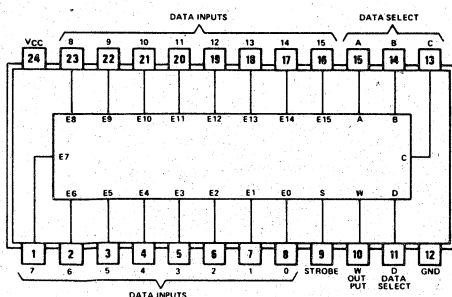
Decimal-to-BCD-Priority Encoder

Diag. 124 16-Pin DIP See Fig. D8
ECG74LS148



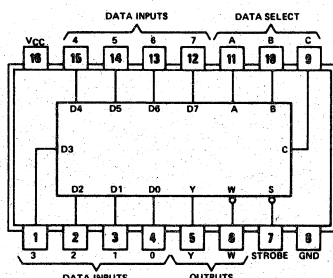
8-Line-to-3-Line Octal Priority Encoder

Diag. 125 24-Pin DIP See Fig. D15
ECG74150



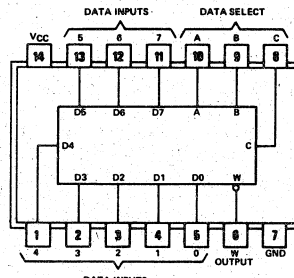
16-Line-to-1-Line Data Selector/Multiplexer

Diag. 126 16-Pin DIP See Fig. D8
ECG74151, ECG74C151, ECG74LS151, ECG74S151



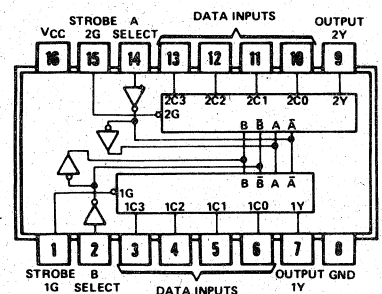
8-Line-to-1-Line Data Selector/Multiplexer with Strobe

Diag. 127 14-Pin DIP See Fig. D6
ECG74152



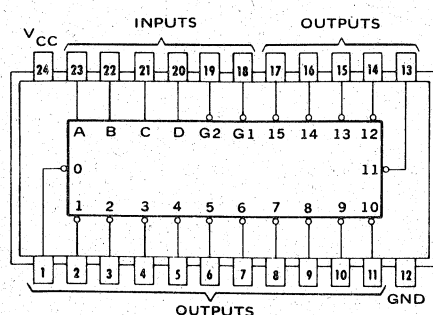
8-Line-to-1-Line Data Selector/Multiplexer

Diag. 128 16-Pin DIP See Fig. D8
ECG74153, ECG74LS153, ECG74S153



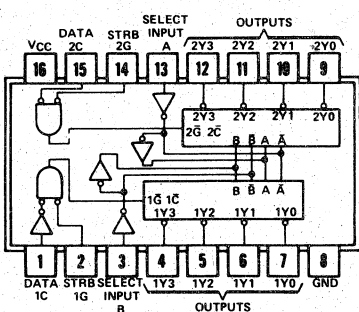
Dual 4-Line-to-1-Line Data Selector/Multiplexer

Diag. 129 24-Pin DIP See Fig. D15
ECG74154, ECG74C154



4-Line-to-16-Line Decoder/Demultiplexer

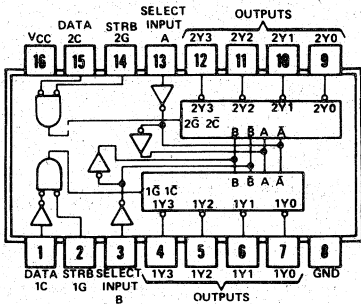
Diag. 130 16-Pin DIP See Fig. D8
ECG74155, ECG74LS155



Dual 1-Line-to-4-Line Decoder/Demultiplexer

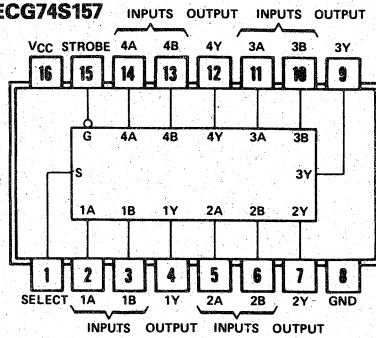
TTL Logic Diagrams (cont'd)

Diag. 131 16-Pin DIP See Fig. D8
ECG74156, ECG74LS156



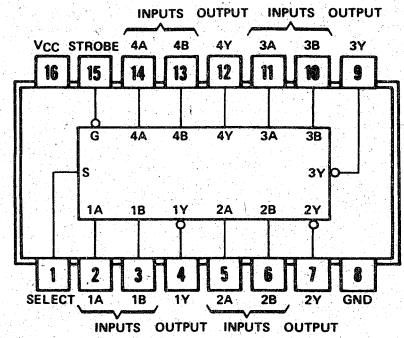
Dual 1-Line-to-4-Line Decoder/Demultiplexer with Open Collector Output

Diag. 132 16-Pin DIP See Fig. D8
ECG74157, ECG74C157, ECG74LS157, ECG74S157



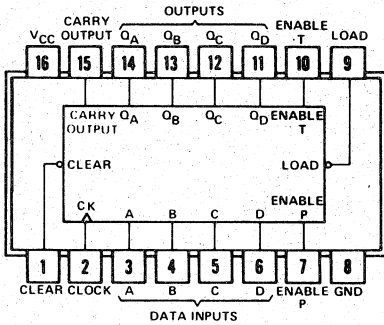
Quad 2-Line-to-1-Line Data Selector/Multiplexer with Non-Inverting Output

Diag. 133 16-Pin DIP See Fig. D8
ECG74158, ECG74LS158, ECG74S158



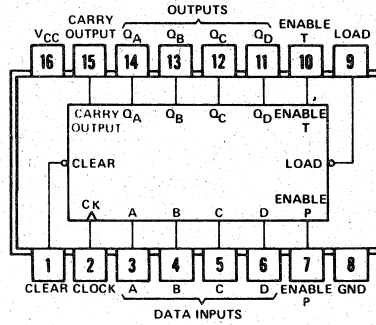
Quad 2-Line-to-1-Line Data Selector/Multiplexer with Inverting Output

Diag. 134 16-Pin DIP See Fig. D8
ECG74160, ECG74LS160A



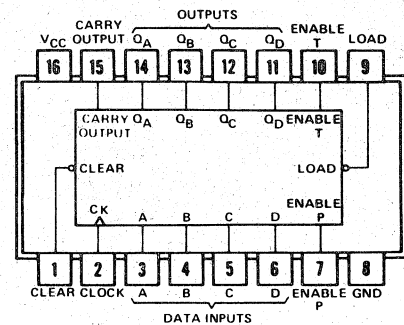
Presettable Synchronous Decade Counter with Direct Clear

Diag. 135 16-Pin DIP See Fig. D8
ECG74161, ECG74C161, ECG74LS161A



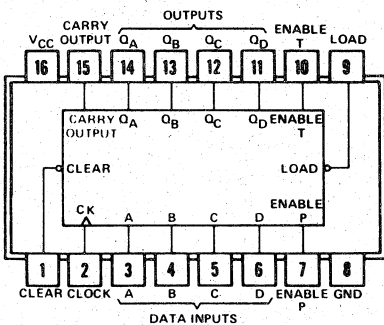
Presettable Synchronous 4-Bit Binary Counter with Direct Clear

Diag. 136 16-Pin DIP See Fig. D8
ECG74162, ECG74LS162A



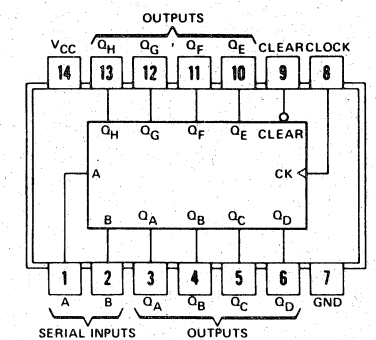
Presettable Synchronous Decade Counter with Synchronous Clear

Diag. 137 16-Pin DIP See Fig. D8
ECG74163, ECG74LS163A



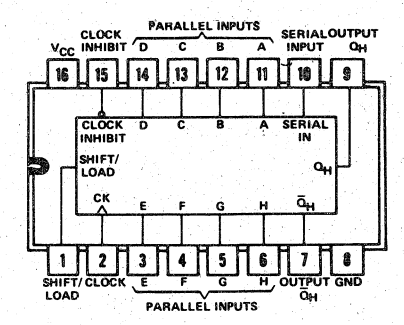
Presettable Synchronous 4-Bit Binary Counter with Synchronous Clear

Diag. 138 14-Pin DIP See Fig. D6
ECG74164, ECG74C164, ECG74LS164



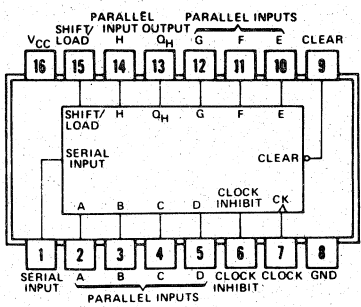
8-Bit Serial-In/Parallel-Out Shift Register

Diag. 139 16-Pin DIP See Fig. D8
ECG74165, ECG74LS165



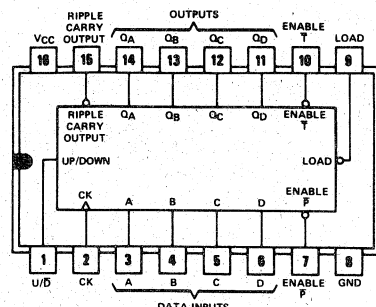
8-Bit Parallel-In/Serial-Out Shift Register

Diag. 140 16-Pin DIP See Fig. D8
ECG74166, ECG74LS166



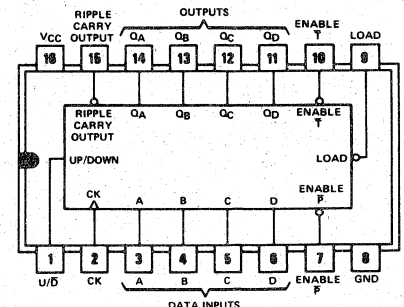
8-Bit Serial or Parallel-In/Serial-Out Shift Register

Diag. 141 16-Pin DIP See Fig. D8
ECG74LS168A



Presettable Synchronous Decade Up/Down Counter

Diag. 142 16-Pin DIP See Fig. D8
ECG74LS169A

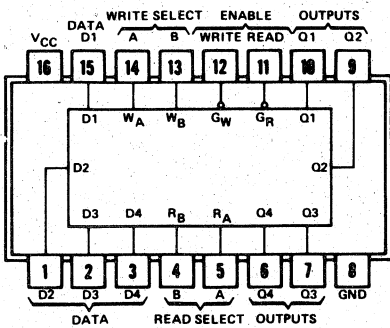


Presettable Synchronous 4-Bit Binary Up/Down Counter

TTL Logic Diagrams (cont'd)

Diag. 143 16-Pin DIP See Fig. D8

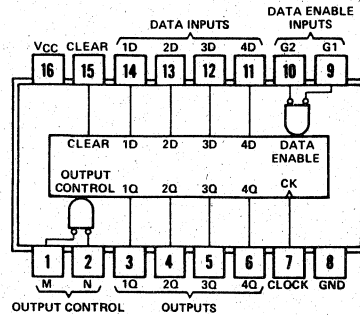
ECG74170, ECG74LS170



4 x 4 Register File with Open Collector Output

Diag. 144 16-Pin DIP See Fig. D8

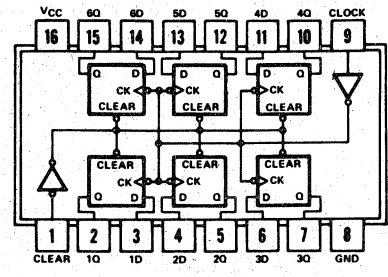
ECG74173, ECG74C173, ECG74LS173



4-Bit "D" Register with 3-State Output

Diag. 145 16-Pin DIP See Fig. D8

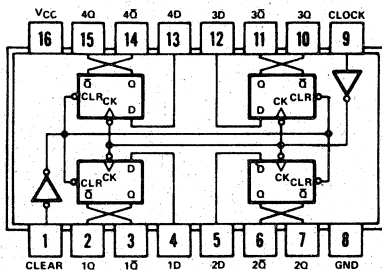
ECG74174, ECG74C174, ECG74LS174, ECG74S174



Hex "D" Flip-Flop with Clear

Diag. 146 16-Pin DIP See Fig. D8

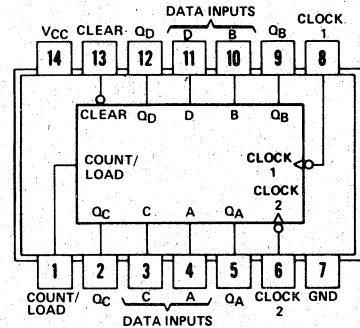
ECG74175, ECG74C175, ECG74LS175, ECG74S175



Quad "D" Flip-Flop with Complementary Outputs

Diag. 147 14-Pin DIP See Fig. D6

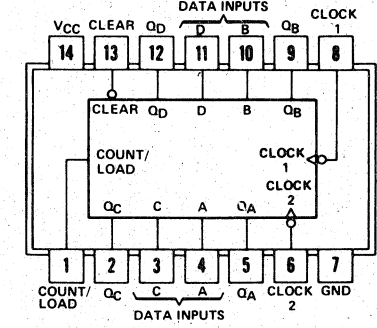
ECG74176



Presettable Decade Counter/Latch

Diag. 148 14-Pin DIP See Fig. D6

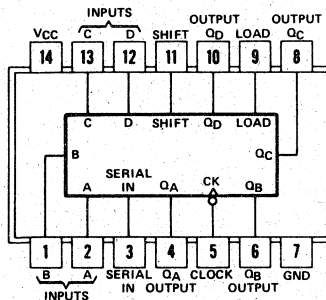
ECG74177



Presettable 4-Bit Binary Counter/Latch

Diag. 149 14-Pin DIP See Fig. D6

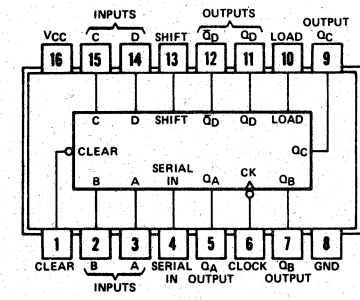
ECG74178



4-Bit Parallel Shift Register

Diag. 150 16-Pin DIP See Fig. D8

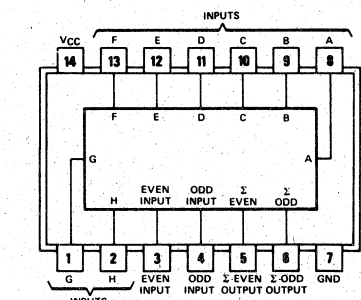
ECG74179



4-Bit Parallel Shift Register with Complementary Final Stage

Diag. 151 14-Pin DIP See Fig. D6

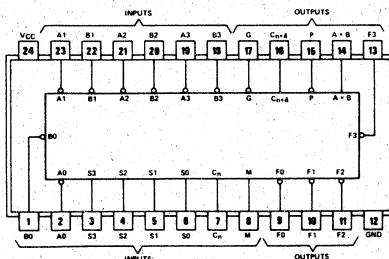
ECG74180



9-Bit Odd/Even Parity Generator/Checker

Diag. 152 24-Pin DIP See Fig. D15

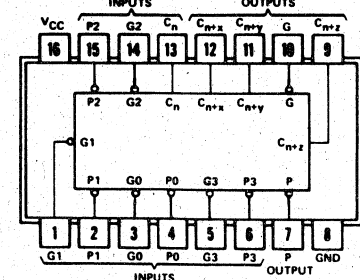
ECG74181, ECG74LS181, ECG74S181



Arithmetic Logic Unit (ALU)/Function Generator

Diag. 153 16-Pin DIP See Fig. D8

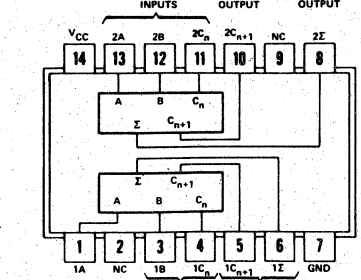
ECG74182



Look-Ahead Carry Generator

Diag. 154 14-Pin DIP See Fig. D6

ECG74H183

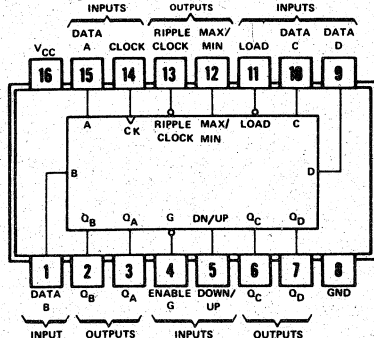


Dual Carry/Save Adder

TTL Logic Diagrams (cont'd)

Diag. 155 16-Pin DIP See Fig. D8

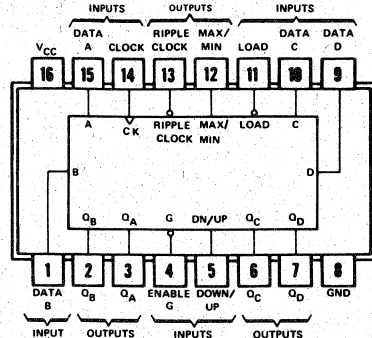
ECG74190, ECG74LS190



Presettable Synchronous Decade Up/Down Counter

Diag. 156 16-Pin DIP See Fig. D8

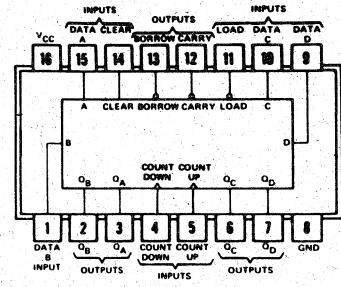
ECG74191, ECG74LS191



Presettable Synchronous 4-Bit Binary Up/Down Counter

Diag. 157 16-Pin DIP See Fig. D8

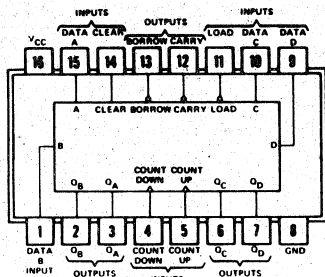
ECG74192, ECG74C192, ECG74LS192



Presettable Synchronous Decade Up/Down Counter with Dual Clocks

Diag. 158 16-Pin DIP See Fig. D8

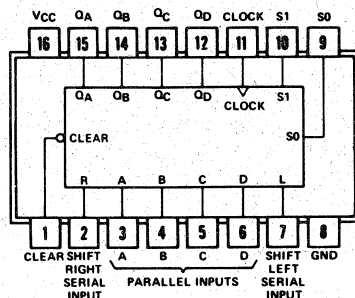
ECG74193, ECG74C193, ECG74LS193



Presettable Synchronous 4-Bit Binary Up/Down Counter with Dual Clocks

Diag. 159 16-Pin DIP See Fig. D8

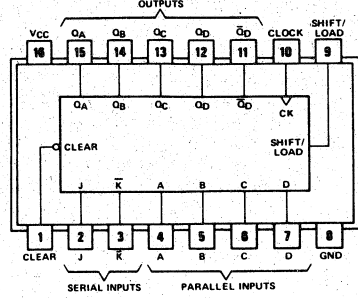
ECG74LS194A, ECG74S194



4-Bit Bidirectional Parallel Shift Register

Diag. 160 16-Pin DIP See Fig. D8

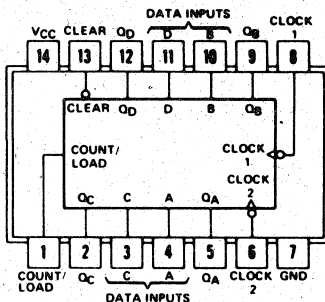
ECG74195, ECG74LS195A



4-Bit Parallel Shift Register with Complementary Final Stage

Diag. 161 14-Pin DIP See Fig. D6

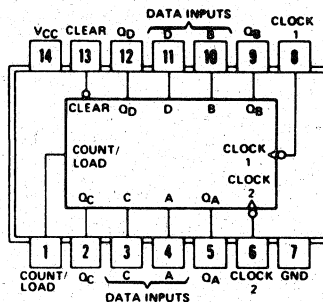
ECG74196, ECG74LS196



Presettable Decade Counter/Latch

Diag. 162 14-Pin DIP See Fig. D6

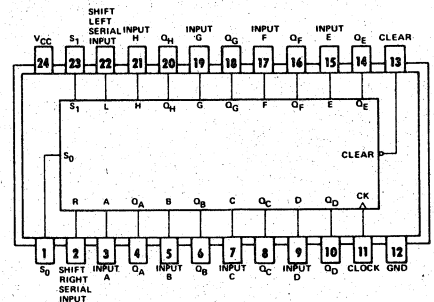
ECG74197, ECG74LS197



Presettable 4-Bit Binary Counter/Latch

Diag. 163 24-Pin DIP See Fig. D15

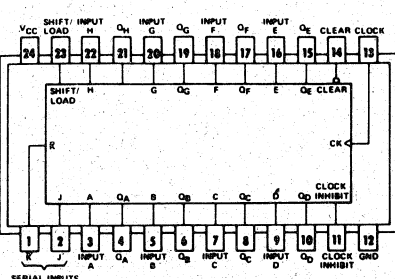
ECG74198



8-Bit Bidirectional Parallel Shift Register

Diag. 164 24-Pin DIP See Fig. D15

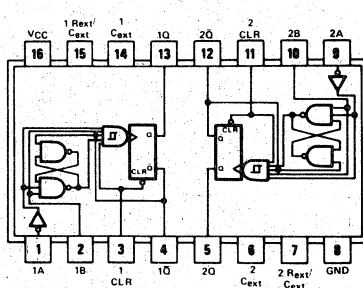
ECG74199



8-Bit Serial or Parallel-In/Parallel-Out Shift Register

Diag. 165 16-Pin DIP See Fig. D8

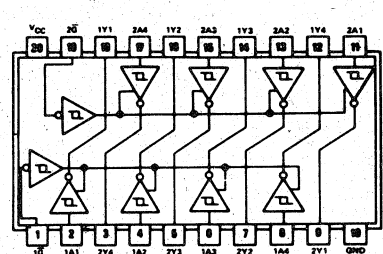
ECG74221, ECG74C221, ECG74LS221



Dual Monostable Multivibrator

Diag. 166 20-Pin DIP See Fig. D12

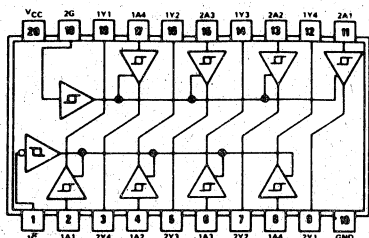
ECG74C240, ECG74LS240



Octal Buffer/Line Driver/Line Receiver with Inverting 3-State Output

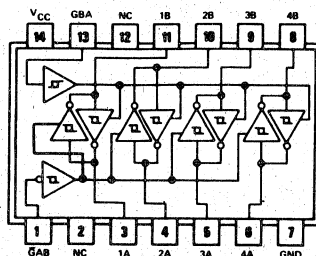
TTL Logic Diagrams (cont'd)

Diag. 167 20-Pin DIP See Fig. D12
ECG74LS241



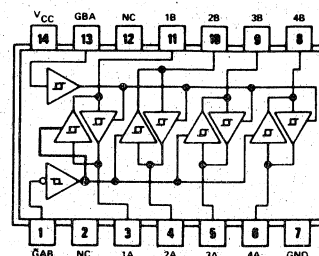
Octal Buffer/Line Driver/Line Receiver with Non-Inverting 3-State Output

Diag. 168 14-Pin DIP See Fig. D6
ECG74LS242



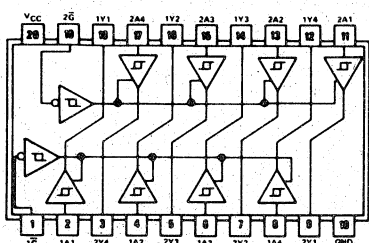
Quad Bus Transceiver with Inverting 3-State Output

Diag. 169 14-Pin DIP See Fig. D6
ECG74LS243



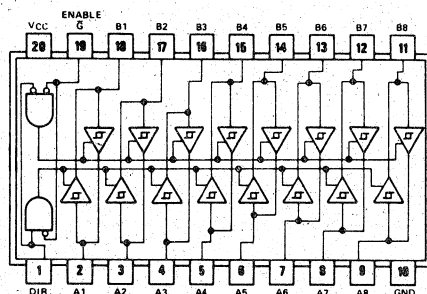
Quad Bus Transceiver with Non-Inverting 3-State Output

Diag. 170 20-Pin DIP See Fig. D12
ECG74C244, ECG74LS244



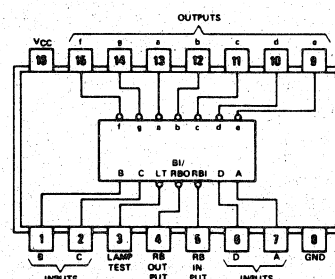
Octal Buffer/Line Driver/Line Receiver with Non-Inverting 3-State Output

Diag. 171 20-Pin DIP See Fig. D12
ECG74LS245



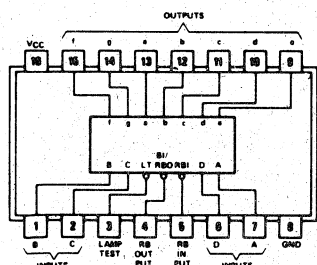
Octal Bus Transceiver with Non-Inverting 3-State Output

Diag. 172 16-Pin DIP See Fig. D8
ECG74LS247



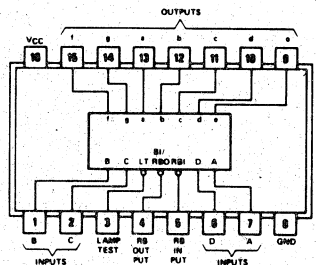
BCD-to-7-Segment Decoder/Driver with Hi-Volt (15 V) Open Collector Output

Diag. 173 16-Pin DIP See Fig. D8
ECG74LS248



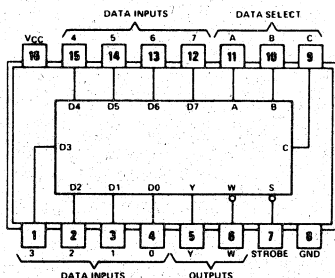
BCD-to-7-Segment Decoder/Driver

Diag. 174 16-Pin DIP See Fig. D8
ECG74249, ECG74LS249



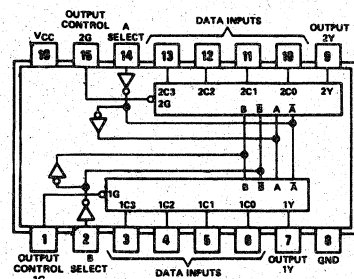
BCD-to-7-Segment Decoder/Driver with Open Collector Output

Diag. 175 16-Pin DIP See Fig. D8
ECG74251, ECG74LS251, ECG74S251



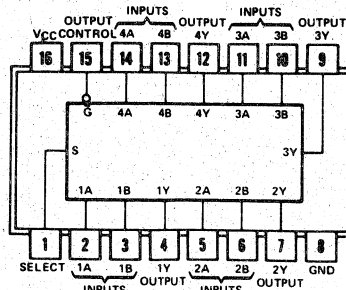
8-Line-to-1-Line Data Selector/Multiplexer with Complementary 3-State Output

Diag. 176 16-Pin DIP See Fig. D8
ECG74LS253



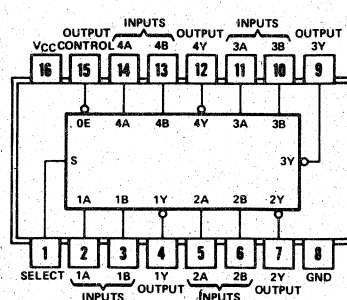
Dual 4-Line-to-1-Line Data Selector/Multiplexer with 3-State Output

Diag. 177 16-Pin DIP See Fig. D8
ECG74LS257



Quad 2-Line-to-1-Line Data Selector/Multiplexer with 3-State Output

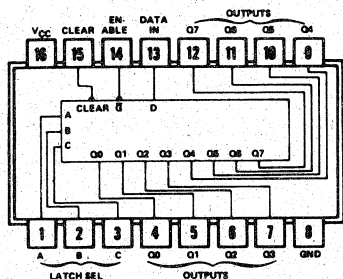
Diag. 178 16-Pin DIP See Fig. D8
ECG74LS258, ECG74S258



Quad 2-Line-to-1-Line Data Selector/Multiplexer with Inverting 3-State Output

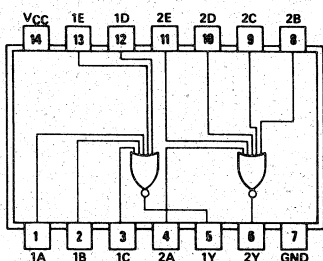
TTL Logic Diagrams (cont'd)

Diag. 179 16-Pin DIP See Fig. D8
ECG74LS259



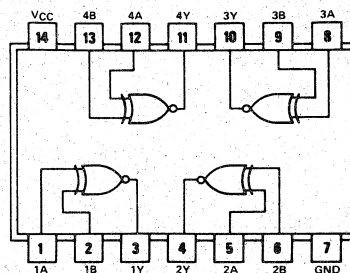
8-Bit Addressable Latch

Diag. 180 14-Pin DIP See Fig. D6
ECG74LS260



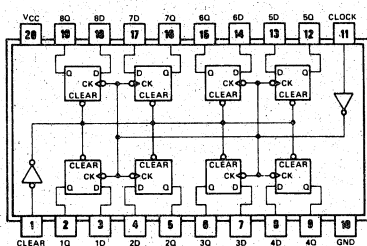
Dual 5-Input NOR Gate

Diag. 181 14-Pin DIP See Fig. D6
ECG74LS266



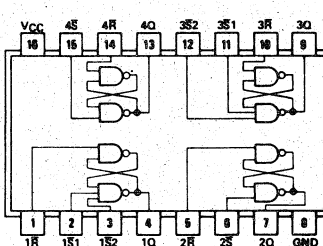
Quad Exclusive NOR Gate with Open Collector Output

Diag. 182 20-Pin DIP See Fig. D12
ECG74LS273



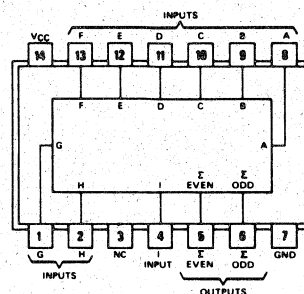
Octal "D" Flip-Flop with Clear

Diag. 183 16-Pin DIP See Fig. D8
ECG74LS279



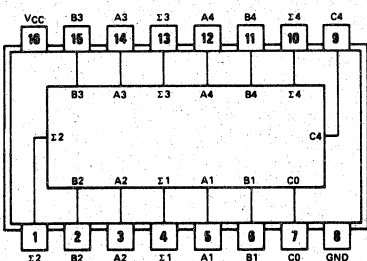
Quad S-R Latch

Diag. 184 14-Pin DIP See Fig. D6
ECG74LS280



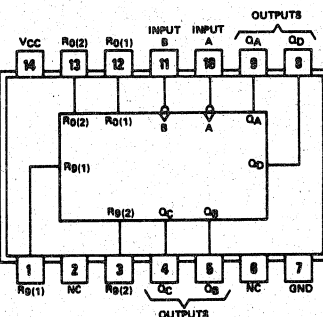
9-Bit Odd/Even Parity Generator/Checker

Diag. 185 16-Pin DIP See Fig. D8
ECG74LS283



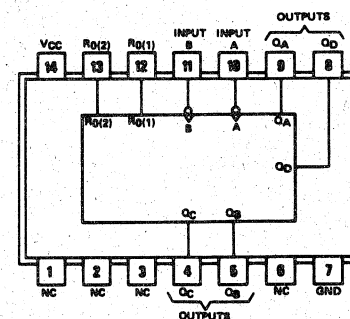
4-Bit Full Adder

Diag. 186 14-Pin DIP See Fig. D6
ECG74290, ECG74LS290



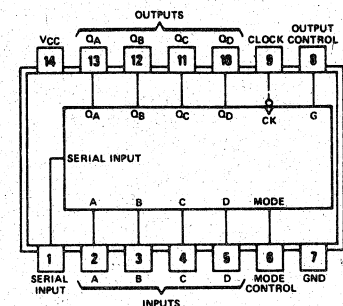
Decade Counter

Diag. 187 14-Pin DIP See Fig. D6
ECG74293, ECG74LS293



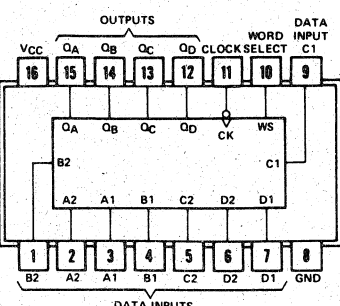
4-Bit Binary Counter

Diag. 188 14-Pin DIP See Fig. D6
ECG74LS295A



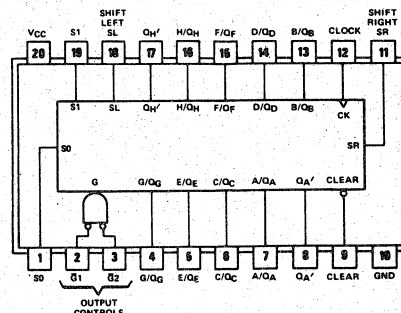
4-Bit Bidirectional Parallel Shift Register with 3-State Output

Diag. 189 16-Pin DIP See Fig. D8
ECG74LS298



Quad 2-Input Multiplexer with Storage

Diag. 190 20-Pin DIP See Fig. D12
ECG74LS299

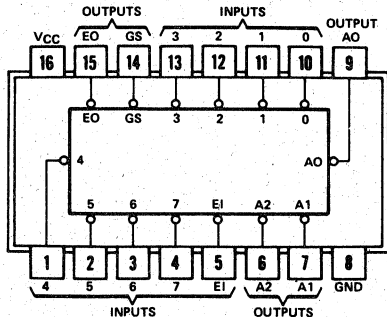


8-Bit Bidirectional Shift/Storage Register with 3-State Output

TTL Logic Diagrams (cont'd)

Diag. 191 16-Pin DIP See Fig. D8

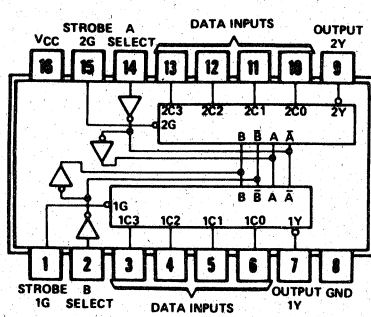
ECG74LS348



8-Line-to-3-Line Priority Encoder with 3-State Output

Diag. 192 16-Pin DIP See Fig. D8

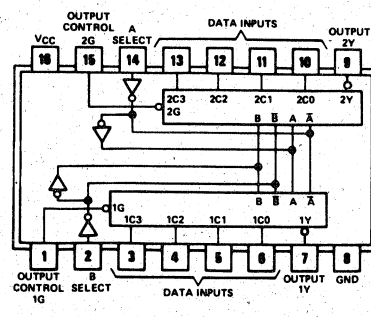
ECG74LS352



Dual 4-Line-to-1-Line Data Selector/Multiplexer with 3-State Output

Diag. 193 16-Pin DIP See Fig. D8

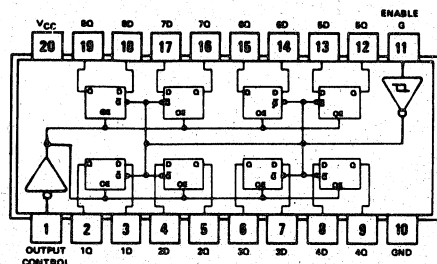
ECG74LS353



Dual 4-Line-to-1-Line Data Selector/Multiplexer with Inverting 3-State Output

Diag. 194 20-Pin DIP See Fig. D12

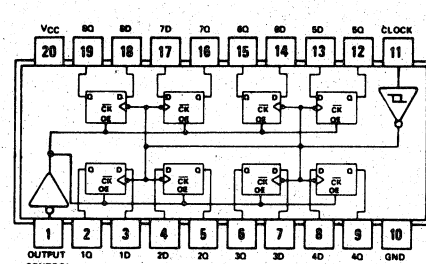
ECG74LS363



Octal "D" Transparent Latch with 3-State Output

Diag. 195 20-Pin DIP See Fig. D12

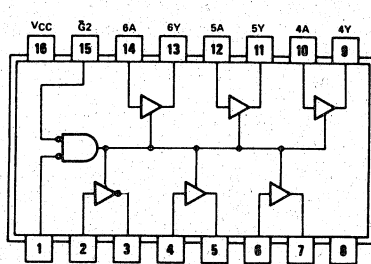
ECG74LS364



Octal "D" Flip-Flop with 3-State Output

Diag. 196 16-Pin DIP See Fig. D8

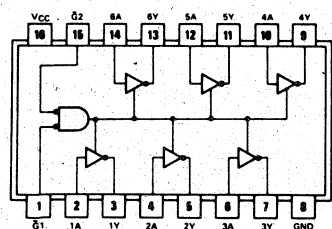
ECG74365, ECG74LS365A



Hex Bus Driver with Non-Inverting 3-State Output (Common Enable)

Diag. 197 16-Pin DIP See Fig. D8

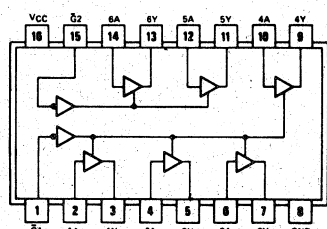
ECG74366, ECG74LS366A



Hex Bus Driver with Inverting 3-State Output (Common Enable)

Diag. 198 16-Pin DIP See Fig. D8

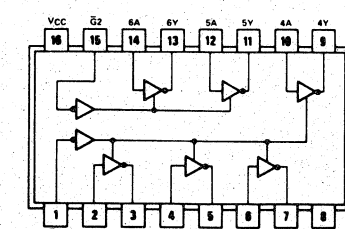
ECG74367, ECG74LS367



Hex Bus Driver with Non-Inverting 3-State Output (4-Line/2-Line Enable)

Diag. 199 16-Pin DIP See Fig. D8

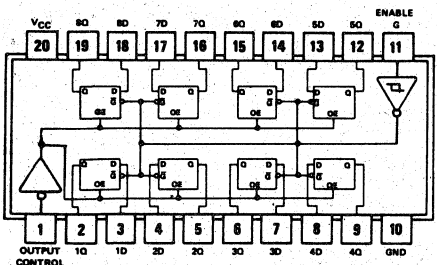
ECG74368, ECG74LS368



Hex Bus Driver with Inverting 3-State Output (4-Line/2-Line Enable)

Diag. 200 20-Pin DIP See Fig. D12

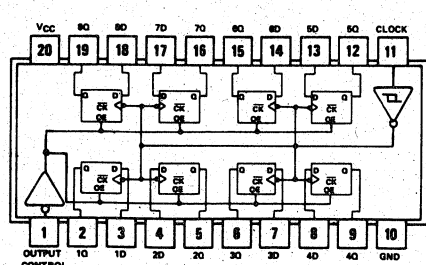
ECG74C373, ECG74LS373



Octal "D" Transparent Latch with 3-State Output

Diag. 201 20-Pin DIP See Fig. D12

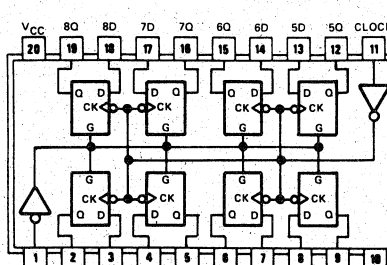
ECG74C374, ECG74LS374



Octal "D" Flip-Flop with 3-State Output

Diag. 202 20-Pin DIP See Fig. D12

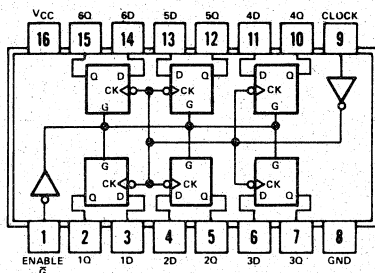
ECG74LS377



Octal "D" Flip-Flop with Common Enable

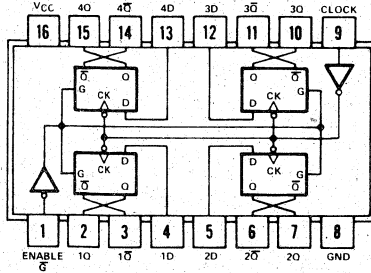
TTL Logic Diagrams (cont'd)

Diag. 203 16-Pin DIP See Fig. D8
ECG74LS378



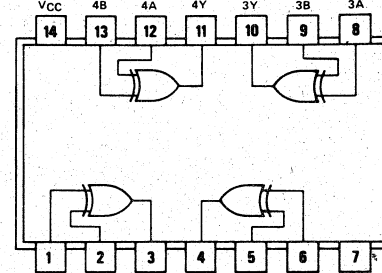
Hex "D" Flip-Flop with Common Enable

Diag. 204 16-Pin DIP See Fig. D8
ECG74LS379



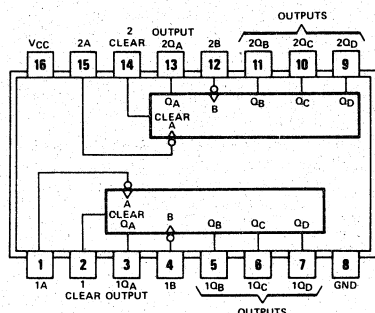
Quad "D" Flip-Flop with Complementary Outputs

Diag. 205 14-Pin DIP See Fig. D6
ECG74LS386



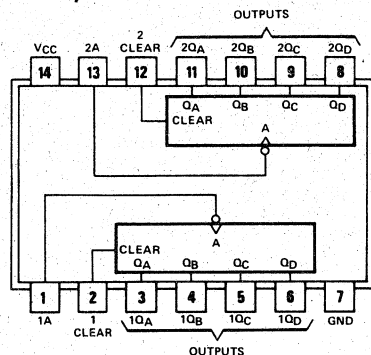
Quad Exclusive OR Gate

Diag. 206 16-Pin DIP See Fig. D8
ECG74390, ECG74LS390



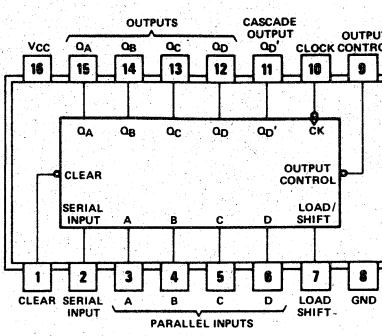
Dual Decade Counter

Diag. 207 14-Pin DIP See Fig. D6
ECG74393, ECG74LS393



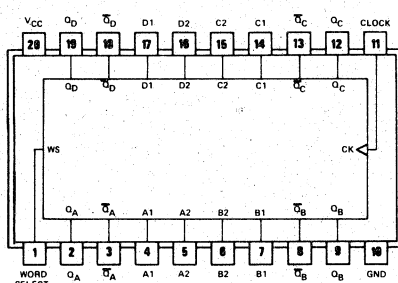
Dual 4-Bit Binary Counter

Diag. 208 16-Pin DIP See Fig. D8
ECG74LS395A



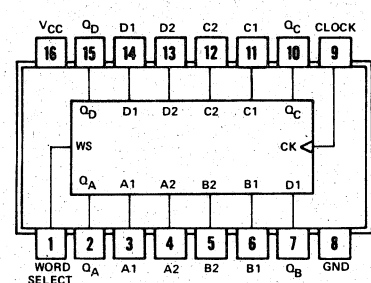
4-Bit Cascadable Parallel Shift Register with 3-State Output

Diag. 209 20-Pin DIP See Fig. D12
ECG74LS398



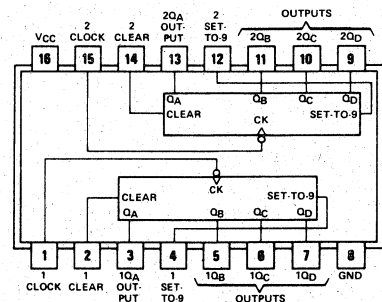
Quad 2-Input Multiplexer with Storage - Complementary Outputs

Diag. 210 16-Pin DIP See Fig. D8
ECG74LS399



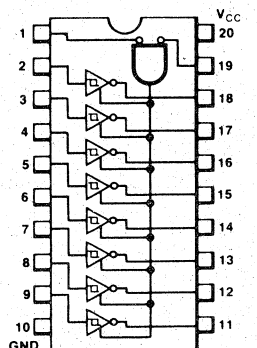
Quad 2-Input Multiplexer with Storage

Diag. 211 16-Pin DIP See Fig. D8
ECG74490, ECG74LS490



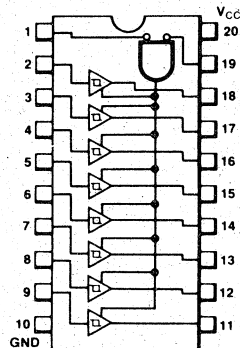
Dual Decade Counter

Diag. 212 20-Pin DIP See Fig. D12
ECG74LS540



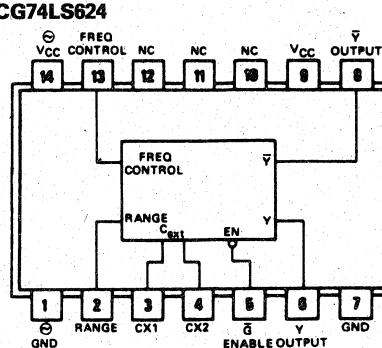
Octal Buffer/Line Driver with Inverting 3-State Output

Diag. 213 20-Pin DIP See Fig. D12
ECG74LS541



Octal Buffer/Line Driver with Non-Inverting 3-State Output

Diag. 214 14-Pin DIP See Fig. D6
ECG74LS624

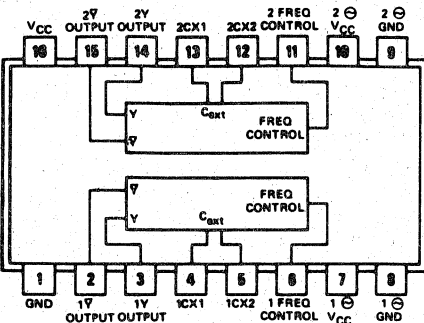


Voltage Controlled Oscillator with Complementary Output

TTL Logic Diagrams (cont'd)

Diag. 215 16-Pin DIP See Fig. D8

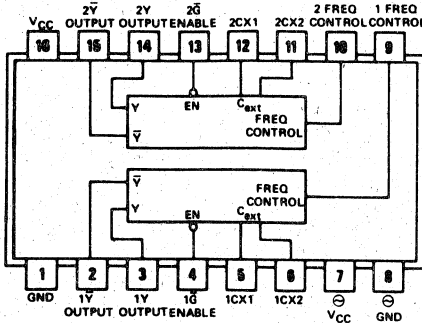
ECG74LS625



Dual Voltage Controlled Oscillator with Complementary Output

Diag. 216 16-Pin DIP See Fig. D8

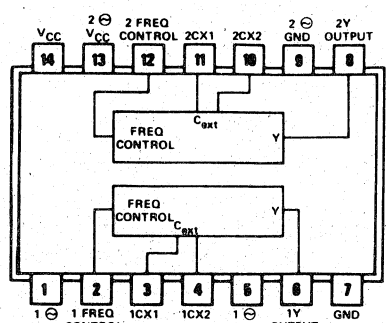
ECG74LS626



Dual Voltage Controlled Oscillator with Complementary Output and Enable

Diag. 217 14-Pin DIP See Fig. D6

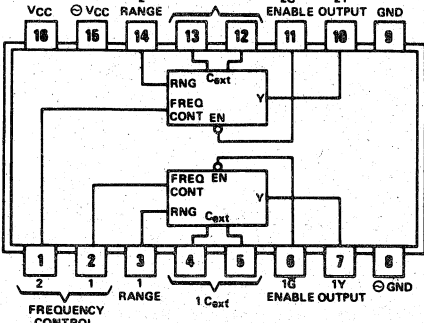
ECG74LS627



Dual Voltage Controlled Oscillator

Diag. 218 16-Pin DIP See Fig. D8

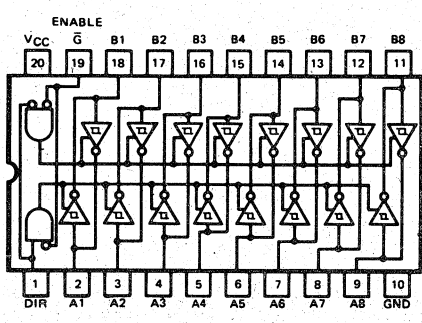
ECG74LS629



Dual Voltage Controlled Oscillator with Enable

Diag. 219 20-Pin DIP See Fig. D12

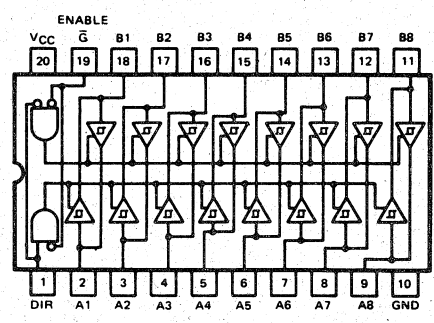
ECG74LS640



Octal Bus Transceiver with Inverting 3-State Output

Diag. 220 20-Pin DIP See Fig. D12

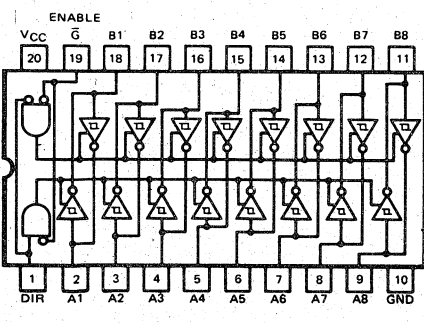
ECG74LS641



Octal Bus Transceiver with Non-Inverting 3-State Open Collector Output

Diag. 221 20-Pin DIP See Fig. D12

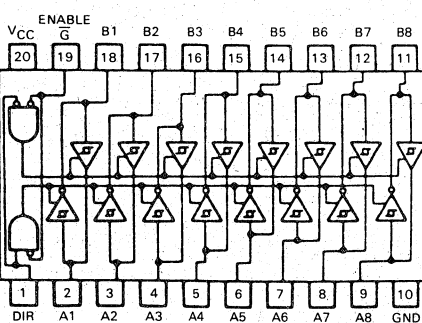
ECG74LS642



Octal Bus Transceiver with Inverting Open Collector Output

Diag. 222 20-Pin DIP See Fig. D12

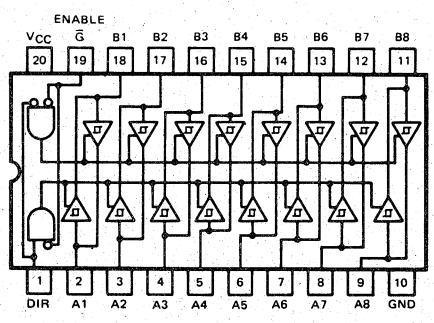
ECG74LS643



Octal Bus Transceiver with Inverting and Non-Inverting 3-State Output

Diag. 223 20-Pin DIP See Fig. D12

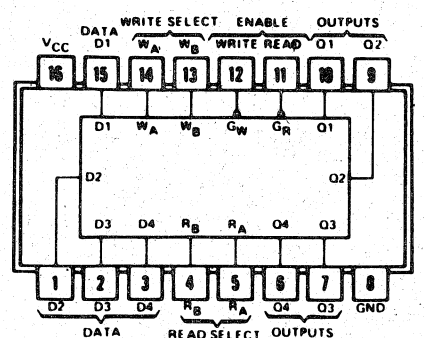
ECG74LS645



Octal Bus Transceiver with Non-Inverting 3-State Output

Diag. 224 16-Pin DIP See Fig. D8

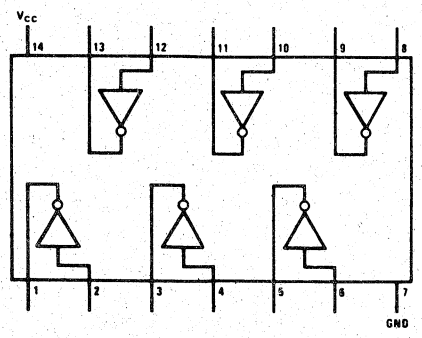
ECG74LS670



4 x 4 Register File with 3-State Output

Diag. 225 14-Pin DIP See Fig. D6

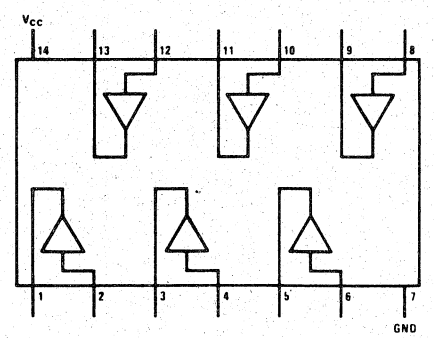
ECG74C901



Hex CMOS to TTL Interface Buffer (Inverting Output)

Diag. 226 14-Pin DIP See Fig. D6

ECG74C902

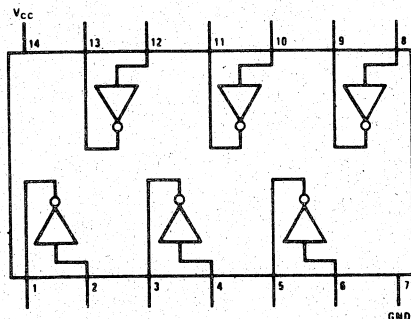


Hex CMOS to TTL Interface Buffer (Non-Inverting Output)

TTL Logic Diagrams (cont'd)

Diag. 227 14-Pin DIP See Fig. D6

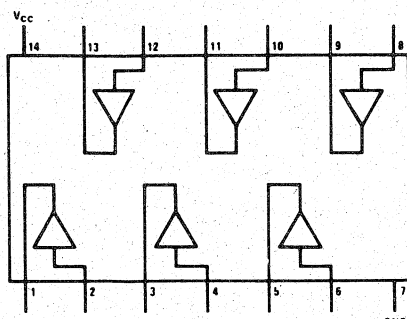
ECG74C903



Hex PMOS to TTL/CMOS Interface Buffer
(Inverting Output)

Diag. 228 14-Pin DIP See Fig. D6

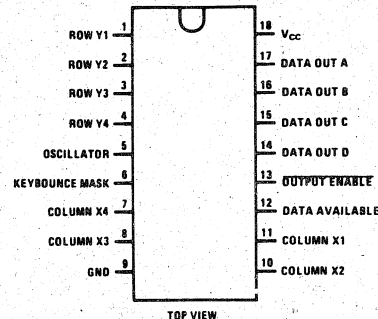
ECG74C904



Hex PMOS to TTL/CMOS Interface Buffer
(Non-Inverting Output)

Diag. 229 18-Pin DIP See Fig. D10

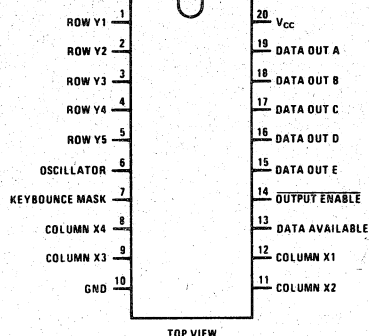
ECG74C922



16-Key Keyboard Encoder with 3-State
Output

Diag. 230 20-Pin DIP See Fig. D12

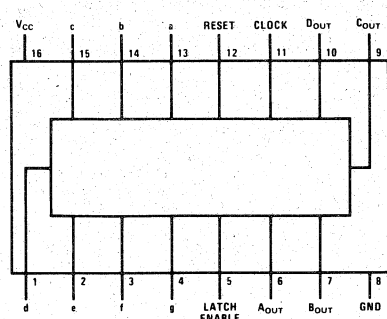
ECG74C923



20-Key Keyboard Encoder with 3-State
Output

Diag. 231 16-Pin DIP See Fig. D8

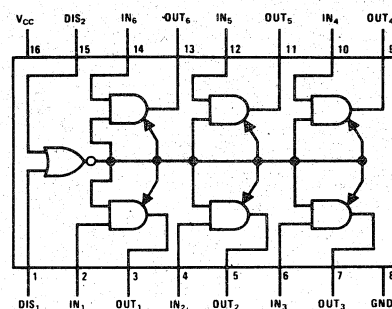
ECG74C925



4-Digit Counter with Multiplexed 7-Segment
Output

Diag. 232 16-Pin DIP See Fig. D8

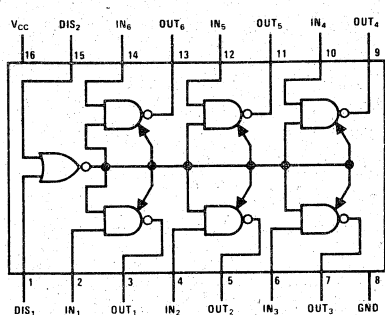
ECG80C95



Hex Buffer with 3-State Output (Common
Enable)

Diag. 233 16-Pin DIP See Fig. D8

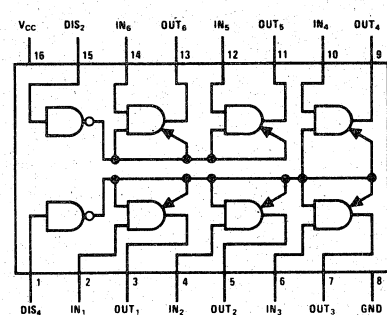
ECG80C96



Hex Inverter/Buffer with 3-State Output
(Common Enable)

Diag. 234 16-Pin DIP See Fig. D8

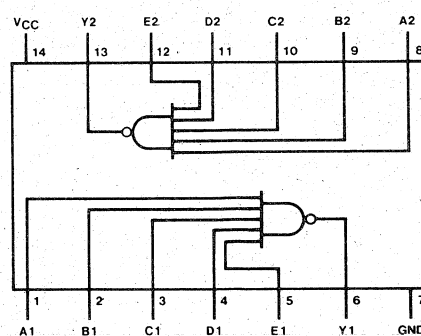
ECG80C97



Hex Buffer with 3-State Output (2-Line/4-
Line Enable)

Diag. 235 14-Pin DIP See Fig. D6

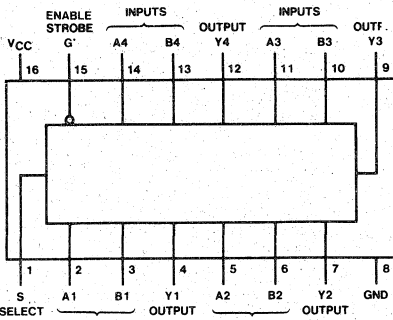
ECG8092



Dual 5-Input NAND Gate

Diag. 236 16-Pin DIP See Fig. D8

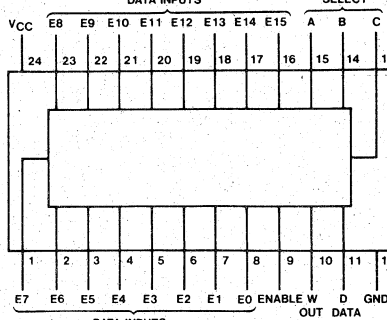
ECG8123



Quad 2-Line-to-1-Line Data Selector/Multi-
plexer with 3-State Output

Diag. 237 24-Pin DIP See Fig. D15

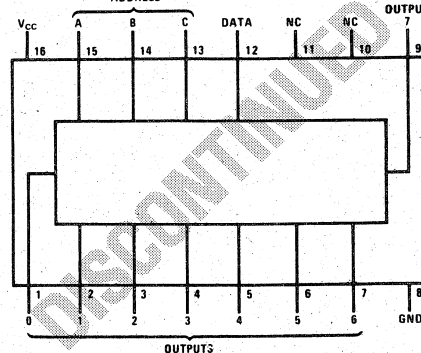
ECG8219



16-Line-to-1-Line Data Selector/Multiplexer
with Inverting 3-State Output

Diag. 238 16-Pin DIP See Fig. D8

ECG8223

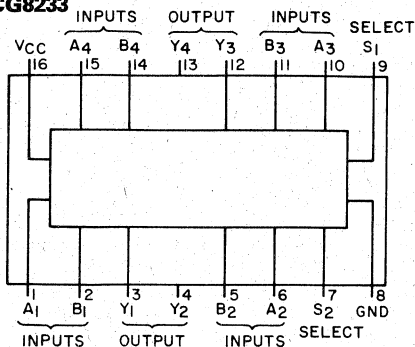


1-Line-to-8-Line Decoder/Demultiplexer

TTL Logic Diagrams (cont'd)

Diag. 239 16-Pin DIP See Fig. D8

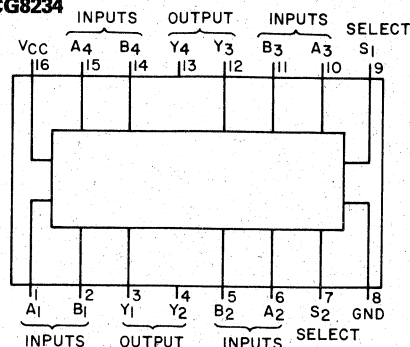
ECG8233



Quad 2-Line-to-1-Line Data Selector/
Multiplexer

Diag. 240 16-Pin DIP See Fig. D8

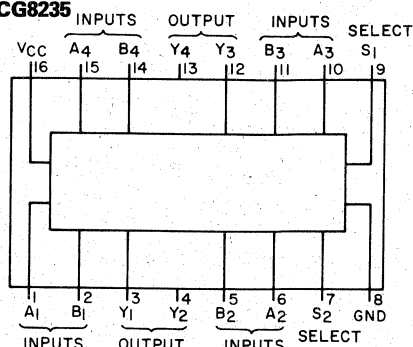
ECG8234



Quad 2-Line-to-1-Line Data Selector/Multi-
plexer with Inverting Output

Diag. 241 16-Pin DIP See Fig. D8

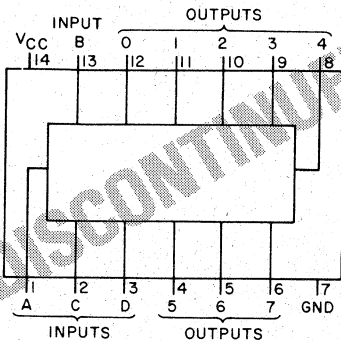
ECG8235



Quad 2-Line-to-1-Line Data Selector/Multi-
plexer with Open Collector Output

Diag. 242 14-Pin DIP See Fig. D6

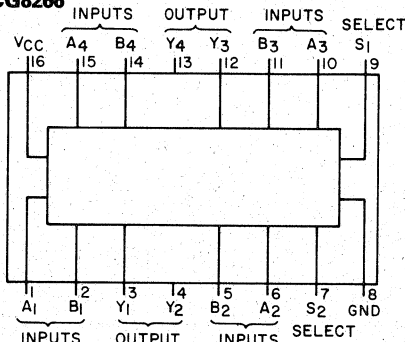
ECG8250



3-Line-to-8-Line Decoder

Diag. 243 16-Pin DIP See Fig. D8

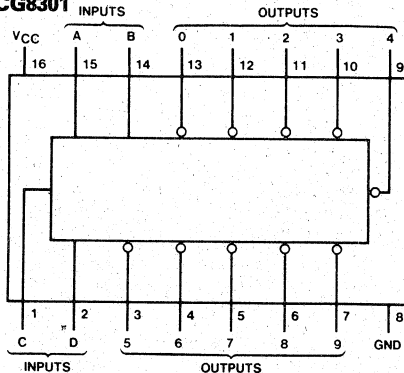
ECG8266



Quad 2-Line-to-1-Line Data Selector/Multi-
plexer with Conditional Outputs

Diag. 244 16-Pin DIP See Fig. D8

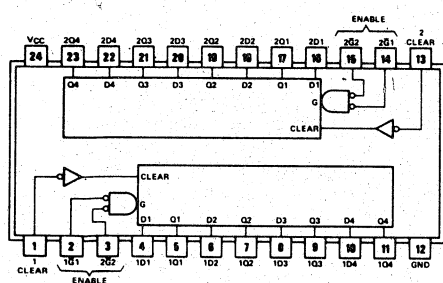
ECG8301



BCD-to-Decimal Decoder

Diag. 245 24-Pin DIP See Fig. D15
(See also Diag. 265)

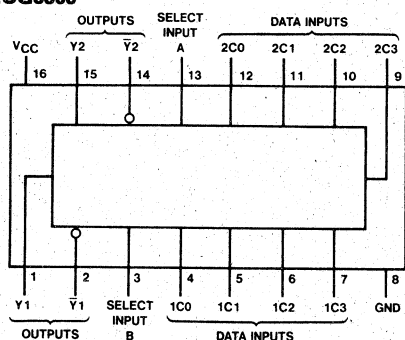
ECG8308



Dual 4-Bit Latch

Diag. 246 16-Pin DIP See Fig. D8

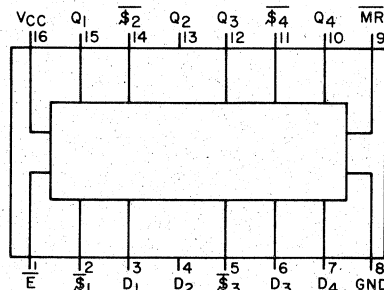
ECG8309



Dual 4-Line-to-1-Line Data Selector/Multi-
plexer with Complementary Output

Diag. 247 16-Pin DIP See Fig. D8

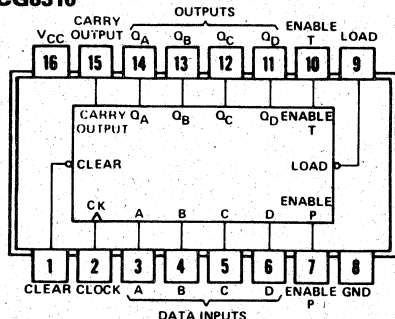
ECG8314



Quad Latch

Diag. 248 16-Pin DIP See Fig. D8
(See also Diag. 266)

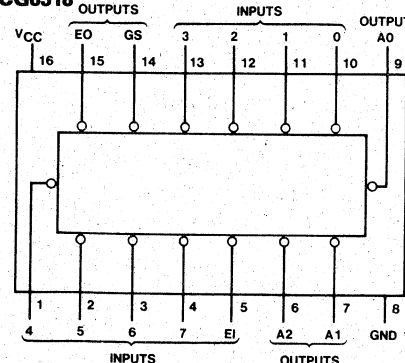
ECG8316



Presettable Synchronous 4-Bit Binary
Counter with Direct Clear

Diag. 249 16-Pin DIP See Fig. D8

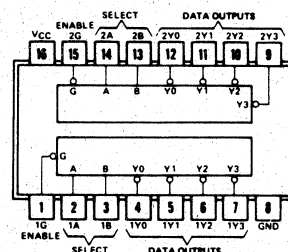
ECG8318



8-Line-to-3-Line Priority Encoder

Diag. 250 16-Pin DIP See Fig. D8

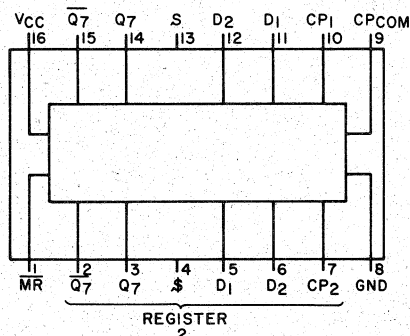
ECG8321



Dual 2-Line-to-4-Line Decoder/Demultiplexer

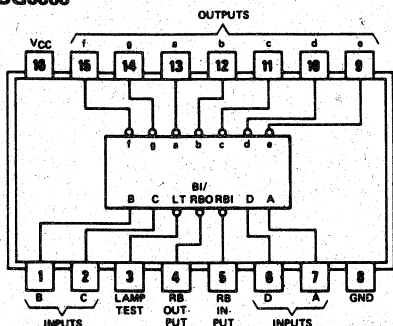
TTL Logic Diagrams (cont'd)

Diag. 251
ECG8328 16-Pin DIP See Fig. D8



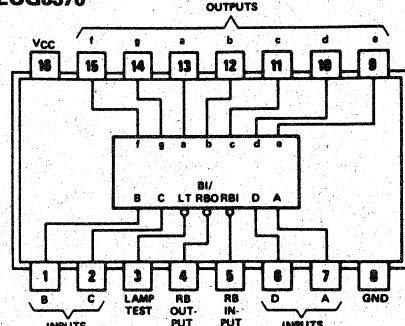
Dual 8-Bit Serial Shift Register

Diag. 252
ECG8368 16-Pin DIP See Fig. D8



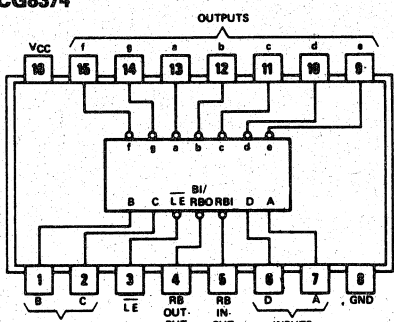
Hexadecimal-to-7-Segment Decoder/Latch/Driver for Common Cathode Displays

Diag. 253
ECG8370 16-Pin DIP See Fig. D8



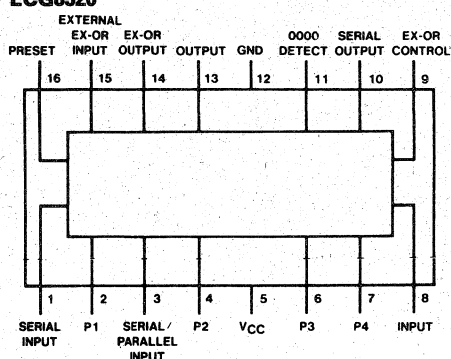
Hexadecimal-to-7-Segment Decoder/Latch/Driver with Open Collector Output

Diag. 254
ECG8374 16-Pin DIP See Fig. D8



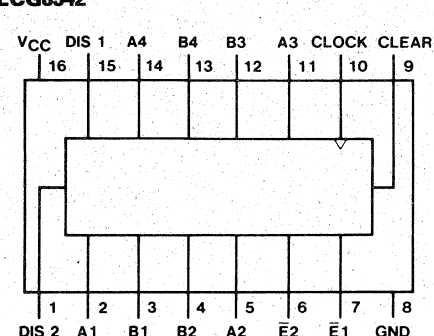
Hexadecimal-to-7-Segment Decoder/Driver/Latch for Common Anode Displays

Diag. 255
ECG8520 16-Pin DIP See Fig. D8



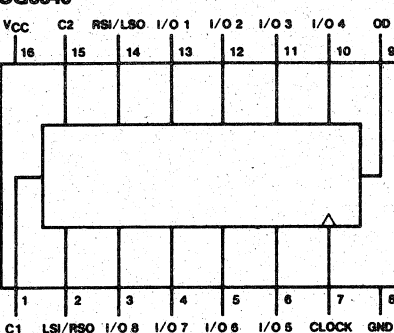
Modulo "N" Divider

Diag. 256
ECG8542 16-Pin DIP See Fig. D8



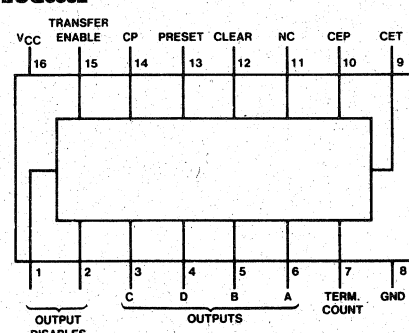
Quad I/O Register with 3-State Output

Diag. 257
ECG8546 16-Pin DIP See Fig. D8



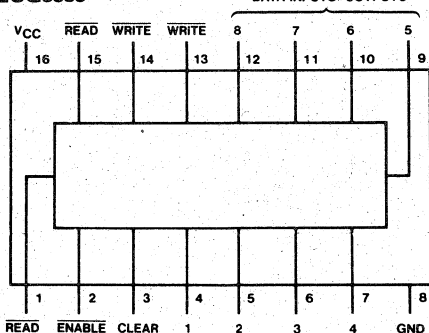
8-Bit Bidirectional I/O Shift Register with 3-State I/O Lines

Diag. 258
ECG8552 16-Pin DIP See Fig. D8



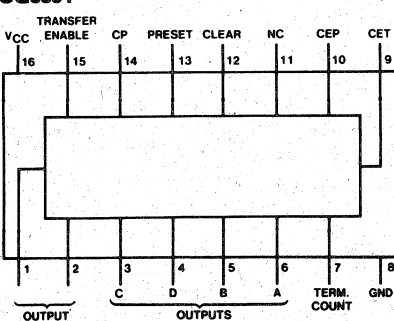
Synchronous Decade Counter/Latch with 3-State Output

Diag. 259
ECG8553 16-Pin DIP See Fig. D8



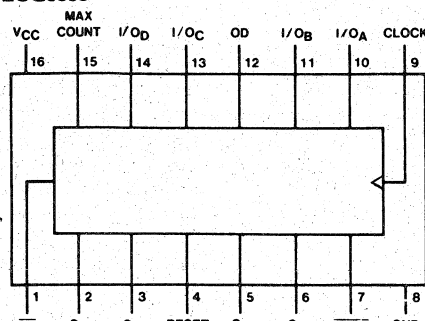
8-Bit Latch with 3-State I/O Lines

Diag. 260
ECG8554 16-Pin DIP See Fig. D8



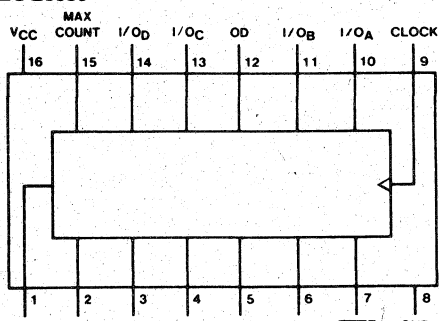
Synchronous 4-Bit Binary Counter/Latch with 3-State Output

Diag. 261
ECG8555 16-Pin DIP See Fig. D8



Presettable Synchronous Decade Counter with 3-State Output

Diag. 262
ECG8556 16-Pin DIP See Fig. D8

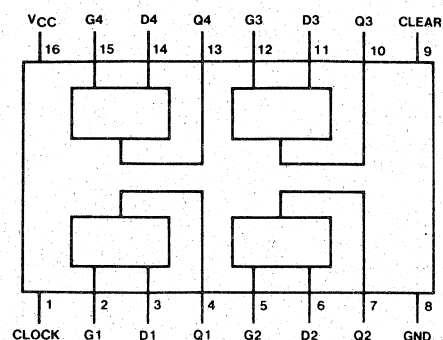


Presettable Synchronous 4-Bit Binary Counter with 3-State Output

TTL Logic Diagrams (cont'd)

Diag. 263 16-Pin DIP See Fig. D8

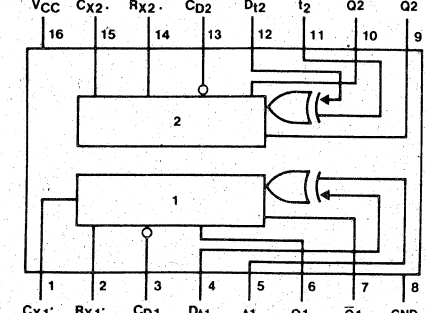
ECG8613



Quad Gated "D" Flip-Flop

Diag. 264 16-Pin DIP See Fig. D8

ECG8853



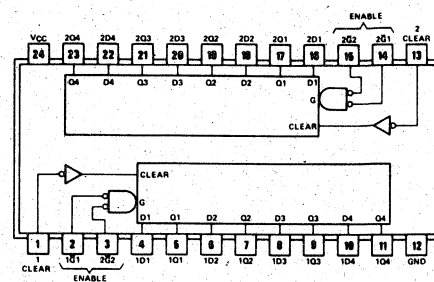
Dual Retriggerable/Resetable Monostable Multivibrator with Delay

*Pins for external timing

Diag. 265 24-Pin DIP See Fig. D15

(See also Diag. 245)

ECG93L08

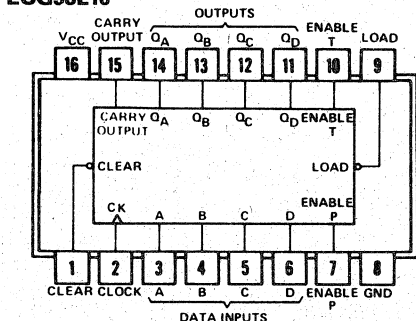


Dual 4-Bit Latch

Diag. 266 16-Pin DIP See Fig. D8

(See also Diag. 248)

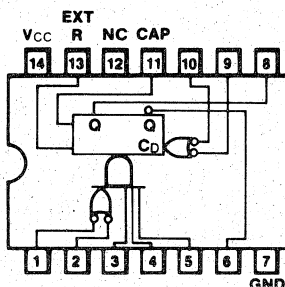
ECG93L16



Presettable Synchronous 4-Bit Binary Counter with Direct Clear

Diag. 267 14-Pin DIP See Fig. D6

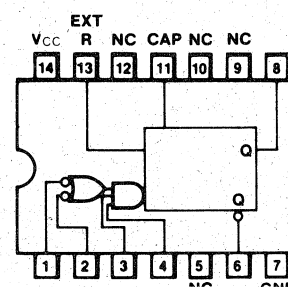
ECG9600



Retriggerable/Resetable Monostable Multivibrator

Diag. 268 14-Pin DIP See Fig. D6

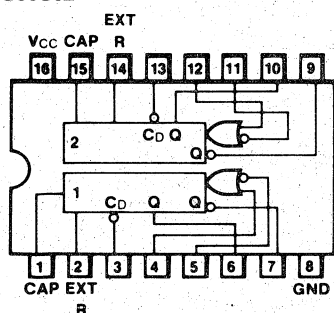
ECG9601



Retriggerable Monostable Multivibrator

Diag. 269 16-Pin DIP See Fig. D8

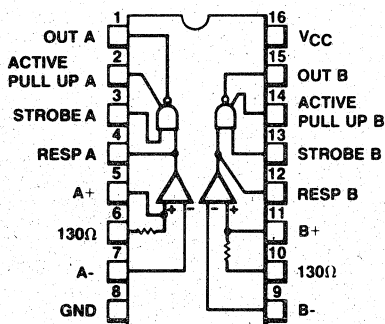
ECG9602, ECG96L02, ECG96LS02, ECG96S02



Dual Retriggerable/Resetable Monostable Multivibrator

Diag. 270 16-Pin DIP See Fig. D8

ECG9615



Dual Differential Line Receiver

Interface, Display Driver Integrated Circuits

ECG No.	Description	Page No.	Fig. No.
74C48	IC-CMOS BCD-7-Segment Decoder	1-349	D8
74C925	IC-CMOS 4-Digit Counter, Multiplex 7-Segment Driver	1-365	D8
74LS47	IC-TTL Lo Pwr Schottky BCD-to-7-Segment Decoder/Driver	1-349	D8
74SL48	IC-TTL Lo Pwr Schottky BCD-to-7-Segment Decoder/Driver	1-349	D8
74LS49	IC-TTL Lo Pwr Schottky BCD-to-7-Segment Decoder/Driver	1-349	D6
74LS240	IC-TTL Lo Pwr Schottky Octal 3-State Driver	1-359	D12
74LS241	IC-TTL Lo Pwr Schottky Octal 3-State Driver	1-360	D12
74LS242	IC-TTL Lo Pwr Schottky Quad Bus Transceiver	1-360	D6
74LS243	IC-TTL Lo Pwr Schottky Quad Bus Transceiver	1-360	D6
74LS244	IC-TTL Lo Pwr Schottky Octal 3-State Driver	1-360	D12
74LS247	IC-TTL Lo Pwr Schottky BCD-to-7-Segment Decoder/Driver	1-360	D8
74LS248	IC-TTL Lo Pwr Schottky BCD-to-7-Segment Decoder/Driver	1-360	D8
74LS249	IC-TTL Lo Pwr Schottky BCD-to-7-Segment Decoder/Driver	1-360	D8
74LS366A	IC-TTL Lo Pwr Schottky Hex Inverter/Buffer with Common 2-Input NOR Enable	1-362	D8
74LS367	IC-TTL Lo Pwr Schottky Hex 3-State Buffer with Separate 2-Bit and 4-Bit Sections	1-362	D8
74LS368	IC-TTL Lo Pwr Schottky Hex 3-State Inverter/Buffer with Separate 2-Bit and 4-Bit Sections	1-362	D8
74LS540	IC-TTL Octal 3-State Inverting Buffer/Driver	1-363	D12
74LS541	IC-TTL Octal 3-State Non-Inverting Buffer/Driver	1-363	D12
916	IC-Transistor Array for Digital Segment Displays	1-175	L111
1500	IC-Voltage Level Ind. Dr, 7-Step Output for LED, Log Scale	1-248	L151
1501	IC-Voltage Level Ind. Dr, 7-Step Output for LED, Linear Scale	1-248	L151
1502	IC-Voltage Level Ind. Dr, 5-Step Output for LED, Linear Scale	1-248	L41
1503	IC-Voltage Level Ind. Dr, 5-Step Output for LED, Log Scale	1-248	L41
1504	IC-Voltage Level Ind. Dr, 5-Step Log, Open Collector Outputs	1-248	L97
1505	IC-Voltage Level Ind. Dr, 5-Step Linear, Open Collector Outputs	1-248	L97
1506	IC-Voltage Level Ind. Dr, 10-Step Linear, Open Collector Outputs	1-248	L111
1507	IC-Voltage Level Ind. Dr, 10-Step Linear, Open Emitter Outputs	1-248	L111
1508	IC-Voltage Level Ind. Dr, 10-Step Linear, Open Collector Outputs	1-249	L115
1509	IC-Voltage Level Ind. Dr, 10-Step Log, Open Collector Outputs	1-249	L115
1510	IC-Voltage Level Ind. Dr, 5-Step Output for LED, Linear Scale	1-249	L35
1511	IC-Voltage Level Ind. Dr, 5-Step Output for LED, Linear Scale	1-249	L144
1512	IC-Voltage Level Ind. Dr, 5-Step Output for LED, Log Scale	1-249	L144
1513	IC-Voltage Level Ind. Dr, 9-Step Output for LED, Log Scale	1-249	L111
1514	IC-Voltage Level Ind. Dr, 5-Step Output for LED, Log Scale	1-249	L111
1515	IC-Voltage Level Ind. Dr, 5-Step Output for LED, Log Scale	1-249	L111
1519	IC-Voltage Level Ind. Dr, 10-Step Output for LED, Linear Scale	1-250	L111
1537	IC-Time-Frequency Display Dr for AM/FM w/Stop-watch Day/Date (CMOS)	1-252	L126
2011	IC-7 Channel MOS/TTL Input Driver	1-370	D8
2012	IC-7 Channel PMOS Input Driver	1-370	D8
2013	IC-7 Channel CMOS/TTL Input Driver	1-370	D8
2014	IC-7 Channel CMOS/PMOS Input Driver	1-370	D8
2015	IC-7 Channel CMOS/TTL Input Driver	1-370	D8
2016	IC-8 Channel MOS/TTL Input Driver	1-370	D10
2017	IC-8 Channel PMOS Input Driver	1-370	D10
2018	IC-8 Channel CMOS/TTL Input Driver	1-370	D10
2019	IC-8 Channel CMOS/PMOS Input Driver	1-370	D10
2020	IC-8 Channel CMOS/TTL Input Driver	1-370	D10
2021	IC-8 Digit/Segment Display Driver	1-370	D10
2022	IC-8 Digit/Segment Display Driver	1-370	D10
2023	IC-7 Segment Display Driver	1-370	D8
2024	IC-2 Digit BCD-to-7-Segment Decoder/Driver	1-370	D15
2025	IC-Quad HV Display Driver for Gas Discharge Displays	1-370	D6
2026	IC-Hex HV Display Driver for Gas Discharge Displays	1-370	D8
2027	IC-Hex LED Digit Driver, MOS Compatible	1-370	D6
2028	IC-7-Segment HV Decoder/Driver for Gas Filled Displays	1-370	D8
2029	IC-HV Digit Driver for Gas Discharge Displays	1-370	D8
2030	IC-HV Segment Driver for Gas Discharge Displays	1-370	D10
2031	IC-HV Digit Driver for Gas Discharge Displays (Active Low Inputs)	1-371	D8
2032	IC-BCD-to-7-Segment Decoder/Driver with Constant Current Outputs	1-371	D8
2070	IC-Transistor Array, 7-Unit 150 mA with Clamp Diode and Strobe	1-371	D10

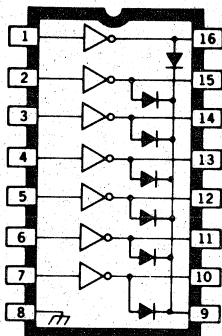
ECG No.	Description	Page No.	Fig. No.
2071	IC-Transistor Array, 7-Unit 150 mA with Clamp Diode and Strobe	1-371	D10
2072	IC-Transistor Array, 6-Unit 320 mA with Clamp Diode and Strobe	1-371	D8
2073	IC-Transistor Array, 6-Unit 320 mA with Clamp Diode and Strobe	1-371	D8
2074	IC-Darlington Array, 7-Unit 400 mA with Clamp Diode	1-370	D8
2075	IC-Transistor Array, 5-Unit 320 mA with Strobe	1-371	D6
2076	IC-Darlington Array, 7-Unit 150 mA with Clamp Diode	1-370	D8
2077	IC-Transistor Array, 6-Unit 150 mA with Clamp Diode	1-371	D6
2078	IC-Darlington Array, 5-Unit 500 mA	1-371	D6
2079	IC-Darlington Array, 7-Unit 400 mA	1-371	D8
2080	IC-Transistor Array, 7-Unit 100 mA with Strobe	1-371	D10
2081	IC-Transistor Array, 7-Unit 100 mA Drivers	1-370	D8
2082	IC-Darlington Array, 6-Unit 100 mA	1-371	D7
2083	IC-Darlington Array, 6-Unit 150 mA	1-371	D7
2084	IC-Darlington Array, 5-Unit 150 mA	1-371	D7
2085	IC-Darlington Array, 4-Unit 1.5 A	1-371	D8
2086	IC-Darlington Array, 4-Unit 1.5 A (PMOS Compatible Inputs)	1-371	D8
2087	IC-Darlington Array, 4-Unit 1.5 A with Pre-Driver Stage	1-371	D8
2088	IC-Darlington Array, 4-Unit 1.5 A with Pre-Driver Stage	1-371	D8
2090	IC-Transistor Array, 7-Unit 150 mA with Clamp Diode	1-372	D8
4055B	IC-CMOS BCD-7-Segment Decoder/Driver	1-321	D8
4056B	IC-CMOS BCD-to-7-Segment Decoder/Driver with Strobed Latch	1-321	D8
4511B	IC-CMOS BCD-to-7-Segment Latch Decoder/Driver	1-324	D8
4513B	IC-CMOS BCD-to-7-Segment Latch/Decoder/Driver with Ripple Blanking	1-324	D8
6880	IC-Schottky Quad 3-State Inverting Bus Transceiver	1-372	D8
6885	IC-Schottky Hex Hi Speed 3-State Non-Inverting Bus/Interface Driver with Common Enable	1-372	D8
6886	IC-Schottky Hex Hi Speed 3-State Inverting Bus/Interface Driver with Common Enable	1-372	D8
6887	IC-Schottky Hex Hi Speed 3-State Non-Inverting Bus/Interface Driver with 2-Line and 4-Line Enable	1-372	D8
6888	IC-Schottky Hex Hi Speed 3-State Inverting Bus/Interface Driver with 2-Line and 4-Line Enable	1-372	D8
6889	IC-Schottky Quad 3-State Non-Inverting Bus Transceiver	1-372	D8
7441	IC-TTL 1-of-10 Decoder/Driver for Cold Cathode Indicator Tubes	1-348	D8
7445	IC-TTL BCD-to-Decimal Decoder/Driver (30V)	1-349	D8
7446	IC-TTL BCD-to-7-Segment Decoder/Driver (30V)	1-349	D8
7447	IC-TTL BCD-to-7-Segment Decoder/Driver (15V)	1-349	D8
7448	IC-TTL BCD-to-7-Segment Decoder/Driver	1-349	D8
8368	IC-TTL 7-Segment Latch/Decoder/Driver for Common Cathode LED	1-367	D6
8370	IC-TTL 7-Segment Decoder/Driver/Latch with Open Collector Outputs	1-367	D8
8374	IC-TTL 7-Segment Latch/Decoder/Driver for Common Anode LED	1-367	D8
9380	IC-HLL BCD-to-Decade Decoder/Lamp Driver	1-335	D8
9381	IC-HLL BCD-to-Decade Decoder/Logic Driver	1-335	D8
9382	IC-HLL BCD-to-Decade Decoder/Gas Discharge Tube Driver	1-335	D8
9383	IC-HLL BCD-to-7-Segment Decoder/Driver	1-335	D8
9679	IC-HTL Dual Lamp/Line Driver	1-338	D6
9696	IC-HTL Dual Interface Element Line Driver/Receiver	1-339	D8
74141	IC-TTL BCD-to-Decimal Decoder/Driver	1-355	D8
74142	IC-TTL BCD Counter/4-Bit Latch/BCD Decoder/Driver	1-355	D8
74143	IC-TTL 4-Bit Counter/Latch and Decoder/Driver for 7-Segment LED Displays	1-356	D15
74144	IC-TTL 4-Bit Counter/Latch and Decoder/Driver with Open Collector Outputs	1-356	D15
74145	IC-TTL BCD-to-Decimal Decoder/Driver	1-356	D8
74249	IC-TTL BCD-to-7-Segment Decoder/Driver	1-360	D8
74365	IC-TTL Hex Non-Inverting 3-State Bus Driver with Common Enable	1-360	D8
74366	IC-TTL Hex Inverting 3-State Bus Driver with Common Enable	1-362	D8
74367	IC-TTL Hex Non-Inverting 3-State Bus Driver with 4-Line and 2-Line Enable	1-362	D8
74368	IC-TTL Hex Inverting 3-State Bus Driver with 4-Line and 2-Line Enable	1-362	D8
75188	IC-DTL Quad Line Driver	1-372	D6
75189	IC-DTL Quad Line Receiver	1-372	D6
75450B	IC-Dual Peripheral AND Driver	1-372	D6
75451B	IC-Dual Peripheral AND Driver	1-372	D4
75452B	IC-Dual Peripheral NAND Driver	1-372	D4
75453B	IC-Dual Peripheral OR Driver	1-373	D4
75454B	IC-Dual Peripheral NOR Driver	1-373	D4
75491B	IC-4-Segment MOS to LED Anode Driver	1-373	D6
75492B	IC-6-Digit MOS to LED Cathode Driver	1-373	D6
75493	IC-4-Segment MOS to LED Anode Driver	1-373	D8
75494	IC-6-Digit MOS to LED Cathode Driver	1-373	D8
75497	IC-7-Digit MOS to LED Cathode Driver	1-373	D8
75498	IC-9-Digit MOS to LED Cathode Driver	1-373	D12

Display Driver Circuits

ECG **I_o Max***

2011	600 mA
2012	600 mA
2013	600 mA
2014	600 mA
2015	600 mA
2074	400 mA
2076	150 mA
2081	100 mA

16-Pin DIP See Fig. D8

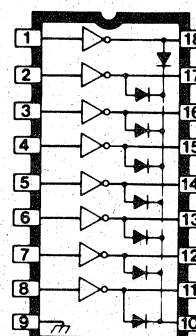


7 Unit Darlington Array/Driver

ECG **I_o Max***

2016	600 mA
2017	600 mA
2018	600 mA
2019	600 mA
2020	600 mA

18-Pin DIP See Fig. D10



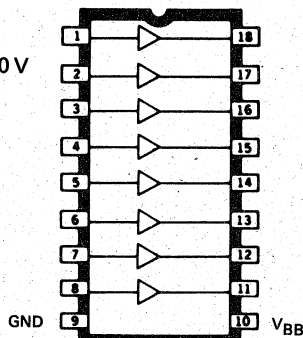
8 Unit Darlington Array/Driver

ECG **I_o Max***

2021	40 mA
2022	40 mA

18-Pin DIP
See Fig. D10

$V_{BB} = +80 V$

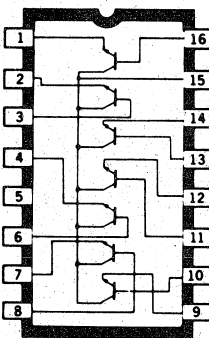


8 Digit/Segment, Darlington Array/Driver

ECG **I_o Max***

2023	200 mA
-------------	--------

16-Pin DIP
See Fig. D8

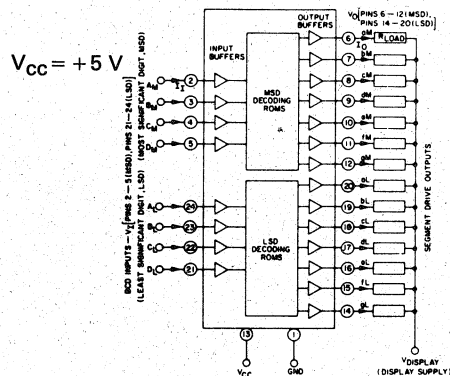


7 Segment/LED, Transistor Array/Driver

ECG **I_o Max***

2024	25 mA
-------------	-------

24-Pin DIP
See Fig. D15



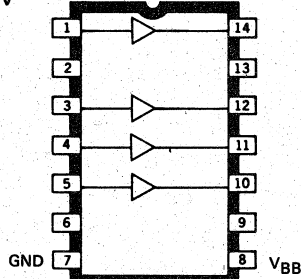
2 Digit BCD-to-7 Segment Decoder/Driver

ECG **I_o Max***

2025	40 mA
-------------	-------

14-Pin DIP
See Fig. D6

$V_{BB} = +100 V$



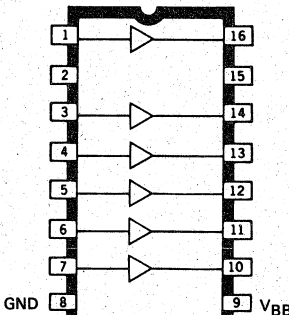
4 HV Digit Driver

ECG **I_o Max***

2026	40 mA
-------------	-------

16-Pin DIP
See Fig. D8

$V_{BB} = +100 V$

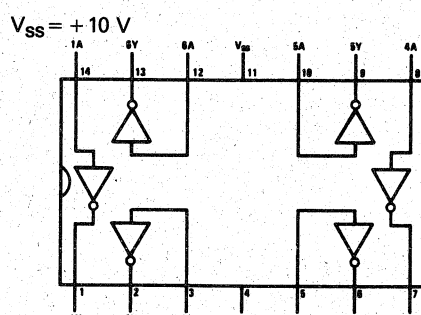


6 HV Digit Driver

ECG **I_o Max***

2027	350 mA
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14-Pin DIP
See Fig. D6



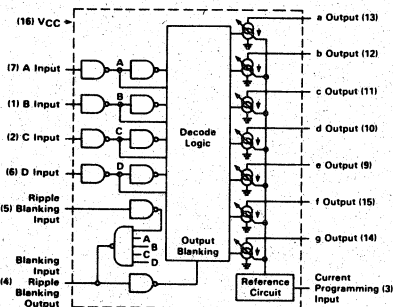
6 Digit Driver

ECG **I_o Max***

2028	1.5 mA
-------------	--------

16-Pin DIP
See Fig. D8

$V_{CC} = +5 V$



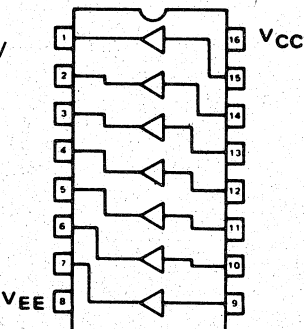
BCD-to-7 Segment Decoder/Driver

ECG **I_o Max***

2029	50 mA
-------------	-------

16-Pin DIP
See Fig. D8

$V_{EE} = -55 V$
 $V_{CC} = GND$

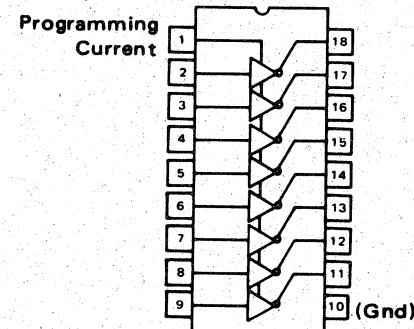


7 HV Digit Driver (Active High Input)

ECG

2030

18-Pin DIP
See Fig. D10



8 HV Segment Driver

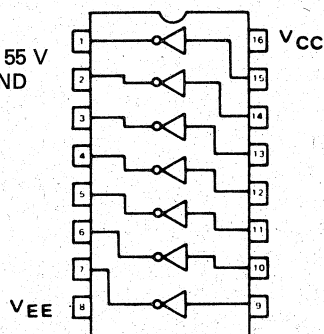
* I_o Max = Max Current Per Output

Display Driver Circuits (cont'd)

ECG **I_O Max***
2031 50 mA

16-Pin DIP
See Fig. D8

$V_{EE} = -55 V$
 $V_{CC} = GND$

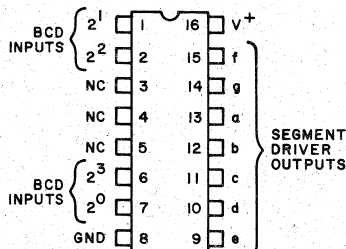


7 HV Digit Driver (Active Low Input)

ECG **I_O Max***
2032 30 mA

16-Pin DIP
See Fig. D8

$V^+ = +5 V$

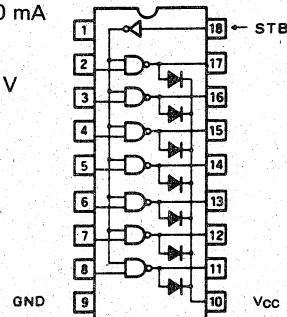


BCD-to-7 Segment Decoder/Driver,
w/Constant Current Outputs

ECG **I_O Max***
2070 150 mA
2071 150 mA

18-Pin DIP
See Fig. D10

$V_{CC} = +6 V$

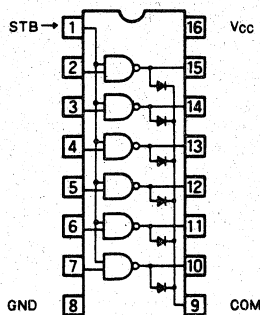


7 Unit Transistor Array/Driver, w/Clamp
Diode and Strobe

ECG **I_O Max***
2072 320 mA
2073 320 mA

16-Pin DIP
See Fig. D8

$V_{CC} = +6 V$

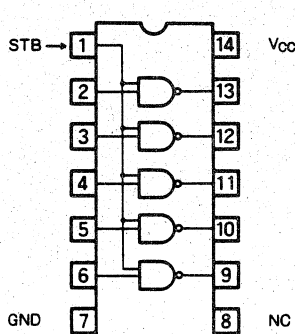


6 Unit Transistor Array/Driver, w/Clamp
Diode and Strobe

ECG **I_O Max***
2075 320 mA

14-Pin DIP
See Fig. D6

$V_{CC} = +6 V$

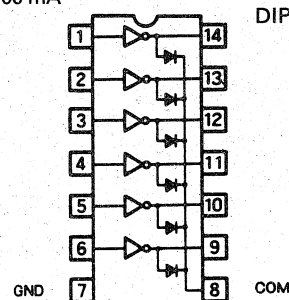


5 Unit Transistor Array/Driver, w/Strobe

ECG **I_O Max***
2077 150 mA
2082 100 mA

14-Pin DIP
See Fig. D6

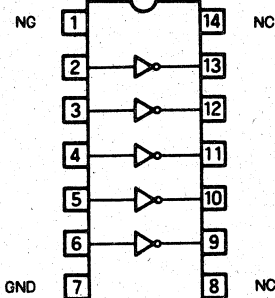
14-Pin
DIP-ET See
Fig. D7



6 Unit Darlington Array/Driver, w/Clamp
Diode

ECG **I_O Max***
2078 500 mA
2084 500 mA

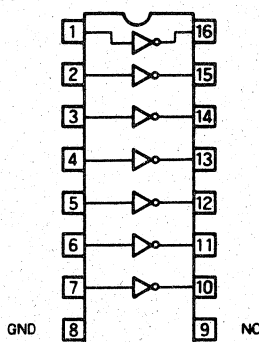
14-Pin DIP
See Fig. D6
14-Pin
DIP-ET See
Fig. D7



5 Unit Darlington Array/Driver

ECG **I_O Max***
2079 400 mA

16-Pin DIP
See Fig. D8

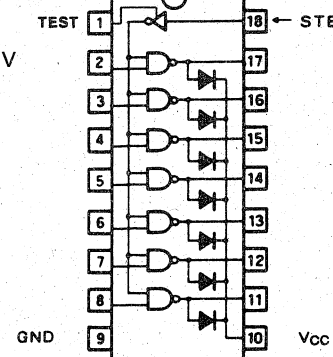


7 Unit Darlington Array/Driver

ECG **I_O Max***
2080 100 mA

18-Pin DIP See
Fig. D10

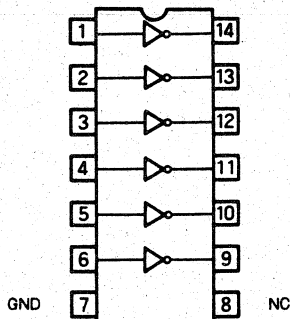
$V_{CC} = +8 V$



7 Unit Transistor Array/Driver, w/Strobe

ECG **I_O Max***
2083 150 mA

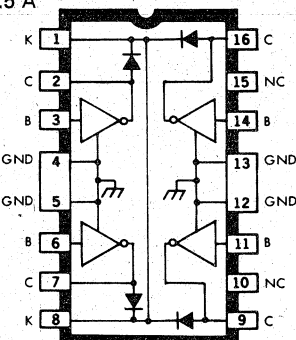
14-Pin DIP-ET
See Fig. D7



6 Unit Darlington Array/Driver

ECG **I_O Max***
2085 1.5 A
2086 1.5 A

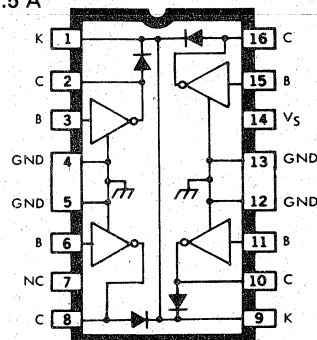
16-Pin DIP
See Fig. D8



4 Unit Darlington Array/Driver

ECG **I_O Max***
2087 1.5 A
2088 1.5 A

16-Pin DIP
See Fig. D8



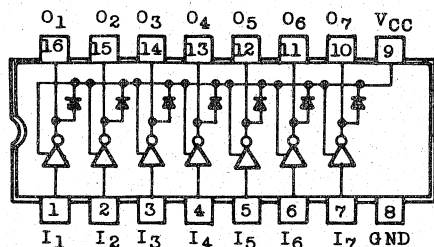
4 Unit Darlington Array/Driver, w/Pre-Driver

* I_O Max = Current Per Transistor

Display Driver Circuits (cont'd)

ECG
2090 I_o Max*
150 mA

16-Pin DIP
See Fig. D8

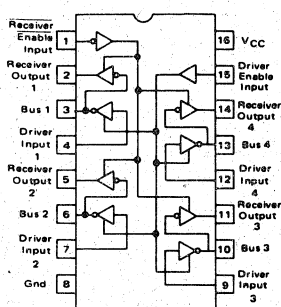


7 Unit Transistor Array/Driver,
w/ Clamp Diode

ECG
6880

16-Pin DIP See Fig. D8

$V_{CC} = +5V$

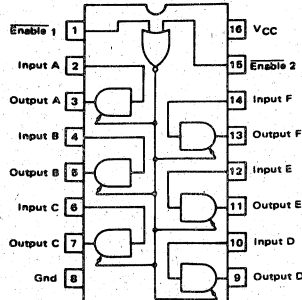


Schottky Quad 3-State Bus Transceiver
(Inverting)

ECG
6885

16-Pin DIP See Fig. D8

$V_{CC} = +5V$

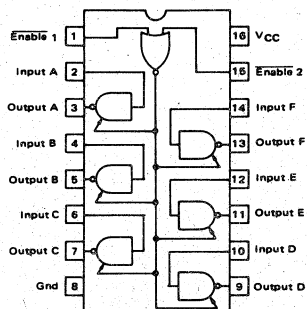


Schottky Hex 3-State Bus/IF Driver with
Common Enable (Non-Inverting)

ECG
6886

16-Pin DIP See Fig. D8

$V_{CC} = +5V$

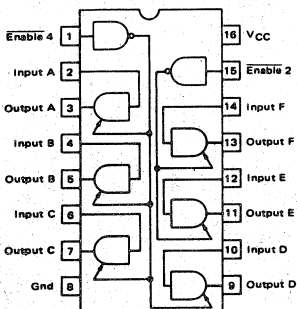


Schottky Hex 3-State Bus/IF Driver, with
Common Enable (Inverting)

ECG
6887

16-Pin DIP See Fig. D8

$V_{CC} = +5V$

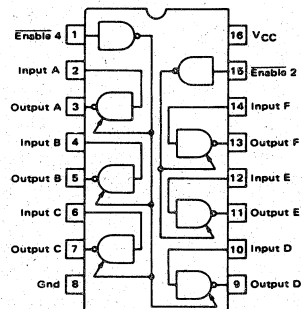


Schottky Hex 3-State Bus/IF Driver, w/2 & 4
Line Enable (Non-Inverting)

ECG
6888

16-Pin DIP See Fig. D8

$V_{CC} = +5V$

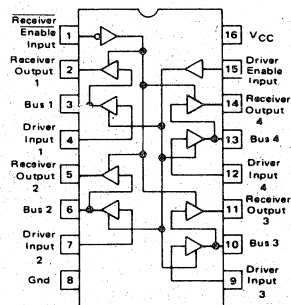


Schottky Hex 3-State Bus/IF Driver, w/2 & 4
Line Enable (Inverting)

ECG
6889

16-Pin DIP See Fig. D8

$V_{CC} = +5V$

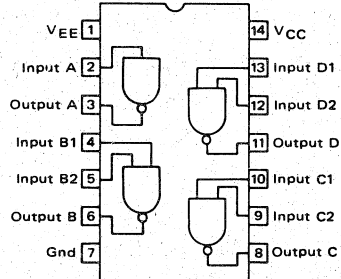


Schottky Quad 3-State Bus Transceiver
(Non-Inverting)

ECG
75188

14-Pin DIP See Fig. D6

$V_{CC} = +9V$
 $V_{EE} = -9V$

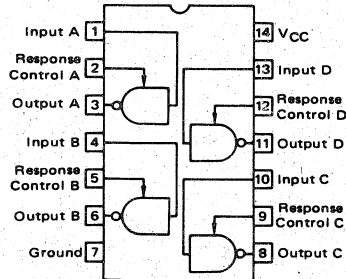


DTL Quad Line Driver

ECG
75189

14-Pin DIP See Fig. D6

$V_{CC} = +5V$

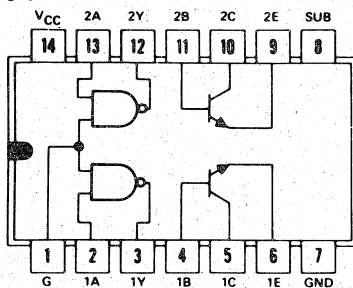


DTL Quad Line Receiver

ECG
75450B

14-Pin DIP See Fig. D6

$V_{CC} = +5V$

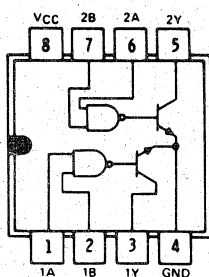


Dual Peripheral (NAND) AND Driver

ECG
75451B

8-Pin DIP See Fig. D4

$V_{CC} = +5V$

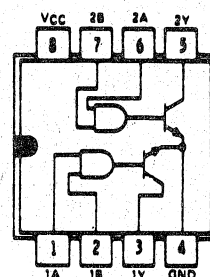


Dual Peripheral AND Driver

ECG
75452B

8-Pin DIP See Fig. D4

$V_{CC} = +5V$



Dual Peripheral NAND Driver

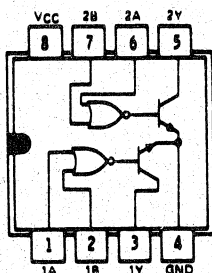
* I_o Max = Max Current Per Output

Display Driver Circuits (cont'd)

ECG
75453B

8-Pin DIP See Fig. D4

$V_{CC} = +5\text{ V}$

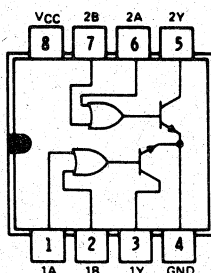


Dual Peripheral OR Driver

ECG
75454B

8-Pin DIP See Fig. D4

$V_{CC} = +5\text{ V}$

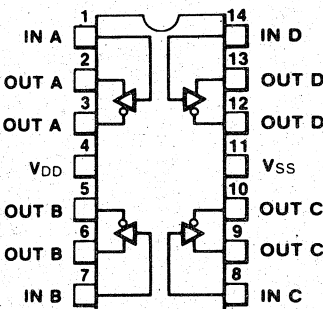


Dual Peripheral NOR Driver

ECG **I_O Max***
75491B 50 mA

14-Pin DIP
See Fig. D6

$V_{SS} = +20\text{ V}$
 $V_{DD} = \text{GND}$

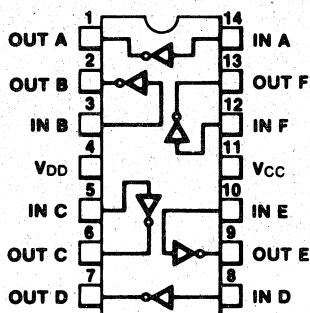


4 Unit Darlington LED Segment Driver

ECG **I_O Max***
75492B 250 mA

14-Pin DIP See Fig. D6

$V_{CC} = +10\text{ V}$
 $V_{DD} = \text{GND}$

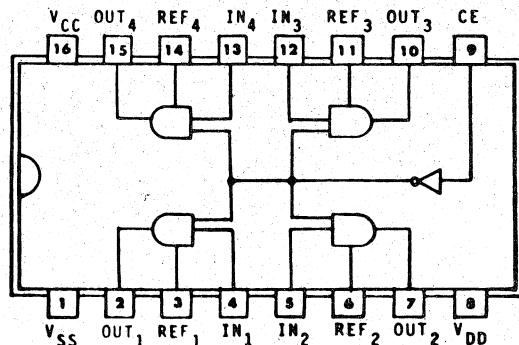


6 Unit Darlington Digit Driver

ECG **I_O Max***
75493 25 mA

16-Pin DIP See Fig. D8

$V_{CC} = +5\text{ V}$
 $V_{SS} = +8\text{ V}$
 $V_{DD} = \text{GND}$

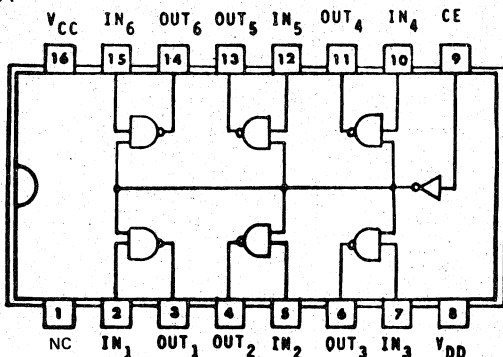


4 Unit LED Segment Driver, w/Blanking

ECG **I_O Max***
75494 150 mA

16-Pin DIP See Fig. D8

$V_{CC} = +5\text{ V}$
 $V_{DD} = \text{GND}$

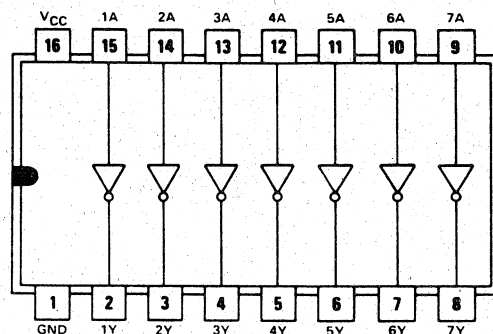


6 Unit LED Digit Driver, w/Blanking

ECG **I_O Max***
75497 100 mA

16-Pin DIP See Fig. D8

$V_{CC} = +6\text{ V}$

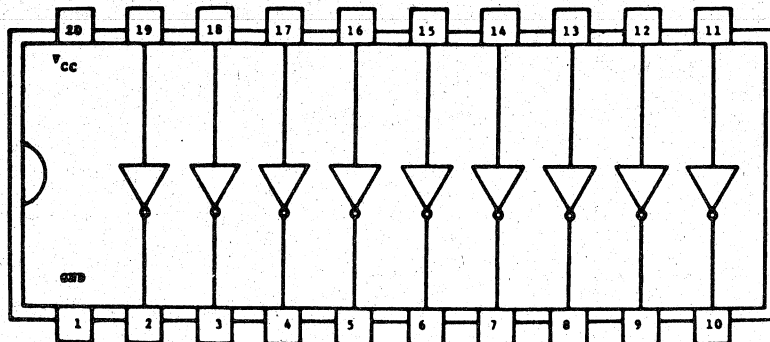


7 Unit LED Digit Driver

ECG **I_O Max***
75498 100 mA

20-Pin DIP See Fig. D12

$V_{CC} = +6\text{ V}$



9 Unit LED Digit Driver

* I_O Max = Max Current Per Output

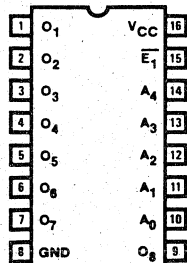
Microprocessor and Memory Circuits

ECG74S188

16-Pin DIP See Fig. D8

Schottky TTL 256 Bit (32 x 8) PROM, Open Collector Output, 35 nsec Max Access Time

$V_{CC} = +5V$

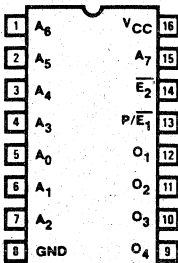


ECG74S287

16-Pin DIP See Fig. D8

Schottky TTL 1K (256 x 4) PROM, 3-State Output, 50 nsec Max Access Time

$V_{CC} = +5V$

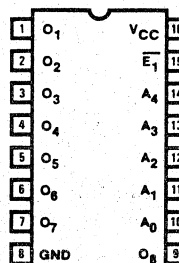


ECG74S288

16-Pin DIP See Fig. D8

Schottky TTL 256 Bit (32 x 8) PROM, 3-State Output, 35 nsec Max Access Time

$V_{CC} = +5V$

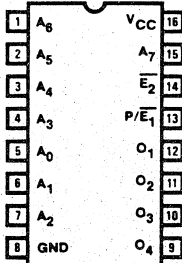


ECG74S387

16-Pin DIP See Fig. D8

Schottky TTL 1K (256 x 4) PROM, Open Collector Outputs, 50 nsec Max Access Time

$V_{CC} = +5V$

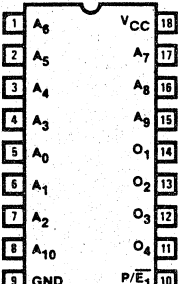


ECG74S454

18-Pin DIP See Fig. D10

Schottky TTL 8K (2048 x 4) PROM, 3-State Output, 55 nsec Max Access Time

$V_{CC} = +5V$

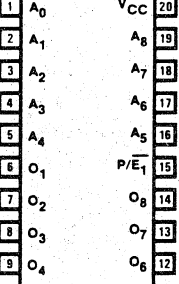


ECG74S472

20-Pin DIP See Fig. D12

Schottky TTL 4K (512 x 8) PROM, 3-State Output, 60 nsec Max Access Time

$V_{CC} = +5V$

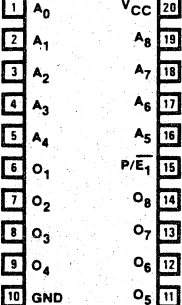


ECG74S473

20-Pin DIP See Fig. D12

Schottky TTL 4K (512 x 8) PROM, Open Collector Output, 60 nsec Max Access Time

$V_{CC} = +5V$

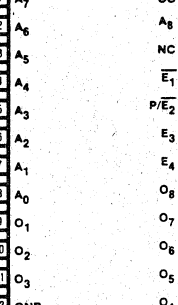


ECG74S474

24-Pin DIP See Fig. D15

Schottky TTL 4K (512 x 8) PROM, 3-State Output, 65 nsec Max Access Time

$V_{CC} = +5V$

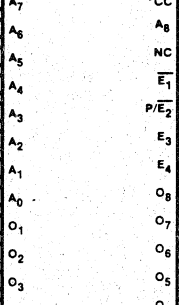


ECG74S475

24-Pin DIP See Fig. D15

Schottky TTL 4K (512 x 8) PROM, Open Collector Output, 65 nsec Max Access Time

$V_{CC} = +5V$

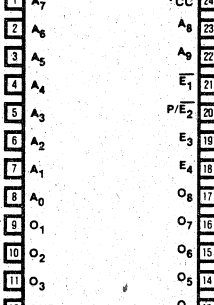


ECG74S478

24-Pin DIP See Fig. D15

Schottky TTL 8K (1024 x 8) PROM, 3-State Output, 60 nsec Max Access Time

$V_{CC} = +5V$

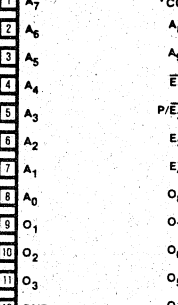


ECG74S479

24-Pin DIP See Fig. D15

Schottky TTL 8K (1024 x 8) PROM, Open Collector Output, 60 nsec Max Access Time

$V_{CC} = +5V$

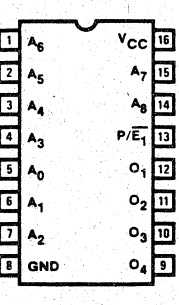


ECG74S570

16-Pin DIP See Fig. D8

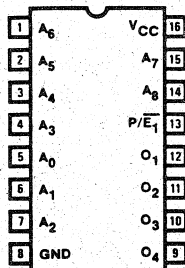
Schottky TTL 2K (512 x 4) PROM, Open Collector Output, 55 nsec Max Access Time

$V_{CC} = +5V$

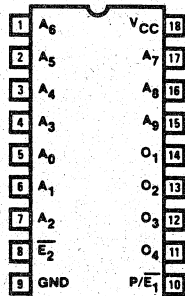


Microprocessor and Memory Circuits (cont'd)

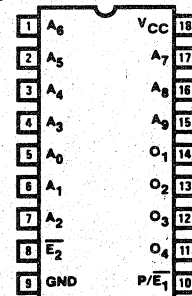
ECG74S571 16-Pin DIP See Fig. D8
Schottky TTL 2K (512 x 4) PROM, 3-State Output, 55 nsec Max Access Time
 $V_{CC} = +5V$



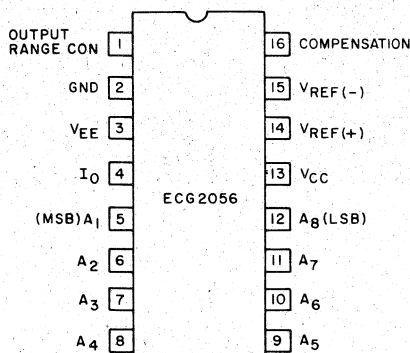
ECG74S572 18-Pin DIP See Fig. D10
Schottky TTL 4K (1024 x 4) PROM, Open Collector Output, 60 nsec Max Access Time
 $V_{CC} = +5V$



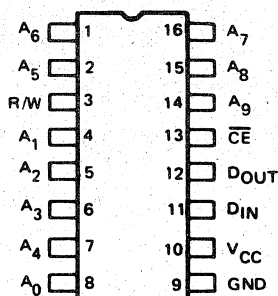
ECG74S573 18-Pin DIP See Fig. D10
Schottky TTL 4K (1024 x 4) PROM, 3-State Output, 60 nsec Max Access Time
 $V_{CC} = +5V$



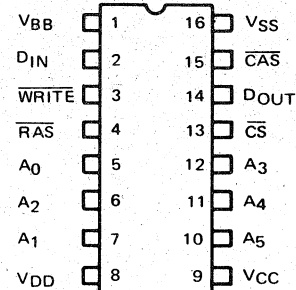
ECG2056 16-Pin DIP See Fig. D9
Digital to Analog Converter



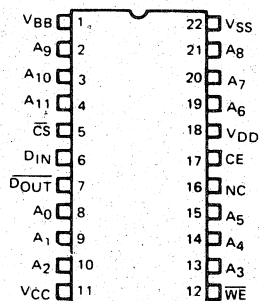
ECG2102 16-Pin DIP See Fig. D8
NMOS 1K Static RAM (SRAM), Organized 1K by 1 Bit, 350 nsec Max Access Time.
Single supply: $V_{CC} = +5V$



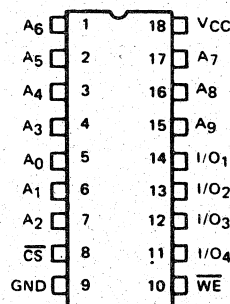
ECG2104 16-Pin DIP See Fig. D8
NMOS 4K Dynamic RAM (DRAM), Organized 4K by 1 Bit, 200 nsec Max Access Time. Triple Supply: $V_{CC} = +5V$, $V_{BB} = -5V$, $V_{DD} = +12V$, $V_{SS} = GND$



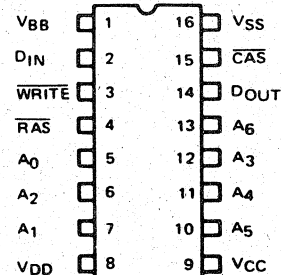
ECG2107 22-Pin DIP See Fig. D13
NMOS 4K Dynamic RAM (DRAM), Organized 4K by 1 Bit, 200 nsec Max Access Time. Triple Supply: $V_{CC} = +5V$, $V_{BB} = -5V$, $V_{DD} = +12V$, $V_{SS} = GND$



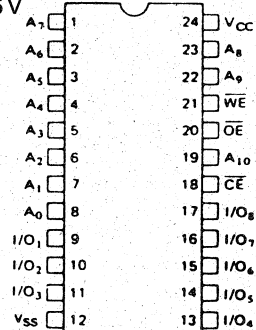
ECG2114 18-Pin DIP See Fig. D10
NMOS 4K Static RAM (SRAM), Organized 1K by 4 Bits, 300 nsec Max Access Time
Single Supply: $V_{CC} = +5V$



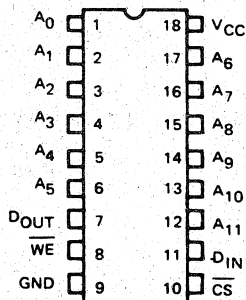
ECG2117 16-Pin DIP See Fig. D8
NMOS 16K Dynamic RAM (DRAM), Organized 16K by 1 Bit, 200 nsec Max Access Time. Triple Supply: $V_{CC} = +5V$, $V_{BB} = -5V$, $V_{DD} = +12V$, $V_{SS} = GND$



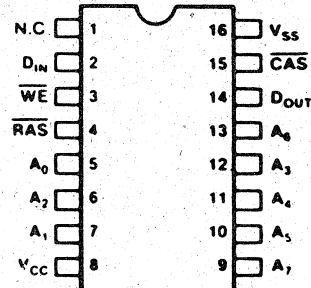
ECG2128 24-Pin DIP See Fig. D15
NMOS 16K Static RAM (SRAM), Organized 2K by 8 Bits, 150 nsec Max Access Time
 $V_{CC} = +5V$



ECG2147 18-Pin DIP See Fig. D10
NMOS 4K Static RAM (SRAM), Organized 4K by 1 Bit, 55 nsec Max Access Time.
Single Supply: $V_{CC} = +5V$

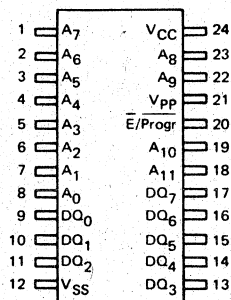


ECG2164 16-Pin DIP See Fig. D8
NMOS 64K Dynamic RAM (DRAM) Organized 64K by 1 Bit, 150 nsec Max Access Time, $V_{CC} = +5V$

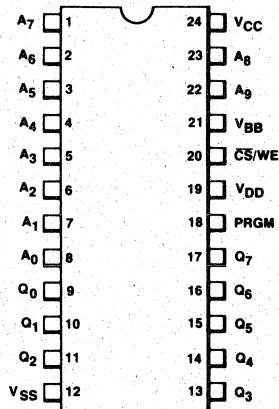


Microprocessor and Memory Circuits (cont'd)

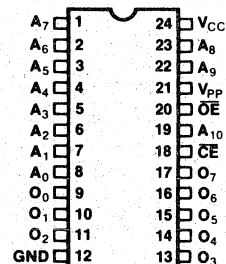
ECG2532 24-Pin DIP See Fig. D16
 NMOS 32K UV EPROM, Organized 4K by 8 Bits, 300 nsec Max Access Time. Single Supply: $V_{CC} = +5\text{ V}$, $V_{PP} = +25\text{ V}$



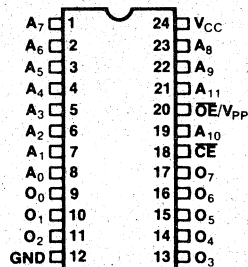
ECG2708 24-Pin DIP See Fig. D16
 NMOS 8K UV EPROM, Organized 1K by 8 Bits, 450 nsec Max Access Time. Triple Supply: $V_{CC} = +5\text{ V}$, $V_{BB} = -5\text{ V}$, $V_{DD} = +12\text{ V}$, $V_{SS} = \text{GND}$



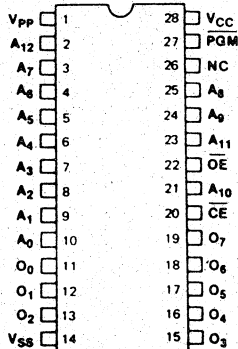
ECG2716 24-Pin DIP See Fig. D16
 NMOS 16K UV EPROM, Organized 2K by 8 Bits, 450 nsec Max Access Time. Single Supply: $V_{CC} = +5\text{ V}$, $V_{PP} = +25\text{ V}$



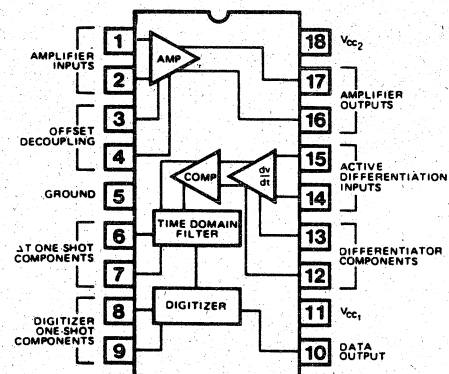
ECG2732 24-Pin DIP See Fig. D16
 NMOS 32K UV EPROM, Organized 4K by 8 Bits, 200 nsec Max Access Time. Single Supply: $V_{CC} = +5\text{ V}$, $V_{PP} = +21\text{ V}$



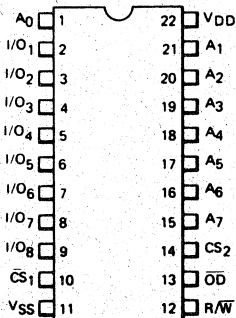
ECG2764 28-Pin DIP See Fig. D18-1
 NMOS 64K EPROM, Organized 8K by 8 Bits, 200 nsec Max Access Time
 $V_{CC} = +5\text{ V}$, $V_{PP} = +21\text{ V}$



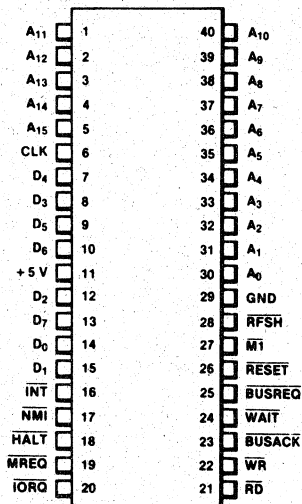
ECG3470 18-Pin DIP See Fig. D11
 Floppy Disk Read Amplifier System
 $V_{CC1} = +5\text{ V}$, $V_{CC2} = +10\text{ V to } +14\text{ V}$



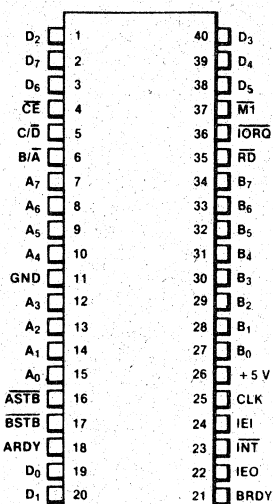
ECG3539 22-Pin DIP See Fig. D13
 NMOS 2K Static RAM (SRAM), Organized 256 Words by 8 Bits, 500 nsec Max Access Time. Single Supply: $V_{CC} = +5\text{ V}$



ECG3880 40-Pin DIP See Fig. D19
 NMOS 8-Bit Microprocessor (MPU), 4 MHz Max Clock Rate, $V_{CC} = +5\text{ V}$

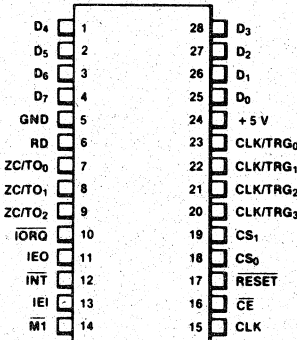


ECG3881 40-Pin DIP See Fig. D19
 NMOS Parallel I/O Interface Adapter (PIO), 4 MHz Max Clock Rate, $V_{CC} = +5\text{ V}$

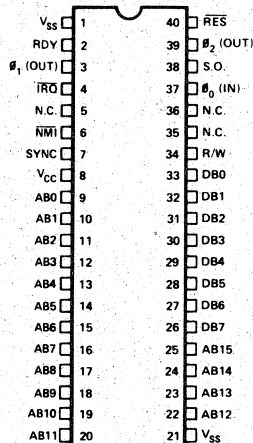


Microprocessor and Memory Circuits (cont'd)

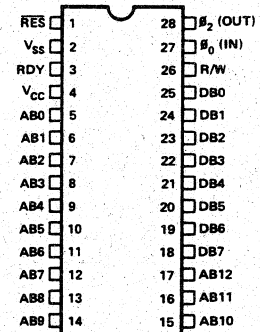
ECG3882 28-Pin Dip See Fig. D17
NMOS Programmable Counter Timer Circuit (CTC), $V_{CC} = +5\text{ V}$



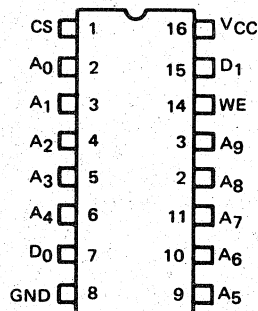
ECG6502 40-Pin DIP See Fig. D19
NMOS 8-Bit Microprocessor (MPU), 1 MHz
Max Clock Rate, $V_{CC} = +5\text{ V}$



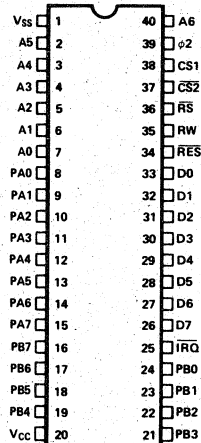
ECG6507 28-Pin DIP See Fig. D18
NMOS 8-Bit Microprocessor (MPU) with
Internal Clock Osc/Driver, 1 MHz Max Clock
Rate, $V_{CC} = +5\text{ V}$



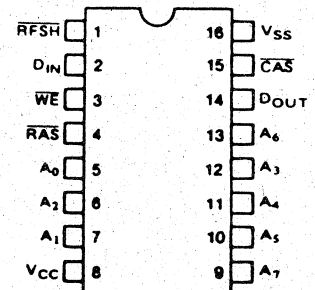
ECG6508 16-Pin DIP See Fig. D8
CMOS 1K Static RAM (SRAM), Organized
1K by 1 Bit, 300 nsec Max Access Time,
 $V_{CC} = +5\text{ V}$



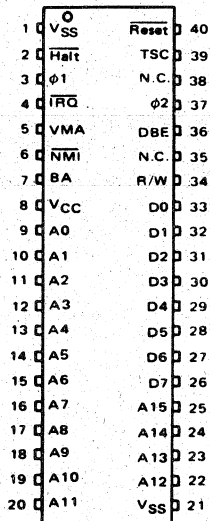
ECG6532 40-Pin DIP See Fig. D19
NMOS Combination 1K Static RAM (128
Words by 8 Bits), I/O and Timer Array,
 $V_{CC} = +5\text{ V}$



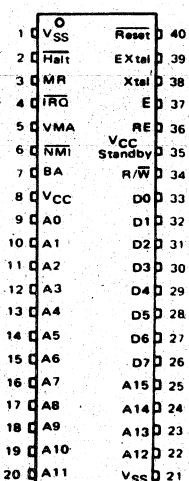
ECG6664 16-Pin DIP See Fig. D8
NMOS 64K Dynamic RAM (DRAM) with
Pin #1 Refresh Control, Organized 64K by
1 Bit, 150 nsec Max Access Time,
 $V_{CC} = +5\text{ V}$



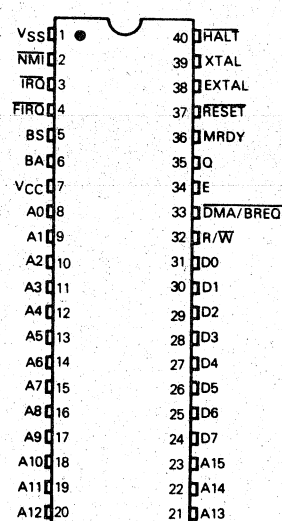
ECG6800 40-Pin DIP See Fig. D19
NMOS 8-Bit Microprocessor
(MPU), 1 MHz Max Clock Rate,
 $V_{CC} = +5\text{ V}$



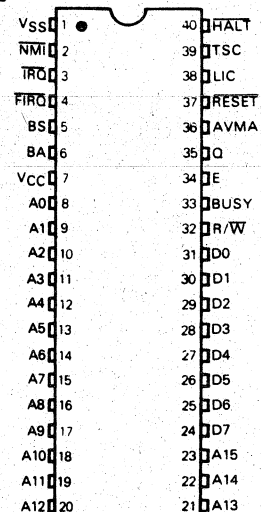
ECG6802 40-Pin DIP See Fig. D19
NMOS 8-Bit Microprocessor
(MPU) with Internal Clock Osc/
Driver and 128 Bytes of Static
RAM, 1 MHz Max Clock Rate,
 $V_{CC} = +5\text{ V}$



ECG6809 40-Pin DIP See Fig. D19
NMOS 8-Bit Microprocessor
(MPU) with Internal Clock Osc/
Driver, 1 MHz Max Clock Rate



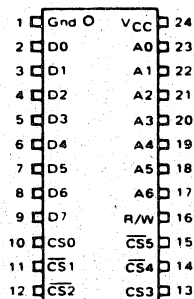
ECG6809E 40-Pin DIP See Fig. D19
NMOS 8-Bit Microprocessor
(MPU) Requires External Clock,
1 MHz Max Clock Rate,
 $V_{CC} = +5\text{ V}$



Microprocessor and Memory Circuits (cont'd)

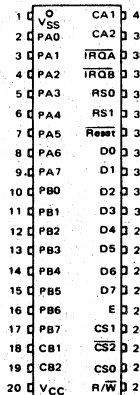
ECG6810 24-Pin DIP See Fig. D15

NMOS 1K Static RAM (SRAM), Organized 128 Words by 8 Bits, 450 nsec Max Access Time, $V_{CC} = +5V$



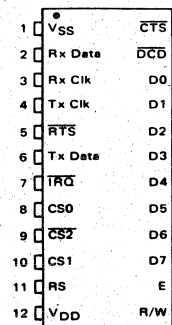
ECG6821 40-Pin DIP See Fig. D19

NMOS Peripheral Interface Adapter (PIA), 1 MHz Max Clock Rate, $V_{CC} = +5V$



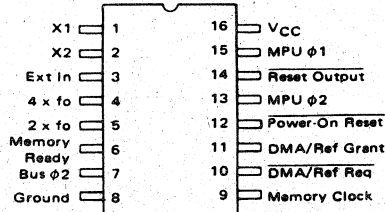
ECG6850 24-Pin DIP See Fig. D15

NMOS Asynchronous Communications Interface Adapter (ACIA), 1 MHz Max Clock Rate, $V_{CC} = +5V$



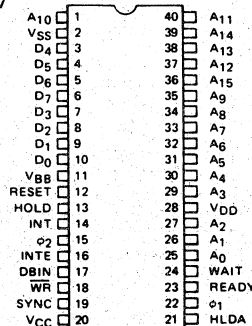
ECG6875 16-Pin DIP See Fig. D8

Schottky Two-Phase Clock Generator/Driver, $V_{CC} = +5V$



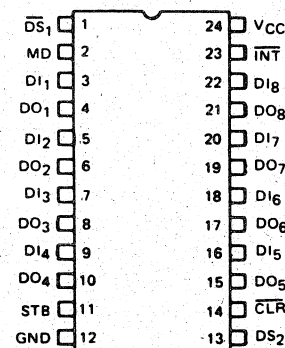
ECG8080A 40-Pin DIP See Fig. D19

NMOS 8-Bit Microprocessor (MPU), 2 MHz Max Clock Rate, $V_{CC} = +5V$, $V_{BB} = -5V$, $V_{DD} = +12V$



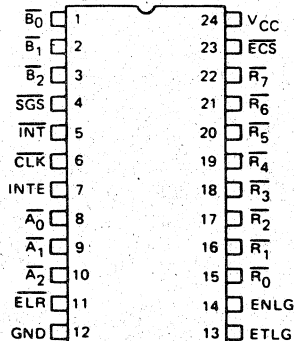
ECG8212 24-Pin DIP See Fig. D15

Schottky 8-Bit Input/Output Port, $V_{CC} = +5V$



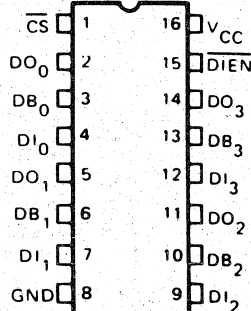
ECG8214 24-Pin DIP See Fig. D15

Schottky 8-Level Priority Interrupt Control Unit (PICU), $V_{CC} = +5V$



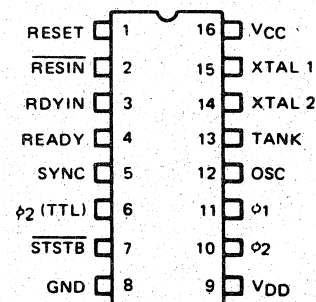
ECG8216 16-Pin DIP See Fig. D8

Schottky 4-Bit Parallel Bidirectional Non-Inverting Bus Driver, $V_{CC} = +5V$



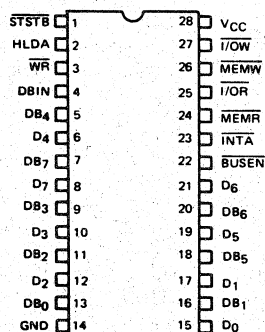
ECG8224 16-Pin DIP See Fig. D8

Schottky Clock Generator/Driver for 8080A MPU Systems, $V_{CC} = +5V$



ECG8228 28-Pin DIP See Fig. D17

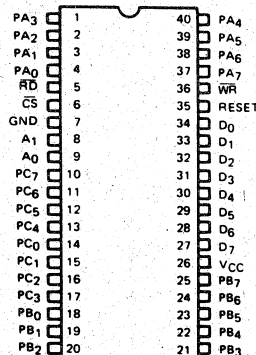
Schottky System Controller and Bus Driver for 8080A MPU Systems, $V_{CC} = +5V$



NC: No Connection

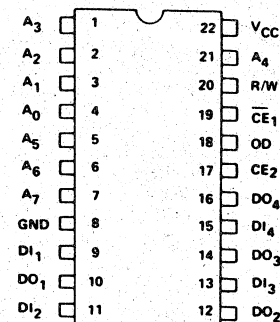
ECG8255 40-Pin DIP See Fig. D19

NMOS Programmable Peripheral Interface, $V_{CC} = +5V$

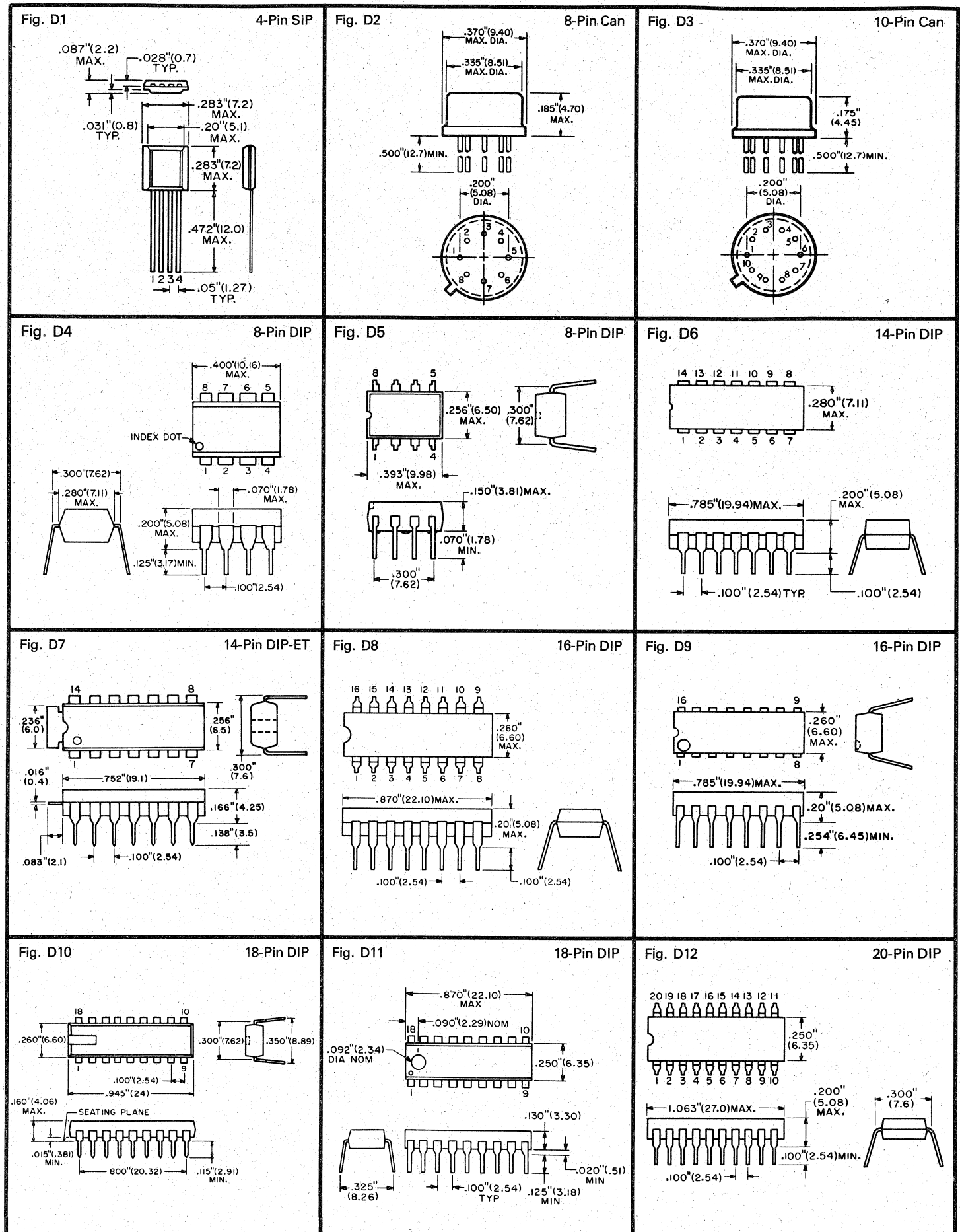


ECG65101 22-Pin DIP See Fig. D13

CMOS Static 1K RAM, Organized 256 Words by 4 Bits, 450 nsec Max Access Time, $V_{CC} = +5V$



Digital, Display Driver, Microprocessor and Memory IC Outlines



Dual inline plastic cases may have a round indentation on top surface for indexing in place of notched edge.

Fig. D13

22-Pin DIP

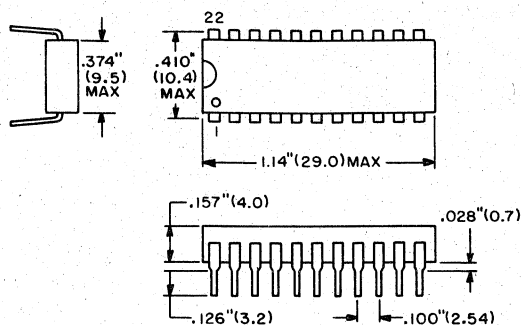


Fig. D14

24-Pin DIP

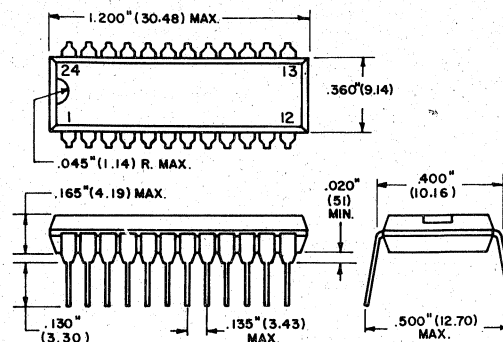


Fig. D15

24-Pin DIP

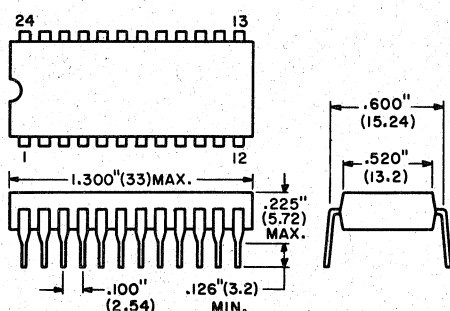


Fig. D16

24-Pin DIP

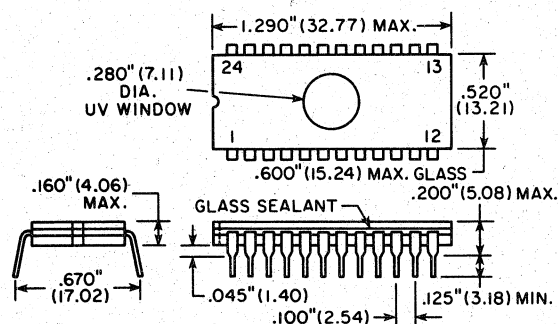


Fig. D17

28-Pin DIP

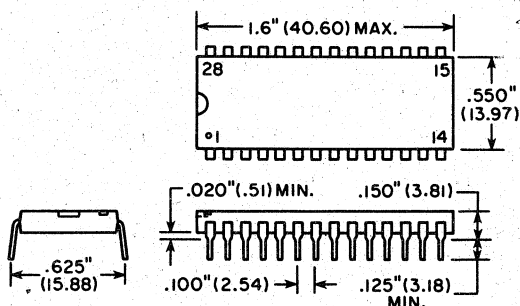


Fig. D18

28-Pin DIP

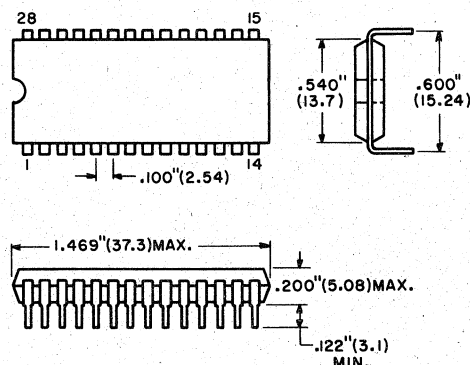


Fig. D18-1

28-Pin DIP

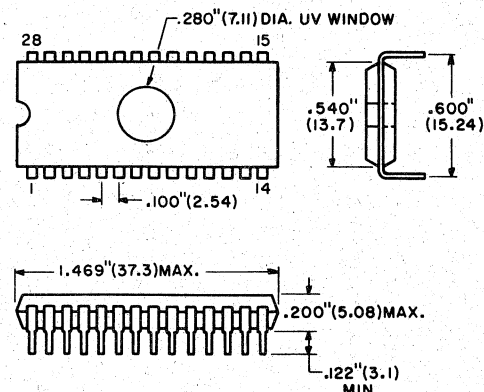
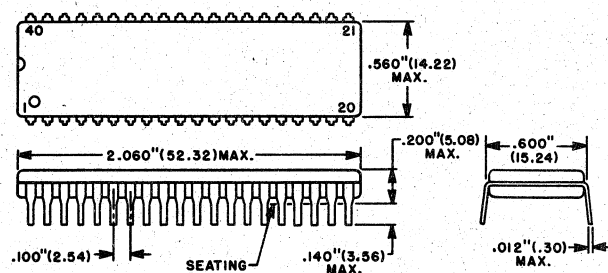


Fig. D19

40-Pin DIP



Dual inline plastic cases may have a round indentation on top surface for indexing in place of notched edge.

Accessories

Antistatic Conductive Foam

A-Stat™ 2 3" x 5" x 1/4" (2/Pkg)
A-Stat™ 12 12" x 12" x 1/4"

Fig.
No.

AF1
AF2

Hardware

ECG426	Metric Hardware Kit of 3mm, Nuts, Bolts, etc.	---
ECG432	Thread Converter, 3/8"-24 to 1/2"-20, for Stud Type Packages (2/Pkg)	AW1
ECG433	HV Splice for CRT Anode Leads, 40 kV Insulation, Does Require Soldering. (Requires no additional insulators or tape.)	AW2
ECG447A	Heat Sink Clamp Assembly for ECG446A	AH21
ECG447B	Heat Sink Clamp Assembly for ECG446A	AH21
ECG447C	Heat Sink Clamp Assembly for ECG446C	AH22
ECG449	Mounting Clip for TO-220 Case Style	AW3
ECG449A	Mounting Clip for TO-126 and SOT-82 Case Styles	AW3-1

Heat Sinks and Mounting Clamps

ECG400	Heat Sink for TO-5 Style Package (2/Pkg)	AH6
ECG401	Heat Sink for TO-5 Style Package (2/Pkg)	AH7
ECG402	Heat Sink for Plastic Power Packages (2/Pkg)	AH12
ECG403	Heat Sink for Plastic Power Packages (2/Pkg)	AH11
ECG404	Heat Sink Kit for TO-66 Style Package - Includes Base, Top Piece, 2 - 6/32 Screws and Nuts	AH9
ECG405	Heat Sink Kit for TO-3 Style Package - Includes Base, Top Piece, 2 - 6/32 Screws and Nuts	AH10
ECG406	Heat Sink for TO-202 Style Package (2/Pkg)	AH2
ECG410	Heat Sink for TO-1 Style Package (2/Pkg)	AH3
ECG411	Stud-Mount Heat Sink for TO-5 and TO-39 Style Package (2/Pkg)	AH4
ECG412	Heat Sink for TO-18 Style Package (2/Pkg)	AH5
ECG427	Heat Sink Kit for TO-5 and TO-39 Style Package - Includes Heat Sink, 2 Bushings, 1 Mica	AH1
ECG440A	Heat Sink, Undrilled Mounting Surface	AH13
ECG440B	Heat Sink, Drilled for TO-3, TO-48, TO-66, TO-126, TO-127, TO-220, DO-5	AH13
ECG440C	Heat Sink, Drilled for TO-3, TO-15, TO-6, TO-36, TO-64, DO-4	AH13
ECG440D	Heat Sink, Undrilled Mounting Surface	AH13-1
ECG441A	Heat Sink, Drilled for a Solid State Relay and 1 and 2 Thyristor Mod, Bridge Rectifier	AH14
ECG441B	Heat Sink, Undrilled Mounting Surface	AH14
ECG442A	Heat Sink, Undrilled Mounting Surface, for PCB Mounting	AH15
ECG442B	Heat Sink, Undrilled Mounting Surface, for PCB Mounting	AH15-1
ECG442C	Heat Sink, Undrilled Mounting Surface, for PCB Mounting	AH16
ECG443	Heat Sink, Undrilled Mounting Surface, for PCB Mounting	AH17
ECG444	Heat Sink, Undrilled Mounting Surface, for Stud Mounted Devices	AH18
ECG445	Heat Sink TO-92 Style (2/Pkg)	AH8
ECG446A	Heat Sink for 1.65" Dia. and 2.29" Dia. Hockey Puck Packages, 2 Required	AH19
ECG446C	Heat Sink for 2.90" Dia. Hockey Puck Packages, 2 Required	AH20

ECG447A	Heat Sink Clamp Assembly for ECG446A	AH21
ECG447B	Heat Sink Clamp Assembly for ECG446A	AH21
ECG447C	Heat Sink Clamp Assembly for ECG446C	AH22
ECG448B	Heat Sink for 14/16-Pin DIP (2/Pkg)	AH23
ECG448E	Heat Sink for 24-Pin DIP (2/Pkg)	AH24
ECG448G	Heat Sink for 40-Pin DIP (2/Pkg)	AH25
ECG449	Mounting Clip for TO-220 Case Style (2/Pkg)	AW3
ECG449A	Mounting Clip for TO-126 and SOT-82 Case Styles	AW3-1
ECG450A	Heat Sink for 14 or 16-Pin DIP	AH26

Semiconductor Insulator Kits

(Kit Includes Mica Insulator and Nylon Bushings)

ECG413	Insulator Kit for TO-3 Style Package	
ECG414	Insulator Kit for TO-36 Style Package with Flat Washer, Shaker Proof Lug, Nut and Plastic Insulating Tube	
ECG415	Insulator Kit for TO-66 Style Package	
ECG422	Insulator Kit for TO-220 Style Package	
ECG438	Insulator Kit for DO-4 and TO-64. Contents are: DO4 MICA; DO4 Shoulder Bushing; #10 Flat Washer; #10 Lock Washer*; #10 Solder Lug; 10-32 Hex Nut	
ECG439	Insulator Kit for DO-5 and TO-48. Contents are: DO5 MICA; DO5 Shoulder Bushing; 1/4" Flat Washer; 1/4" Lock Washer*; 1/4" Solder Lug; 1/4-28 Hex Nut	

Semiconductor Sockets

ECG201	Connector for Cartridge LED/Lamp Indicator (2/Pkg)	AS8
ECG209	Standard Socket for TO-3 Package (2/Pkg)	AS9
ECG407	8-Pin Can, IC Socket (2/Pkg)	AS6
ECG408	10-Pin Can, IC Socket (2/Pkg)	AS7
ECG409	14-Pin DIP, IC Socket (2/Pkg)	AS14
ECG416	16-Pin DIP, IC Socket (2/Pkg)	AS15
ECG417	3-Pin Transistor Socket for TO-18 Package (2/Pkg)	AS2
ECG419	3-Pin Transistor Socket for TO-5, TO-39 Package (2/Pkg)	AS3
ECG421	Standard Socket for TO-66 Package (2/Pkg)	AS10
ECG423	8-Pin DIP, IC Socket (2/Pkg)	AS13
ECG428	24-Pin DIP, IC Socket (2/Pkg)	AS19
ECG429	28-Pin DIP, IC Socket (2/Pkg)	AS20
ECG430	40-Pin DIP, IC Socket (1/Pkg)	AS21
ECG431	Japanese Style Socket for TC-9 Package (2/Pkg)	AS11
ECG435P6	6-Pin DIP, IC Socket (2/Pkg)	AS12
ECG435P18	18-Pin DIP, IC Socket (2/Pkg)	AS16
ECG435P20	20-Pin DIP, IC Socket (2/Pkg)	AS17
ECG435P22	22-Pin DIP, IC Socket (2/Pkg)	AS18
ECG435Q14	14-Pin DIP, IC Socket for PC Board with Staggered Holes (2/Pkg)	AS22
ECG435Q16	16-Pin DIP, IC Socket for PC Board with Staggered Holes (2/Pkg)	AS23
ECG436W8	8-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)	AS24
ECG436W14	14-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)	AS25
ECG436W16	16-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)	AS26
ECG436W18	18-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)	AS27
ECG436W20	20-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)	AS28
ECG436W22	22-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)	AS29
ECG436W24	24-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)	AS30

* Alternate: Solder Lug with Internal Lock
™ A-Stat is a trademark of Philips ECG, Inc.

Accessories (cont'd)

Semiconductor Sockets (cont'd)

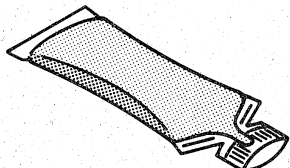
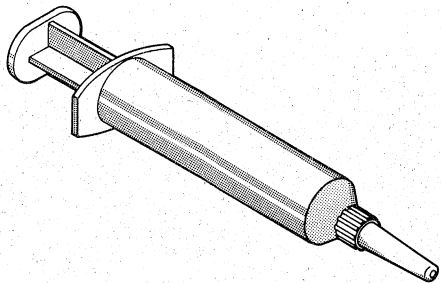
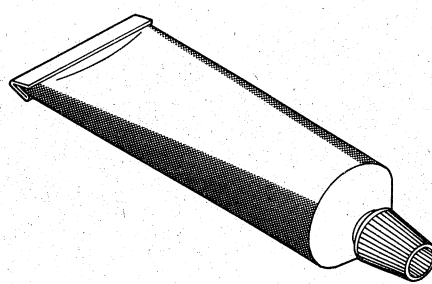
		Fig. No.
ECG436W28	28-Pin DIP, IC Socket, Wire Wrap Leads (2/Pkg)	AS31
ECG436W40	40-Pin DIP, IC Socket, Wire Wrap Leads (1/Pkg)	AS32
ECG437X18	Crystal Socket for HC-18 Case with .017" Diameter Cut Leads	AS33
ECG437X33	Crystal Socket for HC-33 Case with .030" Diameter Cut Leads	AS34

Thermal Compound and Adhesive/Sealant

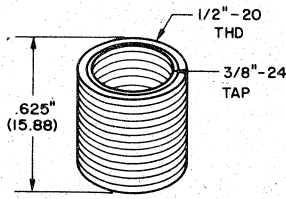
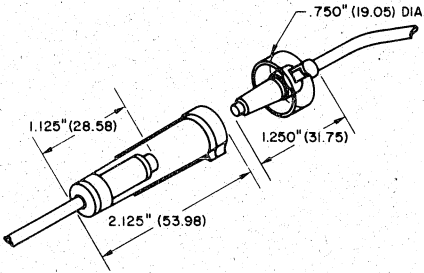
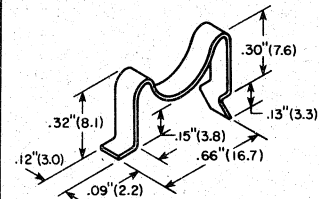
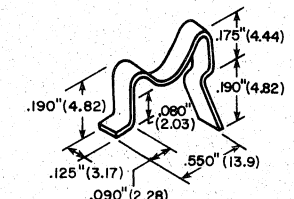
		Fig. No.
ECG303	Single Application Heat Sink Compound, 1 gram (5/Pkg)	AC1
ECG424	Heat Sink Compound, 1-oz., in Plunger Tube	AC2
ECG434	Non-Corrosive Adhesive/Sealant, 2-oz., Squeeze Tube	AC3

Accessory Outlines

Accessories

<p>ECG303 Fig. AC1</p> <p>Single Application Heat Sink Compound 1 gram</p> 	<p>ECG424 Fig. AC2</p> <p>Heat Sink Compound, 1-oz., in Plunger Tube</p> 	<p>ECG434 Fig. AC3</p> <p>Non-Corrosive Adhesive/Sealant, 2-oz., Squeeze Tube</p> 
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Hardware

<p>ECG432 Fig. AW1</p> <p>Thread Converter for Stud Type Packages</p> 	<p>ECG433 Fig. AW2</p> <p>HV Splice for CRT Anode Leads (40 kV Insulated)</p> 	<p>ECG449 Fig. AW3</p> <p>Mounting Clip for TO-220 Case Style</p> 	<p>ECG449A Fig. AW3-1</p> <p>Mounting Clip for TO-126 and SOT-82 Case Styles</p> 
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Foam

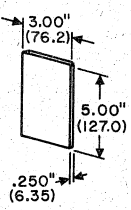
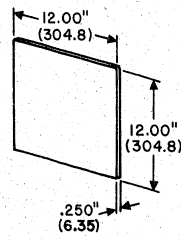
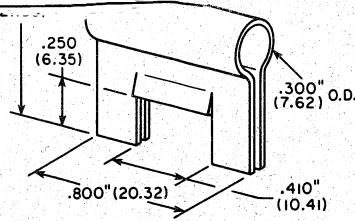
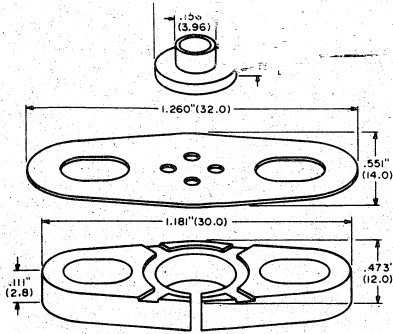
<p>A-STAT™ 2 Fig. AF1</p> <p>Antistatic Conductive Foam for Storage of Static Sensitive Semiconductors —</p> <ul style="list-style-type: none"> • Carbon Impregnated • High Density • Non-Corrosive <p>Surface Resistivity = 5 Ohms per Sq. Foot Static Decay = 3 μsec to less than 1 V Dimensions = 3" x 5" x 1/4" 2 Pieces Per Package</p>  <p>TM - A-STAT is a trademark of Philips ECG, Inc.</p>	<p>A-STAT™ 12 Fig. AF2</p> <p>Antistatic Conductive Foam for Storage of Static Sensitive Semiconductors —</p> <ul style="list-style-type: none"> • Carbon Impregnated • High Density • Non-Corrosive <p>Surface Resistivity = 5 Ohms per Sq. Foot Static Decay = 3 μsec to less than 1 V Dimensions = 12" x 12" x 1/4"</p>  <p>TM - A-STAT is a trademark of Philips ECG, Inc.</p>
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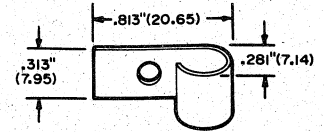
Fig. A1 3-1
g Surface



ECG441A

Heat Sink, Drilled for a Solid State and 1 or 2 Thyristor Mod, Bridge Rectifier

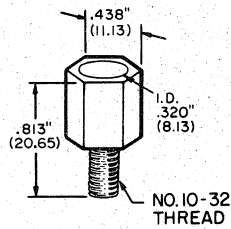
ECG441B



ECG411

Fig. AH4

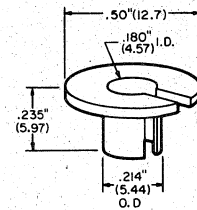
Stud Mount Heat Sink for TO-5 and TO-39 Style



ECG412

Fig. AH5

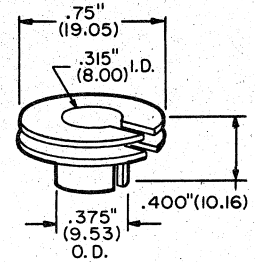
Heat Sink for TO-18 and TO-92 Style
 $R\theta = 92^{\circ}\text{C/W}$



ECG400

Fig. AH6

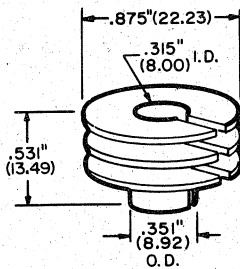
Heat Sink for TO-5 Style
 $R\theta = 46^{\circ}\text{C/W}$



ECG401

Fig. AH7

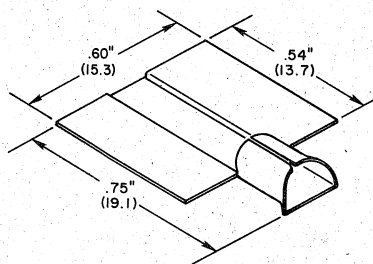
Heat Sink Kit for TO-5 Style $R\theta = 35^{\circ}\text{C/W}$



ECG445

Fig. AH8

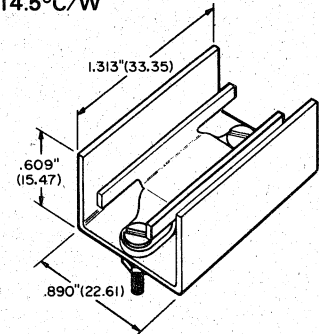
Heat Sink for TO-92 Style
 $R\theta = 80^{\circ}\text{C/W}$



ECG404

Fig. AH9

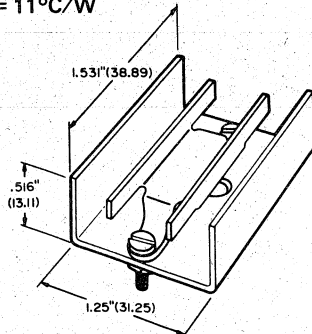
Heat Sink Kit for TO-66 Style (Base, Top Piece, 2-6/32 Screws and Nuts)
 $R\theta = 14.5^{\circ}\text{C/W}$



ECG405

Fig. AH10

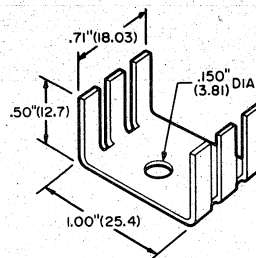
Heat Sink Kit for TO-3 Style (Base, Top Piece, 2-6/32 Screws and Nuts)
 $R\theta = 11^{\circ}\text{C/W}$



ECG403

Fig. AH11

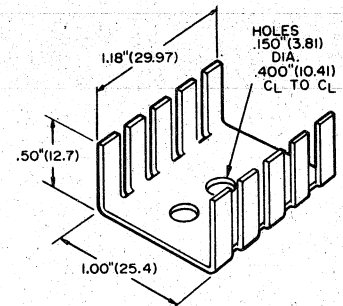
Heat Sink for Plastic Power Transistors (TO-220, TO-202, TO-126, TO-127)
 $R\theta = 20^{\circ}\text{C/W}$



ECG402

Fig. AH12

Heat Sink for Plastic Power Transistor (TO-220, TO-202, TO-126, TO-127)
 $R\theta = 17^{\circ}\text{C/W}$



Accessory Outlines (cont'd)

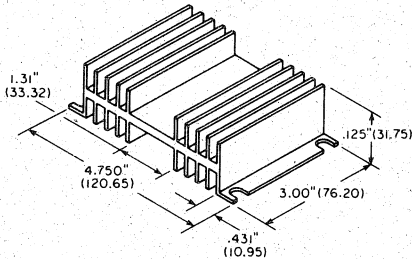
Heat Sinks (cont'd)

ECG440A Fig. AH13
Heat Sink, Undrilled Mounting Surface

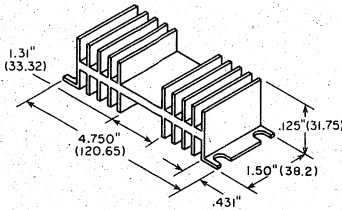
ECG440B
Heat Sink, Drilled for TO-3, TO-48, TO-66,
TO-126, TO-127, TO-220, DO-5

ECG440C
Heat Sink, Drilled for TO-3, TO-15, TO-6,
TO-36, TO-64, DO-4

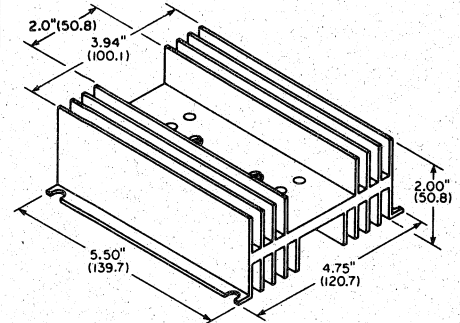
$R\theta = 1.8^\circ\text{C/W}$



ECG440
Heat Sink, Undrilled Mounting Surface
 $R\theta = 2.5^\circ\text{C/W}$

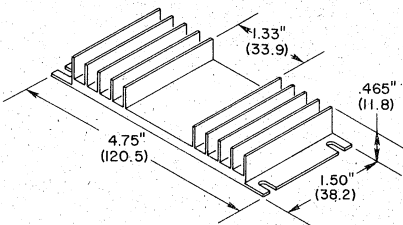


Heat Sink, Undrilled Mounting Surface
 $R\theta = 1.0^\circ\text{C/W}$



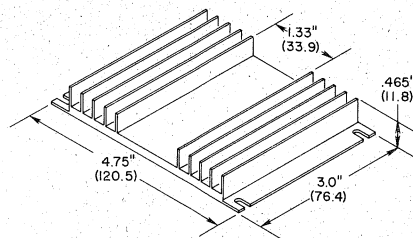
ECG442A Fig. AH15
Heat Sink, Undrilled for PCB Mounting

$R\theta = 4.5^\circ\text{C/W}$
Mounting Slots .093"R (2.42)
1.00" (25.4) C_L to C_L



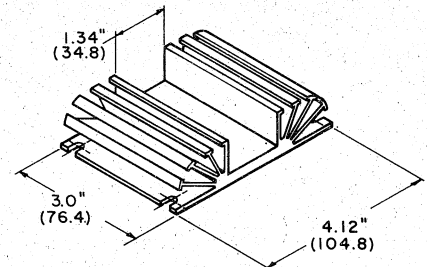
ECG442B Fig. AH15-1
Heat Sink, Undrilled for PCB Mounting

$R\theta = 3.5^\circ\text{C/W}$
Mounting Slots .093"R (2.42)
2.50" (63.5) C_L to C_L



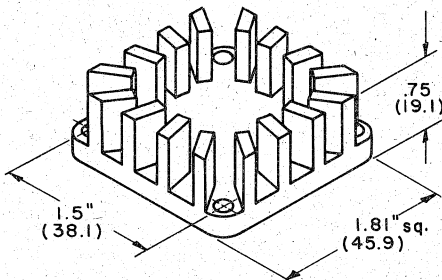
ECG442C Fig. AH16
Heat Sink, Undrilled for PCB Mounting

$R\theta = 2^\circ\text{C/W}$
Mounting Slots .095"R (2.42)
2.50" (63.5) C_L to C_L



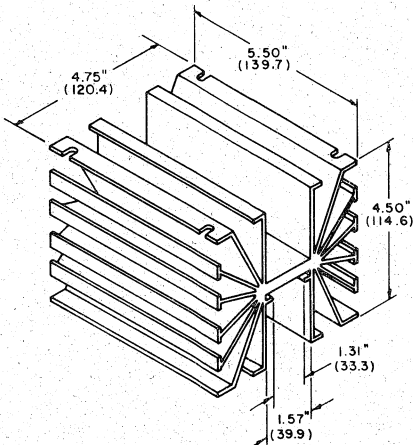
ECG443 Fig. AH17
Heat Sink, Undrilled for PCB Mounting

$R\theta = 6.25^\circ\text{C/W}$
Mounting Holes .15"R (3.8)
1.5" (38.1) C_L to C_L



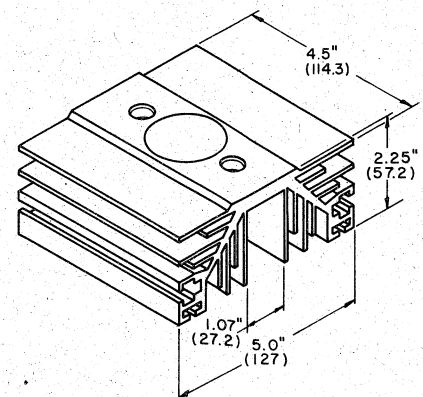
ECG444 Fig. AH18
Heat Sink, Undrilled for Stud Mounted Devices

$R\theta = .55^\circ\text{C/W}$
Mounting Slots .14"R (3.5)
4.52" (114.3) C_L to C_L



ECG446A Fig. AH19
Heat Sink for 1.65" Dia. and 2.29" Dia. Hockey Puck Packages

$R\theta = .5^\circ\text{C/W}$
Package Mount .128 (3.25) Dia.
Thru Chamfer 1.87 (4.75) Dia.,
.031 (.762) Deep
Mounting Clamp Holes .437" (11.07) Dia.
2.75" (69.8) C_L to C_L



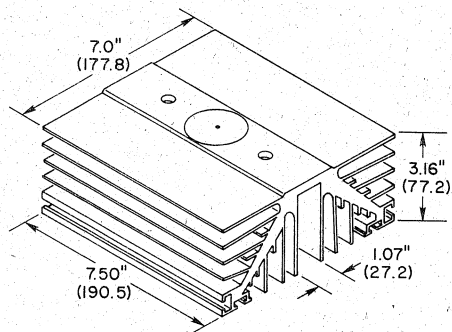
Accessory Outlines (cont'd)

Heat Sinks (cont'd)

ECG446C

Fig. AH20

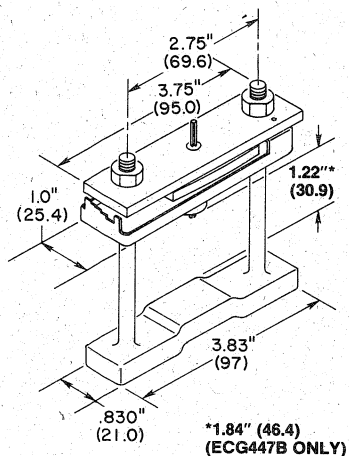
Heat Sink for 2.90" Dia. Hockey Puck Packages
 $R\theta = 24^{\circ}\text{C/W}$
 Package Mount .128 (3.25) Dia.
 Thru Chamfer 1.87 (47.5) Dia.,
 .031 (.762) Deep
 Mounting Clamp Holes .437" (11.07) Dia.
 4.0" (101.6) C_L to C_L



ECG447A, ECG447B*

Fig. AH21

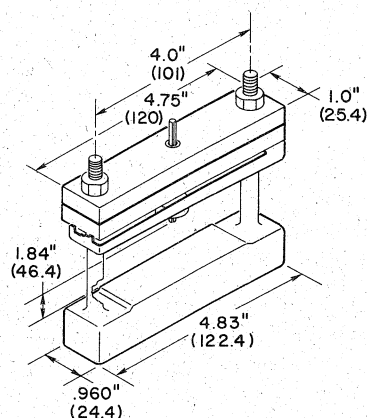
Heat Sink Clamp Assembly for ECG446A



ECG447C

Fig. AH22

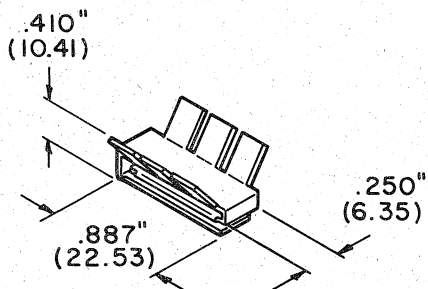
Heat Sink Clamp Assembly for ECG446C



ECG448B

Fig. AH23

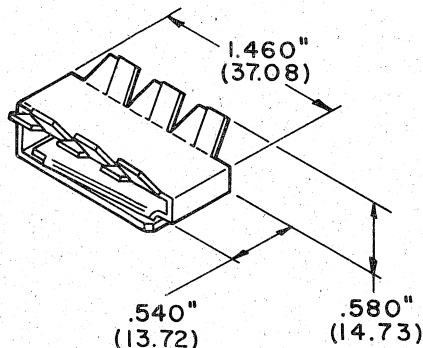
Heat Sink for 14/16-Pin DIP
 $R\theta = 20^{\circ}\text{C/W}$



ECG448E

Fig. AH24

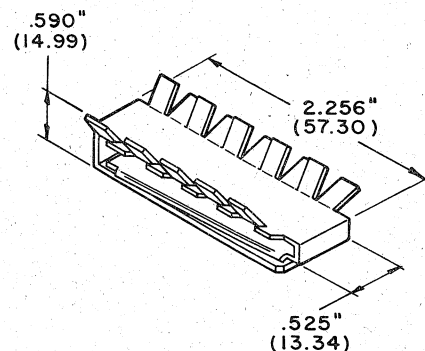
Heat Sink for 24-Pin DIP
 $R\theta = 20^{\circ}\text{C/W}$



ECG448G

Fig. AH25

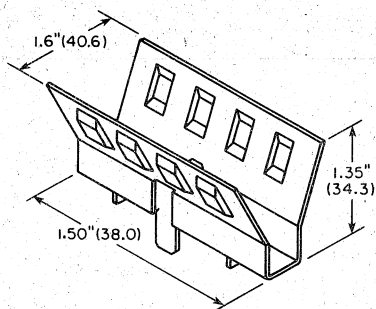
Heat Sink for 40-Pin DIP
 $R\theta = 18^{\circ}\text{C/W}$



ECG450A

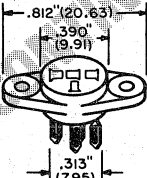
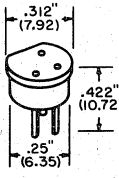
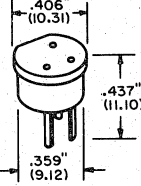
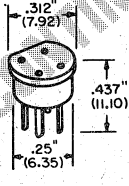
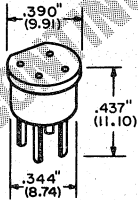
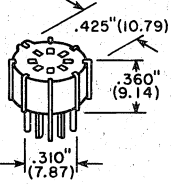
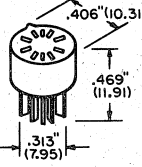
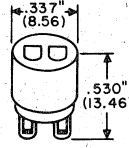
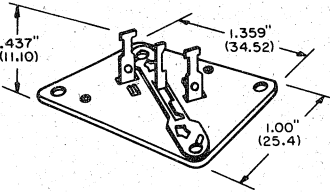
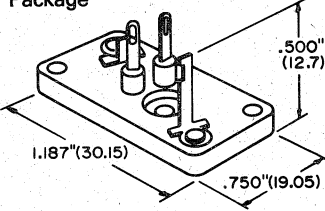
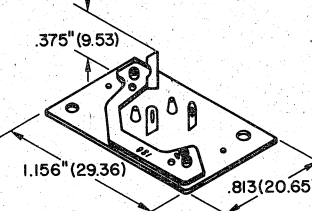
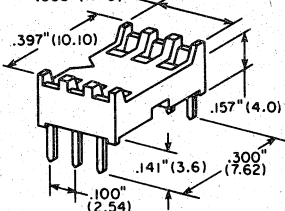
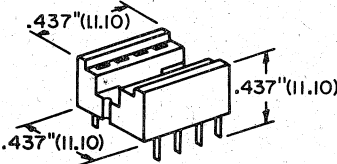
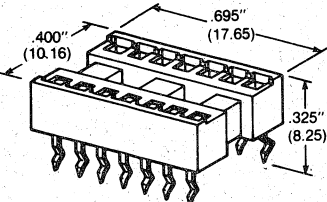
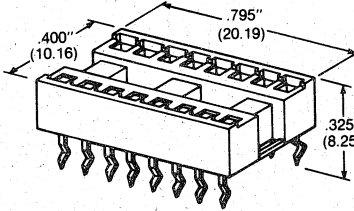
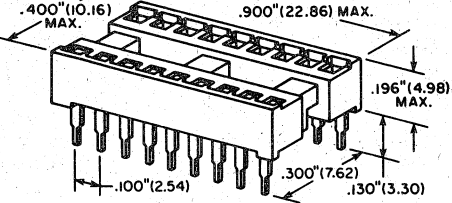
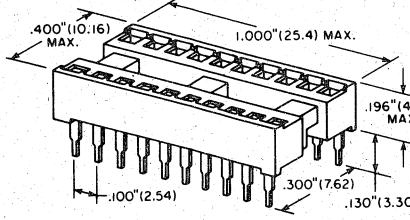
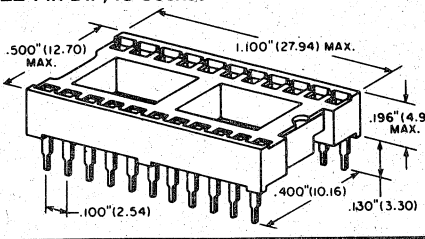
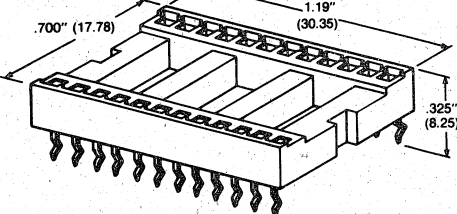
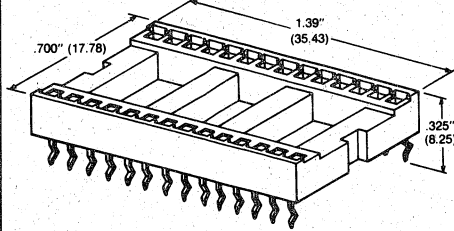
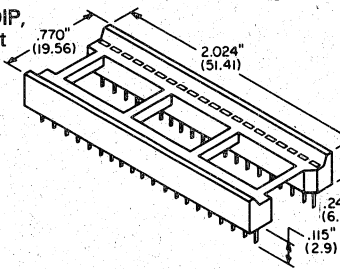
Fig. AH26

Heat Sink for:
 ECG740A
 ECG804
 ECG810A
 ECG862
 ECG990
 $R\theta = 14^{\circ}\text{C/W}$



Accessory Outlines (cont'd)

Sockets

<p>ECG203 Fig. AS1 Saddle Mount, Low Pwr Transistor Socket for TO-18, TO-92, TO-72 Package</p> 	<p>ECG417 Fig. AS2 3-Pin Transistor Socket for TO-18 Package</p> 	<p>ECG419 Fig. AS3 3-Pin Transistor Socket for TO-5 Package</p> 	<p>ECG418 Fig. AS4 4-Pin Transistor Socket for TO-18, TO-72 Package</p> 
<p>ECG420 Fig. AS5 4-Pin Transistor Socket for TO-5 Package</p> 	<p>ECG407 Fig. AS6 8-Pin Can, IC Socket</p> 	<p>ECG408 Fig. AS7 10-Pin Can, IC Socket</p> 	<p>ECG201 Fig. AS8 Connector for Cartridge LED/Lamp Indicator</p> 
<p>ECG209 Fig. AS9 Standard Socket for TO-3 Package</p> 	<p>ECG421 Fig. AS10 Standard Socket for TO-66 Package</p> 	<p>ECG431 Fig. AS11 Japanese Style TC-9 Socket</p> 	<p>ECG435P6 Fig. AS12 6-Pin DIP, IC Socket</p> 
<p>ECG423 Fig. AS13 8-Pin DIP, IC Socket</p> 	<p>ECG409 Fig. AS14 14-Pin DIP, IC Socket</p> 	<p>ECG416 Fig. AS15 16-Pin DIP, IC Socket</p> 	
<p>ECG435P18 Fig. AS16 18-Pin DIP, IC Socket</p> 	<p>ECG435P20 Fig. AS17 20-Pin DIP, IC Socket</p> 	<p>ECG435P22 Fig. AS18 22-Pin DIP, IC Socket</p> 	
<p>ECG428 Fig. AS19 24-Pin DIP, IC Socket</p> 	<p>ECG429 Fig. AS20 28-Pin DIP, IC Socket</p> 	<p>ECG430 Fig. AS21 40-Pin DIP, IC Socket</p> 	

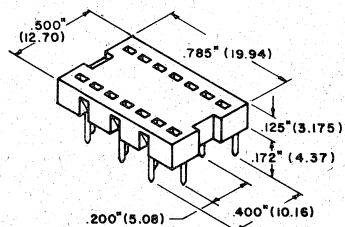
Accessory Outlines (cont'd)

Sockets (cont'd)

ECG435Q14

Fig. AS22

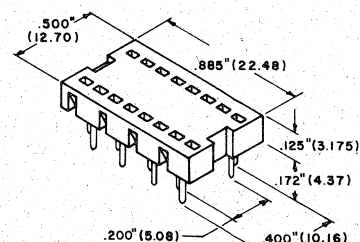
14-Pin DIP, IC Socket for PC Board with Staggered Holes



ECG435Q16

Fig. AS23

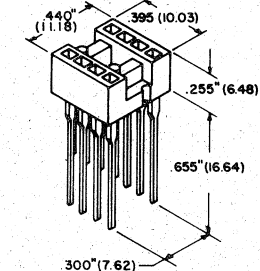
16-Pin DIP, IC Socket for PC Board with Staggered Holes



ECG436W8

Fig. AS24

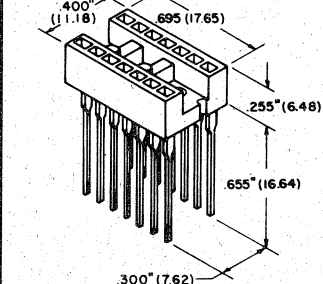
8-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W14

Fig. AS25

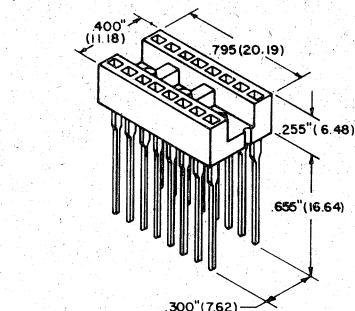
14-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W16

Fig. AS26

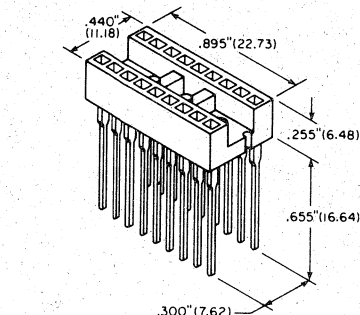
16-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W18

Fig. AS27

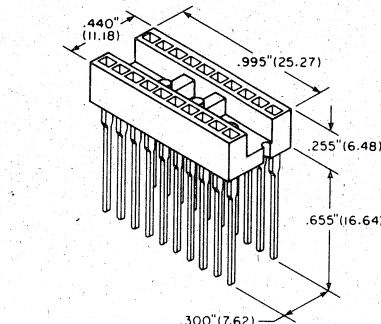
18-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W20

Fig. AS28

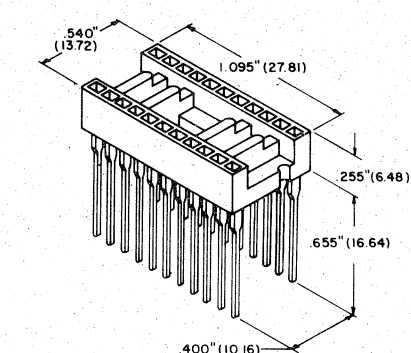
20-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W22

Fig. AS29

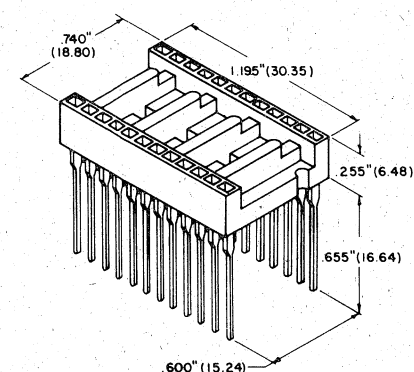
22-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W24

Fig. AS30

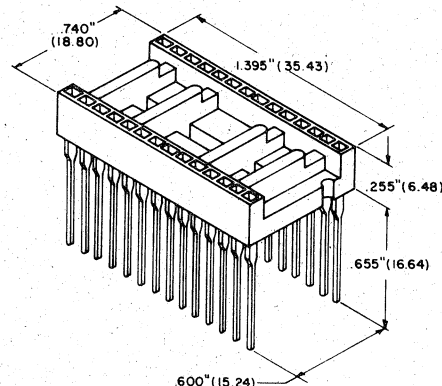
24-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W28

Fig. AS31

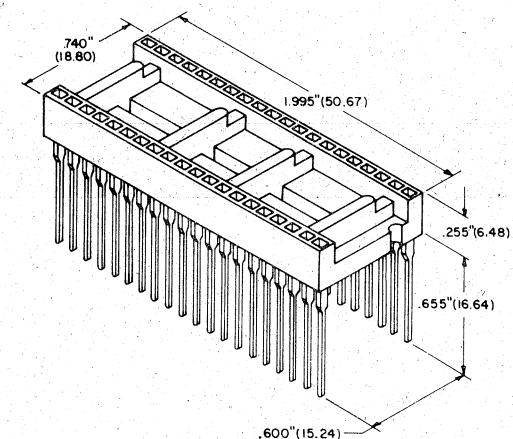
28-Pin DIP, IC Socket, Wire Wrap Leads



ECG436W40

Fig. AS32

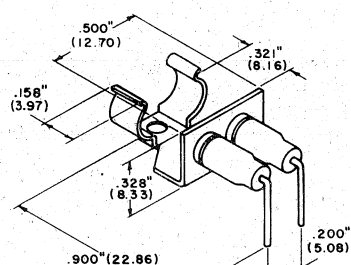
40-Pin DIP, IC Socket, Wire Wrap Leads



ECG437X18

Fig. AS33

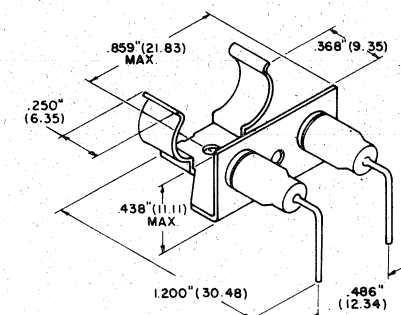
Crystal Socket for HC-18 Case with .017" Diameter Cut Leads



ECG437X33

Fig. AS34

Crystal Socket for HC-33 Case with .030" Diameter Cut Leads



Cross Reference

R

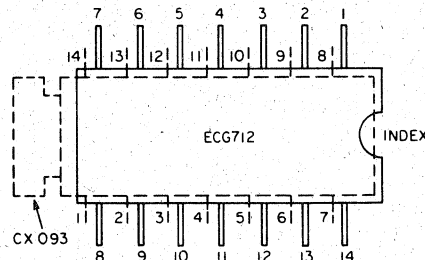
Cross Reference Section — Special Notes

- Ⓐ Same number is used for two different parts - check schematic or original part.
- # When replacing this part it is necessary to use the insulating hardware supplied.
- ◆ May not be an exact mechanical or electrical equivalent. However, it will provide an acceptable substitute in the majority of typical applications.
- ▲ One end of the coil is connected to both pin #6 and pin #9 on the original part. Only pin #6 of the ECG replacement part is connected to the coil. A jumper wire is needed from pin #9 to pin #6 if coil voltage is only supplied to pin #9 on the PC board or socket.
- % One end of the coil is connected to pin #2 only on the original part. This end of the coil is common to both pin #2 and pin #13 on the ECG replacement part. If pin #13 is used as a tie point in the original application, pin #13 must be removed from the ECG replacement part.
- One end of the coil is connected to pin #13 only on the original part. This end of the coil is common to both pin #2 and pin #13 on the ECG replacement part. If pin #2 is used as a tie point in the original application, pin #2 must be removed from the ECG replacement part.
- + The device being replaced has internal MOV transient protection. When using the ECG replacement, connect the recommended ECG MOV across output terminals 1 and 2 of the relay.
- § Type is obsolete and no longer available from Philips ECG. Cross reference is retained for information only.
- ‡ Original part had metric threads.
- * **ECG539**
When replacing part numbers 530165-12, MH1011B01 and MH1031C01 with ECG539 cut "G" lead at surface of failed multiplier. Strip and connect to "G" terminal of replacement.
- * **ECG779A**
Use of the ECG779A may require modification of external circuitry - see data packed with device.
- * **ECG1081A**
Following modifications are required in order to replace UPC563H by ECG1081A:
 1. Remove 680-ohm resistor on pin #3 and #4 as well as SD46 or 1S953 diode.
 2. Remove 10 K-ohm resistor on pin #9.
 3. Change 220 pF capacitor between pin #4 and pin #5 to 47 pF to get same frequency response.
 4. Ground heat sink fin.

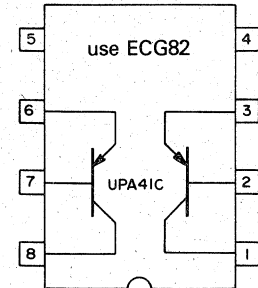
The ECG1081A is a direct replacement for the UPC563H2 by grounding the heat sink fin.

- * **ECG1086**
When replacing type UPC49C with ECG1086 pin #7 should be connected to nearest ground through a 3.3 K-ohm, 1/2 watt resistor.
- * **ECG1089**
Devices marked ECG1089-3, when used to replace a UPC29C, may require the addition of a .01 μ F capacitor between pins #13 and #17 for optimum performance.
- * **ECG1091**
When using ECG1091 to replace UPC48C, ground pin #15 through a 5.6 K-ohm, 1/2 watt resistor.
- * **ECG1140**
The ECG1140 is an improved replacement for type UPC575C. The following circuit changes must be made for proper operation.
 1. Remove any resistor between pins #5 and #8 (typically this will be 22,000 ohms).
 2. Remove any resistor between pin #8 and ground (typically this will be 8200 ohms).
 3. By-pass pin #8 directly to ground through a 47 μ F capacitor.

Note: No circuit modifications are necessary to replace type UPC575C2 with ECG1140.
- * **13-17-6**
Use ECG123A plus 15 K-ohm resistor base to ground.
- * **15-43251-1**
The Sylvania Integrated Circuit part number 15-43251-1 can be replaced with the ECG747. When installing the ECG747, a 470-ohm resistor should be connected in parallel with the existing 470-ohm resistor, between pins #5 and #6. This is to maintain the proper DC level at the output on pin #4 when measured with no signal output.
- * **CX093**
When replacing CX093 with ECG712 insert as shown in diagram. No heatsinking is required. (ECG712 index is opposite of original part.)



- * **HA11441**
When replacing HA11441 with ECG1471, Pin #16 is to be grounded.
- * **TBA810S-H**
When replacing TBA810S-H with ECG1115A connect 100-ohm, 1/4 watt resistor between pins #1 and #4.
- * **UPA41C**
When replacing UPA41C, use ECG82 as illustrated below.



- * **UPC1154H**
When replacing UPC1154H with ECG1194 the resistor connected to pin #5 must be eliminated and replaced by a jumper wire to prevent a loss in gain.

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
000000FR2.....116	00002SC870.....123A	00002SC710B.....123A	001-01206-0.....102	001-021232.....192A	001-223027.....146A	002UMI.....8115							
000000FRI.....116	00002SC870A.....123A	00002SC710C.....123A	001-01501-0.....109	001-021240.....186	001-223028.....145A	003.....110MP							
000000MV4.....600	00002SC870B.....123A	00002SC772C.....107	001-02010.....158	001-021250-002.....107	001-223030.....135A	003(McIntosh).....724							
000000S15.....552	00002SC870C.....123A	00002SC828.....123A	001-02011.....123	001-021260.....123A	001-223034.....145A	003-00.....229							
000000SD1.....116	00002SC929.....199	00002SC828H.....123A	001-02020.....123A	001-021260-001.....123AP	001-223038.....5075A	003-001.....116							
000000N60.....110A	00002SC930.....199	00002SC828Q.....123A	001-02101-0.....123A	001-021270.....130	001-223040.....5141A	003-00200.....110MP							
00000010D1.....552	00002SC945.....289A	00002SC930D.....199	001-02101-1.....123A	001-021270-001.....130	001-223060.....135A	003-002200.....113A							
000000SD17.....116(2)	00002SC968.....123	00002SC930E.....199	001-02102-0.....123A	001-021280.....181	001-226010.....177	003-004200.....110MP							
000000SD18.....116(2)	00002SD235.....152	00002SC945Q.....199	001-02103-0.....123A	001-021290.....128	001-226060.....519	003-005400.....109							
000000SD38.....116	00002SD261.....192	00002SC968P.....128	001-02104-0.....123A	001-021300.....154	001-226080.....519	003-006700.....109							
000000SD1A.....506	000010DC1R.....116(2)	00002SC1023.....107	001-02105-0.....123A	001-021310.....123AP	001-226110.....116	003-007500.....110MP							
000000SD1AB.....116	000002.....129	00002SC1026.....107	001-02106-0.....123A	001-021314.....289A	001B(McIntosh).....726	003-009000.....109							
000000SD1AB(Boost).....506	0000101.....126A	00002SC1028A.....107	001-02107-0.....123A	001-021320.....152	001UMI.....8098	003-009100.....145A							
000000SD1Y.....116	0000102.....126A	00002SC1028B.....107	001-02108-0.....123A	001-021322.....152	002(McIntosh).....710	003-009200.....142A							
000000SD46.....109	0000103.....102A	00002SC1028C.....107	001-02109-0.....123A	001-022010.....159	002-005100.....102A	003-009400.....116							
000000SV31.....158	0000104.....102A	00002SC1032.....107	001-02110-0.....123A	001-022020.....290A	002-006300.....126A	003-009700.....142A							
000000SZ78.....138A	000071090.....131	00002SC1032A.....107	001-02111-1.....123A	001-022021.....290A	002-006500.....123	003-009900.....116							
000000S188.....110A	000071120.....187	00002SC1032B.....107	001-02113-2.....123A	001-022022.....290A	002-006600.....102A	003-009900(Airline).....506							
000000S330.....135A	000071130.....187A	00002SC1032C.....107	001-02113-3.....123A	001-022023.....290A	002-006800.....102A	003-01(SYL).....5400							
000000S331.....5070A	000071131.....187A	00002SC1061.....152	001-02113-4.....123A	001-022030.....192A	002-006900.....102A	003-01.....229							
000000S334.....139A	000071150.....159	00002SC1061A.....152	001-02113-5.....123A	001-022031.....192A	002-007000.....104	003-02000.....110MP							
000000S990.....177	000071151.....159	00002SC1061B.....152	001-02114-0.....198	001-022032.....193A	002-007100.....180	003-010000.....142A							
000000SB22.....102A	000072020.....116	00002SC1061C.....152	001-02115-0.....124	001-022040.....189	002-007200.....160	003-1(SYL METAL).....128							
00000010DC1.....116	000072090.....109	00002SC1383.....128	001-02117-2.....193	001-022050(HAMMOND).....187	002-007300.....102A	003-1(METAL).....128							
000000DS13.....199	000072130.....177	0004-003500.....116	001-02119-0.....128	001-022060.....129	002-007400.....160	003-H03.....102							
000000DS18.....116	000072150.....139A	000546-1.....123A	001-02212-0.....123A	001-022070.....281	002-008100.....104	003UMI.....8125							
000000DS131.....116	000072160.....109	000553.....123A	001-02201-0.....159	001-022070.....281	002-008400.....102A	004.....1098							
000000DS410.....177	000073100.....5072A	000553.....123A	001-02201-1.....159	001-022080.....153	002-008800.....121	004(Toyota).....1098							
000000FR206.....116	000072190.....139A	0004201.....102A	001-02303-0.....137A	001-022082.....197	002-009500.....123A	004(McIntosh).....123A							
000000MZ206.....136A	000073070.....199	0004202.....102A	001-02303-4.....145A	001-022090.....197	002-009500.....123A	004-00.....123A							
000000S1801.....116	000073080.....199	0004203.....131	001-02304-0.....116	001-022114.....159	002-009501.....123A	004-00(Last IF).....233							
000000W2090.....139A	000073090.....123A	0004203.....131	001-02305-0.....116	001-022114.....159	002-009502.....123A	004-001.....179							
0000-00011-046.....177	000073100.....123A	0004203.....131	001-02305-1.....116	001-022114.....159	002-009503.....108	004-002000.....116							
0000-00011-049.....123A	000073110.....128	0004203.....131	001-02305-2.....116	001-022114.....159	002-009504.....108	004-002700.....116							
0000-00011-050.....184	000073120.....123A	0004203.....131	001-02305-3.....116	001-022114.....159	002-009505.....108	004-002800.....116							
0000-00011-053.....220	000073130.....123A	0004203.....131	001-02305-4.....116	001-022114.....159	002-009506.....108	004-002900.....113A							
0000-00011-054.....312	000073140.....229	0004203.....131	001-02305-5.....116	001-022114.....159	002-009507.....108	004-003000.....116							
0000-00011-055.....312	000073150.....123A	0004203.....131	001-02305-6.....116	001-022114.....159	002-009508.....108	004-003100.....116							
0000-0070.....187A	000073230.....123A	0004203.....131	001-02305-7.....116	001-022114.....159	002-009509.....108	004-003200.....118							
0000-0071.....187A	000073231.....123A	0004203.....131	001-02305-8.....116	001-022114.....159	002-009510.....108	004-003300.....116							
0000-0100.....290A	000073280.....186	0004203.....131	001-02305-9.....116	001-022114.....159	002-009511.....108	004-003400.....116							
0000-0140.....290A	000073290.....123A	0004203.....131	001-02306-0.....116	001-022114.....159	002-009512.....108	004-003500.....506							
0000-0141.....290A	000073300.....192	0004203.....131	001-02306-1.....116	001-022114.....159	002-009513.....108	004-003600.....116							
0000-0150.....290A	000073302.....192	0004203.....131	001-02306-2.....116	001-022114.....159	002-009514.....108	004-003700.....120							
0000-0300.....290A	000073303.....192	0004203.....131	001-02306-3.....116	001-022114.....159	002-009515.....108	004-003800.....116							
00001N60.....110A	000073305.....192	0004203.....131	001-02306-4.....116	001-022114.....159	002-009516.....108	004-003900.....116							
00001S188.....110A	000073305.....192	0004203.....131	001-02306-5.....116	001-022114.....159	002-009517.....108	004-004000.....116							
00001S188AM.....110A	000073310.....123A	0004203.....131	001-02306-6.....116	001-022114.....159	002-009518.....108	004-004100.....116							
00001S334.....139A	000073320.....186	0004203.....131	001-02306-7.....116	001-022114.....159	002-009519.....108	004-004200.....116							
00001S446D.....109	000073332.....123A	0004203.....131	001-02306-8.....116	001-022114.....159	002-009520.....108	004-004300.....118							
00001S1210.....177	000073333.....123A	0004203.....131	001-02306-9.....116	001-022114.....159	002-009521.....108	004-004400.....116							
00001S1555.....177	000073335.....123A	0004203.....131	001-02307-0.....116	001-022114.....159	002-009522.....108	004-004500.....116							
00001S1846.....116(2)	000073340.....199	0004203.....131	001-02307-1.....116	001-022114.....159	002-009523.....108	004-004600.....116							
00001S1849R.....116(2)	000073360.....199	0004203.....131	001-02307-2.....116	001-022114.....159	002-009524.....108	004-004700.....116							
00001S2076.....177	000073361.....199	0004203.....131	001-02307-3.....116	001-022114.....159	002-009525.....108	004-004800.....116							
00001S4460.....109	000073373.....199	0004203.....131	001-02307-4.....116	001-022114.....159	002-009526.....108	004-004900.....116							
00002S606.....107	000073374.....199	0004203.....131	001-02307-5.....116	001-022114.....159	002-009527.....108	004-005000.....116							
00002SA101.....107A	000073380.....186	0004203.....131	001-02307-6.....116	001-022114.....159	002-009528.....108	004-005100.....116							
00002SA202.....102A	000073381.....186A	0004203.....131	001-02307-7.....116	001-022114.....159	002-009529.....108	004-005200.....116							
00002SA550.....151A	000073390.....123A	0004203.....131	001-02307-8.....116	001-022114.....159	002-009530.....108	004-005300.....116							
00002SA609.....159	000073391.....123A	0004203.....131	001-02307-9.....116	001-022114.....159	002-009531.....108	004-005400.....116							
00002SB22.....102A	000074010.....1045	0004203.....131	001-02308-0.....116	001-022114.....159	002-009532.....108	004-005500.....116							
00002SB185.....102A	000074020.....1045	0004203.....131	001-02308-1.....116	001-022114.....159	002-009533.....108	004-005600.....116							
00002SB185-0.....102A	000074030.....1142	0004203.....131	001-02308-2.....116	001-022114.....159	002-009534.....108	004-005700.....116							
00002SB186.....102A	000074040.....1142	0004203.....131	001-02308-3.....116	001-022114.....159	002-009535.....108	004-005800.....116							
00002SB186-0.....102A	000074050.....1142	0004203.....131	001-02308-4.....116	001-022114.....159	002-009536.....108	004-005900.....116							
00002SB186-0.....102A	000074060.....1142	0004203.....131	001-02308-5.....116	001-022114.....159	002-009537.....108	004-006000.....116							
00002SB186-0.....102A	000074070.....1142	0004203.....131	001-02308-6.....116	001-022114.....159	002-009538.....108	004-006100.....116							
00002SB186-0.....102A	000074080.....1142	0004203.....131	001-02308-7.....116	001-022114.....159	002-009539.....108	004-006200.....116							
00002SB186-0.....102A	000074090.....1142	0004203.....131	001-02308-8.....116	001-022114.....159	002-009540.....108	004-006300.....116							
00002SB186-0.....102A	000074100.....1142	0004203.....131	001-02308-9.....116	001-022114.....159	002-009541.....108	004-006400.....116							
00002SB186-0.....102A	000074110.....1142	0004203.....131	001-02309-0.....116	001-022114.....159	002-009542.....108	004-006500.....116							
00002SB186-0.....102A	000074120.....1142	0004203.....131	001-02309-1.....116	001-022114.....159	002-009543.....108	004-006600.....116							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
007-0051	128	0050-0300	519	0066-585XX-XXAX	7427	00130041	89	01-030945	85	01-226030	177	02-561251	815
007-0074	175	0050-0301	519	0066-600XX-XXAX	7430	00200118	116	01-030983	287	01-349418	192	02-561410	714
007-0112	152	0051-0010	116	0066-603XX-XXHX	741330	00351980	128	01-031018	299	01-349426	229	02-560945	199
007-0112-03	152	0051-0040	156	0066-610XX-XXHX	7432	00352080	123A	01-031047	229	01-349623	123AP	02-700542	159
007-0112-05	152	0051-0070	558	0066-611XX-XXXX	741332	0044028-010	123A	01-031096	186A	01-349634	123AP	02-781050	977
007-0149-00	357	0051-0100	552	0066-643AX-XXDX	7415259	00444028-014	123A	01-031103	154	01-349681	159	02-781060	988
007-0150-00	359	0051-0110	552	0066-645AX-XXDX	7415273	00444028-002	123A	01-031166	297	01-571591	159	02B23.3	5005A
007-0214-00	312	0051-0130	552	0066-648AX-XXAX	7415283	00444028-006	123A	01-031173	152	01-571751	159	02P1B	159
007-0214-01	312	0051-0160	116	0066-660XX-XXBX(Midway)	7442	00444028-007	123A	01-031175	123A	01-571794	161	02P1BC	189
007-0378-00	471	0051-0170	506	0066-661XX-XXCX	741542	00444028-008	123A	01-031213	289A	01-571804	233	02RECT-UG-1004	5304
007-0484-00	342	0051-0290	116(2)	0066-690XX-XXBX(Midway)	7448	00444028-010	123A	01-031239	237	01-571821	123AP	02SC458LGC	123A
007-112-04	152	0051-0291	116(2)	0066-700AX-XXBX	7415367	00444028-014	123A	01-031293	233	01-571831	154	02ST-2SC1815GR	85
007-6016-00	519	0051-0340	552	0066-701AX-XXNX	7415368	0031013007(EBC)	229	01-031306	235	01-571921	124	02ST-2SC1815Y	85
007-6060-00	519	0054-0050	5014A	0066-717AX-XXBX	7415374	0031013010	123AP	01-031307	236	01-571941	123A	02ST-2SC1815Y	389
007-16687C1	911	0054-0060	5015A	0066-720AX-XXBX	7415377	0031013017	187A	01-031317	289A	01-572088	171	02ST-2SD1178C	373
007-25005-01	519	0054-0110	5074A	0066-730AX-XXCX	7415393	0031013019	193	01-031318	297	01-572588	159	02X12GR	142A
007-25013-01	519	0054-0115	5020A	0066-792AX-XXCX(Midway)	966	0031013022	123AP	01-031327	199	01-572774	153	02Z6.6	5011A
007-25016-01	519	0054-0152	5035A	0066-801AX-XXBX	961	0031013024	294	01-031342	229	01-572784	152	02Z5.6A	5011A
007-74004-01	159	0054-0191	5010A	0066-804AX-XXFX	8080A	0031013025	287	01-031359	229	01-572791	152	02Z5.6Y	5011T1
007-74008-01	159	0054-0240	5021A	0066-820XX-XXAX	7474	0031013027	287	01-031364	123A	01-572811	290A	02Z6	5013A
007-74655-02	123A	0054-0611	5033A	0066-821XX-XXCX	74574	0031013028	123AP	01-031393	229	01-572814	289A	02Z6.2	137A
007-74655-06	123A	0055	129	0066-823XX-XXDX	741574A	0031013029	108	01-031419	152	01-572831	154	02Z6.2A	137A
007-74659-01	128	0064-030XX-XXBP	116	0066-827AX-XXNX(Midway)	741575	0031013031	159	01-031507	198	01-572861	152	02Z6.2A	137A
007-74659-04	128	0065-040XX-XXCX	5016A	0066-830XX-XXBX	741576	0031013032	123AP	01-031514	376	01-630710	123AP	02Z6.2U	5013A
007-74659-06	128	0064-131XX-XXJX	5020A	0066-863XX-XXDX	741586	0031013047	198	01-031566	157	01-651350	199	02Z6.2W	5013A
007-74661-01	123A	0064-133XX-XXJX	5021A	0066-895XX-XX1X	7489	0031013048	287	01-031674	107	01-680815	123AP	02Z6.2WFA-1	5013A
007-1668701	911	0065-085XX-XXCX	130	0066-915XX-XXBX	7493A	0031013049	123AP	01-031675	229	01-690261	192	02Z6.2A	5014A
007-1668601	910	0065-105XX-XXCX	199	0066-985XX-XXBX	74107	0031013050	159	01-031678	235	01-690471	297	02Z7.5A	138A
007-1668602	910	0065-213XX-XXCX	123AP	0066-986XX-XXAX	7415107	0031013051	123AP	01-031687	123A	01-690564	298	02Z8.2A	5072A
007-1669602	941M	0065-215XX-XXCX	159	0069-131XX-XXGX	3047	0031013052	159	01-031730	107	01-690643	193A	02Z9.1	5018A
007-1669901	923D	0065-342XX-XXCX	46	0070-0120	1278	0031013053	108	01-031756	198	01-690733	290A	02Z9.1A	5018A
007-1681301	9112B	0065-379XX-XXDX	263	0070-0210	1616	0031013056	123AP	01-031760	306	01-691674	107	02Z9.1A	139A
007-1695001	7400	0065-385XX-XXDX	378	0070-0500	1751	0031013063	123AP	01-031815	123AP	01B23.9	5007A	02Z10A	140A
007-1695101	7404	0065-388(EAL)Y	331	0071-0030	1466	0031013064	187A	01-031846	306	01-691674	107	02Z10A	5019A
007-1695301	7404	0065-428XX-XXCX	123AP	0073-0010	1003	0031013065	193	01-031855	108	01F-SL8020	703	02Z10A-U	140A
007-1695701	7440	0065-485XX-XXMX	152	0073-0020	615A	0031013066	379	01-031906	108	01ST-2SC945P	85	02Z11A	5020A
007-1695901	7410	0065-488XX-XXMX	153	0073-0050	1440	0031013067	186A	01-031909	235	01ST-MPS9700D	123AP	02Z12A	5021A
007-1696001	7485	0065-592XX-XXMX	261	0073-0180	1413	0031014003	552	01-031921	287	02-01062	1249	02Z12GR	5021A
007-1696101	7402	0065-588XX-XXMX	262	0073-0300	1550	0031014007	116	01-031923	229	02-01062	1249	02Z12GR	5021A
007-1696201	7402	0065-518XX-XXDX	5629	0073-0250	1297	0031014008	116	01-031941	287	02-010612	1249	02Z15A	5025A
007-1696301	7437	0065-560XX-XXBX	377	0079-0510	1538	0031014009	5015A	01-031957	295	02-070034	312	02Z16A	5025A
007-1696701	7411	0065-563XX-XXDX	288	0081-0050	605A	0031014013	519	01-031964	236	02-091125	712	02Z18A	5027A
007-1696801	7414	0065-568XX-XXBX	366	0081-0090	605A	0031014014	5010A	01-031969	236	02-091128	712	02Z18A	5030A
007-1696901	7406	0066-012BX-XXAX	987	0086-0080	148A	0031014021	107	01-031973	236	02-091137	788	02Z24A	5031A
007-1697701	74180	0066-020BX-XXAX	834	0087	146A	0031014022	177	01-031974	235	02-091156	801	02Z26A	137A
007-1697801	7441	0066-022BX-XXAX	966	0088-001(RCA)	112	0031014024	552	01-032001	123AP	02-091199	1290	02Z102A	139A
007-1698301	74192	0066-034BX-XXAX	928M	0088-1(RCA)	112	0031014028	519	01-032028	373	02-091342	1239	03-0018-0	116
007-1698401	74193	0066-037BX-XXAX	990	0089-0710	2114	0031014030	552	01-032029	235	02-091366	1239	03-0018-0	124
007-1698901	7450	0066-043DX-XXAX	1232	0089-1030	116	0031015010	712	01-032057	319P	02-1001-1221-3	109	03-0022-0	102
007-1699201	7411	0066-050XX-XXAX	955M	0099-1040	519	0031015012	712	01-032076	123AP	02-1001-1221-3	109	03-0022-0	109
007-1699301	7408	0066-061AX-XXDX	7415133	010101	1019	0063050118	116	01-032078	236	02-1006-2/2221-3	177	03-0022	102
007-1699401	7403	0066-065BX-XXDX	992	00106	1332	0031013044	379	01-032091	295	02-1006-2/2221-3	177	03-0023-0	102
007-1699901	7410	0066-068AX-XXCX	7415133	0023-B	175	0031013067-U	187A	01-032092	235	02-1006-2/2221-3	177	03-0023-0	102
007-7450301	130	0066-085XX-XXCX	130	00415	159	00S08	1232	01-032166	236	02-5004	5697	03-034-042	519
007-7466101	123A	0066-091BX-XXEX	4555B	00-875-121-286	125	00S34	4011B	01-032314	295	02-5004-6	5695	03-57-001	126A
007UMI	8181	0066-094BX-XXDX	829	00-875-121-294	116	00S35	941M	01-040234	152	02-5184-11	5675	03-57-002	126A
009-000	165	0066-096XX-XXDX	7415133	00-875-121-319	5485	00S36	401M	01-040234	152	02-5184-11	5675	03-57-003	160
009-000	165	0066-100BX-XXDX	4024B	00-875-121-369	5485	00-008	128	01-040325	152	02-5184-11	5675	03-57-004	124
009-000	165	0066-104XX-XXAX	941M	001422	123A	0-008(Ampex)	129	01-040325	152	02-121201	1003	03-57-102	160
009-1(SYL)	161	0066-119XD-XXOD	2102	003002	109	0-009	129	01-040471	295	02-121365	712	03-57-200	160
009-301003	102A	0066-124BX-XXDX	3880	003007	116	0.5Z5.1U	5010A	01-040478	196	02-123160	1170	03-57-201	126A
010-0041	202	0066-125XX-XXEX	107	003008	116	01	193	01-040637	193	02-123160	1170	03-57-202	160
010-0180	398	0066-131XE-XXAX	2114	003012	116	01-080U40	221	01-040724	291	02-124422	1155	03-57-301	102
010-12-911	116	0066-140AX-XXBX	74153	003016	109	01-0301-031383383	293	01-070019	453	02-151204	1434	03-57-302	102A
010-12-911	116	0066-141AX-XXHX	7415153	003017	519	01-010377	293	01-070030	312	02-151496	973	03-57-304	102
014-911	177	0066-145AX-XXBX	74154	003023	116	01-010473	153	01-070034	312	02-151521	1170	03-57-501	121
015-911	177	0066-160AX-XXBX	74157	003028	116	01-010495	290A	01-070049	312	02-16143	138A	03-57-502	102A
019-003485	175	0066-161AX-XXBX	7415157	003102	139A	01-010509	290A	01-070120	451	02-173202	1082	03-180	109
020-0190	85	0066-166AX-XXHX	7415158	003111	139A	01-010562	290A	01-070136	312	02-173710	1194	03-460C	108
020-0191	85	0066-180AX-XXHX	74161	003113	135A	01-010564	234	01-080019	453	02-173756	1271	03-461B	108
020-0193	85	0066-183AX-XXHX	7415161A	003404	294	01-010628	159	01-080045	222	02-181310	801	03-535A	108
020-0220	186A	0066-193AX-XXCX	7415163A	003429	85	01-010640	234	01-080059	222	02-235104	1255B	03-156B	123A
020-0221	18												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
04-00460-03	123A	05-490005	138A	05Z6.8Z	5014A	07-28777-45	1265	07-28977-90	391	09-3470-0	102A	09-301056	102A
04-00461-02	107	05-500310	123A	05Z7.5	5015A	07-28777-44	1266	07-28977-101	5012A	09-3472-0	121MP	09-301066	158
04-00535-02	107	05-500315	123AP	05Z7.5-L	5015A	07-28777-46	1267	07-28977-105	5041A	09-3473-0	5018A	09-301071	127
04-00535-06	108	05-506512	123AP	05Z7.5UNI	5015A	07-28777-47	1268	07-28977-106	5010A	09-3457-0	159	09-301072	102A
04-01585-06	123A	05-508162	123AP	05Z8.2	5016A	07-28777-48	1168	07-28977-107	605A	09-5414-0	116	09-301073	127
04-01585-07	123A	05-508533	123AP	05Z8.2U	5016A	07-28777-49	1269	07-28977-113	5022A	09-5503-0	116	09-301074	102A
04-01585-08	107	05-508534	123A	05Z8.2Z	5016A	07-28777-50	1223	07-28977-119	605A	09-5506-0	104	09-301075	131
04-02090-02	123A	05-518534	123AP	05Z9.1	5018A	07-28777-51	1270	07-28977-120	552	09-5507-0	126A	09-301077	153
04-07150-01	187A	05-540001	116	05Z9.1L	5018A	07-28777-52	9400	07-28977-121	5010A	09-5508-0	102A	09-301079	127
04-2	610	05-540008	5072A	05Z9.1U	5018A	07-28777-53	9200	07-28977-122	5014A	09-5509-0	104	09-301081	292
04-57-303	102	05-540010	5019A	05Z9.1Z	5018A	07-28777-54	9401	07-28977-123	5016A	09-5605-0	143A	09-302002	229
04-8054-3	116	05-540014	5073A	05Z10	5019A	07-28777-56	1408	07-28977-124	1409	09-5606-0	5030A	09-302003	229
04-8054-4	116	05-540068	5014A	05Z10-L	5019A	07-28777-70	290A	07-28977-125	960	09-5612-0	123A	09-302004	233
04-8054-7	116	05-540082	5072A	05Z10-U	5019A	07-28777-71	290A	07-28977-127	5025A	09-5662-0	123A	09-302005	108
04-11620-01	186A	05-540091	5016A	05Z10A-U	5019A	07-28777-72	374#	07-28977-128	1414	09-5663-0	6401	09-302006	229
04-15850-06	107	05-540094	139A	05Z10-L	5019A	07-28777-76	107	07-46100-79	834	09-6515-0	5801	09-302007	123A
04-38190-01	312	05-610046	109	05Z10-U	5019A	07-28777-83	289A	07-46100-100	1425	09-6516-0	100	09-302009	108
04-46000-02	229	05-610115	612	05Z11	5020A	07-28777-87	373#	07-46100-127	1609	09-6517-0	121	09-302010	108
04-67000-01	159	05-617014	123AP	05Z12	5021A	07-28777-91	519	07-46100-359	166A	09-6621-0	508A	09-302012	123A
04-440032-002	159	05-704448	519	05Z12X	5021T1	07-28777-92	80	07B(Zener)	5014A	09-7016-0	102A	09-302014	107
04-440032-008	159	05-740002	506	05Z12Y	5021T1	07-28777-93	109	07B1Z	708	09-7311-0	5016A	09-302015	195A
04A1	121	05-740012	552	05Z12Z	5021T1	07-28777-94	110MP	07B2B	708	09-7313-0	116(4)	09-302016	233
04A1-12	121	05-750001	116	05Z13	5022A	07-28777-95	605A	07B2Z	788	09-7407-0	289A	09-302017	108
04A1-12-7	121	05-750010	116	05Z13U	5023A	07-28777-100	5013A	07B3C	708	09-7442-0	138A	09-302030	195A
04S06	235	05-750018	116	05Z13Z	5023A	07-28777-101	3025	07B3D	708	09-7444-0	5801	09-302032	107
04S07	123AP	05-780003	606	05Z15	5024A	07-28777-102	3021	07B3M	708	09-7502-0	102A	09-302033	123A
04S09	159	05-780251	614	05Z15L	5024A	07-28777-108	610	07B3Z	708	09-7554-0	5801	09-302034	123A
04S4	5463	05-860002	552	05Z15U	5024A	07-28777-109	1421	07B3Z	708	09-7556-0	5801	09-302035	195A
04S11	152	05-860091	139A	05Z15X	5024A	07-28777-110	610	07D	5015A	09-7556-0	5801	09-302036	229
04S22	184	05-860910	139A	05Z15Y	5024A	07-28777-111	610	07DK201	1V130	09-8168-0	177	09-302037	229
04S05	302	05-891220	605A	05Z16	5025A	07-28777-70	1405	07DK241	1V150	09-8224-0	5017A	09-302037(IC)	1006
04S06	235	05-900006	116	05Z16X	5025A	07-28777-71	1428	07DK39	1V250	09-8225-0	5015A	09-302037 (Transistor)	229
04ST-25C945Q(AU)E	85	05-900009	506	05Z18L	5027A	07-28777-72	1425	07M5(Zener)	5014A	09-80083	159	09-302038	195A
04SZ-UZ-6.2B	5013A	05-931601	116	05Z18	5027A	07-28777-73	1421	07SD-1S1555	177	09-80104B	102A	09-302039	123A
04.000654	177	05-931609	552	05Z20	5029A	07-28777-74	1412	07SD-1S1887(AU)	116	09-80126	102A	09-302040	289A
05-00000-00	109	05-931642	177	05Z20X(ZENER)	5029A	07-28777-75	1419	07ST-25C383W	85	09-80313	102A	09-302044	107
05-00000-02	116	05-931645	177	05Z20Y	5029A	07-28777-76	1622	07SZ-UZP-11B	5074A	09-80319	192	09-302045-12	123A
05-00080-00	109	05-931771	109	05Z22	5030A	07-28777-77	1427	08-0821	116	09-80351	199	09-302046	300
05-00060-01	109	05-932201	116	05Z22L	5030A	07-28777-78	9402	08-08111	109	09-80636	110MP	09-302050	237
05-000102	552	05-932510	109	05Z24	5031A	07-28777-79	373#	08-08112	110MP	09-80694	1006	09-302051	195A
05-00160-01	109	05-933945	5081A	05Z24A	5031A	07-28777-80	289A	08-08119	177	09-800002	126A	09-302054	123A
05-001100	116	05-933949	5005A	05Z27	5033A	07-28777-82	234	08-08120	145A	09-800005	158	09-302055	195A
05-002139	611	05-933950	5075A	05Z27X	5033A	07-28777-84	219	08-08122	116	09-800006	126A	09-302056	237
05-02160-01	177	05-936010	506	05Z33Y	5036A	07-28777-85	519	08-08125	126A	09-800012	126A	09-302058	123A
05-03016-01	116	05-936010	506	05Z33Y	5036A	07-28777-86	312	08A159-001	601	09-800015	126A	09-302060	108
05-04001-02	116	05-936011	552	05Z72	5093A	07-28815-75	290A	08A159-007	177	09-800016	126A	09-302062	123A
05-04800-02	5072A	05-936470	177	05Z82	5074A	07-28815-76	290A	08A159-009	601	09-800017	126A	09-302063	107
05-015022	229	05-950081	5072A	06-506508	290A	07-28815-77	290A	08A161-001	HiDiv-1	09-800018	126A	09-302068	195A
05-040004	552	05-950081	5072A	06-506508	290A	07-28815-78	290A	08A161-002	HiDiv-1	09-800021	160	09-302072	107
05-040006	552	05-950081	139A	06-506508	290A	07-28815-79	112	08A161-003	HiDiv-1	09-800024	160	09-302073	107
05-060052	135A	05-950086	139A	06A(Zener)	5012A	07-28815-80	107	08A165-001	177	09-800026	234	09-302074	123A
05-060110	5074A	05-950094	139A	06B1M	722	07-28815-81	85	08A300-2	123A	09-800027	126A	09-302075	192
05-090092	139A	05-950094	139A	06B1Z	722	07-28815-82	85	08B1M	725	09-800028	160	09-302078	123A
05-16311	85	05A03	109	06B2	722	07-28815-83	85	08B2D	725	09-800029	126A	09-302079	107
05-17013	123AP	05A05	177	06B-3-12	121MP	07-28815-84	195	08B2M	725	09-800036	234	09-302080	186A
05-33015	177	05A06	519	06B-3-12-7	121MP	07-28815-85	85	08D(Diode)	156	09-800037	159	09-302081	195A
05-69669-01	5071A	05A07	519	06C(ZENER)	5012A	07-28815-86	85	08P-2	102A	09-800037A	121	09-302082	195A
05-90006	116	05A08	519	06C(ZENER)	5012A	07-28815-87	85	08P-2-12-7	102A	09-800043	129	09-302083	152
05-109335	123AP	05A09	156	06M(Zener)	5012A	07-28815-88	85	08P-12-12	102A	09-800059	159	09-302085	199
05-110106	5071A	05A09	156	06M(Zener)	5012A	07-28815-89	147A	08SD-1K34A	109	09-800061	159	09-302086	199
05-110108	138A	05A03	109	06M(Zener)	5012A	07-28815-90	1548	08ST-25C945Q(AU)E	85	09-800062	159	09-302090	128
05-110442	177	05A05	177	06M6(Zener)	5012A	07-28815-91	125(2)	08ST-25C945Q(AU)E	85	09-800063	159	09-302090(Diode)	177
05-112404	506	05A08	519	06P1C	121	07-28816-70	1408	08ST-25C945Q(AU)E	85	09-800064	290A	09-302092	107
05-123103	552	05A09	156	06ST-25C1906	121	07-28816-71	1428	08ST-JE9015C	159	09-800067	187	09-302093	199
05-123418	5010A	05B(ZENER)	5009A	06X90514A75	5404	07-28816-72	1422	09-000-302-002-1	6400B	09-800068	187	09-302095	229
05-130031	3007	05B1Z	712	07-0028977-072	1625	07-28816-73	187A	09-000-303-000-1	290A	09-800070	290A	09-302097	199
05-141025	156	05B(Zener)	5010A	07-0028977-75	1568	07-28816-74	109	09-000-303-009-0	294	09-800071	294	09-302099	154
05-150023	600	05DK22	1V014	07-0028977-112	3121	07-28816-75	85	09-000-304-007-2	85	09-800072	193	09-302101	123A
05-150046	605A	05DK27	1V017	07-07113	290A	07-28816-76	109	09-000-304-008-2	107	09-800073	187A	09-302102	299
05-163111A	85	05DK27	1V017	07-07119	102A	07-28816-77	116	09-000-304-014-1	107	09-800074	159	09-302106	123A
05-163112	85	05DK33	1V020	07-07124	123A	07-28816-78	615A	09-000-304-016-2	85	09-800076	294	09-302107	199
05-163210	85	05DK36	1V035	07-07125	123A	07-28816-79	85	09-000-304-024-0	85	09-800077	159	09-302113	186
05-170034	109	05DK82	1V050	07-07129	229	07-28816-80	109	09-000-304-024-1	85	09-800078	126A	09-302114	107
05-170060	109	05DK201	1V130	07-07139	123A	07-28816-81	4016B	09-000-304-029-0	152	0			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
09-302161	193	09-305073	159	09-306180	139A	09-306382	139A	09-309028	108	014-8(SYL-Diode)	116	019-005021	123A
09-302162	108	09-305074	108	09-306181	138A	09-306383	5070A	09-309029	172A	014-8(MAG-SCR)	5400	019-005043	109
09-302164	152	09-305075	129	09-306183	137A	09-306384	116	09-309030	193	014-9(SYL-Diode)	5015A	019-005045	5806
09-302165	123A	09-305076	126	09-306185	5010A	09-306385	116	09-309031	192	014-13(SYL-Diode)	519	019-005157	161
09-302166	282B	09-305077	123A	09-306192	116	09-306390	177	09-309032	108	014-14(MAG-Diode)	5010A	019-005179	159
09-302169	237	09-305091	237	09-306193	113A	09-306391	142A	09-309038	159	014-21(SYL-Diode)	109	019-00301980	109
09-302170	187	09-305092	297	09-306194	139A	09-306392	506	09-309042	159	014-30(MAG-TRI)	552	019-00301981	56008
09-302171	128	09-305093	229	09-306195	5077A	09-306393	504	09-309049	123A	014-556	105	019-2(MAG-TRI)	56010
09-302172	123A	09-305094	177	09-306196	5077A	09-306394	116	09-309050	123A	014-511	159	019-3(MAG-TRI)	56018
09-302173	289A	09-305095	235	09-306197	138A	09-306401	138A	09-309059	159	014-530	130	019-301990	109
09-302175	123A	09-305096	229	09-306198	177	09-306417	116	09-309061	289A	014-652	159	020-00011	110MP
09-302176	163A	09-305123	199	09-306199	177	09-306418	506	09-309062	195A	014-652C	159	020-00012	110MP
09-302177	163A	09-305125	199	09-306202	177	09-306419	5071A	09-309063	297	014-680	123A	020-00023	126A
09-302185	161	09-305126	102A	09-306205	116	09-306421	116	09-309064	123A	014-686	123A	020-00024	107
09-302186	198	09-305132	161	09-306206	177	09-306422	116	09-309065	229	014-698	123A	020-00025	107
09-302187	165	09-305133	312	09-306208	5070A	09-306423	506	09-309069	107	014-754	234	020-00026	108
09-302188	286	09-305134	129	09-306209	112	09-306424	125	09-309070	199	014-772	159	020-00027	108
09-302189	123A	09-305135	312	09-306210	112	09-306425	506	09-309071	168A	014-784	123A	020-00028	107
09-302190	236	09-305136	236	09-306211	177	09-306426	116	09-309072	107	014-862	107	020-00029	109
09-302192	236	09-305137	236	09-306212	5015A	09-306427	116	09-309073	108	014A	121	020-111-023	181
09-302193	236	09-305138	390	09-306212	5015A	09-306428	5074A	09-309074	312	014A-12	121	020-111-024	180
09-302194	199	09-305139	123A	09-306212	5015A	09-306429	5074A	09-309075	103A	014A-12-7	121	020-111-030	130
09-302200	233	09-305140	152	09-306212	5015A	09-306430	503	09-309076	123A	014UMI	8125	020-111-031	219
09-302201	161	09-305141	123A	09-306212	5015A	09-306431	116	09-309077	107	015	108	020-111-032	754
09-302202	315	09-305149	159	09-306214	116	09-306433	116	09-309078	229	015(Lambda)	912	020-114-008	703
09-302203	107	09-305150	287	09-306215	5071A	09-307039	177	09A02	746	015-002	116	020-114-009	720
09-302204	123A	09-305151	112	09-306216	112	09-307043	116	09A04	74LS193	015-006	116	020-114-004(Scott)	159
09-302206	229	09-306012	123A	09-306217	177	09-307045	177	09A05	4020B	015-007	5637	020-114-004C	159
09-302207	229	09-306019	109	09-306220	177	09-307055	177	09A07	787	015-1(MAG-SCR)	5404	020-114-005	159
09-302212	295	09-306009	109	09-306221	177	09-307056	601	09A08	1239	015-12(SYL-IC)	712	020-114-005(Scott)	159
09-302215	123A	09-306010	109	09-306222	109	09-307075	177	09A07	787	015N	116	020-114-006(Scott)	160
09-302216	107	09-306012	110MP	09-306223	177	09-307080	177	09A07	5018A	015UMI	8149	020-114-007(Scott)	129
09-302218	302	09-306019	109	09-306224	125	09-307082	138A	09A07	5018A	015UMI	5637	020-114-008	129
09-302219	302	09-306020	109	09-306226	125	09-307082	138A	09A07	5018A	016-1(SYL)	389	020-114-009(Scott)	129
09-302220	107	09-306024	109	09-306227	156	09-307083	177	09A07	5018A	016-1(MAG-SCR)	5351	020-114-009(Scott)	129
09-302222	297	09-306024(Zener)	145A	09-306228	140A	09-307084	116	09A07	5018A	016-2(SYL)	5424	020-114-010(Scott)	123A
09-302223	229	09-306031	506	09-306229	110MP	09-307085	177	09A07	5018A	016-2(SYL)	389	020-114-011(Scott)	123A
09-302225	229	09-306033	116	09-306231	177	09-307088	5071A	09A07	5018A	016-12	123A	020-114-012	123A
09-302226	192	09-306033	116	09-306232	139A	09-307089	177	09A07	5018A	016B810	123A	020-114-013(Scott)	123A
09-302227	123A	09-306034	116	09-306233	177	09-308002	724	09A07	5018A	016B812	123A	020-114-013	199
09-302236	152	09-306036	109	09-306235	140A	09-308003	724	09A07	5018A	016UMI	8167	020-114-013(Scott)	123A
09-302237	152	09-306037	109	09-306236	177	09-308004	703	09A07	5018A	016-003	199	020-114-014	129
09-302238	238	09-306040	109	09-306237	506	09-308008	1003	09A07	5018A	017-12	290A	020-114-015(Scott)	129
09-302240	161	09-306042(Resistor)	116	09-306238	5072A	09-308009	1046	09A07	5018A	017-015	187A	020-114-015(Scott)	129
09-302241	108	09-306042(ZENER)	5072A	09-306239	139A	09-308010	726	09A07	5018A	017-1(SYL)	5137A	020-114-016	312
09-302242	229	09-306046	116	09-306241	139A	09-308011	1054	09A07	5018A	017E824	123A	020-114-016(Scott)	312
09-302243	171	09-306047	109	09-306242	5072A	09-308013	1054	09A07	5018A	017E824	123A	020-114-017(Scott)	123A
09-302245	238	09-306049	109	09-306243	5075A	09-308017	704	09A07	5018A	018-00002	159	020-114-018(Scott)	312
09-302246	165	09-306050	116	09-306244	519	09-308019	703	09A07	5018A	018-00003	123A	020-114-021	312
09-303005	175	09-306051	109	09-306245	116	09-308021	9946	09A07	5018A	018-00004	187	020-114-022	312
09-303006	103A	09-306052	5014A	09-306247	139A	09-308022	7400	09A07	5018A	018-00005	196	020-114-025(Scott)	102A
09-303012	103A	09-306053	156	09-306248	177	09-308023	1004	09A07	5018A	018-00006	116	020-114-026	24
09-303013	103A	09-306054	116	09-306249	116	09-308024	1021	09A07	5018A	018-00007	116	020-114-028	199
09-303018	152	09-306055	137A	09-306250	116	09-308025	1076	09A07	5018A	018-00008	116	020-114-029(Scott)	199
09-303019	192	09-306057	110MP	09-306254	116	09-308026	1091	09A07	5018A	018-00009	116	020-114-033(Scott)	85
09-303021	196	09-306059	116	09-306255	116	09-308027	1047	09A07	5018A	018-0003	116(2)	020-114-034(Scott)	199
09-303022	152	09-306060	177	09-306260	506	09-308028	1077	09A07	5018A	018-004	116(2)	020-114-035(Scott)	290A
09-303023	103A	09-306061	109	09-306263	116	09-308029	1086	09A07	5018A	018-005	519	020-114-036(Scott)	290A
09-303025	123A	09-306062	177	09-306264	116	09-308030	1089	09A07	5018A	018-011	143A	020-114-037(Scott)	289A
09-303028	124	09-306063	116	09-306266	177	09-308031	1048	09A07	5018A	018-014	519	020-114-038(Scott)	199
09-303029	198	09-306064	109	09-306268	5075A	09-308033	1045	09A07	5018A	018-1(SYL)	228A	020-114-039(Scott)	159
09-303030	103A	09-306073	5070A	09-306274	125	09-308034	1006	09A07	5018A	018-1(MAG-SCR)	5468	020-114-040(Scott)	130
09-303031	152	09-306077	112	09-306275	139A	09-308036	1103	09A07	5018A	018-2(MAG-SCR)	5468	020-114-041(Scott)	130
09-303032	152	09-306088	116	09-306276	177	09-308037	1029	09A07	5018A	018B	107	020-114-042(Scott)	185
09-303033	152	09-306089	112	09-306278	144A	09-308038	1142	09A07	5018A	019-00009	123A	020-114-043(Scott)	185
09-303034	291	09-306091	109	09-306283	177	09-308039	704	09A07	5018A	019-00010	123A	020-114-044(Scott)	179
09-303036	287	09-306093	109	09-306285	116	09-308041	1100	09A07	5018A	019-002	3012A	020-114-045(Scott)	130
09-304011	160	09-306100	116	09-306287	139A	09-308043	1103	09A07	5018A	019-001918	109	020-114-046(Scott)	130
09-304012	159	09-306101	113A	09-306288	177	09-308044	1120	09A07	5018A	019-001980	109	020-114-047(Scott)	130
09-304017	312	09-306103	116	09-306289	5068A	09-308045	715	09A07	5018A	019-002691	5066A	020-114-048(Scott)	219
09-304042	229	09-306104	116	09-306290	109	09-308046	715	09A07	5018A	019-002718	109	020-114-049(Scott)	180
09-304043	229	09-306106	139A	09-306291	177	09-308047	713	09A07	5018A	019-002935	116	020-114-050(Scott)	182
09-304044	123A	09-306107	109	09-306300	116	09-308048	713	09A07	5018A	019-002964	177	020-114-051(Scott)	183
09-304044(Last IF)	233	09-306108	109	09-306303	116	09-308049	1019	09A07	5018A	019-003315	160	020-114-052(Scott)	129
09-304045	123A	09-306109	136A	09-306309	177	09-308050	1002	09A07	5018A				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
022-2823-003	109	026-100012	102	034-018-0	601	051-0118-00	2000	070-030	125	085	130	0103-0014P	128
022-2823-004	177	026-100013	128	034-026-0	116	051-0119-00	1082	070-031	156	085-163(MAG)	123AP	0103-0014S	128
022-2823-005	519	026-100017	123	034-031-0	109	051-0122-00	1525	070-032	125	085-163(MAG)	123A	0103-00051	128
022-2823-006	109	026-100018	102	034-032-0	519	051-0123-00	1474	070-033	125	085-005132-02	123A	0103-00060	108
022-2823-007	109	026-100019	129	034-1(SYL)	121	051-0151	175	070-035	156	085-0065-01	171	0103-00060B	108
022-2823-008	109	026-100020	121MP	034A	194	051-0155	123A	070-036	5809	085-0066-001	159	0103-00088	123A
022-2823-010	177	026-100025	123A	035	194	051-0156	195A	070-037	156	085-0067-001	6402	0103-00088/4460	199
022-2823-011	116	026-100026	121	035-003-0	139	051-0157	5809	070-038	125	085-0068-001	159	0103-00088/5462	199
022-2823-011	116	027-000296	116	035-013-0	611	051-0181-00	1278	070-047	177	085-0072-001	159	0103-00088H	123A
022-2823-011	612	027-000306	116	035-026-0	116	051-0183-00	1285	070-048	5075A	085-0073-001	188	0103-00088R	123A
022-2823-502	109												
022-2823-503	614	027-000312	116	037	123A	051-0183-01	1285	070-049	5081A	085-0074-001	182	0103-00088S	123A
022-2844-001	1169	027-300226	113A	038	128	051-0184-00	1285	070-050	184	085-0075-001	185	0103-0191	108
022-2844-002	123AP	028-300-226	110MP	039	129	051-0184-01	1286	072-1(SYL)	710	085-0076-001	123AP	0103-0389	108
022-2844-501	988	029-CH	5200A	039-033-0	988	051-0187-00	1170	072-1(SYL)	506	085-0077-001	159	0103-0419	186
022-2844-701	829			041	123A	051-0232-02	1234	072-2(SYL)	506	085-0078-001	171	0103-0419A	186
022-2844-702	829	029-DL	5194A	041A	222	051-0308-00	1461	072-7(SYL)	116	085-0079-001	171	0103-0473	123A
022-2844-703	1169	029-DT	517A	042-1(SYL)	123A	051-0309-00	1461	072-7(SYL)	506	085-0080-001	171	0103-0482	123A
022-2876-001	103A	029-EP	149A	042-1(SYL)	123A	051-0399(WIRES)	543	073-44(MAG-Diode)	136A	085-0081-001	165	0103-0491	123A
022-2876-002	123A	029-EP	149A	042-1(SYL)	123A	052	172A	073-45(MAG-Diode)	5120A	085-0082-001	123AP	0103-0491/4460	123A
022-2876-003	123A	029-ES	5087A	042A	710	052A	172A	074-1(SYL)	291	085-0083-001	130	0103-0491/5462	199
022-2876-004	159	029-FE	5068A	044-1(SYL)	377	053	722	074-1(SYL)	186	085-0084-001	219	0103-0492	199
022-2876-005	312	029-FI	5010A	044-1(SYL)	377	053-1	722	074-2	291	085-0085-001	188	0103-0503	128
022-2876-006	235	029-FM	5031A	045-1(Sylvania)	108	054	123A	075(SONY)	1301	085-0086-001	189	0103-0503/5462	289A
022-2876-008	222	029-FS	5192A	045-1(SYL-IC)	1231A	055	123A	075-000090	941	085-0087-001	108	0103-0503S	128
022-2876-009	312	029-GT	5203A	045-2(SYL-IC)	1231A	056	159	075-000100	4013B	085-0088-001	379	0103-0504	123A
022-2876-010	295	029-HA	142A	046-1(SYL)	108	056-1(SYL-Diode)	177	075-000210	20425	087	104	0103-0521	108
022-2876-011	235	029-HB	139A	046-2(SYL)	108	057	123A	075-000220	20425	087-1(SYL)	123A	0103-0521B	108
022-2876-012	236	029-HC	139A	046-3(SYL)	186	057-1(SYL)	116	075-000300	20418	087-2(SYL)	123A	0103-0531	108
022-2876-013	221	029-HD	145A	046-4(SYL)	186	057-4212	548	075-000324	987	088-2	125	0103-0531/4460	107
022-2876-014	152	029-HE	5071A	046-5(SYL)	186	057B474H	161	075-000339	834	088B	160	0103-0531/5462	123A
022-2876-015	152	029-HF	5079A	046-6(SYL)	186	059	124	075-000380	902	088B-12	160	0103-0540	123A
022-2876-016	312	029-HG	5079A	046-7(SYL)	186	059-1(SYL-IC)	712	075-000401	4001B	088B-12-7	160	0103-0568	107
022-2876-017	312	029-HI	5079A	046-8(SYL)	186	059-2(SYL-IC)	712	075-000407	4007	088C	100	0103-0568/4460	107
022-2876-018	312	029-HJ	5079A	046-9(SYL)	186	059-3(SYL-IC)	712	075-000411	4011B	088C-12	100	0103-0568/5462	107
022-2876-019	312	029-HK	5079A	046-10(SYL)	587A	062	123A	075-000413	4013B	088C-12-7	100	0103-0607	128
022-2876-020	312	029-HL	5079A	047	221	062-011200	HiDiv-2	075-000415	4015B	089-1(SYL)	228A	0103-0616	128
022-2876-021	312	029-HM	5079A	047-1(SYL)	187	062-011300	HiDiv-2	075-000416	4016B	089-2	228A	0103-090	116
022-2876-022	312	029-HN	5079A	047-2(SYL)	187	062-011400	HiDiv-3	075-000422	4022B	089-2(SYL)	228A	0103-093	199
022-2876-023	312	029-HO	5079A	047-3(SYL)	187	062-012100	HiDiv-4	075-000423	4023B	089-3	228A	0103-094	123A
022-2876-024	312	029-HP	5079A	047-4(SYL)	187	062-012500	HiDiv-12	075-000425	4025B	089-3(SYL)	228A	0103-095	158
022-2876-025	312	029-HQ	5079A	048	220	065	175	075-000440	4040B	089-4(SYL)	228A	0103-389	108
022-2876-026	312	029-HR	5079A	048(Zener)	5075A	065(SONY)	1300	075-000442	4042B	089-214	108	0103-512M	186
022-2876-027	312	029-HS	5079A	048-1(MAG-IC)	941M	065-001	312	075-000452	4052B	089-215	108	0103-9531/4460	108
022-2876-028	312	029-HT	5079A	048-2(MAG-IC)	941M	065-002	312	075-000466	4066B	089-216	108	0104-0013	128
022-2876-029	312	029-HU	5079A	048-3(MAG-IC)	976	065-004	123A	075-000469	4069	089-220	126A	0105-0012	312
022-2876-030	312	029-HV	5079A	049	976	065-006	199	075-000471	4071B	089-222	102A	0110	116
022-2876-031	312	029-HW	5079A	049-6(RCA)	5019T1	065-007	186A	075-000490	4066B	089-223	123A	0110-0011	116
022-2876-032	312	029-HX	5079A	050-1(SYL)	103	065-008	192	075-000493	4093B	089-226	123A	0110-0141	116
022-2876-033	312	029-HY	5079A	050-2(SYL)	103	065-012	177	075-0004514	971	089-231	158	0110-0141/4460	116
022-2876-034	312	029-IA	5079A	050A1GOF	5567	065-013	109	075-0004516	4516B	089-233	103	0110-0141/5462	116
022-2876-035	312	029-IB	5079A	050A1GOF	5567	065-014	110MP	075-0004520	4520B	089-236	109	0110-0209	116
022-2876-036	312	029-IC	5079A	050A1GOF	5567	065-015	116	075-0004555	4555B	089-241	177	0111	116
022-2876-037	312	029-ID	5079A	050A1GOF	5567	065-016	156	075-0004555	4555B	089-248	109	0112	116
022-2876-038	312	029-IE	5079A	050A1GOF	5567	065-017	160	075-0004555	4555B	089-252	117A	0112-0019	109
022-2876-039	312	029-IF	5079A	050A1GOF	5567	065-1-12	160	075-0004555	4555B	089-253	109	0112-0026	109
022-2876-040	312	029-IG	5079A	050A1GOF	5567	065-1-12-7	160	075-0004555	4555B	090A64-1	109	0112-0028	109
022-2876-041	312	029-IH	5079A	050A1GOF	5567	065-2	103A	075-0004555	4555B	092-1	105	0112-0028/4460	109
022-2876-042	312	029-II	5079A	050A1GOF	5567	065-2-12	103A	075-0004555	4555B	092-1-12	105	0112-0028/5462	109
022-2876-043	312	029-IL	5079A	050A1GOF	5567	065-2-10	236	075-0004555	4555B	092-1-12	714	0112-0037	109
022-2876-044	312	029-IM	5079A	050A1GOF	5567	065A	160	075-0004555	4555B	094-007	519	0112-0046	109
022-2876-045	312	029-IN	5079A	050A1GOF	5567	065A(SONY)	1300	075-0004555	4555B	094-010	116	0112-0073	109
022-2876-046	312	029-IO	5079A	050A1GOF	5567	065A-12	160	075-0004555	4555B	094-011	125	0112-0082	109
022-2876-047	312	029-IP	5079A	050A1GOF	5567	065A-12-7	160	075-0004555	4555B	094-012	506	0112-0082	109
022-2876-048	312	029-IQ	5079A	050A1GOF	5567	065B	126A	075-0004555	4555B	094-013	121	0114-0017	139A
022-2876-049	312	029-IS	5079A	050A1GOF	5567	065B-12	126A	075-0004555	4555B	094-014	109	0114-0026/4460	504A
022-2876-050	312	029-IT	5079A	050A1GOF	5567	065B-12-7	126A	075-0004555	4555B	094-015	109	0114-0090	139A
022-2876-051	312	029-IU	5079A	050A1GOF	5567	065B-12-7	126A	075-0004555	4555B	094-1	714	0114-0260	5071A
022-2876-052	312	029-IV	5079A	050A1GOF	5567	065C	121	075-0004555	4555B	094-1(MAG)	123AP	0114-0260-5462	5071A
022-2876-053	312	029-IV	5079A	050A1GOF	5567	065C-12	121	075-0004555	4555B	094-2(MAG)	123AP	0117-02	123A
022-2876-054	312	029-IV	5079A	050A1GOF	5567	065C-12-7	121	075-0004555	4555B	094-3(EBG-MAG)	123AP	0125	123A
022-2876-055	312	029-IV	5079A	050A1GOF	5567	066	128	075-0004555	4555B	094-3(MAG)	123AP	0121(Airline)	185
022-2876-056	312	029-IV	5079A	050A1GOF	5567	066-1	102A	075-0004555	4555B	094-4(EBG-MAG)	123AP	0122(Airline)	184
022-2876-057	312	029-IV	5079A	050A1GOF	5567	066-1-12	102A	075-0004555	4555B	094A	714	0122-0062	613
022-2876-058	312	029-IV	5079A	050A1GOF	5567	066-1-12-7	102A	075-0004555	4555B	094A(Packard Bell)	714	0122-0062	613
022-2876-059	312	029-IV	5079A	050A1GOF	5567	066-2	102A	075-0004555	4555B	0			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
0131-0044	116	0514-031162	5966	05009OOF	5569	06305	125(2)	013339(Rectifier)	125	080236	126A	0517132	177
0131-0053	116	0514-052189	5242V6	05010GOF	5569	06306	506	014002-1	177	080244	160	0517133	177
0131-001050	158	0514-052689	5967	05010OOF	5569	06318	156	014007-1	519	080245	160	0517550-3	116
0131-001056	158	0514-058337	5465	05011GOF	5569	06501	140A	020002-2	519	080253	126A	0517750	116
0131-001182	160	0514-060260	2042S	05011OOF	5569	06502	140A	014024	519	080258	160	0517750H	116
0131-001314	160	0514-064032	2040	05012GOF	5569	06503	139A	014382	121	080266	160	0517826	109
0131-001328	159	0514-100547	2042S	05012OOF	5569	06504	5026A	014558	154	080267	160	0517828	109
0131-001329	159	0514-101088	74LS12	05020GOF	5570	06505	5026A	014644	289A	080269	160	0517829	109
0131-001332	123A	0514-101098	74LS12	05021GOF	5570	06506	5026A	015040-7	742A	080270	126A	0517829	109
0131-001417	123A	0514-101100	2102	05021GOF	5570	06507	142A	018069	129	080275	126A	0525002	109
0131-001418	123A	0514-102578	6508	05201GOF	5575	06508	5073A	018077	128	080276	126A	0525002H	109
0131-001419	102A	0557-010	116	05201GOF	5575	06509	5026A	020156	100	080277	126A	0526224	109
0131-001420	159	0575-005	109	05201GOF	5575	06510	145A	020425-3	196	080278	102A	0526232	177
0131-001421	123A	0602	5878	05201GOF	5575	06511	312	020426-3	107	080279	102A	0535001	109
0131-001422	123A	0604	5882	05202GOF	5570	06512	312	020841	921	080280	102A	0535005	109
0131-001423	123A	0606	5890	05202GOF	5570	06516	312	021154	116	080281	158	0537640	116
0131-001424	123A	0648R	5071A	05202GOF	5575	06541	5081A	022393	396	080282	158	0537820	109
0131-001425	123A	0701	116	05203GOF	5572	06542	5081A	022394	396	080283	158	0537820	109
0131-001426	102A	0701	116	05203GOF	5572	06543	5081A	022395	396	080284	158	0537820	109
0131-001427	129	0701 (TRANSISTOR)	108	05203GOF	5572	06544	5010A	023754	384	080285	102A	0537820	109
0131-001428	129	0702	116	05203GOF	5572	06545	5010A	023762	130	080286	131MP	0552005	506
0131-001429	128	0703	116	05203GOF	5572	07101GOF	5570	025026	116	081046	102A	0552006	116
0131-001430	128	0704	116	05203GOF	5572	07101GOF	5575	025056	116	081047	102A	0552006H	116
0131-001431	128	0705	116	05203GOF	5572	07101GOF	5575	025072	126	081048	102A	0552007	116
0131-001432	160	0707	125	05203GOF	5572	07101GOF	5570	026237	123AP	081049	102A	0552007H	116
0131-001433	160	0710	116	05203GOF	5572	07101GOF	5575	030010	123A	081050	102A	0552010	116
0131-001434	160	0727-50	116	05204GOF	5572	07102GOF	5570	030010-1	123A	081056	102A	0552010H	116
0131-001435	160	0731	128	05204GOF	5572	07102GOF	5570	030011-1	128	081059	158	0563012H	102A
0131-001436	160	0731	128	05204GOF	5572	07102GOF	5570	030011-2	128	081060	123A	0563012H	102A
0131-001437	159	0732	184	05204GOF	5572	07102GOF	5570	030011-3	128	081061	123A	0563012H	102A
0131-001438	123A	0733	185	05204GOF	5572	07102GOF	5570	030254	289A	081062	233	0563012H	102A
0131-001439	159	0776-0160	123A	05204GOF	5572	07102GOF	5575	030387	5455	081063	195A	0563012H	102A
0131-001440	159	0776-0195	159	05205GOF	5572	07103GOF	5572	030515-1	123A	081064	102A	0563012H	102A
0131-001441	159	0831	234	05205GOF	5572	07103GOF	5572	030515-2	123A	081065	102A	0563012H	102A
0131-002049	153	0891-002P	129	05205GOF	5572	07103GOF	5572	030515-3	123A	081066	102A	0563012H	102A
0131-002068	130	0891-003N	123A	05205GOF	5572	07103GOF	5572	030515-4	123A	081067	102A	0563012H	102A
0131-002656	102A	01045	139A	05206GOF	5572	07103GOF	5572	030537-1	123A	081068	102A	0563012H	102A
0131-003029	123A	01058-1	182	05206GOF	5572	07104GOF	5572	030537-2	123A	081069	102A	0563012H	102A
0131-003423	123A	01058-2	182	05206GOF	5572	07104GOF	5572	030537-3	123A	081070	102A	0563012H	102A
0131-004367	123A	01064-5A	247	05206GOF	5572	07104GOF	5572	030537-4	123A	081071	102A	0563012H	102A
0131-004746	159	01122-0073	109	05206GOF	5572	07104GOF	5572	030537-5	123A	081072	102A	0563012H	102A
0131-004792	199	01339	116	05206GOF	5572	07104GOF	5572	030537-6	123A	081073	102A	0563012H	102A
0131-005347	199	02057-1	183	05206GOF	5572	07104GOF	5572	030537-7	123A	081074	102A	0563012H	102A
0131-005348	199	02057-2	183	05206GOF	5572	07104GOF	5572	030537-8	123A	081075	102A	0563012H	102A
0131-005349	199	02057-3	183	05206GOF	5572	07104GOF	5572	030537-9	123A	081076	102A	0563012H	102A
0131-005350	199	02057-4	183	05206GOF	5572	07104GOF	5572	030537-10	123A	081077	102A	0563012H	102A
0131-005351	199	02058-1	183	05206GOF	5572	07104GOF	5572	030537-11	123A	081078	102A	0563012H	102A
0131-005352	152	02058-2	183	05206GOF	5572	07104GOF	5572	030537-12	123A	081079	102A	0563012H	102A
0131-005353	153	02062-1	159	05206GOF	5572	07104GOF	5572	030537-13	123A	081080	102A	0563012H	102A
0131-005354	153	02062-2	159	05206GOF	5572	07104GOF	5572	030537-14	123A	081081	102A	0563012H	102A
0131-005355	153	02062-3	159	05206GOF	5572	07104GOF	5572	030537-15	123A	081082	102A	0563012H	102A
0131-005356	153	02062-4	159	05206GOF	5572	07104GOF	5572	030537-16	123A	081083	102A	0563012H	102A
0131-005357	153	02062-5	248	05206GOF	5572	07104GOF	5572	030537-17	123A	081084	102A	0563012H	102A
0131-005358	153	02062-6	248	05206GOF	5572	07104GOF	5572	030537-18	123A	081085	102A	0563012H	102A
0131-005359	153	02062-7	248	05206GOF	5572	07104GOF	5572	030537-19	123A	081086	102A	0563012H	102A
0131-005360	153	02062-8	248	05206GOF	5572	07104GOF	5572	030537-20	123A	081087	102A	0563012H	102A
0131-005361	153	02062-9	248	05206GOF	5572	07104GOF	5572	030537-21	123A	081088	102A	0563012H	102A
0131-005362	153	02062-10	248	05206GOF	5572	07104GOF	5572	030537-22	123A	081089	102A	0563012H	102A
0131-005363	153	02062-11	248	05206GOF	5572	07104GOF	5572	030537-23	123A	081090	102A	0563012H	102A
0131-005364	153	02062-12	248	05206GOF	5572	07104GOF	5572	030537-24	123A	081091	102A	0563012H	102A
0131-005365	153	02062-13	248	05206GOF	5572	07104GOF	5572	030537-25	123A	081092	102A	0563012H	102A
0131-005366	153	02062-14	248	05206GOF	5572	07104GOF	5572	030537-26	123A	081093	102A	0563012H	102A
0131-005367	153	02062-15	248	05206GOF	5572	07104GOF	5572	030537-27	123A	081094	102A	0563012H	102A
0131-005368	153	02062-16	248	05206GOF	5572	07104GOF	5572	030537-28	123A	081095	102A	0563012H	102A
0131-005369	153	02062-17	248	05206GOF	5572	07104GOF	5572	030537-29	123A	081096	102A	0563012H	102A
0131-005370	153	02062-18	248	05206GOF	5572	07104GOF	5572	030537-30	123A	081097	102A	0563012H	102A
0131-005371	153	02062-19	248	05206GOF	5572	07104GOF	5572	030537-31	123A	081098	102A	0563012H	102A
0131-005372	153	02062-20	248	05206GOF	5572	07104GOF	5572	030537-32	123A	081099	102A	0563012H	102A
0131-005373	153	02062-21	248	05206GOF	5572	07104GOF	5572	030537-33	123A	081100	102A	0563012H	102A
0131-005374	153	02062-22	248	05206GOF	5572	07104GOF	5572	030537-34	123A	081101	102A	0563012H	102A
0131-005375	153	02062-23	248	05206GOF	5572	07104GOF	5572	030537-35	123A	081102	102A	0563012H	102A
0131-005376	153	02062-24	248	05206GOF	5572	07104GOF	5572	030537-36	123A	081103	102A	0563012H	102A
0131-005377	153	02062-25	248	05206GOF	5572	07104GOF	5572	030537-37	123A	081104	102A	0563012H	102A
0131-005378	153	02062-26	248	05206GOF	5572	07104GOF	5572	030537-38	123A	081105	102A	0563012H	102A
0131-005379	153	02062-27	248	05206GOF	5572	07104GOF	5572	030537-39	123A	081106	102A	0563012H	102A
0131-005380	153	02062-28	248	05206GOF	5572	07104GOF	5572	030537-40	123A	081107	102A	0563012H	102A
0131-005381	153	02062-29	248	05206GOF	5572	07104GOF	5572	030537-41	123A	081108	102A	0563012H	102A
0131-005382	153	02062-30	248	05206GOF	5572	07104GOF	5572	030537-42	123A	081109	102A	0563012H	102A
0131-005383	153	02062-31	248	0									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
0573480H	128	04450037-002	182	06120231	159	06200207	552	0A01-11SE	5074A	05492	176	1/4 A140A	5054A
0573481H	289A	05320064	289A	06120233	123AP	06200226	519	0A09	109	05536G	123A	1/4 A140B	5054A
0573481H	123A	05320074H	123A	06120240	85	06200228	5020A	0A09-033	110A	05536G	123A	1/4 A140B	5054A
0573485	109	06100007	289A	06120249	160	06200232	116	0A8-1	160	05536G	123A	1/4 A140B	5054A
0573486	85	06100008	292	06130014	375	06200239	558	0A8-1-12	160	05536G	123A	1/4 A140B	5054A
0573486H	233	06100015	290A	06130017	375	06200231	552	0A8-1-12-7	160	05536G	123A	1/4 A140B	5054A
0573487	233	06100015	290A	06130018	375	06200232	552	0A9	110A	05536G	123A	1/4 A140B	5054A
0573487H	233	06100015	290A	06130019	238	06200233	5020A	0A7	109	05536G	123A	1/4 A140B	5054A
0573490	123A	06100033	290A	06130023	152	06200235	109	0A26	601	05536G	123A	1/4 A140B	5054A
0573491	85	06100034	290A	06130034	152	06200272	5010A	0A70	110A	05536G	123A	1/4 A140B	5054A
0573491H	289A	06100035	290A	06130036	375	06200295	5010T1	0A73	110A	05536G	123A	1/4 A140B	5054A
0573492	289A	06100047	290A	06130037	165	06210207	375	0A79	109	05536G	123A	1/4 A140B	5054A
0573494	108	06100053	234	06130039	293	06220015	5031A	0A81	110A	05536G	123A	1/4 A140B	5054A
0573495	108	06100054	234	06130041	89	06220021	580	0A85	109	05536G	123A	1/4 A140B	5054A
0573501	154	06100055	290A	06130042	89	06220022	5801	0A86	109	05536G	123A	1/4 A140B	5054A
0573506	108	06100058	323	06130046	375	06220069	116	0A86C	109	05536G	123A	1/4 A140B	5054A
0573506H	108	06100061	234	06130047	375	06220070	116	0A86C	109	05536G	123A	1/4 A140B	5054A
0573507	108	06100062	234	06130052	375	06220071	116	0A86C	109	05536G	123A	1/4 A140B	5054A
0573507H	108	06100065	398	06130053	375	06220071	116	0A90AM	110A	05536G	123A	1/4 A140B	5054A
0573508	107	06100077	290A	06130057	2302	06300001	1161	0A90FV	109	05536G	123A	1/4 A140B	5054A
0573509	229	06100081	290A	06150012	399	06300003	164	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573509H	107	06100082	290A	06150013	519	06300004	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573510	107	06100085	290A	06150014	152	06300005	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573510H	108	06100085	290A	06150015	152	06300006	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573511	108	06100085	290A	06150016	152	06300007	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573511H	107	06100086	290A	06150017	152	06300008	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573515	124	06100090	290A	06150018	152	06300009	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573515H	124	06100090	290A	06150019	152	06300010	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573517	108	06110027	292	06150020	506	06300011	1416	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573518	126A	06110032	292	06150021	5014A	06300012	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573519	154	06120001	152	06150022	506	06300013	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573523	123A	06120002	152	06150023	506	06300014	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573525	175	06120003	85	06150024	506	06300015	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573526	163A	06120006	85	06150025	506	06300016	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573527	128	06120008	233	06150026	506	06300017	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573529	123A	06120009	107	06150027	506	06300018	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573532	123A	06120012	283	06150028	506	06300019	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573541	237	06120013	229	06150029	506	06300020	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573542	129	06120015	107	06150030	506	06300021	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573556	123A	06120018	152	06150031	506	06300022	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573557	128	06120021	152	06150032	506	06300023	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573559	128	06120025	85	06150033	506	06300024	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573560	129	06120028	289A	06150034	506	06300025	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573562	130	06120029	123AP	06150035	506	06300026	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573570	108	06120030	152	06150036	506	06300027	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573607	107	06120031	286	06150037	506	06300028	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573742	102A	06120041	376	06150038	506	06300029	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0573981	123A	06120053	157	06150039	506	06300030	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575001	109	06120063	289A	06150040	506	06300031	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575001H	109	06120064	284	06150041	506	06300032	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575002	109	06120073	229	06150042	506	06300033	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575002H	109	06120077	124	06150043	506	06300034	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575004	109	06120078	165	06150044	506	06300035	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575005	109	06120083	376	06150045	506	06300036	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575005H	109	06120084	198	06150046	506	06300037	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575007	109	06120085	229	06150047	506	06300038	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575019	110MP	06120086	199	06150048	506	06300039	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575019H	110MP	06120087	85	06150049	506	06300040	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575047	506	06120088	198	06150050	506	06300041	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575047H	506	06120090	274	06150051	506	06300042	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575049	506	06120091	198	06150052	506	06300043	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575049H	506	06120096	199	06150053	506	06300044	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575050	125	06120097	198	06150054	506	06300045	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575051	116	06120098	198	06150055	506	06300046	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575054	506	06120108	85	06150056	506	06300047	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575066	506	06120109	198	06150057	506	06300048	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575067	506	06120110	198	06150058	506	06300049	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0575099	109	06120119	289A	06150059	506	06300050	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0576001	102A	06120126	399	06150060	506	06300051	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0576054	116	06120128	399	06150061	506	06300052	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0577001	109	06120129	399	06150062	506	06300053	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0613761A02	2V150	06120130	86	06150063	506	06300054	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0620014	552	06120134	399	06150064	506	06300055	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0620017	109	06120141	198	06150065	506	06300056	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0620076	503	06120144	157	06150066	506	06300057	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0622070	116	06120145	375	06150067	506	06300058	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0690043A47	2V150	06120148	375	06150068	506	06300059	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
0820220	233	06120149	376	06150069	506	06300060	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
01030710	123A	06120150	376	06150070	506	06300061	1496	0A90G	110A	05536G	123A	1/4 A140B	5054A
01031687	123A	06120151	289A	06150071	506	06300062	1496	0A9					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
¼ M6.2A21	5013T1	¼ M130Z10	5053A	¼ Z100D10	5050A	25T7.5A	5015A	4M3.0A25	5004A	4T5.6A	5011A	5E2	116
¼ M6.2A22	5013T1	¼ M140Z	5054A	¼ Z110D	5051A	25T7.5B	5004A	4M3.0A210	5004A	4T5.6B	5011A	5E3	116
¼ M6.2A25	5013A	¼ M140Z5	5054A	¼ Z110D5	5051A	25T8.2	5016A	4M3.0A210	5004A	4T6.2	5013A	5E4	116
¼ M6.2A210	5013A	¼ M140Z10	5054A	¼ Z110D10	5051A	25T8.2A	5005A	4M3.3A25	5005A	4T6.2A	5013A	5E5	116
¼ M6.8A2	5014A	¼ M150Z	5055A	¼ Z120D	5052A	25T8.2B	5015A	4M3.3A210	5005A	4T6.2B	5013A	5E6	116
¼ M6.8A25	5014A	¼ M150Z5	5055A	¼ Z120D5	5052A	25T8.7	5017A	4M3.6A25	5006A	4T6.8	5014A	5E7	125
¼ M6.8A210	5014A	¼ M150Z10	5055A	¼ Z120D10	5052A	25T8.7A	5017A	4M3.6A210	5006A	4T6.8A	5014A	5E8	125
¼ M6.8Z	5014A	¼ M160Z	5056A	¼ Z130D	5053A	25T8.7B	5017A	4M3.9A25	5007A	4T6.8B	5014A	5E9	125
¼ M6.8Z5	5014A	¼ M160Z5	5056A	¼ Z130D5	5053A	25T9.1	5018A	4M3.9A210	5007A	4T7.5	5015A	5E12	506
¼ M6.8Z10	5014A	¼ M160Z10	5056A	¼ Z130D10	5053A	25T9.1A	5018A	4M4.3A25	5008A	4T7.5A	5015A	5J05	116
¼ M7.5A25	5015A	¼ M175Z	5057A	¼ Z140D	5054A	25T9.1B	5018A	4M4.3A210	5008A	4T7.5B	5015A	5J1	116
¼ M7.5Z	5015A	¼ M175Z5	5057A	¼ Z140D5	5054A	25T10	5019A	4M4.3Z5	5008A	4T8.2	5016A	5J2	116
¼ M7.5Z5	5015A	¼ M175Z10	5057A	¼ Z140D10	5054A	25T10A	5019A	4M4.7A25	5009A	4T8.2A	5016A	5J3	116
¼ M7.5Z10	5015A	¼ M180Z	5058A	¼ Z150D	5055A	25T10B	5019A	4M4.7A210	5009A	4T8.2B	5016A	5J4	116
¼ M8.2Z	5016A	¼ M180Z5	5058A	¼ Z150D5	5055A	25T11	5020A	4M5.1A21	5010T1	4T9.1	5018A	5J5	116
¼ M8.2Z5	5016A	¼ M180Z10	5058A	¼ Z150D10	5055A	25T11A	5020A	4M5.1A22	5010T1	4T9.1A	5018A	5J6	116
¼ M8.2Z10	5016A	¼ M200Z	5060A	¼ Z160D	5056A	25T11B	5020A	4M5.1A25	5010A	4T9.1B	5018A	5J7	125
¼ M9.12	5018A	¼ M200Z5	5060A	¼ Z160D5	5056A	25T12	5021A	4M5.1A210	5010A	4T9.1B	5018A	5J8	125
¼ M9.125	5018A	¼ M200Z10	5060A	¼ Z160D10	5056A	25T12A	5021A	4M5.6A21	5011T1	4T10A	5019A	5J10	125
¼ M9.1210	5018A	¼ Z6.8D	5014A	¼ Z180D	5058A	25T12B	5021A	4M5.6A22	5011T1	4T10B	5019A	5J12	506
¼ M10Z	5019A	¼ Z6.8D5	5014A	¼ Z180D5	5058A	25T13	5022A	4M5.6A25	5011A	4T11	5020A	5M2.4Z55	5000A
¼ M10Z1	5019T1	¼ Z6.8D10	5014A	¼ Z180D10	5058A	25T13A	5022A	4M5.6A210	5011A	4T11A	5020A	5M2.4Z510	5000A
¼ M10Z2	5019T1	¼ Z7.5D	5015A	¼ Z200D	5060A	25T13B	5022A	4M6.2A21	5013T1	4T11B	5020A	5M2.5Z55	5001A
¼ M10Z5	5019A	¼ Z7.5D5	5015A	¼ Z200D5	5060A	25T14A	5024A	4M6.2A22	5013T1	4T12	5021A	5M2.5Z510	5001A
¼ M10Z10	5019A	¼ Z7.5D10	5015A	¼ Z200D10	5060A	25T15	5024A	4M6.2A25	5013A	4T12A	5021A	5M2.7Z55	5002A
¼ M11Z	5020A	¼ Z8.2D	5016A	¼ Z220D	5062A	25T15A	5024A	4M6.2A210	5013A	4T12B	5021A	5M2.7Z510	5002A
¼ M11Z5	5020A	¼ Z8.2D5	5016A	¼ Z23.7T5	5005A	25T15B	5024A	4M6.8A25	5014A	4T13	5022A	5M2.8Z55	5003A
¼ M11Z10	5020A	¼ Z8.2D10	5016A	¼ Z23.7T10	5006A	25T16	5025A	4M6.8A210	5014A	4T13A	5022A	5M2.8Z510	5003A
¼ M12Z	5021A	¼ Z9.1D	5018A	¼ Z23.7T5	5007A	25T16A	5025A	4M6.8Z	5014A	4T13B	5022A	5M3.0Z55	5004A
¼ M12Z1	5021T1	¼ Z9.1D5	5018A	¼ Z23.7T10	5008A	25T16B	5025A	4M6.8Z5	5014A	4T15	5024A	5M3.0Z510	5004A
¼ M12Z2	5021T1	¼ Z9.1D10	5018A	¼ Z24.7T5	5009A	25T18	5027A	4M7.5A25	5015A	4T15A	5024A	5M3.3Z55	5005A
¼ M12Z5	5021A	¼ Z10D	5019A	¼ Z25.1T5	5010A	25T18A	5027A	4M7.5A210	5015A	4T15B	5024A	5M3.3Z510	5005A
¼ M12Z10	5021A	¼ Z10D5	5019A	¼ Z25.6T5	5011A	25T18B	5027A	4M7.5Z	5015A	4T16	5025A	5M3.6Z55	5006A
¼ M13Z	5022A	¼ Z10D10	5019A	¼ Z26.2T5	5013A	25T20	5029A	4M7.5Z5	5015A	4T16A	5025A	5M3.6Z510	5006A
¼ M13Z5	5022A	¼ Z11D	5020A	¼ Z26.8T5	5014A	25T20A	5029A	4M8.2A25	5016A	4T16B	5025A	5M3.9Z55	5007A
¼ M13Z10	5022A	¼ Z11D5	5020A	¼ Z27.5T5	5015A	25T20B	5029A	4M8.2A210	5016A	4T18	5027A	5M3.9Z510	5007A
¼ M14Z	5023A	¼ Z11D10	5020A	¼ Z28.2T5	5016A	25T22	5030A	4M8.2Z	5016A	4T18A	5027A	5M4.3Z55	5008A
¼ M14Z5	5023A	¼ Z12D	5021A	¼ Z29.1T5	5018A	25T22A	5030A	4M8.2Z5	5016A	4T18B	5027A	5M4.3Z510	5008A
¼ M14Z10	5023A	¼ Z12D5	5021A	¼ Z10T5	5019A	25T22B	5030A	4M9.1A25	5018A	4T20	5029A	5M4.7Z55	5009A
¼ M15Z	5024A	¼ Z12D10	5021A	¼ Z11T5	5020A	25T24	5031A	4M9.1A210	5018A	4T20A	5029A	5M4.7Z510	5009A
¼ M15Z5	5024A	¼ Z13D	5022A	¼ Z12T5	5021A	25T24A	5031A	4M9.1Z	5018A	4T20B	5029A	5M5.1A21	5010T1
¼ M16Z	5025A	¼ Z13D5	5022A	¼ Z13T5	5022A	25T24B	5031A	4M9.1Z5	5018A	4T22A	5030A	5M5.1A22	5010T1
¼ M16Z5	5025A	¼ Z13D10	5022A	¼ Z15T5	5024A	25T27	5033A	4M10A21	5019T1	4T22A	5030A	5M5.1Z55	5010A
¼ M16Z10	5025A	¼ Z14D	5023A	¼ Z16T5	5025A	25T27A	5033A	4M10A22	5019T1	4T22B	5030A	5M5.1Z510	5010A
¼ M17Z	5026A	¼ Z14D5	5023A	¼ Z18T5	5027A	25T27B	5033A	4M10A25	5019A	4T24	5031A	5M5.6A21	5011T1
¼ M17Z5	5026A	¼ Z14D10	5023A	¼ Z20T5	5029A	25T30	5035A	4M10A210	5019A	4T24A	5031A	5M5.6A22	5011T1
¼ M17Z10	5026A	¼ Z15D5	5024A	¼ Z22T5	5030A	25T30A	5035A	4M10Z	5019A	4T24B	5031A	5M5.6Z55	5011A
¼ M18Z	5027A	¼ Z15D10	5024A	¼ Z24T5	5031A	25T30B	5035A	4M10Z5	5019A	4T27	5033A	5M5.6Z510	5011A
¼ M18Z5	5027A	¼ Z16D	5025A	¼ Z27T5	5033A	25T33	5036A	4M11Z	5020A	4T27A	5033A	5M6.0Z55	5012A
¼ M18Z10	5027A	¼ Z16D5	5025A	¼ Z30T5	5035A	25T33A	5036A	4M11Z5	5020A	4T27B	5033A	5M6.0Z510	5012A
¼ M19Z	5028A	¼ Z16D10	5025A	¼ Z33T5	5036A	25T33B	5036A	4M12A21	5021T1	4T30	5035A	5M6.0Z510	5012A
¼ M19Z5	5028A	¼ Z17D	5026A	¼ Z36T5	5037A	25T36	5037A	4M12A22	5021T1	4T30A	5035A	5M6.2A21	5013T1
¼ M19Z10	5028A	¼ Z17D5	5026A	¼ Z39T5	5038A	25T36A	5037A	4M12A25	5021A	4T30B	5035A	5M6.2A22	5013T1
¼ M20Z	5029A	¼ Z17D10	5026A	¼ Z43T5	5039A	25T36B	5037A	4M12A210	5021A	4T33	5036A	5M6.2Z55	5013A
¼ M20Z5	5029A	¼ Z18D	5027A	¼ Z47T5	5040A	25T39	5038A	4M12Z	5021A	4T33A	5036A	5M6.2Z510	5013A
¼ M20Z10	5029A	¼ Z18D5	5027A	¼ Z51T5	5041A	25T39A	5038A	4M12Z5	5021A	4T33B	5036A	5M6.8Z55	5014A
¼ M22Z	5030A	¼ Z18D10	5027A	¼ Z56T5	5042A	25T39B	5038A	4M13Z	5022A	4T36	5037A	5M6.8Z510	5014A
¼ M22Z5	5030A	¼ Z19D	5028A	¼ Z62T5	5044A	25T43	5039A	4M13Z5	5022A	4T36A	5037A	5M7.5Z55	5015A
¼ M22Z10	5030A	¼ Z19D5	5028A	¼ Z68T5	5045A	25T43A	5039A	4M15Z	5024A	4T36B	5037A	5M7.5Z510	5015A
¼ M24Z	5031A	¼ Z19D10	5028A	¼ Z75T5	5046A	25T43B	5039A	4M15Z5	5024A	4T39	5038A	5M8.2Z55	5016A
¼ M24Z5	5031A	¼ Z20D5	5029A	¼ Z82T5	5047A	25T47	5040A	4M16Z	5025A	4T39A	5038A	5M8.2Z510	5016A
¼ M24Z10	5031A	¼ Z20D10	5029A	¼ Z91T5	5049A	25T47A	5040A	4M16Z5	5025A	4T39B	5038A	5M8.7Z55	5017A
¼ M25Z	5032A	¼ Z22D5	5030A	¼ Z100T5	5050A	25T47B	5040A	4M18Z	5027A	4T43	5039A	5M8.7Z510	5017A
¼ M25Z5	5032A	¼ Z22D5	5030A	¼ Z125	5051A	25T51	5041A	4M18Z5	5027A	4T43A	5039A	5M9.1Z55	5018A
¼ M25Z10	5032A	¼ Z22D10	5030A	¼ Z12D10	5051A	25T51A	5041A	4M20Z	5029A	4T43B	5039A	5M9.1Z510	5018A
¼ M27Z	5033A	¼ Z24D	5031A	¼ Z25N6.8	5014A	25T51B	5041A	4M20Z5	5029A	4T47	5040A	5M10A21	5019T1
¼ M27Z5	5033A	¼ Z24D5	5031A	¼ Z25N7.5	5015A	25T56	5042A	4M22Z	5030A	4T47A	5040A	5M10A22	5019T1
¼ M27Z10	5033A	¼ Z25D	5031A	¼ Z25N8.2	5016A	25T56A	5042A	4M22Z5	5030A	4T47B	5040A	5M10Z1	5019T1
¼ M30Z	5035A	¼ Z25D5	5032A	¼ Z25N9.1	5018A	25T56B	5042A	4M24Z5	5031A	4T51A	5041A	5M10Z510	5019T1
¼ M30Z5	5035A	¼ Z25D10	5032A	¼ Z25N10	5019A	25T62	5044A	4M27Z	5033A	4T51B	5041A	5M10Z55	5019A
¼ M30Z10	5035A	¼ Z27D	5033A	¼ Z25N12	5020A	25T62A	5044A	4M27Z5	5033A	4T56	5042A	5M10Z510	5019A
¼ M33Z	5036A	¼ Z27D5	5033A	¼ Z25N13	5021A	25T62B	5044A	4M30Z	5034A	4T56A	5042A	5M11Z55	5020A
¼ M33Z5	5036A	¼ Z27D10	5033A	¼ Z25N15	5023A	25T68	5045A	4M30Z5	5034A	4T56B	5042A	5M11Z510	5020A
¼ M36Z	5037A	¼ Z30D	5035A	¼ Z25N16	5025A	25T68A	5045A	4M33Z	5036A	4T62	5044A	5M12A21	5021T1
¼ M36Z5	5037A	¼ Z30D5	5035A	¼ Z25N17	5026A	25T75	5046A	4M33Z5	5036A	4T62A	5044A	5M12A22	5021T1
¼ M36Z10	5037A	¼ Z30D10	5035A	¼ Z25N18	5027A	25T75A	5046A	4M36Z	5037A	4T62B	5044A	5M12Z55	5021A
¼ M39Z	5038A	¼ Z33D5	5036A	¼ Z25N19	5028A	25T75B	5047A	4M36Z5	5037A	4T68	5045A	5M12Z510	5021A
¼ M39Z5	5038A	¼ Z33D10	5036A	¼ Z25N20	5029A	25T82	5047A	4M39Z	5038A	4T68A	5045A	5M13Z55	5022A
¼ M43Z	5039A	¼ Z36D	5037A	¼ Z25N22	5030A	25T82B	5047A	4M43Z	5039A	4T7			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
5M47ZS5	5040A	7J2180	5103A	7Z68	5092A	7ZM22D	5080A ♦	1-021-0454	523/3306	1-531-064-00	502	1A0058	152
5M47ZS10	5040A	7J2200	5104A	7Z68A	5092A	7ZM24	5081A	1-023(H.H.SCOTT)	181	1-531-5-11	116	1A0059	291
5M51ZS5	5041A	7F6M220D	5102A	7Z68B	5092A	7ZM24A	5081A	1-024(H.H.SCOTT)	180	1-531-105-1	116	1A0063	123A
5M51ZS10	5041A	7Z75	138A	7Z68D	5092A ♦	7ZM24B	5081A	1-030(H.H.SCOTT)	130	1-531-106-13	116	1A0066	128
5M56ZS5	5042A	7Z6.8A	5071A	7Z75	5093A	7ZM24D	5081A ♦	1-031(H.H.SCOTT)	219	1-531-106-17	116	1A0067	289A
5M56ZS10	5042A	7Z6.8B	5071A	7Z75A	5093A	7ZM25	5082A	1-034/2207	159	1-531-10513	116	1A0070	123AP
5M60ZS5	5043A	7Z6.8D	5071A ♦	7Z75B	5093A	7ZM25A	5082A	1-035/2207	128	1-534-105-13	116	1A0076	123AP
5M60ZS10	5043A	7Z7.5	138A	7Z75D	5093A ♦	7ZM25B	5082A	1-037/2207	109	1-535-105-1	116	1A0077	123AP
5M62ZS5	5044A	7Z7.5A	138A	7Z82	150A	7ZM25D	5082A ♦	1-041/2207	108	1-800-496-11	1155	1A0078	123AP
5M62ZS10	5044A	7Z7.5B	138A	7Z82A	150A	7ZM27	146A	1-042/2207	123A	1-800-570-11	1659	1A0079	123A
5M68ZS5	5045A	7Z7.5D	138A ♦	7Z82B	150A	7ZM27A	146A	1-043/2207	159	1-800-653-11	1153 ♦	1A0080	123A
5M68ZS10	5045A	7Z8.2	5072A	7Z82D	150A ♦	7ZM27B	146A	1-044/2207	123A	1-800-662-11	1185	1A0081	123A
5M75ZS5	5048A	7Z8.2A	5072A	7Z91	5095A	7ZM27D	146A ♦	1-021151	124	1-801-003	123A	1A0083	289A
5M75ZS10	5047A	7Z8.2B	5072A	7Z91A	5095A	7ZM30	5084A	1-021162	124	1-801-003-12	108	1A0084	289A
5M82ZS5	5047A	7Z8.2D	5072A ♦	7Z91B	5095A	7ZM30A	5084A	1-021221	128	1-801-003-13	108	1A0090	285
5M82ZS10	5047A	7Z9.1	139A	7Z91D	5095A ♦	7ZM30B	5084A	1-021270	130	1-801-003-14	108	1A04582	160
5M87ZS5	5048A	7Z9.1A	139A	7Z100	5096A	7ZM30D	5084A ♦	1-021305	181	1-801-003-15	108	1A04583	160
5M87ZS10	5048A	7Z9.1B	139A	7Z100A	5096A	7ZM30E	5084A	1-021290	128	1-801-004	123A	1A04844	323
5M91ZS5	5049A	7Z9.1D	139A ♦	7Z100B	5096A	7ZM33A	147A	1/4M4.7A25	5009A	1-801-004-17	123A	1A04854	323
5M91ZS10	5049A	7Z10	140A	7Z100D	5096A ♦	7ZM33B	147A	1/4M6.825	5014A	1-801-005	158	1A04950	290A
5M100ZS5	5050A	7Z10A	140A	7Z110	151A	7ZM33D	147A ♦	1/4M16Z5	5025A	1-801-005-23	102A	1A04951	290A
5M100ZS10	5050A	7Z10B	140A	7Z110A	151A	7ZM33S	147A ♦	1-801-005	5031A	1-801-006-12	102A	1A04952	290A
5M102ZS5	5051A	7Z10C	140A ♦	7Z110B	151A	7ZM33T	147A ♦	1/4M36Z5	5037A	1-801-006-12	102A	1A05091	290A
5M102ZS10	5051A	7Z11	5074A	7Z110D	151A ♦	7ZM36A	5085A	1/4M120Z5	5052A	1-801-006-14	102A	1A05370	129
5M120ZS5	5052A	7Z11A	5074A	7Z120	5097A	7ZM36B	5085A	1/4M130Z5	5053A	1-801-009-11	5651	1A05375	129
5M120ZS10	5052A	7Z11B	5074A	7Z120A	5097A	7ZM36D	5085A ♦	1/4M200Z5	5060A	1-801-301-13	124	1A05378	129
5M130ZS5	5053A	7Z11D	5074A ♦	7Z120B	5098A	7ZM36E	5085A	1-20-001-890	116	1-801-301-14	124	1A05612	159
5M130ZS10	5053A	7Z12	142A	7Z120D	5097A ♦	7ZM39A	5086A	1-21-73	100	1-801-301-15	124	1A05617	159
5M140ZS5	5054A	7Z12A	142A	7Z130	5098A	7ZM39B	5086A	1-21-74	100	1-801-304-15	107	1A05627	290A
5M140ZS10	5054A	7Z12B	142A	7Z130A	5098A	7ZM39D	5086A ♦	1-21-75	100	1-801-305-13	108	1A06720	159
5M150ZS5	5055A	7Z12D	142A ♦	7Z130B	5098A	7ZM43	5087A	1-21-76	100	1-801-306	108	1A06728	159
5M150ZS10	5055A	7Z13	143A	7Z130D	5098A ♦	7ZM43A	5087A	1-21-78	100	1-801-306-13	108	1A06731	290A
5M180ZS5	5056A	7Z13A	143A	7Z140	5099A	7ZM43B	5087A	1-21-83	100	1-801-306-14	108	1A06733	234
5M180ZS10	5056A	7Z13B	143A	7Z140A	5099A	7ZM43D	5087A ♦	1-21-91	100	1-801-306-15	108	1A08146	292
5M190ZS5	5057A	7Z13D	143A ♦	7Z140B	5099A	7ZM47	5088A	1-21-92	100	1-801-308	102A	1A08721	234
5M190ZS10	5057A	7Z14	144A	7Z140D	5099A ♦	7ZM47A	5088A	1-21-93	100	1-801-308-24	102A	1A1	116
5M180ZS5	5058A	7Z14A	144A	7Z150	5100A	7ZM47B	5088A	1-21-95	102A	1-801-309	103A	1A7.5M	138A
5M180ZS10	5058A	7Z14B	144A	7Z150A	5100A	7ZM47D	5088A ♦	1-21-96	102A	1-801-310	158	1A7.5MA	138A
5M190ZS5	5059A	7Z14D	144A ♦	7Z150B	5100A	7ZM51	5089A	1-21-100	100	1-801-314	123A	1A8-1A82	160
5M190ZS10	5059A	7Z15	145A	7Z150D	5100A ♦	7ZM51A	5089A	1-21-102	100	1-801-314-15	123A	1A9.1M	139A
5M200ZS5	5060A	7Z15A	145A	7Z160	5101A	7ZM51B	5089A	1-21-103	100	1-801-314-16	123A	1A9.1MA	139A
5M200ZS10	5060A	7Z15B	145A	7Z160A	5101A	7ZM51D	5089A ♦	1-21-104	100	1-806-066-11	1488	1A10M	140A
75N5.1	136A	7Z15D	145A ♦	7Z160B	5101A	7ZM56	5090A	1-21-105	100	1-806-103-11	1930	1A10MA	140A
75N5.6	136A	7Z16	5075A	7Z160D	5101A ♦	7ZM56A	5090A	1-21-106	102A	1-806-127-11	2406	1A12M	142A
75N6.2	137A	7Z16A	5075A	7Z180	5103A	7ZM56B	5090A	1-21-107	102A	1-806-801-11	1707	1A12MA	142A
75N7.5	138A	7Z16B	5075A	7Z180A	5103A	7ZM56D	5090A ♦	1-21-120	102A	1-806-828-11	2408	1A13M	143A
75N12	142A	7Z16D	5075A ♦	7Z180B	5103A	7ZM62	149A	1-21-128	100	1-806-829-11	2402	1A13MA	143A
75N15	145A	7Z17	5076A	7Z180D	5103A ♦	7ZM62A	149A	1-21-135	160	1-806-832-11	2408	1A15M	145A
75N27	146A	7Z17A	5076A	7Z200	5105A	7ZM62B	149A	1-21-137	160	1-807-104-11	2358	1A15MA	145A
75N33	147A	7Z17B	5076A	7Z200A	5105A	7ZM62D	149A ♦	1-21-138	126A	1-807-105-11	2357	1A27M	146A
75N62	149A	7Z17D	5076A ♦	7Z200B	5105A	7ZM68	5092A	1-21-139	160	1-807-107-11	1729	1A27MA	146A
75N82	150A	7Z18	5077A	7Z200D	5105A ♦	7ZM68A	5092A	1-21-148	102A	1-2114-0	128	1A33M	147A
75N110	151A	7Z18A	5077A	7ZM6.8	5071A	7ZM68B	5092A	1-21-150	160	1-8259	116	1A33MA	147A
7E05	116	7Z18B	5077A	7ZM6.8A	5071A	7ZM68D	5092A ♦	1-21-157	160	1-12689	109	1A34	128
7E1	116	7Z18D	5077A ♦	7ZM6.8B	5071A	7ZM75	5093A	1-21-161	100	1-13989	519	1A34R	128
7E2	116	7Z19	5078A	7ZM6.8D	5071A ♦	7ZM75A	5093A	1-21-162	100	1-16549	177	1A35	519
7E3	116	7Z19A	5078A	7ZM7.5	138A	7ZM75B	5093A	1-21-164	102A	1-20633	139A	1A50	116
7E4	116	7Z19B	5078A	7ZM7.5A	138A	7ZM75D	5093A ♦	1-21-179	100	1-20398	140A	1A52	5000A
7E5	116	7Z19D	5078A ♦	7ZM7.5B	138A	7ZM82	150A	1-21-180	100	1-22489	139A	1A53	5002A
7E6	116	7Z20	5079A	7ZM7.5D	138A ♦	7ZM82A	150A	1-21-184	102A	1-22518	116	1A55	5005A
7E7	125	7Z20A	5079A	7ZM8.2	5072A	7ZM82B	150A	1-21-186	100	1-22519	135A	1A56	5006A
7E8	125	7Z20B	5079A	7ZM8.2A	5072A	7ZM82D	150A ♦	1-21-189	126A	1-52221011	102A	1A56M	148A
7E10	125	7Z20D	5079A ♦	7ZM8.2B	5072A	7ZM91	5095A	1-21-190	160	1-52221011	102A	1A56MA	148A
7E12	506	7Z22	5080A	7ZM8.2D	5072A ♦	7ZM91A	5095A	1-21-191	102A	1-52221013	160	1A57	5007A
7J05	116	7Z22A	5080A	7ZM9.1	139A	7ZM91B	5095A	1-21-192	102A	1-522210300	160	1A58	5008A
7J1	116	7Z22B	5080A	7ZM9.1A	139A	7ZM91D	5095A ♦	1-21-225	102A	1-522210921	160	1A59	5009A
7J2	116	7Z22D	5080A ♦	7ZM9.1B	139A	7ZM100	5096A	1-21-226	102A	1-522211021	160	1A60	5010A
7J3	116	7Z24	5081A	7ZM9.1D	139A ♦	7ZM100A	5096A	1-21-227	102A	1-522211200	102A	1A61	5011A
7J5	116	7Z24A	5081A	7ZM10	140A	7ZM100B	5096A	1-21-228	160	1-522211328	102A	1A62	5013A
7J6	116	7Z24B	5081A	7ZM10A	140A	7ZM100D	5096A ♦	1-21-229	160	1-522211921	160	1A62M	149A
7J7	125	7Z24D	5081A ♦	7ZM10B	140A	7ZM100E	5096A	1-21-230	160	1-522214400	160	1A62MA	149A
7J8	125	7Z25	5082A	7ZM10D	140A ♦	7ZM101	151A	1-21-231	160	1-522214411	160	1A62M	150A
7J10	125	7Z25A	5082A	7ZM11	5074A	7ZM101A	151A	1-21-232	102A	1-522214435	160	1A62MA	150A
7J12	506	7Z25B	5082A	7ZM11A	5074A	7ZM101D	151A ♦	1-21-233	160	1-522214821	160	1A100V	116
7J26.8	5071A	7Z25D	5082A ♦	7ZM11B	5074A	7ZM120	5097A	1-21-234	100	1-522214831	160	1A110M	151A
7J27.5	138A	7Z27	146A	7ZM11D	5074A ♦	7ZM120A	5097A	1-21-235	100	1-522216500	102A	1A110MA	151A
7J28.2	5072A	7Z27A	146A	7ZM12	142A	7ZM120B	5097A	1-21-236	100	1-522216600	102A	1A348	128
7J29.1	139A	7Z27B	146A	7ZM12A	142A	7ZM120D	5097A ♦	1-21-240	100	1-522217400	160	1A348R	128
7J210	140A	7Z27D	146A ♦	7ZM12B	142A	7ZM130	5098A	1-21-241	100	1-522223720	123A	1A471NC	941
7J211	5074A	7Z30</											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1AC82	150A	1C15375	199	1-DLR04	5332	1EZ6.2D10	137A	1EZ110D5	151A	1K60R	110A	1M10Z10	140A
1AC82A	150A	1C15713	293	1-DLR06	5332	1EZ6.2T10	137A	1EZ110D10	151A	1K60RF	110A	1M10ZS5	140A
1AC82B	150A	1C15860	388	1-DLR08	5334	1EZ6.8D	5071A	1EZ120D5	5097A	1K1	109	1M10ZS10	140A
1AC110	151A	1C15914	291	1-DLR10	5334	1EZ6.8D10	5071A	1EZ120D10	5097A	1K188FH	110A	1M11Z	5074A
1AC110A	151A	1C25681-A01	529	1DZ12	142A	1EZ6.8D10	5071A	1EZ120D10	5097A	1K188FH	110A	1M11ZS	5074A
1AC110B	151A	1C73045	235	1DZ61	116	1EZ6.8T10	5071A	1EZ130D	5098A	1K261	110A	1M11Z10	5074A
1AMH2	525	1C744001	229	1E00001	312	1EZ7.5D	138A	1EZ130D5	5098A	1K261FU	110A	1M11ZS5	5074A
1AS027	156	1C744002	229	1E05	116	1EZ7.5D10	138A	1EZ130D10	5098A	1K261TUE	110A	1M11ZS10	5074A
1AS029	156	1C744003	125A	1E1	116	1EZ7.5D10	138A	1EZ140D	5099A	1L5.6U	501A	1M12Z	142A
1B	504	1C744004	289A	1E2	116	1EZ7.5T10	138A	1EZ140D5	5099A	1L74	308A	1M12Z5	142A
1B05	166	1C744005	161	1E2Z5	142A	1EZ8.2D	5072A	1EZ140D10	5099A	1L-74	308A	1M12Z10	142A
1B05J05	166	1C744006	293	1E3	116	1EZ8.2D5	5072A	1EZ150D	5100A	1L-201	3041	1M12ZS5	142A
1B05J20	116	1C744007	293	1E4	116	1EZ8.2D10	5072A	1EZ150D5	5100A	1L-202	3041	1M12ZS10	142A
1B05J40	116	1C744008	184	1E5	116	1EZ8.2T10	5072A	1EZ150D10	5100A	1L-202	3041	1M13Z5	143A
1B08T05	166	1C744009	236	1E6	116	1EZ9.1D	139A	1EZ160D	5101A	1L202	3041	1M13Z10	143A
1B08T10	166	1C744010	519	1E7	125	1EZ9.1D5	139A	1EZ160D5	5101A	1L-250	3089	1M13Z25	143A
1B08T20	166	1C744011	109	1E7.5Z	138A	1EZ9.1D10	139A	1EZ160D10	5101A	1L-501	3041	1M13ZS5	143A
1B01860	138A	1C74421.1	199	1E8	125	1EZ9.1D10	139A	1EZ170D	5102A	1L-502	3041	1M13ZS10	143A
1B05310	281	1C744213	519	1E9.1Z	125	1EZ10D	140A	1EZ170D5	5102A	1L-505	3041	1M14Z	144A
1B05362	292	1CC580C	1196	1E9.1Z	139A	1EZ10D5	140A	1EZ170D10	5102A	1L505	3041	1M14Z5	144A
1B1	166	1CL-201A-TY	1171	1E9.1Z10	139A	1EZ10D10	140A	1EZ180D	5103A	1L-512	3041	1M14Z10	144A
1B1.1	5304	1CL-301A-TY	123	1E10	125	1EZ10T10	140A	1EZ180D5	5103A	1L512	3041	1M14ZS5	144A
1B2	167	1CL-723C-TZ	923	1E10Z	140A	1EZ11D	5074A	1EZ180D10	5103A	1L-530	308A	1M14ZS10	144A
1B2C1	116(2)	1CL-741C-TY	941	1E10Z	140A	1EZ11D5	5074A	1EZ190D	5104A	1L530	308A	1M15Z	145A
1B2C1	116(2)	1CL-741-LNC	941D	1E11Z	141A	1EZ11D10	5074A	1EZ190D5	5104A	1L-555	3083	1M15Z5	145A
1B2 K	5304	1CL-748C-TY	1171	1E11Z10	141A	1EZ11T10	5074A	1EZ190D10	5104A	1L555	3083	1M15Z10	145A
1B2Z1	116(2)	1D00900	252	1E12Z	142A	1EZ12D	142A	1EZ200D	5105A	1LA-30	3084	1M15ZS5	145A
1B3 C	5304	1D00922	159	1E12Z5	142A	1EZ12D5	142A	1EZ200D5	5105A	1LA30	3084	1M16Z	5075A
1B4	168	1D08	145A	1E12Z10	142A	1EZ12D10	142A	1EZ200D10	5105A	1LA-55	3083	1M16Z5	5075A
1B4B	5304	1D098-001V-022	177	1E14Z	144A	1EZ12T10	142A	1EZ200D10	5105A	1LA55	3083	1M16ZS	5075A
1B4B1	5304	1D01140	181	1E14Z5	144A	1EZ13D	143A	1F00004	177	1LCA2-30	3084	1M16Z10	5075A
1B4B1	5304	1D01540	124	1E14Z10	144A	1EZ13D5	143A	1F00012	109	1LCA2-30	3084	1M16ZS5	5075A
1B4B2	5304	1D02120	130	1E15Z	145A	1EZ13D10	143A	1F00017	138A	1LCA230	3084	1M16ZS10	5075A
1B4.1	5304	1D02341	152	1E15Z5	145A	1EZ13T10	143A	1F00019	139A	1LCA255	3083	1M17Z	5076A
1B6	169	1D02351	152	1E15Z10	145A	1EZ14D	144A	1F00019	139A	1LCT6	3086	1M17Z5	5076A
1B8	170	1D02560	152	1E17Z	146A	1EZ14D5	144A	1F00012	5081A	1LD-74	3086	1M17Z10	5076A
1B10	170	1D02591	181	1E17Z5	146A	1EZ14D10	144A	1F00013	137A	1LD-74	3086	1M17ZS5	5076A
1B10J20	170	1D03710	284	1E17Z10	146A	1EZ15D	145A	1F00017	138A	1LD-506	3086	1M17ZS10	5076A
1B2992	519	1D03812	291	1E17Z5	146A	1EZ15D5	145A	1F00019	139A	1LE11	156	1M18Z	5077A
1B3096-1	159	1D04240	284	1E17Z10	146A	1EZ15D10	145A	1F00028	5080A	1LF11	156	1M18Z5	5077A
1B12421	5882	1D04250	280	1E18Z	147A	1EZ15T10	145A	1F00030	137A	1LZ61	125	1M18Z10	5077A
1B162	582	1D05250	321	1E18Z10	147A	1EZ16D	146A	1F00032	137A	1M3.3A23	5068A	1M18ZS5	5077A
1BZ61	116	1D1	116(2)	1E18Z5	149A	1EZ16D5	5075A	1F00035	143A	1M3.3A25	5068A	1M18ZS10	5077A
1C0009	116	1D2	125(2)	1E18Z10	149A	1EZ16D10	5075A	1F00037	142A	1M3.3A210	5068A	1M19Z	5078A
1C0017	177	1D2C1	125(2)	1E18Z2	150A	1EZ16T10	5075A	1F00042	136A	1M3.3Z	5068A	1M19Z5	5078A
1C0020	138A	1D2C1LC2	125(2)	1E18Z5	150A	1EZ17D	5076A	1F00043	5071A	1M3.3Z5	5068A	1M19Z10	5078A
1C0025	116	1D2Z1	125(2)	1E18Z10	150A	1EZ17D5	5076A	1F00048	109	1M3.3Z55	5068A	1M19ZS5	5078A
1C0026	116	1D3.3A	5068A	1E110Z	151A	1EZ17D10	5076A	1F00060	109	1M3.3Z55	5068A	1M19ZS10	5078A
1C0029	109	1D3.6	5068A	1E110Z5	151A	1EZ18D	5077A	1F00063	5080A	1M3.3Z510	5068A	1M20Z	5079A
1C0031	116	1D3.6	134A	1E110Z10	151A	1EZ18D5	5077A	1F00065	5025A	1M3.6A23	134A	1M20Z5	5079A
1C0038	137A	1D3.6A	134A	1E1535A	229	1EZ18D10	5077A	1F00078	145A	1M3.6Z	134A	1M20ZS	5079A
1C0039	109	1D3.6B	134A	1E1535A/7825B	229	1EZ18T10	5077A	1F00085	5074A	1M3.6Z5	134A	1M20Z10	5079A
1C05	116(2)	1D3.9A	5067A	1E1535B	107	1EZ19D	5078A	1F00088	5011A	1M3.6Z10	134A	1M20ZS5	5079A
1C04580	289A	1D3.9B	5067A	1E1703E	703	1EZ19D5	5078A	1F00088	135A	1M3.6Z5	134A	1M20ZS10	5079A
1C04581	289A	1D4B1	5304	1E90021	312	1EZ19D10	5078A	1F05	116	1M3.6Z55	134A	1M22Z	5080A
1C04582	289A	1D4B41	167	1E98001	312	1EZ20D	5079A	1F2	116	1M3.6ZS10	134A	1M22Z5	5080A
1C04585	289A	1D4.3A	5068A	1EA10A	117A	1EZ20D5	5079A	1F8	125	1M3.9Z	5067A	1M22Z10	5080A
1C04588	289A	1D4.3B	5068A	1EA20B	117A	1EZ20D10	5079A	1F14A	116	1M3.9Z5	5067A	1M22ZS5	5080A
1C04844	324	1D4.7B	5069A	1EA30A	117A	1EZ20T10	5079A	1F98001	138A	1M3.9Z10	5067A	1M22ZS10	5080A
1C04848	324	1D5.1	135A	1EA40A	117A	1EZ22D	5080A	1FM2	116	1M3.9Z55	5067A	1M24Z	5081A
1C04852	324	1D5.1A	135A	1EA50A	117A	1EZ22D5	5080A	1G001240	4011B	1M4.3ZS10	5067A	1M24Z5	5081A
1C04854	324	1D5.1B	135A	1EA60A	117A	1EZ22D10	5080A	1G002380	4023B	1M4.3A25	5068A	1M24Z10	5081A
1C04977	128	1D5.6	136A	1EA70A	125	1EZ22T10	5080A	1G02	109	1M4.3Z	5068A	1M24ZS5	5081A
1C05092	289A	1D5.6A	136A	1EA80A	125	1EZ24D	5081A	1G028200	1327	1M4.3Z5	5068A	1M24ZS10	5081A
1C06443	199	1D5.6B	136A	1EA100A	125	1EZ24D5	5081A	1G028500	1150	1M4.3Z10	5068A	1M25Z	5082A
1C07085	128	1D6	116(2)	1EB10A	585A	1EZ24D10	5081A	1G038300	1337	1M4.3Z55	5068A	1M25Z5	5082A
1C07324	199	1D6.2	137A	1EB20A	585A	1EZ24T10	5081A	1G2C1	116	1M4.3ZS10	5068A	1M25Z10	5082A
1C07341	289A	1D6.2A	137A	1EB30A	5858	1EZ27D	146A	1G2Z1	116	1M4.7Z	5069A	1M25ZS5	5082A
1C07342	289A	1D6.2B	137A	1EB40A	5858	1EZ27D5	146A	1G4B41	168	1M4.7Z5	5069A	1M25ZS10	5082A
1C07352	289A	1D6.25A	137A	1EB50A	5862	1EZ27D10	146A	1G8	125	1M4.7Z10	5069A	1M27Z	146A
1C07523	123AP	1D6.25B	137A	1EB60A	5862	1EZ27T10	146A	1G100	105	1M4.7Z55	5069A	1M27Z5	146A
1C07832	286	1D8	125(2)	1EB70A	5866	1EZ30D	5084A	1GA	116	1M4.7ZS10	5069A	1M27Z10	146A
1C08281	289A	1D10	125(2)	1EB80A	5866	1EZ30D5	5084A	1GD2	109	1M5.1A23	135A	1M27ZS5	146A
1C08282	289A	1D27Z5	146A	1EB100A	5868	1EZ30D10	5084A	1GD2H	109	1M5.1A25	135A	1M27ZS10	146A
1C08289	289A	1D100	5400	1ET02	116	1EZ30T10	5084A	1GD4	109	1M5.1Z	135A	1M28-6-Z-55	146A
1C08979	280	1D101	5401	1ET05	116	1EZ33D	5087A	1H00015	116	1M5.1Z5	135A	1M36Z	5084A
1C08980	280	1D102	5402	1ET1	116	1EZ33D5	5087A	1H00016	116(4)	1M5.1Z10	135A	1M36Z5	5084A
1C09848	123A	1D103	5404	1ET2	116	1EZ33D10	5087A	1H00024	116	1M5.1ZS5	135A	1M36Z10	5084A
1C1	116(2)	1D104	5404	1ET3	116	1EZ36D	5085A	1H00031	5883	1M5.1ZS10	135A	1M36ZS5	5084A
1C2	116(2)	1D105	5405	1ET4	116	1EZ36D5	5085A	1H00036	5882	1M5.6A25	136A	1M36ZS10	5084A
1C4	116(2)	1D106	5405	1ET5	116	1EZ36D10	5085A	1H00040	116	1M5.6Z	136A	1M36Z10	147A
1C6	711	1D261	125(2)	1ET6	116	1EZ39D	5086A	1H00005	156(2)	1M5.6Z5	136A	1M36Z5	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1M62Z	149A	1M562CDN	74S573	1N64	110A	1N173	112	1N310	109	1N394	177	1N488	125
1M62Z5	149A	1M562CJN	74S573	1N64A	110A	1N191	116	1N312	109	1N400	125	1N488A	125
1M62Z10	149A	1M5513A	116	1N64B	110A	1N192	109	1N314	109	1N400B	116	1N488B	125
1M62Z55	149A	1M210	5075A	1N64G	110A	1N193	177	1N315	116	1N411B	6154	1N492	141A
1M62ZS10	149A	1M210Z5	151A	1N64GA	110A	1N194	519	1N315A	116	1N411BR	6155	1N492A	141A
1M68Z	5092A	1N1A13MA	143A	1N65	109	1N194A	177	1N316	116	1N412B	6154	1N492B	141A
1M68Z3	5092A	1N701	140A	1N65A	109	1N195	177	1N316A	116	1N412BR	6155	1N493	141A
1M68Z5	5092A	1N10	109	1N66	109	1N196	177	1N317	116	1N413B	6154	1N493A	141A
1M68Z10	5092A	1N10D-4F	116	1N66A	109	1N198	109	1N317A	116	1N413BR	6155	1N493B	141A
1M68Z55	5092A	1N21A	1N416C	1N67	109	1N198A	109	1N318	116	1N414B	177	1N497	110A
1M68ZS10	5092A	1N21B	1N416C	1N67A	109	1N198B	109	1N318A	116	1N415B	1N415C	1N498	109
1M75Z	5093A	1N21C	177	1N68	109	1N200	177	1N319	116	1N415D	1N415E	1N500	109
1M75Z3	5093A	1N21D	1N416E	1N68A	109	1N201	178MP	1N319A	116	1N416B	1N416C	1N503	116
1M75Z5	5093A	1N21E	1N416E	1N69	109	1N202	177	1N320	116	1N416D	1N416E	1N504	116
1M75Z10	5093A	1N21WE	1N416E	1N69A	109	1N203	177	1N320A	116	1N417	109	1N505	116
1M75Z55	5093A	1N22	110A	1N70	109	1N203CA	140A	1N321	116	1N418	109	1N506	116
1M75ZS10	5093A	1N23A	1N415C	1N70A	109	1N204	177	1N321A	125	1N419	109	1N507	116
1M82Z	150A	1N23B	1N415C	1N71	110A	1N204-2	5179A	1N322	125	1N431	109	1N508	116
1M82Z5	150A	1N23C	1N415C	1N72	109	1N205	177	1N322A	125	1N432	177	1N509	125
1M82Z10	150A	1N23D	1N415E	1N72G	109	1N206	178MP	1N323	116	1N432A	177	1N510	125
1M82Z 1M82Z5	150A	1N23E	1N415E	1N73	109	1N207	178MP	1N323A	116	1N432B	177	1N511	116
1M82Z55	150A	1N23WE	1N415E	1N74	109	1N208	177	1N324	116	1N433	177	1N512	116
1M82ZS10	150A	1N25A	177	1N75A	109	1N209	178MP	1N324A	116	1N433A	177	1N513	116
1M91Z	5095A	1N31A	109	1N76	110A	1N210	177	1N325	116	1N433B	177	1N514	116
1M91Z3	5095A	1N34	109	1N76A	110A	1N211	177	1N325A	116	1N434	177	1N515	116
1M91Z5	5095A	1N34(TV)	109	1N76C	110A	1N212	177	1N326	116	1N434A	177	1N516	116
1M91Z10	5095A	1N34A	109	1N76G	110A	1N213	177	1N326A	116	1N434B	177	1N517	125
1M91Z55	5095A	1N34A(MP)	110MP	1N81	109	1N214	177	1N327	116	1N435	110A	1N518	125
1M91ZS10	5095A	1N34AM	109	1N81A	109	1N215	5862	1N327A	116	1N440	116	1N519	125
1M100Z	5096A	1N34AS	109	1N82	112	1N216	125	1N328	125	1N440B	116	1N520	125
1M100Z5	5096A	1N34A-T	109	1N82A	112	1N217	177	1N328A	125	1N441	116	1N521	125
1M100Z10	5096A	1N34A-TF1	109	1N82AG	112	1N218	116	1N329	125	1N441B	116	1N522	125
1M100Z55	5096A	1N34A-Z	109	1N82D	112	1N248	5980	1N329A	125	1N442	116	1N523	125
1M100ZS10	5096A	1N34G	109	1N82G	112	1N248A	5980	1N330	178MP	1N442B	116	1N524	125
1M110Z	151A	1N34GA	109	1N84	109	1N248AR	5981	1N331	177	1N443	116	1N525	125
1M110Z3	151A	1N34M	110MP	1N86	109	1N248B	5980	1N332	5838	1N443B	116	1N526	125
1M110Z5	151A	1N34R	109	1N86AG	109	1N248BR	5981	1N332R	5839	1N444	116	1N527	110A
1M110Z10	151A	1N35	109	1N87	110A	1N248C	5986	1N333	5838	1N444A	519	1N530	116
1M110Z55	151A	1N36	109	1N87A	110A	1N248CR	5987	1N333R	5839	1N444B	116	1N531	116
1M110ZS10	151A	1N38	109	1N87G	110A	1N248R	5981	1N334	5838	1N445	116	1N532	116
1M120Z	5097A	1N38A	109	1N87GA	110A	1N248RC	5981	1N334R	5839	1N445B	116	1N533	116
1M120Z3	5097A	1N38B	109	1N87S	110A	1N249	5986	1N335	5838	1N446	110A	1N534	116
1M120Z5	5097A	1N40	110A	1N87T	110A	1N249A	5982	1N335R	5839	1N447	110A	1N535	116
1M120Z10	5097A	1N41	110A	1N88	109	1N249AR	5983	1N336	5834	1N448	116	1N536	116
1M120Z55	5097A	1N43	109	1N89	109	1N249B	5982	1N336R	5835	1N449	110A	1N537	116
1M120ZS10	5097A	1N44	109	1N90	109	1N249BR	5983	1N337	5834	1N450	116	1N538	116
1M130Z	5098A	1N45	109	1N90G	109	1N249C	5982	1N337R	5835	1N451	116	1N539	116
1M130Z3	5098A	1N45A	109	1N90GA	109	1N249CR	5983	1N338	5834	1N452	110A	1N540	116
1M130Z5	5098A	1N46	109	1N91	116	1N249R	5987	1N339	5835	1N453	116	1N541	110MP
1M130Z10	5098A	1N46A	109	1N92	116	1N250	5944	1N339R	5834	1N454	109	1N542	110MP
1M130Z55	5098A	1N47	109	1N93	116	1N250A	5986	1N339R	5835	1N455	110A	1N542MP	110MP
1M130ZS10	5098A	1N48	109	1N93A	116	1N250AR	5987	1N340	5834	1N456	177	1N543	506
1M140Z	5099A	1N48A	109	1N95	109	1N250B	5986	1N340R	5835	1N456A	177	1N543A	506
1M140Z5	5099A	1N50	109	1N96	109	1N250BR	5987	1N341	5838	1N457	177	1N544	116
1M140Z10	5099A	1N51	109	1N96A	109	1N250C	5980	1N341R	5839	1N457A	177	1N548	125
1M140Z55	5099A	1N52	109	1N97	109	1N250CR	5991	1N342	5838	1N457M	177	1N549	506
1M140ZS10	5099A	1N52A	109	1N97A	109	1N250R	5945	1N342R	5839	1N458	177	1N550	5834
1M150Z	5100A	1N54	109	1N98	109	1N250RA	5987	1N343	5838	1N458A	177	1N550R	5835
1M150Z3	5100A	1N54A	109	1N98A	109	1N250RB	5987	1N343R	5839	1N458M	177	1N551	116
1M150Z5	5100A	1N54G	109	1N99	109	1N250RC	5991	1N344	5838	1N459	177	1N551R	5835
1M150Z10	5100A	1N54GA	109	1N99A	109	1N251	177	1N344R	5839	1N459A	177	1N552	5838
1M150Z55	5100A	1N56	109	1N100	109	1N251A	177	1N345	5834	1N459M	177	1N552R	5839
1M150ZS10	5100A	1N56A	109	1N100A	109	1N252	177	1N346	5835	1N460	177	1N553	5838
1M160Z	5101A	1N57	109	1N103	110A	1N252A	177	1N346R	5834	1N460A	177	1N553R	5839
1M160Z3	5101A	1N57A	109	1N104	110A	1N253	5834	1N346R	5835	1N460B	177	1N554	5842
1M160Z5	5101A	1N58	109	1N107	110A	1N254	5834	1N347	5834	1N461	177	1N554R	5843
1M160Z10	5101A	1N58A	109	1N108	109	1N255	5838	1N347R	5835	1N461A	177	1N555	5842
1M160Z55	5101A	1N59	109	1N109	110A	1N255A	5834	1N348	5834	1N462	177	1N555R	5843
1M160ZS10	5101A	1N60(TV)	110A	1N110	112	1N256	109	1N348R	5835	1N462A	177	1N560	125
1M180Z	5103A	1N60(TV)(FA-1)	110A	1N111	109	1N266	109	1N349	5834	1N463	177	1N561	125
1M180Z3	5103A	1N60/0112-0028-6438	110A	1N112	109	1N267	110A	1N349R	5835	1N463A	177	1N562	5846
1M180Z5	5103A	1N60-5	110MP	1N113	109	1N268	109	1N350	177	1N464	177	1N562R	5847
1M180Z10	5103A	1N60-3490	110A	1N114	109	1N269	109	1N351	177	1N464A	177	1N563	5848
1M180Z55	5103A	1N60/4454C	110A	1N115	109	1N273	110A	1N352	177	1N465	5002A	1N563R	5849
1M180ZS10	5103A	1N60/7825B	110MP	1N116	109	1N276	109	1N353	178MP	1N465A	5002A	1N564	109
1M200Z	5105A	1N60A	110A	1N116A	109	1N277	109	1N354	116	1N466	5006A	1N568	177
1M200Z3	5105A	1N60AM	110A	1N117	109	1N278	109	1N355	109	1N466A	5006A	1N568A	110A
1M200Z5	5105A	1N60C	110A	1N117A	109	1N279	110A	1N356	117A	1N467	5007A	1N571	110A
1M200Z10	5105A	1N60C1	110A	1N118	109	1N281	109	1N359A	5007A	1N467A	5007A	1N596	116
1M200Z55	5105A	1N60C1	110A	1N118A	109	1N282	110A	1N360	116	1N468	5009A	1N597	125
1M200ZS10	5105A	1N60D	110A	1N119	109	1N283	110A	1N360A	116	1N468A	5009A	1N598	125
1M753A	74S187	1N60F	110A	1N120	109	1N285	109	1N361	116	1N469	5012A	1N599	116
1M5600	74S188	1N60FD1	110A	1N120A	109	1N287	109	1N361A	116	1N469A	5012A	1N599A	116
1M5600CDE	74S188	1N60FM	110A	1N120A	109	1N288	109	1N362	116	1N470	5014A	1N600	116
1M5600CJE	74S188	1N60F0M1	110A	1N124	112	1N289	109	1N362A	116	1N470A	5014A	1N600A	116
1M5600CPE	74S188	1N60FM-1	110A	1N124A	112	1N290	109	1N363	116	1N476	109	1N601	116
1M5603	74S387	1N60FMX	110A	1N125	109	1N292	109	1N363A	116	1N477	109	1N601A	116</

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
IN611R	5839	IN713A	5018A	IN757	5018A	IN840M	177	IN948	177	IN986	5051A	IN1169	116
IN611RA	5839	IN713B	139A	IN757A	5018A	IN841	177	IN949	109	IN986A	5051A	IN1169A	116
IN612	5838	IN714	5019A	IN757A-F	5018A	IN842	177	IN957	5014A	IN986B	5051A	IN1183	5980
IN612A	5838	IN714A	5019A	IN757	5018A	IN843	177	IN957A	5014A	IN987	5052A	IN1183A	5980
IN612R	5839	IN714B	5019A	IN758A	5019A	IN844	177	IN957B	5014A	IN987A	5052A	IN1183AR	5981
IN612RA	5839	IN715	5020A	IN758A-F	5019A	IN845	177	IN957B-F	5014A	IN987B	5052A	IN1183R	5981
IN613	5842	IN715A	5020A	IN759	5021A	IN846	116	IN958	5015A	IN988	5053A	IN1183RA	5981
IN613A	5842	IN716	5021A	IN759A	5021A	IN846	116	IN958A	5015A	IN988A	5053A	IN1183R	5980
IN613R	5843	IN716A	5021A	IN759A-F	5021A	IN846	116	IN958B	5015A	IN988B	5053A	IN1183TMR	5981
IN613RA	5843	IN716B	5021A	IN760	177	IN849	116	IN958B-F	5015A	IN989	5055A	IN1183TMR	5981
IN614	5842	IN717	5022A	IN761	5009A	IN850	116	IN959	5016A	IN989A	5055A	IN1183TR	5981
IN614A	5842	IN717A	5022A	IN761-1	5012A	IN851	116	IN959A	5016A	IN989B	5055A	IN1184	5982
IN614R	5843	IN718	5024A	IN761-2	5009A	IN852	116	IN959B	5016A	IN990	5056A	IN1184A	5982
IN614RA	5843	IN718A	5024A	IN761A	5009A	IN853	125	IN959B-F	5016A	IN990A	5056A	IN1184AR	5982
IN616	5863	IN718B	5024A	IN762	5012A	IN854	125	IN960	5018A	IN990B	5056A	IN1184R	5983
IN617	109	IN719	5025A	IN762-1	5011A	IN855	125	IN960A	5018A	IN991	5058A	IN1184RA	5987
IN618	109	IN719A	5025A	IN762-2	5012A	IN856	125	IN960B	5018A	IN991A	5058A	IN1184T	5987
IN619	177	IN720	5027A	IN763	5015A	IN857	116	IN960B-F	5018A	IN991B	5058A	IN1184TMR	5987
IN622	177	IN720A	5027A	IN763-1	5015A	IN858	116	IN961	5019A	IN992	5060A	IN1184TMR	5983
IN625	177	IN720B	5027A	IN763-2	5015A	IN859	116	IN961A	5019A	IN992A	5060A	IN1184TR	5983
IN625A	177	IN721	5029A	IN763-3	5015A	IN860	116	IN961B	5019A	IN992B	5060A	IN1185	5986
IN625M	177	IN721A	5029A	IN763A	5015A	IN861	116	IN961B-F	5019A	IN993	110A	IN1185A	5986
IN626	177	IN722	5030A	IN764	5017A	IN862	116	IN962	5020A	IN994	110A	IN1185AR	5987
IN626A	177	IN722A	5030A	IN764-1	5017A	IN863	116	IN962A	5020A	IN995	177	IN1185R	5987
IN626M	177	IN722B	5030A	IN764-2	5017A	IN864	125	IN962B	5020A	IN996	110A	IN1185RA	5987
IN627	177	IN723	5031A	IN764-3	5017A	IN865	125	IN962B-F	5020A	IN997	177	IN1186	5986
IN627A	177	IN723A	5031A	IN764A	5017A	IN866	125	IN963	5021A	IN998	116	IN1186A	5986
IN628	177	IN724	5033A	IN765	5019A	IN867	125	IN963A	5021A	IN999	177	IN1186AR	5987
IN628A	177	IN724A	5033A	IN765-1	5019A	IN868	116	IN963B	5021A	IN1008	116	IN1186R	5987
IN629	177	IN724B	5033A	IN765-2	5019A	IN869	116	IN963B-F	5021A	IN1028	116	IN1186RA	5987
IN629A	177	IN725	5035A	IN765A	5019A	IN870	116	IN964	5022A	IN1029	116	IN1186T	5986
IN631	109	IN726	5036A	IN766	5022A	IN871	116	IN964A	5022A	IN1030	116	IN1186TMR	5986
IN632	109	IN726A	5036A	IN766-1	5022A	IN872	116	IN964B	5022A	IN1031	116	IN1187	5990
IN633	109	IN726B	5036A	IN766-2	5022A	IN873	116	IN964B-F	5022A	IN1032	116	IN1187R	5987
IN636	109	IN726B	5036A	IN766-3	5022A	IN874	116	IN965	5024A	IN1033	116	IN1187	5990
IN643	177	IN727	5037A	IN766A	5022A	IN875	125	IN965A	5024A	IN1052	125	IN1187A	5988
IN643A	177	IN727A	5037A	IN767	5025A	IN876	125	IN965B	5024A	IN1053	125	IN1187AR	5991
IN645	116	IN728	5038A	IN767-1	5025A	IN877	125	IN965B-F	5024A	IN1054	125	IN1187R	5989
IN645A	116	IN728A	5038A	IN767-2	5025A	IN878	125	IN966	5025A	IN1055	125	IN1187RA	5989
IN645B	116	IN729	5039A	IN767-3	5025A	IN879	116	IN966A	5025A	IN1056	125	IN1187T	5988
IN646	116	IN729A	5039A	IN767A	5025A	IN880	116	IN966B	5025A	IN1057	125	IN1187TMR	5988
IN647	116	IN730	5040A	IN768	5028A	IN881	116	IN966B-F	5025A	IN1058	5850	IN1187TR	5989
IN648	116	IN730A	5040A	IN768-1	5028A	IN882	116	IN967	5027A	IN1058R	5851	IN1188	5990
IN649	116	IN731	5041A	IN768-2	5028A	IN883	116	IN967A	5027A	IN1059	5854	IN1188A	5990
IN658	177	IN731A	5041A	IN768-3	5028A	IN884	116	IN967B	5027A	IN1059R	5855	IN1188A	5990
IN658A	177	IN731B	5041A	IN768A	5028A	IN885	116	IN967B-F	5027A	IN1060	5854	IN1188AR	5991
IN658M	177	IN732	5042A	IN769	5031A	IN886	125	IN968	5029A	IN1060R	5855	IN1188R	5991
IN659	177	IN732A	5042A	IN769-1	5031A	IN887	125	IN968A	5029A	IN1061	5854	IN1188RA	5991
IN659A	177	IN732B	5042A	IN769-2	5031A	IN888	125	IN968B	5029A	IN1061R	5855	IN1188T	5990
IN660	177	IN733	5044A	IN769-3	5031A	IN889	125	IN968B-F	5029A	IN1062	5858	IN1188TMR	5990
IN660A	177	IN733A	5044A	IN769-4	5031A	IN890	177	IN969	5030A	IN1062R	5859	IN1188TMR	5991
IN661	177	IN734	5045A	IN769A	5031A	IN891	177	IN969A	5030A	IN1063	5858	IN1188TR	5991
IN661A	177	IN734A	5045A	IN770	110A	IN892	177	IN969B	5030A	IN1063R	5859	IN1189	5992
IN662	177	IN734B	5045A	IN771	109	IN893	506	IN969B-F	5030A	IN1064	5850	IN1189A	5992
IN662A	177	IN735	5046A	IN771A	109	IN897	177	IN970	5031A	IN1064R	5851	IN1189AR	5995
IN663	177	IN735A	5046A	IN771B	109	IN898	177	IN970A	5031A	IN1065	5854	IN1189R	5993
IN663A	177	IN735B	5046A	IN772A	109	IN899	177	IN970B	5031A	IN1065R	5855	IN1189RA	5993
IN663M	177	IN736	5047A	IN773	109	IN900	177	IN970B-F	5031A	IN1066	5854	IN1189T	5992
IN664	5016A	IN736A	5047A	IN773A	109	IN901	177	IN971	5033A	IN1067	5854	IN1189TMR	5992
IN665	5021A	IN736B	5047A	IN774	109	IN902	177	IN971A	5033A	IN1068	5858	IN1189TMR	5993
IN666	5024A	IN737	5049A	IN774A	109	IN903	177	IN971B	5033A	IN1078	5944	IN1189TR	5993
IN667	5027A	IN737A	5049A	IN775	109	IN903A	177	IN971B-F	5033A	IN1080	5948	IN1190	5994
IN668	5030A	IN737B	5049A	IN776	110A	IN903AM	177	IN972	5035A	IN1081	116	IN1190A	5994
IN669	5033A	IN738	5050A	IN777	109	IN903M	177	IN972A	5035A	IN1081A	116	IN1190AR	5995
IN670	5045A	IN738A	5050A	IN778	177	IN904	177	IN972B	5035A	IN1082	116	IN1190R	5995
IN671	5050A	IN738B	5050A	IN779	177	IN904A	177	IN972B-F	5035A	IN1083	116	IN1190RA	5995
IN672	5055A	IN739	5051A	IN781	110A	IN904AM	177	IN973	5036A	IN1084	116	IN1190T	5994
IN673	116	IN739A	5051A	IN788	177	IN904M	177	IN973A	5036A	IN1093	110A	IN1190TMR	5994
IN674	5009A	IN739B	5051A	IN789	177	IN905	177	IN973B	5036A	IN1095	116	IN1190TMR	5995
IN675	5013A	IN740	5052A	IN789M	177	IN905A	177	IN973B-F	5036A	IN1096	116	IN1190TMR	5995
IN676	116	IN740A	5052A	IN790	177	IN905AM	177	IN974	5037A	IN1100	116	IN1191	5980
IN677	116	IN740B	5052A	IN790M	177	IN905M	177	IN974A	5037A	IN1101	116	IN1191A	5980
IN678	116	IN741	5053A	IN791	177	IN906	177	IN974B	5037A	IN1102	116	IN1191AR	5981
IN679	116	IN741A	5053A	IN791M	177	IN906A	177	IN974B-F	5037A	IN1103	116	IN1191R	5981
IN681	116	IN741B	5053A	IN792	177	IN906AM	177	IN975	5038A	IN1104	116	IN1191RA	5981
IN682	116	IN742	5055A	IN792M	177	IN906A	177	IN975A	5038A	IN1104R	5987	IN1192	5982
IN683	116	IN742A	5055A	IN793	177	IN907	177	IN975B	5038A	IN1105	116	IN1192A	5982
IN684	116	IN742B	5055A	IN793M	177	IN907A	177	IN975B-F	5038A	IN1115	5834	IN1192AR	5987
IN685	116	IN743	5056A	IN794	177	IN907AM	177	IN976	5039A	IN1115R	5835	IN1192R	5983
IN686	116	IN743A	5056A	IN795	177	IN907M	177	IN976A	5039A	IN1116	5834	IN1192RA	5987
IN687	116	IN743B	5056A	IN796	177	IN908	177	IN976B	5039A	IN1116R	5835	IN1193	5986
IN689	116	IN744	5058A	IN797	177	IN908A	177	IN976B-F	5039A	IN1117	5838	IN1193A	5986
IN690	177	IN744A	5058A	IN798	177	IN908AM	177	IN977	5040A	IN1117R	5839	IN1193AR	5987
IN692	116	IN744B	5058A	IN799	177	IN908M	177	IN977A	5040A	IN1118	5838	IN1193R	5987
IN693	506	IN745	5060A	IN800	177	IN909	109	IN977B	5040A	IN1118R	5839	IN1193RA	5987
IN695	110A	IN745A	5060A	IN801	177	IN910	110A	IN977B-F	5040A	IN1119	5842	IN1194	5986
IN695A	110A	IN745B	5060A	IN802	177	IN911	110A	IN978	5041A	IN1119R	5843	IN1194A	5986
IN696	177	IN746	5005A	IN803	177	IN914	519	IN978A	5041A	IN1120	5842	IN1194AR	5987
IN697	177	IN746A	5005A	IN804	177								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1N1199RA	5871	1N1230R	5835	1N1343	5854	1N1361A	5200A	1N1420	5197A	1N1552	5834	1N1623	5878
1N1199RB	5871	1N1230RA	5835	1N1343A	5854	1N1361B	5200A	1N1421	5200A	1N1552R	5835	1N1624	5878
1N1200	5874	1N1230RB	5835	1N1343AR	5855	1N1361R	5200AK	1N1422	5215A	1N1553	5838	1N1630	5877
1N1200A	5874	1N1231	5838	1N1343BR	5855	1N1361A	5200AK	1N1423	5200A	1N1554	5838	1N1633	5877
1N1200AR	5875	1N1231A	5838			1N1361RB	5200AK	1N1424	5226A	1N1554	5838	1N1644	5800
1N1200B	5874	1N1231AR	5839	1N1343R	5855	1N1362	5202A	1N1425	5072A	1N1554R	5839	1N1645	5801
1N1200BR	5875	1N1231B	5838	1N1343RA	5855	1N1362A	5202A	1N1426	142A	1N1555	5842	1N1646	5802
1N1200R	5875	1N1231BR	5839	1N1343RB	5855	1N1362B	5202A	1N1427	5077A	1N1555R	5842	1N1647	5802
1N1200RA	5875	1N1231R	5839	1N1343R	5855	1N1362R	5202AK	1N1428	5077A	1N1557	5801	1N1648	5804
1N1200RB	5875	1N1231RA	5839	1N1344A	5854	1N1362RA	5202AK	1N1429	5080A	1N1557	5802	1N1649	5804
1N1201	5874	1N1231RB	5839	1N1344AR	5855	1N1362RB	5202AK	1N1430	146A	1N1558	5804	1N1650	5804
1N1201A	5874	1N1232	5838	1N1344B	5854	1N1363	5203A	1N1431	5092A	1N1559	5804	1N1651	5804
1N1201AR	5875	1N1232A	5838	1N1344BR	5855	1N1363A	5203A	1N1432	5096A	1N1560	5804	1N1652	5806
1N1201B	5875	1N1232AR	5838	1N1344R	5855	1N1363B	5203A	1N1433	5100A	1N1561	110A	1N1653	5806
1N1201BR	5875	1N1232B	5838			1N1363R	5203AK	1N1434	5980	1N1562	109	1N1654	116
1N1201R	5875	1N1232BR	5839	1N1344RB	5855	1N1363RA	5203AK	1N1434R	5981	1N1563	5801	1N1655	116
1N1201RA	5875	1N1232R	5839	1N1345	5858	1N1363RB	5203AK	1N1435	5982	1N1563A	5801	1N1656	116
1N1201RB	5875	1N1232A	5839	1N1345A	5858	1N1363R	5203A	1N1435R	5982	1N1564	5802	1N1657	116
1N1202	5874	1N1232BR	5839	1N1345AR	5859	1N1364	5204A	1N1436	5986	1N1564A	116	1N1658	116
1N1202A	5874	1N1233	5842	1N1345B	5858	1N1364B	5204A	1N1436R	5987	1N1565	5804	1N1659	116
1N1202AR	5875	1N1233A	5842	1N1345BR	5859	1N1364R	5204AK	1N1437	5990	1N1565A	116	1N1701	116
1N1202B	5874	1N1233AR	5843	1N1345R	5859	1N1364RB	5204AK	1N1437R	5991	1N1565B	5804	1N1702	116
1N1202BR	5875	1N1233A	5843	1N1345A	5859	1N1365	5205A	1N1438	5994	1N1566	116	1N1703	116
1N1202R	5875	1N1233B	5843	1N1345B	5858	1N1365A	5205A	1N1438R	5995	1N1567	5806	1N1704	116
1N1202RB	5875	1N1233R	5843			1N1365B	5205A	1N1439	116	1N1567A	116	1N1705	116
1N1202RA	5875	1N1233A	5843	1N1346A	5858	1N1365B	5205A	1N1440	116	1N1568	5806	1N1706	116
1N1202RB	5875	1N1233AR	5843	1N1346A	5858	1N1365R	5205AK	1N1441	116	1N1568A	116	1N1707	116
1N1202R	5875	1N1233B	5843	1N1346B	5858	1N1365RB	5205AK	1N1442	116	1N1569	5806	1N1708	116
1N1202RB	5875	1N1233R	5843	1N1346R	5859	1N1366	5206A	1N1443	551	1N1570	5806	1N1709	116
1N1202RA	5875	1N1233A	5843	1N1346A	5858	1N1366A	5206A	1N1443A	551	1N1571	5806	1N1710	116
1N1202RB	5875	1N1233AR	5843	1N1346B	5858	1N1366B	5206A	1N1443B	551	1N1572	5806	1N1711	116
1N1202R	5875	1N1233B	5843	1N1346R	5859	1N1366R	5206AK	1N1444	5848	1N1573	5806	1N1712	116
1N1202RB	5875	1N1233R	5843	1N1347A	5863	1N1367	5208A	1N1444A	5848	1N1574	5806	1N1713	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1444B	5848	1N1575	5806	1N1714	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1445	5834	1N1576	5806	1N1715	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1446	5834	1N1577	5806	1N1716	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1447	5834	1N1578	5806	1N1717	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1448	5838	1N1579	5806	1N1718	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1449	5838	1N1580	5806	1N1719	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1450	5834	1N1581	5806	1N1720	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1451	5834	1N1582	5806	1N1721	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1452	5838	1N1583	5806	1N1722	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1453	5838	1N1584	5806	1N1723	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1454	5838	1N1585	5806	1N1724	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1455	5838	1N1586	5806	1N1725	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1456	5838	1N1587	5806	1N1726	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1457	5838	1N1588	5806	1N1727	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1458	5838	1N1589	5806	1N1728	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1459	5838	1N1590	5806	1N1729	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1460	5838	1N1591	5806	1N1730	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1461	5838	1N1592	5806	1N1731	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1462	5838	1N1593	5806	1N1732	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1463	5838	1N1594	5806	1N1733	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1464	5838	1N1595	5806	1N1734	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1465	5838	1N1596	5806	1N1735	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1466	5838	1N1597	5806	1N1736	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1467	5838	1N1598	5806	1N1737	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1468	5838	1N1599	5806	1N1738	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1469	5838	1N1600	5806	1N1739	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1470	5838	1N1601	5806	1N1740	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1471	5838	1N1602	5806	1N1741	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1472	5838	1N1603	5806	1N1742	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1473	5838	1N1604	5806	1N1743	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1474	5838	1N1605	5806	1N1744	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1475	5838	1N1606	5806	1N1745	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1476	5838	1N1607	5806	1N1746	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1477	5838	1N1608	5806	1N1747	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1478	5838	1N1609	5806	1N1748	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1479	5838	1N1610	5806	1N1749	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1480	5838	1N1611	5806	1N1750	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1481	5838	1N1612	5806	1N1751	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1482	5838	1N1613	5806	1N1752	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1483	5838	1N1614	5806	1N1753	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1484	5838	1N1615	5806	1N1754	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1485	5838	1N1616	5806	1N1755	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1486	5838	1N1617	5806	1N1756	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1487	5838	1N1618	5806	1N1757	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1488	5838	1N1619	5806	1N1758	125
1N1202RB	5875	1N1233B	5843	1N1347R	5863	1N1367B	5208A	1N1489	5838	1N1620	5806	1N1759	125
1N1202RA	5875	1N1233R	5843	1N1347A	5863	1N1367R	5208AK	1N1490	5838	1N1621	5806	1N1760	125
1N1202RB	5875	1N1233B	5843	1N1347RB	5863	1N1367RA	5208AK	1N1491	5838	1N1622	5806	1N1761	125
1N1202RA	5875	1N1233A	5843	1N1347B	5863	1N1367A	5208A	1N1492	5838				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1N1802A	5105A	1N1844	177	1N1946	5055A	1N2027R	5835	1N2056	6354	1N2137R	6041	1N2236RA	5863
1N1803	5178A	1N1845	177	1N1946A	5055A	1N2028	5838	1N2056R	6355	1N2137RA	6041	1N2237R	5863
1N1803A	5178A	1N1846	177	1N1947	5058A	1N2028R	5839	1N2057	6354	1N2138	6040	1N2237RA	5863
1N1803AR	5178A	1N1847	177	1N1947A	5058A	1N2029	5839	1N2057R	6355	1N2138A	6040	1N2238	5862
1N1803R	5178AK	1N1875	5072A	1N1954	5007A	1N2029R	5839	1N2058	6354	1N2138AR	6041	1N2238A	5862
1N1803RA	5178AK	1N1875A	5072A	1N1954A	5052A	1N2030	5842	1N2058R	6355	1N2138R	6041	1N2238R	5863
1N1804	5180A	1N1876	140A	1N1955	5009A	1N2030R	5843	1N2059	6356	1N2138RA	6041	1N2238RA	5863
1N1804A	5180A	1N1876A	140A	1N1955A	5009A	1N2031	5842	1N2059R	6355	1N2139	6040	1N2239R	5863
1N1804AR	5180A	1N1877	142A	1N1956	5011A	1N2031R	5843	1N2060	6354	1N2139A	6040	1N2239RA	5863
1N1804R	5180AK	1N1877A	142A	1N1956A	5011A	1N2032	5069A	1N2060R	6355	1N2139AR	6041	1N2240	5866
1N1804RA	5180AK	1N1878	145A	1N1957	5014A	1N2032-2	5069A	1N2061	6354	1N2139R	6041	1N2240A	5866
1N1805	5181A	1N1878A	145A	1N1957A	5014A	1N2032A	5069A	1N2061R	6355	1N2147	5850	1N2240R	5867
1N1805A	5181A	1N1879	5077A	1N1958	5016A	1N2033-2	5070A	1N2062	6356	1N2147A	5850	1N2240RA	5867
1N1805AR	5181AK	1N1880	5080A	1N1958A	5016A	1N2033A	5070A	1N2062R	6356	1N2148	5854	1N2241R	5867
1N1805R	5181AK	1N1880A	5080A	1N1959	5019A	1N2033A	5070A	1N2063	6356	1N2148A	5854	1N2241RA	5867
1N1805RA	5181AK	1N1881	146A	1N1959A	5019A	1N2034	5071A	1N2063R	6357	1N2149	5854	1N2242	5868
1N1806	5182A	1N1881A	146A	1N1960	5021A	1N2034-2	5071A	1N2064	6356	1N2149A	5854	1N2242A	5868
1N1806A	5182A	1N1882	147A	1N1960A	5021A	1N2035	139A	1N2065	6358	1N2150	5858	1N2242R	5869
1N1806AR	5182AK	1N1882A	147A	1N1961	5023A	1N2035-1	5073A	1N2065R	6359	1N2150A	5858	1N2243R	5869
1N1806R	5182AK	1N1883	5086A	1N1961A	5023A	1N2035-2	139A	1N2066	6358	1N2151	5862	1N2243RA	5869
1N1806RA	5182AK	1N1883A	5086A	1N1962	5027A	1N2035-3	139A	1N2066R	6359	1N2151A	5858	1N2244	5870
1N1807	5183A	1N1884	5088A	1N1962A	5027A	1N2036	140A	1N2067	6359	1N2152A	5862	1N2244A	5870
1N1807A	5183AK	1N1885	5090A	1N1963	5030A	1N2036-1	139A	1N2067R	6359	1N2153	5862	1N2244R	5871
1N1807AR	5183AK	1N1885A	5090A	1N1963A	5030A	1N2036-2	140A	1N2068	6358	1N2154	5862	1N2246RA	5871
1N1807R	5183AK	1N1886	5092A	1N1964	5033A	1N2037	143A	1N2068R	6359	1N2154A	5862	1N2247	5874
1N1807RA	5183AK	1N1887	150A	1N1964A	5033A	1N2037-1	143A	1N2069	6359	1N2155	5862	1N2248	5874
1N1808	5185A	1N1887A	150A	1N1965	5036A	1N2037-2	143A	1N2070	5871	1N2155R	5862	1N2248A	5875
1N1808A	5185AK	1N1888	5086A	1N1965A	5036A	1N2038	143A	1N2070A	5871	1N2156	5862	1N2248R	5875
1N1808AR	5185AK	1N1888A	5086A	1N1966	5038A	1N2038-1	143A	1N2071	5871	1N2156R	5862	1N2249	5875
1N1808R	5185AK	1N1889	5223A	1N1967	5040A	1N2038-2	143A	1N2071A	5871	1N2157	5888	1N2249A	5875
1N1808RA	5185AK	1N1890	5226A	1N1968	5040A	1N2038-3	143A	1N2072	5888	1N2157R	5888	1N2250	5874
1N1809	5222A	1N1891	5183A	1N1969	5045A	1N2039	5075A	1N2073	5888	1N2158	5891	1N2250A	5874
1N1809A	5222A	1N1891A	5183A	1N1970	5047A	1N2039-1	5075A	1N2074	5891	1N2159	5892	1N2250RA	5875
1N1809AR	5222AK	1N1892	5186A	1N1971	5050A	1N2039-2	5075A	1N2075	5892	1N2159R	5892	1N2251R	5875
1N1809R	5222AK	1N1892A	5186A	1N1971A	5050A	1N2039-3	5075A	1N2076	5892	1N2160	5892	1N2251RA	5875
1N1810	5223A	1N1893	5078A	1N1972	5050A	1N2039-4	5075A	1N2077	5892	1N2160R	5892	1N2252	5878
1N1810A	5223A	1N1894	5191A	1N1973	5050A	1N2040	5081A	1N2078	5892	1N2161	5892	1N2252A	5878
1N1810AR	5223AK	1N1894A	5191A	1N1974	5050A	1N2040-1	5080A	1N2079	5892	1N2162	5892	1N2252R	5879
1N1810R	5223AK	1N1895	5194A	1N1975	5050A	1N2040-2	5080A	1N2080	5892	1N2163	5892	1N2253RA	5879
1N1810RA	5223AK	1N1895A	5194A	1N1976	5050A	1N2040-3	5080A	1N2081	5892	1N2164	5892	1N2254	5878
1N1811	5224A	1N1896	5197A	1N1977	5050A	1N2040-4	5080A	1N2082	5892	1N2165	5892	1N2254A	5878
1N1811A	5224A	1N1896A	5197A	1N1978	5050A	1N2041	5176AK	1N2083	5892	1N2166	5892	1N2255A	5878
1N1811AR	5224AK	1N1897	5200A	1N1979	5050A	1N2041-1	5176AK	1N2084	5892	1N2167	5892	1N2255R	5878
1N1811R	5224AK	1N1897A	5200A	1N1980	5050A	1N2041-2	5176AK	1N2085	5892	1N2168	5892	1N2256A	5882
1N1811RA	5224AK	1N1898	5203A	1N1981	5050A	1N2041-3	5176AK	1N2086	5892	1N2169	5892	1N2256R	5882
1N1812	5226A	1N1898A	5203A	1N1982	5050A	1N2041-4	5176AK	1N2087	5892	1N2170	5892	1N2257A	5882
1N1812A	5226A	1N1899	5205A	1N1983	5050A	1N2042	5178AK	1N2088	5892	1N2171	5892	1N2257R	5882
1N1812AR	5226AK	1N1899A	5205A	1N1984	5050A	1N2042-1	5178AK	1N2089	5892	1N2172	5892	1N2258	5882
1N1812R	5226AK	1N1900	5208A	1N1985	5050A	1N2042-2	5178AK	1N2090	5892	1N2173	5892	1N2258A	5882
1N1812RA	5226AK	1N1900A	5208A	1N1986	5050A	1N2042-3	5178AK	1N2091	5892	1N2174	5892	1N2258R	5882
1N1813	5227A	1N1901	5212A	1N1987	5050A	1N2043	5181AK	1N2092	5892	1N2175	5892	1N2259A	5882
1N1813A	5227A	1N1901A	5212A	1N1988	5050A	1N2043-1	5181AK	1N2093	5892	1N2176	5892	1N2259R	5882
1N1813AR	5227AK	1N1902	5215A	1N1989	5050A	1N2043-2	5181AK	1N2094	5892	1N2177	5892	1N2260	5887
1N1813R	5227AK	1N1902A	5215A	1N1990	5050A	1N2043-3	5181AK	1N2095	5892	1N2178	5892	1N2260A	5887
1N1813RA	5227AK	1N1903	5217A	1N1991	5050A	1N2043-4	5181AK	1N2096	5892	1N2179	5892	1N2260R	5887
1N1814	5230A	1N1903A	5217A	1N1992	5050A	1N2044	5184AK	1N2097	5892	1N2180	5892	1N2261	5892
1N1814A	5230A	1N1904	5221A	1N1993	5050A	1N2044-1	5184AK	1N2098	5892	1N2181	5892	1N2261A	5892
1N1814AR	5230AK	1N1904A	5221A	1N1994	5050A	1N2044-2	5184AK	1N2099	5892	1N2182	5892	1N2261R	5892
1N1814R	5230AK	1N1905	5223A	1N1995	5050A	1N2044-3	5184AK	1N2100	5892	1N2183	5892	1N2262	5892
1N1814RA	5230AK	1N1906	5226A	1N1996	5050A	1N2044-4	5184AK	1N2101	5892	1N2184	5892	1N2262A	5892
1N1815	5232A	1N1907	125	1N1997	5050A	1N2045	5186AK	1N2102	5892	1N2185	5892	1N2262R	5892
1N1815A	5232A	1N1908	125	1N1998	5050A	1N2045-1	5186AK	1N2103	5892	1N2186	5892	1N2263	5892
1N1815AR	5232AK	1N1909	125	1N1999	5050A	1N2045-2	5186AK	1N2104	5892	1N2187	5892	1N2263A	5892
1N1815R	5232AK	1N1910	125	1N2000	5055A	1N2045-3	5186AK	1N2105	5892	1N2188	5892	1N2263R	5892
1N1815RA	5232AK	1N1911	125	1N2000A	5055A	1N2046	5187AK	1N2106	5892	1N2189	5892	1N2264	5892
1N1816	5189A	1N1912	125	1N2001	5058A	1N2046-1	5187AK	1N2107	5892	1N2190	5892	1N2264A	5892
1N1816A	5189A	1N1913	125	1N2001A	5058A	1N2046-2	5187AK	1N2108	5892	1N2191	5892	1N2264R	5892
1N1816AR	5189A	1N1914	125	1N2002	5058A	1N2046-3	5187AK	1N2109	5892	1N2192	5892	1N2265	5892
1N1817	5191A	1N1915	125	1N2003	5058A	1N2047	5192AK	1N2110	5892	1N2193	5892	1N2265A	5892
1N1817A	5191A	1N1916	125	1N2004	5058A	1N2047-1	5191AK	1N2111	5892	1N2194	5892	1N2265R	5892
1N1818	5192A	1N1917	5850	1N2005	5058A	1N2047-2	5191AK	1N2112	5892	1N2195	5892	1N2266	5892
1N1818A	5192A	1N1918	5850	1N2006	5058A	1N2047-3	5191AK	1N2113	5892	1N2196	5892	1N2266A	5892
1N1818AR	5192AK	1N1919	5850	1N2007	5058A	1N2047-4	5191AK	1N2114	5892	1N2197	5892	1N2266R	5892
1N1819	5194A	1N1920	5007A	1N2008	5058A	1N2048	5192AK	1N2115	5892	1N2198	5892	1N2267	5892
1N1819A	5194A	1N1921	5007A	1N2009	5058A	1N2048-1	5192AK	1N2116	5892	1N2199	5892	1N2267A	5892
1N1820	5196A	1N1922	5009A	1N2010	5058A	1N2048-2	5192AK	1N2117	5892	1N2200	5892	1N2267R	5892
1N1820A	5196A	1N1923	5011A	1N2011	5058A	1N2048-3	5192AK	1N2118	5892	1N2201	5892	1N2268	5892
1N1821	5197A	1N1924	5011A	1N2012	5058A	1N2048-4	5192AK	1N2119	5892	1N2202	5892	1N2268A	5892
1N1821A	5197A	1N1925	5011A	1N2013	5058A	1N2049	5192AK	1N2120	5892	1N2203	5892	1N2268R	5892
1N1822	5198A	1N1926	5011A	1N2014	5058A	1N2049-1	5192AK	1N2121	5892	1N2204	5892	1N2269	5892

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1N2291A	5838	1N2457R	6043	1N2555	5848 ♦	1N2860	5116	1N2982	5194A	1N2996RA	5209A	1N3011A	5226A
1N2291AR	5839	1N2458	6020	1N2556	5848 ♦	1N2860A	5116	1N2982A	5194A	1N2996RB	5210AK	1N3011AR	5226AK
1N2291R	5839	1N2458R	6021	1N2557	5866 ♦	1N2861	5116	1N2982B	5194A	1N2997	5210A	1N3011B	5226A
1N2291RA	5839	1N2459	6022	1N2558	5866 ♦	1N2861A	5116	1N2982R	5194AK	1N2997A	5210A	1N3011BR	5226AK
1N2292A	5838	1N2459R	6023	1N2559	5868 ♦	1N2862	5116	1N2982RA	5194AK	1N2997AR	5210AK	1N3011R	5226AK
1N2292AR	5839	1N2460	6026	1N2560	5868 ♦	1N2862A	5116	1N2983	5195A	1N2997B	5210A	1N3011RA	5226AK
1N2292R	5839	1N2460R	6027	1N2561	5866 ♦	1N2863	5116	1N2983A	5195A	1N2997BR	5210AK	1N3011RB	5226AK
1N2292RA	5839	1N2461	6026	1N2562	5866 ♦	1N2863A	5116	1N2983AR	5195AK	1N2997R	5210AK	1N3012	5227A
1N2293A	5838	1N2461R	6027	1N2563	5868 ♦	1N2864	5116	1N2983B	5195A	1N2997RA	5210AK	1N3012A	5227A
1N2293AR	5839	1N2462	6034	1N2564	5868 ♦	1N2864A	5116	1N2983BR	5195AK	1N2997RB	5210AK	1N3012AR	5227AK
1N2293R	5839	1N2462R	6035	1N2565	5850 ♦	1N2865	525	1N2983R	5195AK	1N2998	5211A	1N3012B	5227A
1N2293RA	5839	1N2463	6035	1N2566	5854 ♦	1N2866	525	1N2983RA	5195AK	1N2998A	5211A	1N3012BR	5227AK
1N2323	116	1N2463R	6035	1N2567	5854 ♦	1N2867	5808	1N2983RB	5195AK	1N2998AR	5211AK	1N3012R	5227AK
1N2326	OBS-NLA	1N2464	6034	1N2568	5858 ♦	1N2868	5809	1N2984	5196A	1N2998B	5211A	1N3012RA	5227AK
1N2327	506	1N2464R	6035	1N2569	5858 ♦	1N2878	125	1N2984A	5196A	1N2998BR	5211AK	1N3012RB	5227AK
1N2348	5830	1N2465	6034	1N2570	5862 ♦	1N2879	125	1N2984AR	5196AK	1N2998R	5211A	1N3013	5229A
1N2348R	5831	1N2465R	6035	1N2571	5862 ♦	1N2880	125	1N2984B	5196A	1N2998RA	5211A	1N3013A	5229A
1N2349	5834	1N2466	6040	1N2572	5866 ♦	1N2881	125	1N2984BR	5196AK	1N2998RB	5211AK	1N3013AR	5229AK
1N2349R	5835	1N2466R	6041	1N2573	5866 ♦	1N2882	125	1N2984R	5196AK	1N2999	5212A	1N3013B	5229A
1N2350	5834	1N2467	6040	1N2574	5868 ♦	1N2883	125	1N2984RA	5196AK	1N2999A	5212A	1N3013BR	5229AK
1N2350R	5835	1N2467R	6041	1N2575	5868 ♦	1N2884	506	1N2984RB	5196AK	1N2999AR	5212AK	1N3013R	5228AK
1N2357	506	1N2468	6042	1N2576	5870 ♦	1N2885	506	1N2985	5197A	1N2999B	5212A	1N3013RA	5228AK
1N2372	5848	1N2468R	6043	1N2577	5874 ♦	1N2886	5181A	1N2985A	5197A	1N2999BR	5212AK	1N3013RB	5228AK
1N2373	125	1N2469	6042	1N2578	5874 ♦	1N2887	5181A	1N2985AR	5187AK	1N2999R	5212AK	1N3014	5230A
1N2374	125	1N2469R	6043	1N2579	5878 ♦	1N2888	5181AK	1N2985B	5197A	1N2999RA	5212AK	1N3014A	5230AK
1N2387	5084A	1N2473	177	1N2580	5878 ♦	1N2889	5181A	1N2985BR	5197AK	1N2999RB	5212AK	1N3014AR	5230AK
1N2390	5800	1N2482	116	1N2581	5882 ♦	1N2890	5181AK	1N2985R	5197AK	1N3000	5214A	1N3014B	5230A
1N2391	5801	1N2483	116	1N2582	5882 ♦	1N2891	5181AK	1N2985RA	5197AK	1N3000A	5214A	1N3014BR	5230AK
1N2392	5802	1N2484	116	1N2583	5886 ♦	1N2892	5181A	1N2985RB	5197AK	1N3000B	5214A	1N3014R	5230AK
1N2393	5804	1N2485	116	1N2584	5886 ♦	1N2893	5181A	1N2986	5198A	1N3000R	5214A	1N3014RB	5230AK
1N2394	5804	1N2486	116	1N2585	5890 ♦	1N2894	5182A	1N2986A	5198A	1N3000BR	5214AK	1N3015	5232A
1N2395	5806	1N2487	116	1N2586	5890 ♦	1N2895	5182A	1N2986AR	5198AK	1N3000RB	5214AK	1N3015A	5232AK
1N2396	5806	1N2488	116	1N2587	5870 ♦	1N2896	5182AK	1N2986B	5198A	1N3000RA	5214AK	1N3015AR	5232AK
1N2397	5808	1N2489	116	1N2588	5874 ♦	1N2897	5182AK	1N2986BR	5198AK	1N3000RB	5214AK	1N3015B	5232A
1N2398	5808	1N2491	5850	1N2589	5874 ♦	1N2898	5182AK	1N2986R	5198AK	1N3001	5215A	1N3015BR	5232AK
1N2399	5800	1N2491R	5851	1N2590	5878 ♦	1N2899	5182AK	1N2986RA	5198AK	1N3001A	5215A	1N3015R	5232AK
1N2400	5801	1N2492	5854	1N2591	5878 ♦	1N2900	5182AK	1N2986RB	5198AK	1N3001AR	5215A	1N3015RA	5232AK
1N2401	5802	1N2492R	5855	1N2592	5882 ♦	1N2901	5182AK	1N2987	5198A	1N3001BR	5215A	1N3015RB	5232AK
1N2402	5804	1N2493	5854	1N2593	5882 ♦	1N2902	5182A	1N2987A	5198AK	1N3001R	5215A	1N3016	5071A
1N2403	5804	1N2493R	5855	1N2594	5886 ♦	1N2903	5183A	1N2987AR	5198AK	1N3001RB	5215A	1N3016A	5071A
1N2404	5806	1N2494	5858	1N2595	5886 ♦	1N2904	5183AK	1N2987B	5199A	1N3001RA	5215AK	1N3016B	5071A
1N2405	5806	1N2494R	5859	1N2596	5890 ♦	1N2905	5183A	1N2987BR	5199AK	1N3001RB	5215AK	1N3017	138A
1N2406	5808	1N2495	5858	1N2597	5890 ♦	1N2906	5183A	1N2987R	5199AK	1N3002	5216A	1N3017A	138A
1N2407	5808	1N2495R	5859	1N2598	5870 ♦	1N2907	5183AK	1N2987RA	5199AK	1N3002A	5216A	1N3017B	138A
1N2408	5800	1N2496	5862	1N2599	5874 ♦	1N2908	5183AK	1N2987RB	5199AK	1N3002AR	5216AK	1N3018	5072A
1N2409	5801	1N2496R	5863	1N2600	5874 ♦	1N2909	5183AK	1N2988	5200A	1N3002BR	5216A	1N3018A	5072A
1N2410	5802	1N2497	5862	1N2601	5878 ♦	1N2910	5185A	1N2988A	5200A	1N3002R	5216A	1N3018B	5072A
1N2411	5804	1N2497R	5863	1N2602	5878 ♦	1N2911	5185A	1N2988AR	5200AK	1N3002RB	5216A	1N3019	139A
1N2412	5804	1N2498	5186A	1N2603	5882 ♦	1N2912	5185A	1N2988B	5200A	1N3002RA	5216AK	1N3019A	139A
1N2413	5806	1N2498A	5186A	1N2604	5882 ♦	1N2913	5185A	1N2988BR	5200AK	1N3002RB	5216AK	1N3020	140A
1N2414	5806	1N2498R	5186AK	1N2605	5886 ♦	1N2914	5185A	1N2988R	5200AK	1N3003	5217A	1N3020A	140A
1N2415	5808	1N2498RA	5186AK	1N2606	5886 ♦	1N2915	5185A	1N2988RA	5200AK	1N3003A	5217A	1N3020B	140A
1N2416	5808	1N2499	5187A	1N2607	5890 ♦	1N2916	5186A	1N2988RB	5200AK	1N3003AR	5217AK	1N3021	5074A
1N2426	6154	1N2499A	5187A	1N2608	5890 ♦	1N2917	5186A	1N2989	5202A	1N3003B	5217A	1N3021A	5074A
1N2426R	6155	1N2499AR	5187AK	1N2609	5890 ♦	1N2918	5186A	1N2989A	5202A	1N3003BR	5217AK	1N3021B	5074A
1N2427	6154	1N2499R	5187AK	1N2610	5890 ♦	1N2919	5186A	1N2989AR	5202AK	1N3003R	5217A	1N3022	142A
1N2427R	6155	1N2499RA	5187AK	1N2611	5890 ♦	1N2920	5186A	1N2989AR	5202AK	1N3003RB	5217AK	1N3022A	142A
1N2428	6154	1N2500	5188A	1N2612	5890 ♦	1N2921	5186A	1N2989BR	5202AK	1N3004	5219A	1N3022B	142A
1N2428R	6155	1N2500A	5188A	1N2613	5890 ♦	1N2922	5187A	1N2989BR	5202AK	1N3004A	5219A	1N3023	143A
1N2429	6154	1N2500AR	5188AK	1N2614	5890 ♦	1N2923	5187A	1N2989B	5202AK	1N3004AR	5219AK	1N3023A	143A
1N2429R	6155	1N2500R	5188AK	1N2615	5890 ♦	1N2924	5187A	1N2989A	5202A	1N3004A	5219AK	1N3023B	143A
1N2430	6154	1N2500RA	5188AK	1N2616	5890 ♦	1N2925	5187A	1N2989AR	5202AK	1N3004AR	5219AK	1N3024	145A
1N2431	6155	1N2501	525	1N2617	5890 ♦	1N2926	5187A	1N2989A	5202A	1N3004B	5219AK	1N3024A	145A
1N2431R	6155	1N2502	525	1N2618	5890 ♦	1N2927	5187A	1N2989B	5202AK	1N3004BR	5219AK	1N3024B	145A
1N2432	6154	1N2503	525	1N2619	5890 ♦	1N2928	5187A	1N2989BR	5202AK	1N3004R	5219AK	1N3025	5075A
1N2432R	6155	1N2504	525	1N2620	5890 ♦	1N2929	5187A	1N2989R	5202AK	1N3004RB	5219AK	1N3025A	5075A
1N2433	6154	1N2505	525	1N2621	5890 ♦	1N2930	5187A	1N2989RA	5202AK	1N3005	5220A	1N3025B	5075A
1N2433R	6155	1N2506	525	1N2622	5890 ♦	1N2931	5187A	1N2989A	5202A	1N3005A	5220A	1N3026	5077A
1N2434	6156	1N2507	525	1N2623	5890 ♦	1N2932	5187A	1N2989B	5202A	1N3005AR	5220A	1N3026A	5077A
1N2434R	6157	1N2508	525	1N2624	5890 ♦	1N2933	5187A	1N2989BR	5202AK	1N3005B	5220A	1N3026B	5077A
1N2435	6157	1N2512	5834	1N2625	5890 ♦	1N2934	5187A	1N2989R	5202AK	1N3005BR	5220AK	1N3027	5079A
1N2435R	6157	1N2512R	5835	1N2626	5890 ♦	1N2935	5187A	1N2989A	5204A	1N3005R	5220AK	1N3027A	5079A
1N2436	6154	1N2513	5835	1N2627	5890 ♦	1N2936	5187A	1N2989AR	5204AK	1N3005RA	5220AK	1N3027B	5079A
1N2436R	6155	1N2513R	5835	1N2628	5890 ♦	1N2937	5187A	1N2989BR	5204AK	1N3005RB	5220AK	1N3028	5080A
1N2437	6154	1N2514	5838	1N2629	5890 ♦	1N2938	5187A	1N2989R	5204AK	1N3006	5221A	1N3028A	5080A
1N2437R	6155	1N2514R	5839	1N2630	5890 ♦	1N2939	5187A	1N2989A	5204AK	1N3006A	5221A	1N3028B	5080A
1N2438	6154	1N2515	5839	1N2631	5890 ♦	1N2940	5187A	1N2989AR	5204AK	1N3006AR	5221AK	1N3029	5081A
1N2438R	6155	1N2515R	5839	1N2632	5890 ♦	1N2941	5187A	1N2989B	5204AK	1N3006B	5221A	1N3029A	5081A
1N2439	6154	1N2516	5842	1N2633	5890 ♦	1N2942	5187A	1N2989BR	5204AK	1N3006BR	5221AK	1N3030	146A
1N2439R	6155	1N2516R	5843	1N2634	5890 ♦	1N2943	5187A	1N2989R</					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1N3041A	5093A	1N3167R	6355	1N3271	6358	1N3314	5257A	1N3333A	5277A	1N3441	5144A	1N3618	5916
1N3041B	5093A	1N3167RA	6355	1N3271R	6358	1N3314A	5257A	1N3333B	5277A	1N3442	5144A	1N3618R	5917
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1N3045B	5097A	1N3170A	6356	1N3287	110A	1N3316A	5259A	1N3335B	5280A	1N3454	5144A	1N3624R	5911
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1N3046A	5097A	1N3170R	6357	1N3287W	110A	1N3316R	5259AK	1N3335RA	5280AK	1N3456	5148A	1N3625R	116
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1N3071	177	1N3195	616	1N3294	6158	1N3321	5264A	1N3340A	5285A	1N3483	5185A	1N3640R	5889
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1N3073	116	1N3197	616	1N3294AR	6159	1N3321B	5264A	1N3340R	5285AK	1N3485	5187A	1N3641R	5891
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1N3075	116	1N3204	616	1N3295	6158	1N3321RA	5264AK	1N3340RB	5285AK	1N3487	5189A	1N3642R	5893
1N3076	116	1N3206	616	1N3295A	6158	1N3321RB	5264AK	1N3341	5286A	1N3488	5190A	1N3643	5894
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1N3079	116	1N3209	5944	1N3296	6162	1N3322B	5265A	1N3341R	5286AK	1N3491	5193A	1N3644R	5897
1N3080	116	1N3209A	5944	1N3296A	6162	1N3322R	5265AK	1N3341RA	5286AK	1N3492	5194A	1N3645	5898
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1N3121	109	1N3232	125	1N3306R	5248AK	1N3325RA	5269AK	1N3344RB	5289AK	1N3511	5213A	1N3654R	5917
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1N3124	177	1N3238	116	1N3307	5249A	1N3326A	5270A	1N3345B	5290A	1N3514	5216A	1N3656	5920
1N3125	110A	1N3239	116	1N3307A	5249A	1N3326B	5270A	1N3345R	5290AK	1N3515	5217A	1N3656R	5921
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1N3142	5940	1N3243	125	1N3307RB	5249AK	1N3327	5271A	1N3346A	5291A	1N3519	5221A	1N3658R	5925
1N3146	109	1N3244	506	1N3308	5251A	1N3327A	5271A	1N3346B	5291A	1N3520	5222A	1N3659	5926
1N3147	177	1N3246	116</										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1N3693A	5086A	1N3777	5998	1N3825	5069A	1N3909MR	6007	1N4002L	116	1N4050R	6355	1N4181A	149A
1N3693B	5086A	1N3785	5120A	1N3825A	5069A	1N3909R	6007	1N4002TA	116	1N4051R	6357	1N4181B	149A
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1N3694A	5087A	1N3785B	5120A	1N3826A	135A	1N3910M	6006	1N4003GP	116	1N4052R	6357	1N4182A	5092A
1N3694B	5087A	1N3786	5121A	1N3827	136A	1N3910MR	6007	1N4003LF	116	1N4053	6358	1N4182B	5092A
1N3695	5088A	1N3786A	5121A	1N3827A	136A	1N3910R	6007	1N4003PX	116	1N4053R	6359	1N4183	5093A
1N3695A	5088A	1N3786B	5121A	1N3828	137A	1N3911	6006	1N4003RL	116	1N4054	6358	1N4183A	5093A
1N3695B	5088A	1N3787	5122A	1N3828A	137A	1N3911M	6006	1N4003TA	116	1N4054R	6359	1N4183B	5093A
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1N3697	5090A	1N3788A	5124A	1N3830A	138A	1N3912M	6008	1N4005BP	116	1N4056R	6359	1N4185	5095A
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1N3698A	149A	1N3789B	5125A	1N3867	5804	1N3913M	6008	1N4009	519	1N4092	178MP	1N4186A	5096A
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1N3722	177	1N3802A	5143A	1N3883MR	5821	1N3975	6158	1N4025A	5196A	1N4160B	5072A	1N4201A	5189A
1N3723	506	1N3803	5144A	1N3883R	5821	1N3975R	6159	1N4025B	5196A	1N4161	139A	1N4202	5190A
1N3724	506	1N3803A	5144A	1N3883RA	5821	1N3976	6354	1N4026	5197A	1N4161A	139A	1N4202A	5190A
1N3725	506	1N3803B	5144A	1N3889	5818	1N3976R	6355	1N4026A	5197A	1N4161B	139A	1N4203	5191A
1N3726	525	1N3804	5145A	1N3889A	5818	1N3977	6355	1N4027	5198A	1N4162	140A	1N4203A	5191A
1N3726A	135A	1N3804A	5145A	1N3889AR	5819	1N3977R	6355	1N4027A	5198A	1N4162A	140A	1N4204	5192A
1N3727	525	1N3804B	5145A	1N3889M	5818	1N3978	6356	1N4027A	5198A	1N4162B	140A	1N4204A	5192A
1N3729	552	1N3805	5146A	1N3889MR	5819	1N3978R	6357	1N4027B	5198A	1N4163	5074A	1N4205	5193A
1N3731	177	1N3805A	5146A	1N3889R	5819	1N3981	5802	1N4028	5200A	1N4163A	5074A	1N4205A	5193A
1N3732	135A	1N3805B	5146A	1N3889RA	5819	1N3982	5804	1N4028A	5200A	1N4163B	5074A	1N4206	5194A
1N3735	635A	1N3806	5147A	1N3890	5818	1N3983	5806	1N4028B	5200A	1N4164	142A	1N4206A	5194A
1N3735R	6355	1N3806A	5147A	1N3890A	5818	1N3984	5178AK	1N4029	5202A	1N4164A	142A	1N4207	5195A
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1N3736R	6355	1N3807	5148A	1N3890M	5818	1N3985	5203A	1N4030	5203A	1N4165	143A	1N4207B	5196A
1N3737	635A	1N3807A	5148A	1N3890MR	5819	1N3985A	5179AK	1N4030A	5203A	1N4165A	143A	1N4208A	5196A
1N3737R	635A	1N3807B	5148A	1N3890R	5819	1N3986	5180AK	1N4030B	5203A	1N4165B	143A	1N4209	5197A
1N3738	635A	1N3808	5150A	1N3890AR	5819	1N3986A	5180AK	1N4031	5204A	1N4166	145A	1N4209A	5197A
1N3738R	6355	1N3808A	5150A	1N3891	5818	1N3987	5866	1N4031A	5204A	1N4166A	145A	1N4210	5198A
1N3739	6356	1N3808B	5150A	1N3891A	5819	1N3987R	5867	1N4031B	5204A	1N4166B	145A	1N4210A	5198A
1N3739R	6357	1N3809	5151A	1N3891M	5819	1N3988	5866	1N4032	5205A	1N4167	5075A	1N4211	5199A
1N3740	6356	1N3809A	5151A	1N3891MR	5819	1N3988R	5867	1N4032A	5205A	1N4167A	5075A	1N4211A	5199A
1N3740R	6357	1N3809B	5151A	1N3891R	5819	1N3989	5868	1N4032B	5205A	1N4167B	5075A	1N4212	5200A
1N3741	6358	1N3810	5152A	1N3891R	5819	1N3989R	5869	1N4033	5206A	1N4168	5077A	1N4212A	5200A
1N3741R	6359	1N3810A	5152A	1N3891RA	5819	1N3990	5868	1N4033A	5206A	1N4168A	5077A	1N4213	5202A
1N3742	6359	1N3810B	5152A	1N3892	5820	1N3990R	5869	1N4034	5208A	1N4168B	5077A	1N4213A	5202A
1N3742R	6359	1N3811	5153A	1N3892A	5821	1N3991	110A	1N4034A	5208A	1N4169	5079A	1N4214	5203A
1N3743	6362	1N3811A	5153A	1N3892AR	5821	1N3993	5174AK	1N4034B	5208A	1N4169A	5079A	1N4214A	5203A

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
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1N4233	5224A	1N4325	5072A	1N4372	5004A	1N4435	5105A	1N4556A	5248A	1N4755A	5087A	1N4853B	5152A
1N4233A	5224A	1N4325A	5072A	1N4372A	5004A	1N4435A	5105A	1N4556B	5248A	1N4756	5088A	1N4854	5153A
1N4234	5225A	1N4325B	5072A	1N4375	177	1N4435B	5105A	1N4556R	5248AK	1N4756A	5088A	1N4854A	5153A
1N4234A	5225A	1N4326	139A	1N4382	177	1N4444	519	1N4556RA	5248AK	1N4757	5089A	1N4854B	5153A
1N4235	5226A	1N4326A	139A	1N4383	116	1N4446	519	1N4556RB	5248AK	1N4757A	5089A	1N4855	5155A
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1N4236	5227A	1N4327	140A	1N4385	116	1N4448	519	1N4585	5808	1N4758A	5090A	1N4855B	5155A
1N4236A	5227A	1N4327A	140A	1N4386	178MP	1N4449	519	1N4586	5809	1N4759	149A	1N4856	5156A
1N4237	5229A	1N4327B	140A	1N4392	177	1N4450	177	1N4587	6154	1N4759A	149A	1N4856A	5156A
1N4237A	5229A	1N4328	5074A	1N4395	177	1N4453	177	1N4587R	6155	1N4760	5092A	1N4856B	5156A
1N4238	5230A	1N4328A	5074A	1N4395A	177	1N4454	519	1N4588	6154	1N4760A	5092A	1N4857	5157A
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1N4239	5232A	1N4329	142A	1N4400A	5071A	1N4458	5890	1N4589	6154	1N4761A	5093A	1N4857B	5157A
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1N4241	5179A	1N4330	143A	1N4401A	138A	1N4459R	5869	1N4590R	6155	1N4763	5095A	1N4858B	5158A
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1N4245	116	1N4331	145A	1N4402A	5072A	1N4462	5121A	1N4592	6156	1N4764A	5096A	1N4859B	5159A
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1N4251	125	1N4333	5077A	1N4404A	140A	1N4468	5128A	1N4606	519	1N4789A	612	1N4863	177
1N4252	506	1N4333A	5077A	1N4404B	140A	1N4469	5130A	1N4609	613	1N4792	613	1N4878	6154
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1N4280A	5212A	1N4349	150A	1N4420A	5088A	1N4516	110A	1N4673	5113A	1N4855	5148A	1N4972	5138A
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1N4283	5216A	1N4350B	5095A	1N4422	5090A	1N4521	110A	1N4678	5118A	1N4860	5153A	1N4977	5143A
1N4283A	5216A	1N4351	5096A	1N4422A	5090A	1N4522	110A	1N4679	5119A	1N4861	5154A	1N4978	5144A
1N4284	5217A	1N4351A	5096A	1N4423	14								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
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1N5015A	5119A	1N5093	5153A	1N5236A	5015A	1N5274B	5053A	1N5361A	5139A	1N5412	117A	1N5545A	5035A
1N5016A	5119A	1N5094	5153A	1N5236B	5015A	1N5275	5054A	1N5361B	5139A	1N5413	177	1N5545B	5035A
1N5016	5120A	1N5095	5155A	1N5237	5016A	1N5275A	5054A	1N5362	5140A	1N5414	177	1N5546	5036A
1N5016A	5120A	1N5096	5157A	1N5237A	5016A	1N5275B	5054A	1N5362A	5140A	1N5415	580	1N5546A	5036A
1N5017	5121A	1N5097	5158A	1N5237B	5016A	1N5276	5055A	1N5362B	5140A	1N5416	580	1N5546B	5036A
1N5017A	5121A	1N5098	5159A	1N5238	5017A	1N5276A	5055A	1N5363	5141A	1N5417	580	1N5547	5037A
1N5018	5122A	1N5099	5160A	1N5238A	5017A	1N5276B	5055A	1N5363A	5141A	1N5418	580	1N5548	5038A
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1N5056	116	1N5224	5003A	1N5262A	5041A	1N5349B	5127A	1N5387A	5165A	1N5490	580	1N5620	5110A
1N5057	116	1N5224A	5003A	1N5									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1N5594	5105A	1N5756	5045A	1N5884B	5047A	1N5941A	5146A	1N6012B	5036A	1N7003	116	1P720	5897
1N5594A	5105A	1N5756B	5045A	1N5885A	5048A	1N5941B	5146A	1N6013A	5037A	1N7003P1	116	1R0	177
1N5594B	5105A	1N5757B	5046A	1N5885B	5048A	1N5942A	5147A	1N6013B	5037A	1N7003P2	116	1R01	116
1N5605	177	1N5758	6406S	1N5886A	5049A	1N5942B	5147A	1N6014A	5038A	1N7003P3	116	1R1D	116
1N5606	177	1N5758A	6406S	1N5886B	5049A	1N5942B	5147A	1N6014B	5038A	1N7004	116	1R1K	116
1N5607	177	1N5759	6407	1N5887A	5050A	1N5943	5148A	1N6015A	5039A	1N7004P1	116	1R1P	177
1N5610	177	1N5759A	6407	1N5887B	5050A	1N5943A	5148A	1N6015B	5039A	1N7004P2	116	1R1P	177
1N5614	552	1N5760	6407	1N5888A	5051A	1N5943B	5148A	1N6016A	5040A	1N7004P3	116	1R2	177
1N5615	552	1N5760A	6408	1N5888B	5051A	1N5944	5150A	1N6016B	5040A	1N7005	116	1R2A	116
1N5616	506	1N5761	6408	1N5889A	5052A	1N5944A	5150A	1N6017A	5041A	1N7005P1	116	1R2E	116
1N5617	552	1N5761A	6407	1N5889B	5052A	1N5944B	5150A	1N6017B	5041A	1N7005P2	116	1R2F	116
1N5618	506	1N5767	177	1N5890A	5053A	1N5945	5151A	1N6018A	5042A	1N7005P3	116	1R3A	177
1N5619	552	1N5817	585	1N5890B	5053A	1N5945A	5151A	1N6018B	5042A	1N7006	125	1R3B	506
1N5620	506	1N5818	585	1N5891A	5054A	1N5945B	5151A	1N6019A	5044A	1N7006P1	125	1R3D	116
1N5621	558	1N5819	585	1N5891B	5054A	1N5946	5152A	1N6019B	5044A	1N7006P2	125	1R3G	116
1N5623	558	1N5820	586	1N5892A	5055A	1N5946A	5152A	1N6020A	5045A	1N7006P3	125	1R3J	116
1N5623R	558	1N5821	586	1N5892B	5055A	1N5946B	5152A	1N6020B	5045A	1N7007	125	1R3P04	1671
1N5624	5802	1N5822	586	1N5893A	5056A	1N5947	5153A	1N6021A	5046A	1N7007P1	125	1R4	177
1N5625	5804	1N5822B	586	1N5893B	5056A	1N5947A	5153A	1N6021B	5046A	1N7007P2	125	1R5A	116
1N5626	5806	1N5826	6084	1N5894A	5057A	1N5947B	5153A	1N6022A	5047A	1N7007P3	125	1R5B	116
1N5627	5808	1N5827	6084	1N5894B	5057A	1N5948	5155A	1N6022B	5047A	1N8001	116	1R5BZ61	156
1N5629	4902	1N5828	6084	1N5895A	5058A	1N5948A	5155A	1N6023A	5049A	1N8001P1	116	1R5DZ61	125
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1N5636	4918	1N5832	6094	1N5896A	5059A	1N5949	5156A	1N6024A	5050A	1N8001P3	116	1R5GZ61	125
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1N5640	4928	1N5839B	5002A	1N5907	4900	1N5950A	5157A	1N6026A	5052A	1N8002P3	116	1R5JZ61	125
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1N5643	4934	1N5841B	5004A	1N5908P5	4900	1N5951	5158A	1N6027A	5053A	1N8003P1	116	1R8.2	5072A
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1N5712	584	1N5854A	5017A	1N5921A	5120A	1N5958B	5004A	1N6074	588	1N9002P3	116	1R13B	143A
1N5713	584	1N5854B	5017A	1N5921B	5120A	1N5958B	5005A	1N6075	588	1N9003	116	1R13OB	5088A
1N5719	177	1N5855A	5018A	1N5922A	5121A	1N5958B	5005A	1N6082	5008A	1N9003P1	116	1R14OB	5089A
1N5728	5009A	1N5855B	5018A	1N5922B	5121A	1N5958B	5005A	1N6082A	5008A	1N9003P2	116	1R15	145A
1N5728B	5009A	1N5856A	5019A	1N5922B	5121A	1N5958B	5006A	1N6082B	5008A	1N9003P3	116	1R15A	145A
1N5729	5010A	1N5856B	5019A	1N5922B	5121A	1N5958B	5006A	1N6083	5009A	1N9004	116	1R15B	145A
1N5729B	5010A	1N5857A	5020A	1N5923	5122A	1N5990A	5007A	1N6083A	5009A	1N9004P1	116	1R15OB	5100A
1N5729C	5010T1	1N5857B	5020A	1N5923A	5122A	1N5990B	5007A	1N6083B	5009A	1N9004P2	116	1R16	5075A
1N5729D	5010T1	1N5858A	5021A	1N5923B	5122A	1N5991A	5008A	1N6084A	5010A	1N9004P3	116	1R16A	5075A
1N5730	5011A	1N5859A	5022A	1N5924A	5124A	1N5992A	5009A	1N6084B	5010A	1N9005	116	1R16B	5075A
1N5730B	5011A	1N5859A	5022A	1N5924A	5124A	1N5992A	5009A	1N6085	5011A	1N9005P1	116	1R18	5077A
1N5731	5013A	1N5859B	5022A	1N5924B	5124A	1N5992B	5009A	1N6085A	5011A	1N9005P2	116	1R18A	5077A
1N5731B	5013A	1N5860A	5023A	1N5925	5125A	1N5993A	5010A	1N6085B	5011A	1N9005P3	116	1R18B	5077A
1N5732	5014A	1N5860B	5023A	1N5925A	5125A	1N5993B	5010A	1N6086	5012A	1N9006	125	1R20	5079A
1N5732B	5014A	1N5861A	5024A	1N5925B	5125A	1N5993C	5010T1	1N6086A	5013A	1N9006P1	125	1R20(SCR)	5455
1N5733	5015A	1N5861B	5024A	1N5926	5126A	1N5993D	5010T1	1N6086B	5013A	1N9006P2	125	1R20A	5079A
1N5733B	5015A	1N5862A	5025A	1N5926A	5126A	1N5994A	5011A	1N6086B	5013A	1N9006P3	125	1R20B	5079A
1N5734	5016A	1N5862B	5025A	1N5926B	5126A	1N5994B	5011A	1N6087	5014A	1N9007	125	1R22	5080A
1N5734B	5016A	1N5863A	5026A	1N5927	5127A	1N5994C	5011T1	1N6087A	5014A	1N9007P1	125	1R23	5080A
1N5735	5018A	1N5863B	5026A	1N5927A	5127A	1N5994D	5011T1	1N6087B	5014A	1N9007P2	125	1R23B	5080A
1N5735B	5018A	1N5864A	5027A	1N5927B	5127A	1N5995A	5013A	1N6088	5015A	1N9007P3	125	1R24	5081A
1N5736	5019A	1N5864B	5027A	1N5928	5128A	1N5995B	5013A	1N6088A	5015A	1N33548	116	1R24A	5081A
1N5736B	5019A	1N5865A	5028A	1N5928A	5128A	1N5995C	5131T1	1N6088B	5015A	1N33548	116	1R24B	5081A
1N5737	5020A	1N5865B	5028A	1N5928B	5128A	1N5996A	5014A	1N6089	5016A	1N33548	116	1R25	146A
1N5737B	5020A	1N5866A	5029A	1N5929	5130A	1N5996B	5014A	1N6089A	5016A	1N33548	116	1R27A	146A
1N5738	5021A	1N5866B	5029A	1N5929A	5130A	1N5996B	5014A	1N6089B	5016A	1N33548	116	1R27B	146A

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1R82	150A	1S18	177	1S162	5874	1S254	5095A	1S399	116	1S700	146A	1S1065	125
1R82A	150A	1S21	10A	1S163	5875	1S255	5096A	1S400	116	1S710	5558	1S1066	125
1R82B	150A	1S32	109	1S164	5876	1S256	5097A	1S401	116	1S720	5558	1S1071	156
1R90	116	1S33	109	1S165	5882	1S257	5097A	1S410	116	1S730	5558	1S1072	5802
1R91	5095A	1S34	109	1S166	5882	1S258	5098A	1S410	5834	1S750GR	112	1S1073	5804
1R91A	5095A	1S34(TV)	109	1S170	5912	1S260	5099A	1S410(SCR)	5554	1S752	5002A	1S1074	5806
1R91B	5095A	1S34A	109	1S171	5912	1S261	5100A	1S410(RECT)	5554	1S753	5006A	1S1075	5808
1R96	125	1S34S	109	1S172	5916	1S262	5176AK	1S411	5904	1S754	5008A	1S1076	5808
1R100	5096A	1S34TV	109	1S173	5920	1S263	5178AK	1S413	5838	1S755	5009A	1S1098	116
1R100A	5096A	1S35	110A	1S174	5920	1S264	5181AK	1S415	5842	1S756	5011A	1S1124	177
1R100B	5096A	1S37	5070A	1S175	5924	1S265	5182AK	1S417	5846	1S757	5014A	1S1146	177
1R110	151A	1S38	177	1S176	5924	1S266	5184AK	1S419	5848	1S757A	139A	1S1146S	177
1R110A	151A	1S40	5801	1S180	177	1S267	5186AK	1S420	5874	1S758	5017A	1S1155	177
1R110B	151A	1S41	116	1S180	177	1S268	5187AK	1S420(SCR)	5554	1S758GS	139A	1S1204	601
1R120	5097A	1S42	5804	1S180/5GB	116	1S268T	116	1S420(RECT)	5874	1S759	5019A	1S1209	601
1R120A	5097A	1S43	5804	1S181	177	1S269	5188AK	1S421	5874	1S760	5022A	1S1210	601
1R120B	5097A	1S43A	5806	1S182	116	1S270	5190AK	1S422	5874	1S761	5022A	1S1212	601
1R122A	5463	1S45	5806	1S183	116	1S271	5190AK	1S423	5882	1S762	5028A	1S1212A	601
1R122B	5463	1S46	5808	1S185	110A	1S272	5191AK	1S426	109	1S763	5031A	1S1212A	601
1R122C	5465	1S47	125	1S185OR	116	1S273	5192AK	1S426FM	109	1S764	5033A	1S1213	177
1R122D	5465	1S48	612	1S186	109	1S274	5193AK	1S426G	110A	1S766	611	1S1214	177
1R122E	5466	1S48A	613	1S186(FM)	109	1S275	5194AK	1S427	5882	1S767	611	1S1215	177
1R122F	5461	1S50	110MP	1S186FM	110MP	1S276	5195AK	1S428	109	1S767A	611	1S1216	177
1R122M	5466	1S54	117A	1S187	110A	1S277	5196AK	1S430	5800	1S769	611	1S1217	177
1R130	5098A	1S56	117A	1S187S	109	1S278	5197AK	1S431	5801	1S777	127/209	1S1218	177
1R130A	5098A	1S60	110MP	1S188	110A	1S279	5198AK	1S432	5802	1S788	109	1S1218GR	177
1R130B	5098A	1S60P	109	1S188A	110A	1S280	5199AK	1S434	5802	1S789	5010	1S1219	5558
1R140	5099A	1S70	110A	1S188AFM	110A	1S281	5200AK	1S436	5806	1S820	5558	1S1220	177
1R140A	5099A	1S71	116	1S188A/FM	110A	1S282	5202AK	1S438	5808	1S844	116	1S1221	116
1R140B	5099A	1S72	109	1S188AM	110A	1S283	5203AK	1S441	110A	1S846	116	1S1222	116
1R150	5100A	1S73	109	1S188AM	110A	1S284	5204AK	1S441(RECT)	5830	1S848	125	1S1223	125
1R150A	5100A	1S74	109	1S188EM	110A	1S285	5205AK	1S442	110A	1S849	116	1S1224	116
1R150B	5100A	1S75	110A	1S188F	110MP	1S286	5206AK	1S442(RECT)	5830	1S849R	116	1S1225	125
1R160	5101A	1S76	109	1S188FM	110A	1S287	5208AK	1S443(RECT)	5830	1S849R	116(2)	1S1225A	125
1R160A	5101A	1S78	110A	1S188FM	110A	1S288	5208AK	1S444	177	1S850	125	1S1226	506
1R160B	5101A	1S79	110A	1S188FM-1	110A	1S289	5209AK	1S444(RECT)	5834	1S855	116	1S1230	116
1R161R16B	5075A	1S80	110A	1S188FM1	110A	1S290	5211AK	1S445(RECT)	5834	1S891	611	1S1231	116
1R180	5103A	1S81	116	1S188FM1A	110A	1S291	5212AK	1S446	109	1S892	612	1S1231(Stud)	6154
1R180A	5103A	1S82	109	1S188FM2	110A	1S292	5214AK	1S446(RECT)	5834	1S893	613	1S1232	116
1R180B	5103A	1S83	116	1S188FM-2	110A	1S293	5215AK	1S446D	109	1S890	177	1S1232(Stud)	6154
1R200	5105A	1S84	177	1S188FM2	110A	1S294	5216AK	1S447	109	1S921	177	1S1233	125
1R200A	5105A	1S85	612	1S188FMA	110A	1S295	5217AK	1S447	109	1S921(RECT)	5802	1S1233(Stud)	6154
1R200B	5105A	1S85H	612	1S188FMA	110A	1S296	5219AK	1S447P	109	1S922(DIODE)	177	1S1234	125
1R801	389	1S86	612	1S188FMI	110MP	1S297	5220AK	1S448	109	1S922(RECT)	5804	1S1234(Stud)	6154
1R1600	5483	1S88	110A	1S188G	110A	1S298	5221A	1S449	109	1S923	177	1S1235(Stud)	6154
1R1601	5483	1S89	177	1S188MPX	110MP	1S299	5222AK	1S451	109	1S923(RECT)	5806	1S1236(Stud)	6154
1R1602	5483	1S90	116	1S188P	110MP	1S300	5223AK	1S452	109	1S924	5808	1S1237	506
1R1771	5483	1S91	116	1S188PM	110A	1S301	5224AK	1S453	109	1S925	5809	1S1237(Stud)	6154
1R1772	5483	1S92	116	1S188S	110A	1S301.5	145A	1S454	110A	1S926	5874	1S1238	506
1R1774	5483	1S93	116	1S188TV	110A	1S302	5225AK	1S455	110A	1S926G	109	1S1255A	125
1R1977	184	1S93/SJG	116	1S189	109	1S303	5226AK	1S456	116	1S927	5878	1S1288	5916
1R2790	613	1S94	116	1S189FM	110MP	1S306	177	1S457	116	1S928	5882	1S1302	177
1R5000	98	1S95	116	1S190	5010A	1S307	177	1S458	116	1S929	5886	1S1303	177
1R5001	98	1S96	125	1S191	5012A	1S309	116	1S459	116	1S930	5890	1S1305	177
1R5002	98	1S97	125	1S192	5014A	1S310	116	1S466	110A	1S931	6154	1S1315	611
1R5060	98	1S98	125	1S193	5072A	1S310(SCR)	5554	1S467R	109	1S932	6156	1S1333	552
1R5061	98	1S99	125	1S194	5018A	1S310(Rect)	116	1S470	5012A	1S933	6158	1S1341	116
1R5062	98	1S99A	177	1S195	140A	1S311	117A	1S471	5014A	1S934	6158	1S1342	116
1R5063	98	1S100	116	1S196	5074A	1S312	116	1S472	5018A	1S935	6158	1S1343	116
1R5251	97	1S101	116	1S197	142A	1S312(Hitachi)	506	1S473	5020A	1S936	5986	1S1344	116
1R5252	97	1S102	116	1S198	144A	1S313	116	1S473H	142A	1S939	6158	1S1345	125
1R5253	97	1S103	116	1S199	5077A	1S314	116	1S474	5023A	1S940	6158/432	1S1346	116
1RC5	5453	1S104	116	1S204	116	1S315	116	1S475	5027A	1S941	177	1S1347	125
1RC10	5454	1S105	116	1S205	116	1S315(Hitachi)	506	1S476	5030A	1S941/4454C	116	1S1348	125
1RC20	5455	1S106	116	1S206	116	1S318	109	1S477	5034A	1S942	177	1S1349	506
1RC30	5457	1S106A	116	1S207	116	1S320	135A	1S478	5037A	1S945	177	1S1351	5834
1RC40	5457	1S107	125	1S207SK	177	1S320(SCR)	5554	1S479	5040A	1S951	177	1S1352	5834
1RD3899	6006	1S108	125	1S208	116	1S320(Rect)	135A	1S480	5070A	1S952	177	1S1353	5838
1RD3899R	6007	1S109	125	1S208/2S12A	117A	1S322	177	1S481	5071A	1S953	552	1S1354	5838
1RD3900	6006	1S110	116	1S209	116	1S330	5010A	1S482	139A	1S953(DIODE)	519	1S1355	5842
1RD3900R	6007	1S110(SCR)	5552	1S209/2S14A	117A	1S330A	5010A	1S483	5074A	1S954	519	1S1356	5846
1RD3901	6006	1S110(Rect)	116	1S210	125	1S330A1	135A	1S484	144A	1S954(2)	519	1S1357	5848
1RD3901R	6007	1S110A	116	1S210(Rect)	125	1S331	137A	1S485	5077A	1S955	177	1S1417	5999
1RD3902	6008	1S111	116	1S210(SCR)	5552	1S331A	5083A	1S487	5083A	1S963	117A	1S1418	6003
1RD3902R	6009	1S112	116	1S210/2S16A	125	1S331AZ	137A	1S488	5085A	1S966	5987	1S1420H	177
1RD3903	6008	1S113	116	1S211	125	1S332	5986	1S489	5088A	1S966R	5986	1S1472	117A
1RD3903R	6009	1S113A	116	1S211/2S18A	125	1S332M	5071A	1S490	5179AK	1S967	5991	1S1473	177
1RD3909	6006	1S114	116	1S211A	136A	1S333	5072A	1S491	5120A	1S967R	5990	1S1500	610
1RD3909R	6007	1S115	116	1S215	140A	1S333Y	5072A	1S492	5185AK	1S968	5995	1S1501	611
1RD3910	6006	1S116	116	1S216	140A	1S334	139A	1S493	5126A	1S968R	5994	1S1502	611
1RD3910R	6007	1S117	125	1S220	5068A	1S334K	139A	1S494	5190A	1S969	5999	1S1503	614
1RD3911	6006	1S119	116	1S220(SCR)	5552	1S334N	139A	1S495	5194AK	1S969R	5998	1S1514	177
1RD3911R	6007	1S120	116	1S220(Zener)	5068A	1S335	140A	1S496	5197A	1S983	177	1S1515	177
1RD3912	6008	1S120(SCR)	5552	1S221	136A	1S335S	5019A	1S497	5201AK	1S990	177	1S1516	177
1RD3912R	6009	1S120(Rect)	116	1S222	5071A	1S336	5074A	1S498	5204AK	1S990A	177	1S1517	506
1RD3913	6008	1S121	116	1S223	138A	1S337	142A	1S499	5146A	1S990-AM	177	1S1517A	506
1RD3913R	6009	1S121(RECT)	116	1S224	5073A	1S337A	142A	1					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1S1580	177	1S1887A-Z	116	1S2082A	5016A	1S2309	506	1S2473	519	1S3030A	5141A	1S5012A	5188A
1S1581	610	1S1887FA	116	1S2082A(Rec)	580	1S2310	116	1S2473-1	519	1S3033	147A	1S5013A	5189A
1S1582	177	1S1887FA-1	116	1S2085	612	1S2311	125	1S2473H	519	1S3033A	5142A	1S5015	5191A
1S1585	177	1S1888	116	1S2085A	612	1S2312	125	1S2473HC	519	1S3036	5085A	1S5015A	5191A
1S1587	177	1S1888V	116	1S2086	612	1S2313	125	1S2473HJ	519	1S3036A	5143A	1S5016	5192A
1S1588	519	1S1890	5806	1S2086A	612	1S2314	125	1S2473H-Y	519	1S3039	5086A	1S5016A	5192A
1S1588V	519	1S1891	156	1S2087	612	1S2315	125	1S2473I	519	1S3039A	5144A	1S5018	5194A
1S1589	177	1S1892	156	1S2087A	612	1S2316	552	1S2473J	519	1S3043	5087A	1S5018A	5194A
1S1614	6068	1S1893	610	1S2088	612	1S2317	552	1S2473K	519	1S3043A	5145A	1S5020	5196A
1S1615	6072	1S1894	614	1S2088A	612	1S2318	558	1S2473N	519	1S3047	5088A	1S5020A	5196A
1S1621	177	1S1895	612	1S2089	611	1S2319	558	1S2473T	177	1S3047A	5146A	1S5022	5197A
1S1621-O	177	1S1906	116	1S2090	610	1S2323	558	1S2473-T27	519	1S3051	5089A	1S5022A	5197A
1S1621-F	177	1S1910	552	1S2091	177	1S2324	558	1S2473-T22	519	1S3051A	5147A	1S5024	5198A
1S1621-Y	177	1S1911	552	1S2091(Zener)	5018A	1S2325	558	1S2473T-P	519	1S3056	5090A	1S5024A	5198A
1S1622	116	1S1920	506	1S2091(Diode)	177	1S2326	558	1S2473V	519	1S3056A	5148A	1S5027	5200A
1S1623	116	1S1921A	506	1S2091A	5018A	1S2330	5036A	1S2473VE	519	1S3062	149A	1S5027A	5200A
1S1624	116	1S1921B	506	1S2091-BK	177	1S2330A	5036A	1S2473VE1	519	1S3062A	5150A	1S5030	5202A
1S1625	116	1S1921C	506	1S2091-BL	177	1S2336	611	1S2473VH	519	1S3068	5092A	1S5030A	5202A
1S1626	5866	1S1921D	506	1S2091-W	177	1S2339	610	1S2475	519	1S3068A	5151A	1S5033	5203A
1S1627	5868	1S1921E	506	1S2092	177	1S2339C	611	1S2476	519	1S3075	5093A	1S5033A	5203A
1S1629	5846	1S1921F	506	1S2093	6408	1S2339-C	610	1S2514	558	1S3075A	5152A	1S5036	5204A
1S1630	5848	1S1922	112	1S2094	611	1S2339G	612	1S2588	519	1S3076	177	1S5036A	5204A
1S1643R	6355	1S1923	611	1S2095	519	1S2340	611	1S2592	558	1S3082	150A	1S5039	5205A
1S1644R	6355	1S1923A	611	1S2095A	519	1S2350	580A	1S2593	558	1S3091	5095A	1S5039A	5205A
1S1650	177	1S1924	612	1S2097	177	1S2351	558	1S2594	558	1S3100	5096A	1S5043	5206A
1S1651	177	1S1925	112	1S2098	177	1S2352	116	1S2595	558	1S3110	151A	1S5043A	5206A
1S1652	5944	1S1926	112	1S2100	5019A	1S2353	558	1S2596	580	1S3120	5097A	1S5047	5208A
1S1652R	5875	1S1926K	112	1S2100A	5019A	1S2354	125	1S2597	580	1S3130	5098A	1S5047A	5208A
1S1653	5948	1S1926M	112	1S2110	5020A	1S2355	558	1S2598	580	1S3150	5100A	1S5051	5210A
1S1653R	5879	1S1934	5982	1S2110A	5020A	1S2356	116	1S2606	116	1S3160	5101A	1S5051A	5210A
1S1654	5986	1S1934R	5983	1S2111A	136A	1S2357	116	1S2608	125	1S3180	5103A	1S5056	5212A
1S1654R	5987	1S1935	5986	1S2112A	137A	1S2361	116	1S2610	125	1S3200	5105A	1S5056A	5212A
1S1655	5988	1S1935R	5987	1S2113A	5071A	1S2362	116	1S2612	558	1S3205	5010A	1S5062	5214A
1S1655R	5989	1S1936	5990	1S2114A	138A	1S2363	116	1S2613	558	1S3232	5071A	1S5062A	5214A
1S1658	614	1S1936R	5991	1S2115A	5072A	1S2364	125	1S2637	177	1S3265	109	1S5068	5215A
1S1658FA-3	614	1S1937	5994	1S2116A	139A	1S2365	125	1S2638	611	1S4006	5120A	1S5068A	5215A
1S1660	5834	1S1937R	5995	1S2117	140A	1S2367	116	1S2675	552	1S4006A	5120A	1S5075	5216A
1S1660R	5835	1S1938	5998	1S2117A	140A	1S2370	558	1S2676	552	1S4007	5121A	1S5075A	5216A
1S1661	5838	1S1938R	5999	1S2118A	5074A	1S2371	166	1S2677	558	1S4007A	5121A	1S5082A	5217A
1S1661R	5839	1S1939	6002	1S2119A	5021A	1S2371A	116(4)	1S2678	558	1S4008	5122A	1S5082A	5217A
1S1662	5854	1S1939R	6003	1S2120	5021A	1S2372	116	1S2679	558	1S4008A	5122A	1S5091	5219A
1S1662R	5855	1S1941	116	1S2120A	5021A	1S2373	116	1S2686	611	1S4009	5124A	1S5091A	5219A
1S1663	5858	1S1942	116	1S2121A	145A	1S2374	116	1S2687	614	1S4009A	5124A	1S5100	5220A
1S1663R	5859	1S1943	116	1S2122A	5075A	1S2375	116	1S2687A	519	1S4010	5125A	1S5100A	5220A
1S1664	116	1S1944	156	1S2123A	5077A	1S2376	116	1S2687D	614	1S4010A	5125A	1S5110	5222A
1S1665	117A	1S1951	147A	1S2130	5022A	1S2377	156	1S2687S-1	614	1S4011	5126A	1S5110A	5222A
1S1666	116	1S1953	177	1S2130A	5022A	1S2378	583A	1S2687T	614	1S4011A	5126A	1S5120	5223A
1S1668	116	1S1956	5070A	1S2130B	143A	1S2378R	5835	1S2688	614	1S4012	5127A	1S5120A	5223A
1S1668R	116	1S1957	5071A	1S2131	611	1S2379	580A	1S2688A	116	1S4012A	5127A	1S5130	5224A
1S1690	110A	1S1958	5072A	1S2139	611	1S2380	5806	1S2688B	614	1S4013	5128A	1S5130A	5224A
1S1691	116	1S1959	139A	1S2139A	610	1S2401	116	1S2688EA	614	1S4013A	5128A	1S5150	5226A
1S1692	117A	1S1960	140A	1S2139B	611	1S2402	116	1S2688EB	613	1S4015	5130A	1S5150A	5226A
1S1693	116	1S1961	5074A	1S2139C	612	1S2403	125	1S2688EP	613	1S4015A	5130A	1S5160A	5226A
1S1694	117A	1S1962	142A	1S2142	611	1S2404	116	1S2689	614	1S4016	5131A	1S5200A	5232A
1S1695	125	1S1963	144A	1S2143	611	1S2405	125	1S2692	555	1S4016A	5131A	1S5295	552
1S1697	116	1S1964	145A	1S2144	177	1S2406	125	1S2692A	555	1S4018	5133A	1S5295G	552
1S1698	116	1S1965	5075A	1S2144A	177	1S2408	5806	1S2692-AB	519	1S4018A	5133A	1S5295J	552
1S1701	178MP	1S1966	5077A	1S2144Z	177	1S2408	5806	1S2692B	519	1S4019	5135A	1S5454	109
1S1715	137A	1S1967	5079A	1S2144Z	177	1S2410	5802	1S2706	519	1S4020A	5135A	1S5454	109
1S1717	5073A	1S1968	5080A	1S2147	610	1S2411	5804	1S2711	506	1S4022	5136A	1S6006	5181A
1S1717L	139A	1S1969	5081A	1S2147A	612	1S2412	5804	1S2745	515	1S4022A	5136A	1S6006A	5181A
1S1718	139A	1S1970	146A	1S2147B	612	1S2413	5806	1S2746	515	1S4024	5137A	1S6007	5182A
1S1718/4454C	140A	1S1971	5064A	1S2147C	612	1S2414	5806	1S2746	515	1S4024A	5137A	1S6007A	5182A
1S1722	112	1S1972	177	1S2150	5024A	1S2415	5800	1S2775	519	1S4027	5139A	1S6008	5183A
1S1728	139A	1S1994	177	1S2150A	5024A	1S2416	5801	1S2775FA-1	552	1S4027A	5139A	1S6008A	5183A
1S1757	613	1S1995	177	1S2160A	5025A	1S2417	5802	1S2776	552	1S4030	5141A	1S6009A	5185A
1S1758	613	1S1996	5842	1S2180	5027A	1S2418	5804	1S2777	552	1S4030A	5141A	1S6010	5186A
1S1759	613	1S1998	5843	1S2180A	5027A	1S2419	5804	1S2778	519	1S4031	5142A	1S6010A	5186A
1S1791A	5874	1S2001A	5074A	1S2186	553	1S2420	5806	1S2788	177	1S4033A	5142A	1S6011	5187A
1S1798R	5875	1S2030A	5004A	1S2186GR	177	1S2421	5806	1S2788B	177	1S4036	5143A	1S6011A	5187A
1S1799	5874	1S2033	5005A	1S2187	112	1S2422	5802	1S2789	616	1S4036A	5143A	1S6012	5188A
1S1799R	5875	1S2033A	5005A	1S2188	611	1S2422R	5802	1S2790	614	1S4039	5144A	1S6013	5189A
1S1801	5876	1S2036	5006A	1S2189	614	1S2423	5802	1S2790WT	613	1S4039A	5144A	1S6013A	5189A
1S1801R	5876	1S2036A	5006A	1S2197A	614	1S2423R	5802	1S2790Y	614	1S4043	5145A	1S6013A	5189A
1S1802	5882	1S2039	5007A	1S2198	112	1S2424	5802	1S2790YL	614	1S4043A	5145A	1S6015	5191A
1S1802R	5883	1S2039A	5007A	1S2200	5029A	1S2424R	5802	1S2827A	125	1S4047	5146A	1S6015A	5191A
1S1803	5888	1S2043	5008A	1S2200A	5029A	1S2425	5802	1S2828A	125	1S4047A	5146A	1S6016	5192A
1S1803R	5889	1S2046	5008A	1S2206	612	1S2425R	5802	1S2830A	125	1S4051	5147A	1S6018	5194A
1S1804	5890	1S2047	5009A	1S2207	616	1S2426	5802	1S2831A	125	1S4051A	5147A	1S6018A	5194A
1S1804R	5891	1S2047A	5009A	1S2207-9	611	1S2426R	5802	1S2835	596	1S4056	5148A	1S6020	5196A
1S1805	611	1S2051	5010A	1S2208	616	1S2427	5802	1S2836	596	1S4056A	5148A	1S6020A	5196A
1S1805A	611	1S2052	5010A	1S2209	616	1S2427R	5802	1S2837	596	1S4062	5150A	1S	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1S6100A	5220A	1SR35-200	116	1S256-18	5133A	1T503	116	1WS1	156	1Z20A	5079A	1ZC9-1	139A
1S6110	5220A	1SR35-222A	116	1S256-20	5135A	1T504	116	1WS2	156	1Z20T5	5079A	1ZC9-1T5	139A
1S6110A	5222A	1SR35-400	558	1S256-22	5136A	1T505	116	1WS4	580A	1Z20T10	5079A	1ZC9-1T10	139A
1S6120	5223A	1SR35-400A	116	1S256-27	5139A	1T506	116	1WS6	5806	1Z20T20	5079A	1ZC10T5	140A
1S6120A	5223A	1SR71-30	6084	1S256-30	5141A	1T507	125	1WS8	156	1Z22	5080A	1ZC11T5	5074A
1S6130	5224A	1SR71-40	6084	1S256-33	5142A	1T508	125	1WS10	156	1Z22A	5080A	1ZC11T10	5074A
1S6130A	5224A	1SR72-30	6094	1T06	5645	1T509	125	1X0001PA	1187	1Z22T5	5080A	1ZC12	142A
1S6150	5226A	1SR72-40	6094	1T08	5645	1T510	5645	1X00017TA	712	1Z22T10	5080A	1ZC12T5	142A
1S6150A	5226A	1SR73-30	6094	1T010	5645	1T510 (Diode)	125	1X0017TAZZ	712	1Z22T20	5080A	1ZC12T10	142A
1S6160	5227A	1SR73-40	6094	1T015	56004#	1T510 (Triac)	5645	1X0037CE	615A	1Z24	5081A	1ZC12T20	142A
1S6160A	5227A	1SR91-100	580	1T2C1	116(2)	1T510 (Rectifier)	125	1X0087TA	1515	1Z24A	5081A	1ZC13T5	143A
1S6180	5230A	1SR91-200	580	1T2Z1	116(2)	1T515	56008#	1X0137CE	1751	1Z24T5	5081A	1ZC13T10	143A
1S6180A	5230A	1SR91-400	580	1T5.6	136A	1T610	5645	1X0213CE	1616	1Z24T10	5081A	1ZC15	145A
1S6200	5232A	1SR100-200	116	1T5.6B	136A	1T615	56008#	1X0214CE	1576	1Z24T20	5081A	1ZC15T5	145A
1S6200A	5232A	1SR100-400	116	1T6.2	137A	1T710	56010	1X0223CE	1572	1Z27	146A	1ZC15T10	145A
1S7030A	5004A	1SR100-600	116	1T6.2B	137A	1T715	56010	1X0224CE	1570	1Z27A	146A	1ZC16T5	5075A
1S7033	5005A	1SR100-800	525	1T7.5	138A	1T810	56010	1X0243CE	1539	1Z27B	146A	1ZC16T10	5075A
1S7033A	5005A	1SR100-1200	525	1T7.5B	138A	1T815	56010	1X0275CE	1572	1Z27C	146A	1ZC18T5	5077A
1S7033B	5005A	1SR100-1500	525	1T9.1	139A	1T1331	110MP	1X0276CE	1570	1Z27D	146A	1ZC18T10	5077A
1S7036	5006A	1SR123-100	558	1T9.1B	139A	1T2011	116	1X0488CE	1217	1Z27D5	146A	1ZC20T5	5079A
1S7036A	5006A	1SR123-200	558	1T10	5645	1T2012	116	1X60	109	1Z27D10	146A	1ZC20T10	5079A
1S7036B	5006A	1SR123-400	558	1T10B	140A	1T2013	116	1X9179	177	1Z27T5	146A	1ZC22T5	5080A
1S7039	5007A	1SR124-100	552	1T11.5	141A	1T2014	116	1X9805	177	1Z27T10	146A	1ZC22T10	5080A
1S7039A	5007A	1SR124-100A	552	1T11.5B	141A	1T2015	116	1X9809	177	1Z27T20	146A	1ZC24T5	5081A
1S7039B	5007A	1SR124-200	552	1T12	142A	1T2016	116	1Z3.3	5065A	1Z30	5084A	1ZC24T10	5081A
1S7043	5008A	1SR124-200A	552	1T12B	142A	1TA5.6	136A	1Z3.3A	5066A	1Z30A	5084A	1ZC27	146A
1S7043A	5008A	1SR124-400	552	1T12.8	143A	1TA5.6A	136A	1Z30T5	5066A	1Z30T5	5084A	1ZC27T5	146A
1S7043B	5008A	1SR124-400A	552	1T12.8B	143A	1TA6.2	137A	1Z30T10	5066A	1Z30T10	5084A	1ZC27T10	146A
1S7047	5009A	1SS16	112	1T13	142A	1TA6.2A	137A	1Z30T20	5066A	1Z30T20	5084A	1ZC30T5	5084A
1S7047A	5009A	1SS19	112	1T13A	112	1TA7.5	138A	1Z30A	134A	1Z33	147A	1ZC30T10	5084A
1S7047B	5009A	1SS41	519	1T13B	112	1TA7.5A	138A	1Z36T5	134A	1Z33A	147A	1ZC710	140A
1S7051	5010A	1SS53	177	1T14	144A	1TA9.1	139A	1Z39	5067A	1Z33B	147A	1ZD12	142A
1S7051A	5010A	1SS53	177	1T14B	144A	1TA9.1A	139A	1Z39A	5067A	1Z33C	147A	1ZD120	5097A
1S7051B	5010A	1SS54	519	1T15	145A	1TA10	140A	1Z39T5	5067A	1Z33D	147A	1ZD825	5072A
1S7056	5011A	1SS54-T4	519	1T15B	145A	1TA10A	140A	1Z4.3	5068A	1Z33D5	147A	1ZF5.1T5	135A
1S7056A	5011A	1SS54TP	177	1T16	5645	1TA11.5	141A	1Z4.3A	5068A	1Z33D10	147A	1ZF5.1T10	135A
1S7056B	5011A	1SS55	519	1T18	5645	1TA11.5A	141A	1Z4.3T5	5068A	1Z33T5	147A	1ZF5.1T20	135A
1S7062	5013A	1SS81	177	1T18 (DIODE)	610	1TA12	142A	1Z4.7	5069A	1Z33T10	147A	1ZF5.6T5	136A
1S7062A	5013A	1SS82	177	1T18 (TRIAC)	5645	1TA12A	142A	1Z4.7A	5069A	1Z33T20	147A	1ZF5.6T10	136A
1S7062B	5013A	1SS83	177	1T19-15B	145A	1TA12.8	143A	1Z4.7T5	5069A	1Z33.6A	134A	1ZF5.6T20	136A
1S7068	5014A	1SS85	553	1T19-15D	145A	1TA12.8A	143A	1Z5.1	135A	1Z36	5085A	1ZF9.1T5	139A
1S7068A	5014A	1SS86	112	1T22	109	1TA14	144A	1Z5.1A	135A	1Z36A	5085A	1ZF9.1T10	139A
1S7068B	5014A	1SS90	112	1T22A	109	1TA14A	144A	1Z5.1T5	5116A	1Z39	5086A	1ZF9.1T20	139A
1S7075	5015A	1SS99	112	1T22AJ	109	1TA15	145A	1Z5.1T10	135A	1Z39A	5086A	1ZF12T10	142A
1S7075A	5015A	1SS101	583	1T22AM	109	1TA15A	145A	1Z5.6	136A	1Z43	5087A	1ZF12T20	142A
1S7075B	5015A	1T22B	109	1T22B	109	1TA27	146A	1Z5.6A	136A	1Z43A	5087A	1ZF14T5	144A
1S7082	5016A	1T22G	109	1T22G	109	1TA27A	146A	1Z5.6T5	136A	1Z47	5088A	1ZF14T10	144A
1S7082A	5016A	1T22M	109	1T22M	109	1TA33	147A	1Z6.2	5088A	1Z47A	5088A	1ZF14T20	144A
1S7082B	5016A	1T23	110A	1T23	110A	1TA33A	147A	1Z6.2A	137A	1Z51	5089A	1ZF15T5	145A
1S7091	5018A	1T23A	110A	1T23A	110A	1TA55	148A	1Z6.2T5	137A	1Z51A	5089A	1ZF15T10	145A
1S7091A	5018A	1TA55A	148A	1TA55A	148A	1TA62	149A	1Z6.2T10	137A	1Z55	148A	1ZF15T20	145A
1S7091B	5018A	1TA62	149A	1TA62	149A	1TA62A	149A	1Z6.8	5071A	1Z55A	5071A	1ZF27T5	146A
1S7100	5019A	1TA62A	150A	1TA62A	150A	1TA62A	150A	1Z6.8T5	5071A	1Z55B	148A	1ZF27T10	146A
1S7100A	5019A	1Z7.5	138A	1Z7.5	138A	1TA110	151A	1Z6.8T5	5071A	1Z56	5080A	1ZF27T20	146A
1S7100B	5019A	1Z7.5	138A	1Z7.5	138A	1TA110A	151A	1Z7.5	138A	1Z56A	5080A	1ZF33T5	147A
1S7110	5020A	1SS133	519	1T25	612	1TA110A	151A	1Z7.5A	138A	1Z62	149A	1ZF33T10	147A
1S7110A	5020A	1SS133T	519	1T25	612	1TB06	116	1Z7.5T5	138A	1Z62A	149A	1ZF33T20	147A
1S7110B	5020A	1SS133-Y	519	1T26	5645	1TB06 (D.I.P.)	783	1Z8.2	5072A	1Z62B	149A	1ZM3.3T5	5066A
1S7120	5021A	1SS134	519	1T26 (Diode)	109	1TH-61	558	1Z8.2A	5072A	1Z62C	149A	1ZM3.3T10	134A
1S7120A	5021A	1SS151	112	1T26 (Triac)	5645	1TH61	558	1Z8.2T5	5072A	1Z62D	149A	1ZM3.6T10	134A
1S7120B	5021A	1SS153	594	1T26-2	109	1TH62	558	1Z8.2T10	5072A	1Z62D5	149A	1ZM3.6T20	134A
1S7130	5022A	1SS176	519	1T27	146A	1TR-046	108	1Z8.2T20	5072A	1Z62D10	149A	1ZM3.9T5	5067A
1S7130A	5022A	1SS176FA	519	1T27B	146A	1TR-048	107	1Z9	139A	1Z68	5082A	1ZM4.7T5	5069A
1S7130B	5022A	1SS177	519	1T28	5645	1TR-111	102A	1Z9.1	139A	1Z68A	5082A	1ZM5.1T10	135A
1S7150	5024A	1SS178	519	1T33	147A	1TR-112	103A	1Z9.1A	139A	1Z72	5083A	1ZM5.1T20	135A
1S7150A	5024A	1SS178FA	519	1T33B	147A	1TS05	116	1Z9.1B	139A	1Z75	5083A	1ZM5.6T5	136A
1S7150B	5024A	1SS200	590	1T36	5645	1TT310	614	1Z9.1C	139A	1Z75A	5083A	1ZM5.6T10	136A
1S7160A	5025A	1SS201	590	1T38	5645	1TT1330	747	1Z9.1D	139A	1Z82	150A	1ZM5.6T20	136A
1S9413	116	1SS202	590	1T40	5645	1TT1330A	747	1Z9.1T10	139A	1Z82A	150A	1ZM6.2T5	137A
1S9413A	116	1SS229	590	1T46	5645	1TT1358	712	1Z9.1T5	139A	1Z82B	150A	1ZM6.2T10	137A
1S15551	177	1SS230	590	1T48	5645	1TT1364	783	1Z9.1T10	139A	1Z82C	150A	1ZM6.2T5	137A
1S16009	5185A	1SS231	591	1T55	148A	1TT3064 (Metalcan)	780	1Z9.1T20	139A	1Z82D	150A	1ZM6.2T10	137A
1S16009A	5185A	1SS232	591	1T55B	148A	1TT3064 (D.I.P.)	783	1Z9.1T20	139A	1Z82E	150A	1ZM6.2T10	137A
1S17176	138A	1SS233	590	1T58	5645	1TT3064A	783	1Z10A	140A	1Z82F	150A	1ZM6.8T5	5071A
1S19413	116	1SS234	590	1T58	5645	1TT3064P	783	1Z10T5	140A	1Z82G	150A	1ZM7.5T5	138A
1S20751C	177	1SS235	591	1T62	149A	1TT3065	712	1Z10T10	140A	1Z91	5085A	1ZM7.5T10	138A
1SB01-02	116	1SS236	591	1T62B	149A	1TT3065P	712	1Z10T20	140A	1Z91A	5085A	1ZM7.5T20	138A
1SB05	581A	1SS244	177	1T68	5645	1TT3065P	912	1Z10T5	140A	1Z100	5086A	1ZM7.5T20	138A
1SB09-06	812	1SS250	592	1T68	5645	1TV24237	120	1Z11	5074A	1Z100A	5086A	1ZM8.1T5	5071A
1SC2367	177	1SS268	595	1T76	56010	1U585F	123A	1Z11T5	5074A	1Z110	515A	1ZM9.1T5	139A
1SD-2	116	1SS269	596	1T78	56010	1U585F/7825B	123A	1Z11T5	5074A	1Z110A	515A	1ZM9.1T10	139A
1SD2	116	1SS270	596	1T82	150A	1V074A20	116	1Z11T10	5074A	1Z110B	151A	1ZM9.1T20	139A
1SF1	581A	1SS355	519	1T82B	150A	1V074A21	116	1Z11T20	5074A	1Z110C	151A	1ZM10T5	140A
1SF1R	581A	1SV50	614										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1ZM160T5	5101A	1.5DK227	5139A	1.5JZ18B	5133A	1.5JZ150A	5161A	1.5R18B	5133A	1.5Z7.5D	5121A	1.5Z51D	5147A
1ZM180T5	5103A	1.5DK227A	5139A	1.5JZ18C	5133A	1.5JZ150B	5161A	1.5R20	5135A	1.5Z8.2	5122A	1.5Z56	5148A
1ZM200T5	5105A	1.5DK227B	5139A	1.5JZ18D	5133A	1.5JZ150D	5161A	1.5R20A	5135A	1.5Z8.2A	5122A	1.5Z56A	5148A
1ZS3.9A	5068A	1.5DK230	5141A	1.5JZ19	5134A	1.5JZ160	5162A	1.5R20B	5135A	1.5Z8.2B	5122A	1.5Z56B	5148A
1ZS4.3A	5069A	1.5DK230A	5141A	1.5JZ19A	5134A	1.5JZ160A	5162A	1.5R22	5136A	1.5Z8.2C	5122A	1.5Z56C	5148A
1ZS4.7A	5116A	1.5DK230B	5141A	1.5JZ19B	5134A	1.5JZ160B	5162A	1.5R22A	5136A	1.5Z8.2D	5122A	1.5Z56D	5148A
1ZS5.1A	136A	1.5DK230C	5142A	1.5JZ19C	5134A	1.5JZ160C	5162A	1.5R22B	5136A	1.5Z9.1	5124A	1.5Z62	5150A
1ZS5.6A	137A	1.5DK233A	5142A	1.5JZ19D	5134A	1.5JZ160D	5162A	1.5R24	5137A	1.5Z9.1A	5124A	1.5Z62A	5150A
1ZS6.2A	5071A	1.5DK233B	5142A	1.5JZ20	5135A	1.5JZ200	5166A	1.5R24A	5137A	1.5Z9.1B	5124A	1.5Z62B	5150A
1ZS6.8A	138A	1.5DK236	5143A	1.5JZ20A	5135A	1.5JZ200A	5166A	1.5R24B	5137A	1.5Z9.1C	5124A	1.5Z62C	5150A
1ZS7.5A	5072A	1.5DK236A	5143A	1.5JZ20B	5135A	1.5JZ200B	5166A	1.5R27	5139A	1.5Z9.1D	5124A	1.5Z62D	5150A
1ZS8.2A	139A	1.5DK236B	5143A	1.5JZ20C	5135A	1.5JZ200C	5166A	1.5R27A	5139A	1.5Z10	5125A	1.5Z68	5151A
1ZS9.1A	139A	1.5DK239	5144A	1.5JZ20D	5135A	1.5JZ200D	5166A	1.5R27B	5139A	1.5Z10A	5125A	1.5Z68A	5151A
1ZS10A	140A	1.5DK239A	5144A	1.5JZ22	5136A	1.5K6.8	4902	1.5R30	5141A	1.5Z10B	5125A	1.5Z68B	5151A
1ZS11A	5074A	1.5DK239B	5144A	1.5JZ22A	5136A	1.5K6.8A	4902	1.5R30A	5141A	1.5Z10C	5125A	1.5Z68C	5151A
1ZS12A	142A	1.5DK243	5145A	1.5JZ22B	5136A	1.5K13	4918	1.5R30B	5141A	1.5Z10D	5125A	1.5Z68D	5151A
1ZS13A	143A	1.5DK243A	5145A	1.5JZ22C	5136A	1.5K13A	4918	1.5R31	5142A	1.5Z11	5126A	1.5Z75	5152A
1ZS15A	145A	1.5DK243B	5145A	1.5JZ22D	5136A	1.5K18	4926	1.5R33	5142A	1.5Z11A	5126A	1.5Z75A	5152A
1ZS16A	5075A	1.5DK247	5146A	1.5JZ24	5137A	1.5K18A	4926	1.5R33A	5142A	1.5Z11B	5126A	1.5Z75B	5152A
1ZS18A	5077A	1.5DK247A	5146A	1.5JZ24A	5137A	1.5K20	4928	1.5R33B	5142A	1.5Z11C	5126A	1.5Z75C	5152A
1ZS20A	5079A	1.5DK247B	5146A	1.5JZ24B	5137A	1.5K20A	4928	1.5R36	5143A	1.5Z11D	5126A	1.5Z75D	5152A
1ZS22A	5080A	1.5DK251	5147A	1.5JZ24C	5137A	1.5K27	4934	1.5R36A	5143A	1.5Z12	5127A	1.5Z82	5153A
1ZS24A	5081A	1.5DK251A	5147A	1.5JZ24D	5137A	1.5K27A	4934	1.5R36B	5143A	1.5Z12A	5127A	1.5Z82A	5153A
1ZS27A	146A	1.5DK251B	5147A	1.5JZ25	5138A	1.5K51	4950	1.5R39A	5144A	1.5Z12B	5127A	1.5Z82B	5153A
1ZS30A	5084A	1.5DK256	5148A	1.5JZ25A	5138A	1.5K51A	4950	1.5R39B	5144A	1.5Z12C	5127A	1.5Z82C	5153A
1ZS33A	147A	1.5DK256A	5148A	1.5JZ25B	5138A	1.5K68	4958	1.5R43	5145A	1.5Z12D	5127A	1.5Z82D	5153A
1ZS36A	5085A	1.5DK256B	5148A	1.5JZ25D	5138A	1.5K68A	4958	1.5R43A	5145A	1.5Z13	5128A	1.5Z91	5155A
1ZS39A	5086A	1.5DK262	5150A	1.5JZ27	5139A	1.5K200	4988	1.5R43B	5145A	1.5Z13A	5128A	1.5Z91A	5155A
1ZS43A	5087A	1.5DK262A	5150A	1.5JZ27A	5139A	1.5K200A	4988	1.5R47	5146A	1.5Z13B	5128A	1.5Z91B	5155A
1ZS47A	5088A	1.5DK262B	5150A	1.5JZ27B	5139A	1.5K6E.OCTA	4901	1.5R47A	5146A	1.5Z13C	5128A	1.5Z91C	5155A
1ZS51A	5089A	1.5DK268	5151A	1.5JZ27C	5139A	1.5K6E.8	4902	1.5R47B	5146A	1.5Z13D	5128A	1.5Z91D	5155A
1ZS56A	5090A	1.5DK268A	5151A	1.5JZ27D	5139A	1.5K6E.8A	4902	1.5R51	5147A	1.5Z14	5129A	1.5Z100	5156A
1ZS62A	149A	1.5DK268B	5151A	1.5JZ30	5141A	1.5K6E.8C	4903	1.5R51A	5147A	1.5Z14A	5129A	1.5Z100A	5156A
1ZS68B	5092A	1.5DK275	5152A	1.5JZ30A	5141A	1.5K6E.8CA	4903	1.5R51B	5147A	1.5Z14B	5129A	1.5Z100B	5156A
1ZS75A	5093A	1.5DK275A	5152A	1.5JZ30B	5141A	1.5K6E.8LT	4902	1.5R56	5148A	1.5Z14C	5129A	1.5Z100C	5156A
1ZS82A	150A	1.5DK275B	5152A	1.5JZ30C	5141A	1.5K6E.8	4902	1.5R56A	5148A	1.5Z14D	5129A	1.5Z100D	5156A
1ZS91A	5095A	1.5E05	5800	1.5JZ30D	5141A	1.5K13A	4918	1.5R56B	5148A	1.5Z15	5130A	1.5Z110	5157A
1ZS100A	5096A	1.5E1	5801	1.5JZ33	5142A	1.5K13C	4919	1.5R62	5150A	1.5Z15A	5130A	1.5Z110A	5157A
1ZS110A	151A	1.5E2	5802	1.5JZ33A	5142A	1.5K13CA	4919	1.5R62A	5150A	1.5Z15B	5130A	1.5Z110B	5157A
1ZS120A	5097A	1.5E4	5804	1.5JZ33B	5142A	1.5K13CTA	4919	1.5R62B	5150A	1.5Z15C	5130A	1.5Z110C	5157A
1ZS130A	5098A	1.5E5	5806	1.5JZ33C	5142A	1.5K13LT	4918	1.5R68	5151A	1.5Z16	5131A	1.5Z110D	5157A
1ZS150A	5100A	1.5E6	5806	1.5JZ33D	5142A	1.5K18	4926	1.5R68A	5151A	1.5Z16A	5131A	1.5Z120	5158A
1ZS160A	5101A	1.5E12	506	1.5JZ36	5143A	1.5K18A	4926	1.5R68B	5151A	1.5Z16B	5131A	1.5Z120A	5158A
1ZS180A	5103A	1.5E18	4926	1.5JZ36A	5143A	1.5K18C	4927	1.5R75B	5152A	1.5Z16C	5131A	1.5Z120B	5158A
1ZS200A	5105A	1.5E140	5160A	1.5JZ36B	5143A	1.5K18CA	4927	1.5R91	5155A	1.5Z16D	5131A	1.5Z120C	5158A
1ZT12	142A	1.5J05	5800	1.5JZ36C	5143A	1.5K18CTA	4927	1.5R91A	5155A	1.5Z17	5132A	1.5Z120D	5158A
1ZT12B	142A	1.5J1	5801	1.5JZ36D	5143A	1.5K18LT	4926	1.5R91B	5155A	1.5Z17A	5132A	1.5Z130	5159A
1ZT15	145A	1.5J2	5802	1.5JZ39	5144A	1.5K20	4928	1.5R100	5156A	1.5Z17B	5132A	1.5Z130A	5159A
1ZT15B	145A	1.5J3	5804	1.5JZ39A	5144A	1.5K20A	4928	1.5R100A	5156A	1.5Z17C	5132A	1.5Z130B	5159A
1ZT27	146A	1.5J4	5804	1.5JZ39B	5144A	1.5K20C	4929	1.5R100B	5156A	1.5Z17D	5132A	1.5Z130C	5159A
1ZT27B	146A	1.5J5	5806	1.5JZ39C	5144A	1.5K20CA	4929	1.5R110	5157A	1.5Z18	5133A	1.5Z130D	5159A
1ZT33	147A	1.5J6	5806	1.5JZ39D	5144A	1.5K20CTA	4929	1.5R110A	5157A	1.5Z18A	5133A	1.5Z140	5160A
1ZT33B	147A	1.5J12	506	1.5JZ43	5145A	1.5K20LT	4928	1.5R110B	5157A	1.5Z18B	5133A	1.5Z140A	5160A
1ZT82	150A	1.5J26.8	5120A	1.5JZ43A	5145A	1.5K27	4934	1.5R120	5158A	1.5Z18C	5133A	1.5Z140B	5160A
1ZT82B	150A	1.5J26.8A	5120A	1.5JZ43B	5145A	1.5K27A	4934	1.5R120A	5158A	1.5Z18D	5133A	1.5Z140C	5160A
1ZT110A	151A	1.5J26.8B	5120A	1.5JZ43C	5145A	1.5K27C	4935	1.5R120B	5158A	1.5Z19	5134A	1.5Z140D	5160A
1ZT120A	5097A	1.5J26.8C	5120A	1.5JZ43D	5145A	1.5K27CTA	4935	1.5R130	5159A	1.5Z19A	5134A	1.5Z150	5161A
1ZT130A	5098A	1.5J26.8D	5120A	1.5JZ47	5146A	1.5K27CTA	4935	1.5R130A	5159A	1.5Z19B	5134A	1.5Z150A	5161A
1ZT150A	5100A	1.5JZ7.5	5121A	1.5JZ47A	5146A	1.5K27LT	4935	1.5R130B	5159A	1.5Z19C	5134A	1.5Z150B	5161A
1ZT160A	5101A	1.5JZ7.5A	5121A	1.5JZ47B	5146A	1.5K51	4950	1.5R140	5160A	1.5Z19D	5134A	1.5Z150C	5161A
1ZT180A	5103A	1.5JZ7.5B	5121A	1.5JZ47C	5146A	1.5K51A	4950	1.5R140A	5160A	1.5Z20	5135A	1.5Z150D	5161A
1ZT200A	5105A	1.5JZ7.5C	5121A	1.5JZ47D	5146A	1.5K51C	4951	1.5R140B	5160A	1.5Z20A	5135A	1.5Z160	5162A
1.32	5074A	1.5JZ7.5D	5121A	1.5JZ51	5147A	1.5K51CA	4951	1.5R150	5161A	1.5Z20B	5135A	1.5Z160A	5162A
1.516B	5131A	1.5JZ8.2	5122A	1.5JZ51A	5147A	1.5K51CTA	4951	1.5R150A	5161A	1.5Z20C	5135A	1.5Z160B	5162A
1.5B05	156	1.5JZ8.2A	5122A	1.5JZ51B	5147A	1.5K51LT	4950	1.5R150B	5161A	1.5Z20D	5135A	1.5Z160C	5162A
1.5BZ100D	5156A	1.5JZ8.2B	5122A	1.5JZ51C	5147A	1.5K68	4958	1.5R160	5162A	1.5Z22	5136A	1.5Z160D	5162A
1.5BZ110B	5157A	1.5JZ8.2C	5122A	1.5JZ51D	5147A	1.5K68A	4958	1.5R160A	5162A	1.5Z22A	5136A	1.5Z160E	5162A
1.5BZ120	5158A	1.5JZ8.2D	5122A	1.5JZ56	5148A	1.5K68C	4959	1.5R160B	5162A	1.5Z22B	5136A	1.5Z160F	5162A
1.5BZ120C	5158A	1.5JZ8.2A	5122A	1.5JZ56A	5148A	1.5K68CA	4959	1.5R180	5164A	1.5Z22C	5136A	1.5Z160G	5164A
1.5BZ130D	5159A	1.5JZ9.1A	5124A	1.5JZ56B	5148A	1.5K68CTA	4959	1.5R180A	5164A	1.5Z22D	5136A	1.5Z160H	5164A
1.5BZ140B	5160A	1.5JZ9.1B	5124A	1.5JZ56C	5148A	1.5K68LT	4958	1.5R180B	5164A	1.5Z24	5137A	1.5Z180D	5164A
1.5BZ150	5161A	1.5JZ9.1C	5124A	1.5JZ56D	5148A	1.5K200	4988	1.5R200	5166A	1.5Z24A	5137A	1.5Z200	5166A
1.5BZ150C	5161A	1.5JZ9.1D	5124A	1.5JZ56E	5148A	1.5K200A	4988	1.5R200A	5166A	1.5Z24B	5137A	1.5Z200A	5166A
1.5C05	156	1.5J10	5125A	1.5JZ62A	5150A	1.5K200C	4989	1.5R200B	5166A	1.5Z24C	5137A	1.5Z200B	5166A
1.5DK26.8	5120A	1.5JZ10A	5125A	1.5JZ62B	5150A	1.5K200CA	4989	1.5R200C	5166A	1.5Z24D	5137A	1.5Z200C	5166A
1.5DK26.8A	5120A	1.5JZ10B	5125A	1.5JZ62C	5150A	1.5KE200CTA	4989	1.5R200D	5166A	1.5Z25B			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2AC3T	5642	2EZ15D5	5130A	2G805	116	2N97A	101	2N176PUR	121	2N270A	102	2N360	102
2AC3TL	5642	2EZ15DE	5130A	2G-3055	130	2N98A	101	2N176RED	121	2N271A	100	2N361	102
2AC3TR	5642	2EZ16D5	5131A	2G3055	116	2N100	101	2N176W	104	2N271A	100	2N362	102
2AC5T	5643	2EZ17D5	5132A	2GA	110	2N102	101	2N176WHT	121	2N272A	102A	2N362B	102
2AC5TL	5643	2EZ18D5	5133A	2H1254	159	2N104	102A	2N176YEL	121	2N273	102A	2N363	102
2AC5TR	5643	2EZ19D5	5134A	2H1255	159	2N105	102A	2N178	104	2N274	160	2N364	103
2AC6T	5643	2EZ20D5	5135A	2H1256	106	2N106	102A	2N179	104	2N274BLU	160	2N365	103
2AC6TL	5643	2EZ22D5	5136A	2H1257	106	2N107	100	2N180	102A	2N274WHT	160	2N366	103
2AC6TR	5643	2EZ24D5	5137A	2H1258	159	2N108	102A	2N181	103A	2N275	126A	2N367	102
2-AC132	102A(2)	2EZ27D5	5139A	2H1259	159	2N109	102A	2N183	103A	2N276	160	2N368	102
2AC187	176(2)	2EZ30D5	5141A	2HR3J	125	2N109/5	102	2N185	126A	2N277	330	2N369	102
2AC188	158(2)	2EZ33D5	5142A	2HR3M	125	2N109BLU	102A	2N185BLU	102A	2N278	330	2N370	126A
2AD140	121	2EZ36D5	5143A	2HT-6	505	2N109GRN	102A	2N186	102A	2N282	102	2N370/33	126A
2AD149	121MP	2EZ38D5	5144A	2HT-16	504	2N109M1	102A	2N186A	102A	2N283	102A	2N370A	126A
2AFR2PF	156	2EZ43D5	5145A	2J4B41	5315 ♦	2N109M2	102A	2N187	102A	2N285	104	2N371	126A
2AG	161	2EZ47D5	5146A	2J72	160	2N109WHT	102A	2N187A	102A	2N285A	104	2N371/33	126A
2AH	161	2EZ51D5	5147A	2K02	120	2N109YEL	102A	2N188	102A	2N285B	104	2N372	126A
2AM-1	5452	2EZ56D5	5148A	2K02	120	2N111	102	2N188A	102A	2N286	160	2N372/33	126A
2AT-16	503	2EZ60D5	5149A	2K48	160	2N111B	126A	2N189	102	2N290	213	2N373	126A
2B	100	2EZ68D5	5151A	2KBB10R	166	2N111M1	126A	2N190	102	2N291	102A	2N374	126A
2B-2	506	2EZ75D5	5152A	2KBB20R	167	2N111M2	126A	2N191	102	2N292	101	2N375	104
2B3.L	5312	2EZ91D5	5155A	2KBB40R	168	2N112	126A	2N192	102	2N292A	101	2N376	104
2B4B41	5312 ♦	2EZ100D5	5156A	2KBB60R	168	2N112M1	126A	2N193	103	2N293	103	2N376A	104
2B4.E	5313	2EZ110D5	5157A	2KBB80R	170	2N117	123AP	2N194A	103	2N294	1587	2N377	101
2BD181	130MP	2EZ120D5	5158A	2KBB100R	170	2N118	123AP	2N195	102	2N296	104	2N378	104
2BD183	185(2)	2EZ130D5	5159A	2KBP005	166	2N118A	123AP	2N196	102	2N297	121	2N379	179
2BDY38/01	130MP	2EZ140D5	5160A	2KBP02	167	2N120	123AP	2N196A	102	2N297A	121	2N380	104
2C	100	2EZ150D5	5161A	2KBP04	168	2N120	123AP	2N197	102	2N298	126A	2N380/33	160
2C281 (Transistor)	128	2EZ160D5	5162A	2KBP06	169	2N123	100	2N198	102	2N299	160	2N381	101
2CD198S	130	2EZ170D5	5163A	2KBP08	170	2N123A	126A	2N199	102	2N300	102	2N382	101
2CS900	123A	2EZ180D5	5164A	2KBP10	170	2N126	101	2N200	102	2N301A	121	2N393	126A
2CT204	222	2EZ200D5	5166A	2L15	525	2N127	101	2N201	102	2N301B	121	2N394	100
2D	100	2F05	5800	2M78	101	2N128	126A	2N202	102	2N301W	101	2N394A	100
2D001	121	2F20CN1	156	2M214	5073A	2N130	102	2N203	102	2N302	102	2N395	100
2D002	123AP	2F2CN5	156	2M1127	102	2N131	102	2N204	102	2N306	103	2N396	100
2D002-41	123AP	2F4	116	2MA	119	2N131A	102	2N207A	102	2N306A	103A	2N396A	100
2D002-168	123A	2F45	116	2MA509	126A	2N132	102	2N207B	102	2N307	104	2N397	100
2D002-169	123A	2F505	166	2MC	293	2N132A	101	2N207BLU	102	2N307A	104	2N397A	100
2D002-170	123AP	2FB100	166	2MC509	293	2N133	102	2N211	103	2N307B	104	2N400	104
2D002-171	171	2FB200	167	2MW665	109	2N133A	102A	2N212	103	2N308	100	2N401	104
2D002-175	123AP	2FB400	168	2MW742	137A	2N135	100	2N213	103	2N309	100	2N402	102
2D004	121	2FB600	169	2N2324	102	2N136	102	2N215	102A	2N310	102	2N403	100
2D004-9	121	2FB800	170	2N23	102	2N137	100	2N216	103	2N311	100	2N404	101
2D-02	116	2N23	102	2N24	102	2N138	126A	2N217	102A	2N312	101	2N405	102A
2D010	130	2N24	102	2N25	102	2N138A	102A	2N217A	102A	2N313	101	2N406	102A
2D013	102	2G	126A	2N26	102	2N138B	102A	2N217MP	102A	2N314	101	2N406BLU	102A
2D013-13	102	2G4B41	5314 ♦	2N27	100	2N139	102	2N217RED	102A	2N315	100	2N406BRN	102A
2D013-54	102	2G8	100	2N28	101	2N140	126A	2N217WHT	102A	2N315A	102	2N406GRN	102A
2D013-109	102	2G13	116	2N29	101	2N140M1	126A	2N217YEL	102A	2N315B	102	2N406GRN-YEL	102A
2D013-160	102	2G101	126A	2N30	100	2N140M2	126A	2N218	126A	2N316	100	2N406ORN	102A
2D015	121	2G102	160	2N31	100	2N141	102	2N219	160	2N316A	102	2N406RED	102A
2D016	102	2G108	102	2N32	102	2N145	101	2N220	102A	2N317	100	2N407BLK	102A
2D016-45	102	2G109	102	2N33	102	2N146	101	2N222	102	2N317A	100	2N407GRN	102A
2D016-54	102	2G110	160	2N34	102A	2N147	101	2N222A	102A	2N318	126A	2N407RED	102A
2D017	159	2G138	126A	2N35	102A	2N148	101	2N223	102A	2N319	102	2N407YEL	102A
2D017-165	159	2G139	100	2N36	102A	2N148A	103A	2N224	102A	2N320	102A	2N408	102A
2D017-166	159	2G140	102A	2N37	126A	2N148B	103A	2N225	102A	2N321	102	2N408J	102A
2D017-167	159	2G201	160	2N38	126A	2N148C/D	103A	2N226	102A	2N322	102	2N408WHT	102A
2D017-168	159	2G202	160	2N39	102	2N149	103A	2N227	102A	2N323	102	2N409	102A
2D017-169	159	2G210	121	2N40	102	2N149A	103A	2N228	103	2N324	102	2N410	126A
2D020	194	2G220	121	2N41	102	2N149B	158	2N230	104	2N325	104	2N411	126A
2D020-173	194	2G222	121	2N42	102	2N150	101	2N231	126A	2N326	129	2N412	126A
2D020-174	194	2G223	104	2N43	102	2N150A	101	2N232	126A	2N327	100	2N413	100
2D021	100	2G224	121	2N44	102	2N151	102	2N233	103	2N327A	100	2N414	100
2D021-8	100	2G225	121	2N45	102	2N152	102	2N234	121	2N327B	129	2N415	100
2D021-11	100	2G226	179	2N46	102	2N153	102	2N235	103	2N328	129	2N416	100
2D021-56	100	2G227	179	2N47	102	2N154	102	2N236	121	2N329	129	2N417	100
2D022	6400B	2G228	179	2N48	102	2N155	121	2N237	121	2N330	129	2N418	179
2D022-211	6400B	2G240	121	2N49	102	2N157	121	2N238	102	2N331	129	2N419	104
2D023	102	2G270	102	2N50	102	2N159	102	2N239	103	2N332	129	2N420	121
2D026	123AP	2G271	102	2N51	102	2N160	123AP	2N240	104	2N333	129	2N421	100
2D026-274	123AP	2G301	160	2N52	102	2N160A	123AP	2N241	104	2N334	129	2N422	102
2D027	159	2G302	102	2N53	102	2N161	123AP	2N242	104	2N335	129	2N423	102
2D030	6410	2G303	102A	2N54	102	2N161A	123AP	2N243A	121	2N336	129	2N424	102
2D031	457	2G304	102A	2N55	102	2N162	123AP	2N244	104	2N337	129	2N425	102
2D033	289A	2G308	102A	2N56	102	2N162A	107	2N245	104	2N338	129	2N426	100
2D036	102A	2G309	102A	2N57	102	2N163	123AP	2N246	104	2N339	129	2N427	100
2D038	313	2G319	102	2N58	102	2N163A	123AP	2N247	104	2N340	129	2N428	100
2D039	102A	2G320	102	2N59	100	2N164	101	2N248	104	2N341	129	2N429	100
2D040	396	2G321	102	2N60	100	2N164A	101	2N249	104	2N342	129	2N430	100
2D2B41	5313 ♦	2G322	102	2N61	100	2N165	101	2N250	104	2N343	129	2N431	123
2D7A	5096A	2G323	102	2N62	102A	2N166	101	2N251	121	2N344	129	2N432	123
2D41	5400	2G324	102	2N63	102A	2N167	101	2N252	126A	2N345	129	2N433	123
2D165	177	2G325	103	2N64	102A	2N167A	101	2N253	101	2N346	129	2N434	103
2DL15	506	2G339A	101	2N65	102	2N168	101	2N254	101	2N347	129	2N435	103
2DL-15	558	2G344	102A	2N66	102	2N168A	101	2N255	104	2N348	129	2N436	103
2DO13-54	102	2G345	102A	2N67	102	2N169	101	2N256	104	2N349	129	2N437	103
2DO13-109	102	2G371	102A	2N68	102	2N169A	101	2N257	104	2N350	129	2N438	103
2DO16	102	2G371A	102A	2N69	102	2N170	101	2N258	104				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2N459	179	2N564	102	2N682	5521	2N750	194	2N914	123A	2N1031C	179	2N1162	179
2N459A	179	2N565	102A	2N682A	5521	2N751	123A	2N914/51	106	2N1032	179	2N1162A	179
2N460	102	2N566	102	2N682X	5521	2N752	123A	2N914A	123A	2N1032A	179	2N1163	179
2N462	102	2N567	102A	2N683	5522	2N753	123A	2N915	123A	2N1032B	179	2N1163A	179
2N466	102	2N568	102	2N683X	5522	2N753/46	123A	2N915A	123A	2N1032C	179	2N1164	179
2N467	102	2N569	102A	2N683X	5522	2N754	123A	2N916	123A	2N1033	121	2N1164A	179
2N468	102	2N570	102	2N684	5524	2N755	128	2N916A	123A	2N1034	129	2N1165	179
2N470	123	2N571	102A	2N684A	5524	2N756	123A	2N917	123A	2N1035	129	2N1166	179
2N471	123	2N572	100	2N685	5524	2N756A	123A	2N917A	161	2N1036	129	2N1166A	179
2N471A	123	2N573BRN	102	2N685X	5524	2N757	123A	2N918	108	2N1037	129	2N1167	179
2N472	123A	2N573ORN	102	2N686	5527	2N757A	123A	2N919	123A	2N1038	176	2N1167	179
2N472A	123A	2N573RED	102	2N686A	5527	2N758	123A	2N920	123A	2N1042	126A	2N1168	121
2N473	123	2N574	102A	2N687	5527	2N758A	123A	2N921	123A	2N1043	126A	2N1169	103
2N474	123	2N575A	213	2N687A	5527	2N758B	123A	2N922	123A	2N1044	102	2N1170	103
2N474A	123	2N576	101	2N687X	5527	2N759	123A	2N923	159	2N1045	102	2N1171	100
2N475	123A	2N578	100	2N688	5527	2N759A	123A	2N924	159	2N1046	179	2N1173W	103A
2N475A	123A	2N579	100	2N688A	5527	2N759B	123A	2N925	159	2N1051	129	2N1174	102
2N476	123	2N580	100	2N688X	5527	2N760	123A	2N926	159	2N1052	154	2N1174W	176
2N477	123	2N581	100	2N689	5529	2N760A	123A	2N927	159	2N1053	154	2N1176	100
2N478	123	2N582	100	2N689A	5529	2N760B	123A	2N928	159	2N1054	154	2N1182	179
2N479	123	2N583	100	2N689X	5529	2N761	123A	2N929	123A	2N1055	128	2N1184	176
2N479A	123	2N584	102A	2N690	5529	2N762	123A	2N930/46	123A	2N1056	102	2N1184A	176
2N480	123A	2N585	103A	2N690X	5529	2N763	123A	2N930A/46	123A	2N1057	102	2N1184B	176
2N480A	123A	2N588	126A	2N691	5531	2N764	126A	2N930B	123A	2N1058	101	2N1196	159
2N480B	128	2N588A	126A	2N691X	5531	2N770	123	2N930/46	123A	2N1060	108	2N1197	129
2N481	100	2N591	102A	2N692	5531	2N771	123	2N930A	123A	2N1069	130	2N1198	101
2N482	100	2N591/5	102A	2N692X	5531	2N772	123	2N930A/46	123A	2N1070	130	2N1199	123
2N483	100	2N591-6M	126A	2N694	126A	2N773	123	2N930B	123A	2N1073	179	2N1199A	123
2N483-6M	102	2N591A	102A	2N696	123	2N774	123	2N933	126A	2N1073A	179	2N1200	123
2N483B	102	2N592	100	2N696A	128	2N775	123	2N934	126A	2N1077	123A	2N1201	123
2N484	100	2N593	100	2N697	128	2N776	123	2N935	159	2N1081	128	2N1204	126A
2N485	100	2N594	101	2N697A	128	2N777	123	2N936	159	2N1082	123	2N1204A	126A
2N486	100	2N595	101	2N697L	128	2N778	123	2N937	159	2N1086	101	2N1205	123
2N486B	100	2N596	101	2N697S	128	2N779	126A	2N938	159	2N1086A	101	2N1207	154
2N487	100	2N598	100	2N698	396	2N779A	126A	2N939	159	2N1087	101	2N1208	73
2N491	6400B	2N599	100	2N699	396	2N779B	160	2N940	159	2N1090	101	2N1209	73
2N495	106	2N600	126A	2N699A B	396	2N780	123A	2N941	159	2N1092	128	2N1212	73
2N495/18	106	2N602A	126A	2N699L	128	2N781	126A	2N942	159	2N1093	102	2N1213	73
2N496	106	2N603	126A	2N699S	128	2N782	126A	2N943	159	2N1094	160	2N1214	126A
2N497	128	2N603A	126A	2N700	160	2N783	123A	2N944	159	2N1095	103	2N1215	126A
2N497A	128	2N604	126A	2N700/18	160	2N784	123A	2N945	159	2N1096	103	2N1216	126A
2N498	128	2N604A	126A	2N700A	160	2N784A	123A	2N946	159	2N1097	102	2N1217	101
2N499	126A	2N605	126A	2N700A/18	160	2N789	123	2N947	123A	2N1098	102	2N1219	159
2N499A	126A	2N606	126A	2N701	123	2N790	123	2N956	123A	2N1099	105	2N1220	159
2N500	126A	2N607	126A	2N702	123A	2N791	123	2N957	123A	2N1101	103	2N1221	159
2N500BLU	126A	2N608	126A	2N703	123A	2N792	123	2N960	126A	2N1103	123A	2N1222	159
2N500FED	126A	2N609	102	2N705	126A	2N793	123	2N960/46	160	2N1104	123A	2N1223	159
2N500WHT	126A	2N610	102	2N705A	126A	2N794	126A	2N961	126A	2N1107	126A	2N1227	104
2N501	126A	2N611	102	2N706	123A	2N795	126A	2N962	126A	2N1108	126A	2N1227-3	104
2N501/18	126A	2N612	102	2N706/46	123A	2N796	126A	2N963	126A	2N1108RED	126A	2N1227-4	104
2N501A	126A	2N613	102	2N708A	123A	2N799	102	2N964	126A	2N1109	126A	2N1227-4R	104
2N502	126A	2N614	100	2N708B	123A	2N800	102A	2N964/46	160	2N1110	126A	2N1227A	104
2N502A	126A	2N615	100	2N708B46	123A	2N811	100	2N964A	126A	2N1111	126A	2N1228	129
2N502B	126A	2N616	100	2N708C	123A	2N812	100	2N965	126A	2N1111A	126A	2N1229	129
2N503	126A	2N617	100	2N707	311	2N813	102A	2N966	126A	2N1111B	126A	2N1230	129
2N504	126A	2N619	123A	2N707A	123A	2N814	102A	2N967	126A	2N1111RED	126A	2N1231	129
2N505	126A	2N620	123A	2N708	123A	2N817	158	2N968	160	2N1112	101	2N1232	129
2N506	126A	2N621	123A	2N708/46	123A	2N818	158	2N969	126A	2N1114	101	2N1233	129
2N508	102	2N622	123A	2N708A	123A	2N819	102A	2N970	126A	2N1115	102A	2N1234	129
2N508A	102	2N623	126A	2N709	108	2N820	102A	2N971	126A	2N1115A	160	2N1238	106
2N509	160	2N624	126A	2N709/46	278	2N821	101	2N972	126A	2N1116	128	2N1239	106
2N512B	104	2N625	103	2N709/52	108	2N822	101	2N973	126A	2N1117	128	2N1240	106
2N514	179	2N627	179	2N709A	108	2N823	101	2N974	126A	2N1118	159	2N1241	106
2N514A	179	2N628	179	2N709A46	179	2N824	101	2N975	126A	2N1118A	159	2N1245	104
2N514B	179	2N629	179	2N710	126A	2N827	126A	2N976	160	2N1119	159	2N1247	123
2N515	103	2N630	179	2N710A	123A	2N828	126A	2N977	126A	2N1120	179	2N1248	123
2N516	103	2N631	102	2N711	289A	2N828A	126A	2N978	106	2N1121	101	2N1249	123
2N517	103	2N632	102	2N711A	126A	2N829	126A	2N979	126A	2N1122	160	2N1251	103
2N518	100	2N633	102	2N711B	126A	2N834	123A	2N980	126A	2N1122A	160	2N1252	123
2N519	100	2N633B	102	2N715	123A	2N834A	123A	2N981	128	2N1126	102	2N1253	123
2N519A	100	2N634	101	2N716A	123A	2N835	123A	2N982	126A	2N1128	176	2N1254	129
2N520	100	2N634A	101	2N717	126A	2N837	126A	2N983	126A	2N1130	102A	2N1255	129
2N520A	100	2N637	104	2N717A	108	2N838	126A	2N984	126A	2N1131	129	2N1256	159
2N521	100	2N637A	104	2N718	123A	2N839	126A	2N985	126A	2N1131/46	129	2N1257	159
2N521A	100	2N638	104	2N718A	123A	2N840	123A	2N986	126A	2N1131A	129	2N1258	129
2N522	100	2N638A	104	2N719	194	2N841	123A	2N988	123A	2N1132	129	2N1259	129
2N522A	100	2N639	104	2N719A	194	2N842	123A	2N989	123A	2N1132/46	129	2N1262	105
2N523	100	2N639A	104	2N720	194	2N843	123A	2N990	126A	2N1132A	129	2N1264	100
2N523A	100	2N641REDM/F	126A	2N720A	194	2N844	123A	2N991	126A	2N1132A46	129	2N1265	102
2N529	100	2N643	126A	2N721	159	2N845	128	2N992	126A	2N1132B	129	2N1265A	102
2N530	100	2N644	126A	2N721A	159	2N846	160	2N993	126A	2N1132B46	129	2N1266	126A
2N531	100	2N645	126A	2N722	159	2N846A	126A	2N994	126A	2N1135	159	2N1267	123
2N532	100	2N646	103A	2N722A	159	2N846B	160	2N995	106	2N1135A	159	2N1268	123
2N533	100	2N647	103A	2N723	106	2N849	108	2N995A	106	2N1136	104	2N1269	123
2N534	102A	2N647/22	103A	2N725	126A	2N850	108	2N996	106	2N1136A	104	2N1270	123
2N535	102A	2N648	103	2N726	106	2N851	108	2N997	46	2N1137	104	2N1271	123
2N535A	102A	2N649	103A	2N727	106	2N852	108	2N1005	108	2N1137A	179	2N1272	123
2N535B	102A	2N649/5	103A	2N728	123	2N858	159	2N1006	123	2N1138</			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2N1300	126A	2N1487	280	2N1601	5471	2N1773A	5483	2N1963	123A	2N2144	104	2N2270S	128
2N1302	101	2N1488	280	2N1602	5472	2N1774	5483	2N1964	123A	2N2144A	104	2N2271	102
2N1303	102	2N1489	280	2N1603	5474	2N1774A	5483	2N1965	123A	2N2145	104	2N2272	123A
2N1304	101	2N1490	283	2N1604	5474	2N1775	5485	2N1969	100	2N2145A	104	2N2273	126A
2N1305	102	2N1491	128	2N1606	129	2N1775A	5485	2N1970	213	2N2147	121	2N2274	159
2N1306	101	2N1492	128	2N1607	159	2N1776	5485	2N1971	121	2N2148	121	2N2275	159
2N1307	100	2N1493	154	2N1608	159	2N1776A	5485	2N1972	128	2N2150	75	2N2276	159
2N1314	104	2N1499	126A	2N1613	128	2N1776B	5485	2N1973	128	2N2151	75	2N2277	159
2N1314R	104	2N1499A	126A	2N1613/46	123A	2N1777	5485	2N1974	128	2N2152	213	2N2278	159
2N1315	176	2N1499B	126A	2N1613L	128	2N1777A	5485	2N1975	128	2N2152A	213	2N2279	159
2N1316	100	2N1500	126A	2N1613S	128	2N1778	5487	2N1980	213	2N2153	213	2N2280	159
2N1317	100	2N1505	123A	2N1614	158	2N1778A	5487	2N1981	213	2N2153A	213	2N2281	159
2N1318	100	2N1506	123A	2N1615	128	2N1779	101	2N1982	213	2N2154	213	2N2285	179
2N1319	100	2N1506A	128	2N1616	73	2N1780	101	2N1983	128	2N2154A	213	2N2286	179
2N1335	154	2N1507	128	2N1616A	73	2N1781	101	2N1984	128	2N2155	213	2N2288	179
2N1336	154	2N1510	101	2N1617	73	2N1782	160	2N1985	128	2N2155A	213	2N2289	179
2N1337	154	2N1515	126A	2N1617A	73	2N1783	101	2N1986	128	2N2156	213	2N2290	179
2N1338	128	2N1516	126A	2N1618	73	2N1784	160	2N1987	128	2N2156A	213	2N2291	179
2N1339	154	2N1517	126A	2N1618A	73	2N1785	126A	2N1988	128	2N2157	213	2N2292	179
2N1340	154	2N1517A	160	2N1623	129	2N1786	126A	2N1989	128	2N2157A	213	2N2294	121
2N1341	154	2N1518	213	2N1624	101	2N1787	126A	2N1990	128	2N2158	213	2N2295	121
2N1342	154	2N1519	213	2N1631	126A	2N1837	128	2N1990R	128	2N2158A	213	2N2297	128
2N1343	100	2N1520	28	2N1632	126A	2N1837A	128	2N1990S	128	2N2159	213	2N2299	159
2N1344	100	2N1521	213	2N1633	126A	2N1838	128	2N1991	159	2N2159A	213	2N2303	159
2N1345	100	2N1522	28	2N1634	126A	2N1839	128	2N1992	123A	2N2160	6400B	2N2309	123
2N1346	100	2N1523	28	2N1635	126A	2N1840	123A	2N1993	103	2N2161	128	2N2310	287
2N1347	100	2N1524	126A	2N1636	126A	2N1842	5501	2N1994	101	2N2162	159	2N2311	287
2N1352	102	2N1524-1	160	2N1637	126A	2N1842A	5501	2N1995	101	2N2163	159	2N2313	287
2N1353	102	2N1524-2	160	2N1637/33	160	2N1843	5501	2N1996	101	2N2164	159	2N2314	123A
2N1354	100	2N1524/33	160	2N1638	126A	2N1843A	5501	2N2001	102	2N2165	159	2N2315	123A
2N1355	100	2N1525	160	2N1639	126A	2N1843AX	5501	2N2002	159	2N2166	159	2N2316	287
2N1356	100	2N1526	126A	2N1639/33	160	2N1843B	5501	2N2003	159	2N2167	159	2N2317	128
2N1358	213	2N1526/33	160	2N1640	106	2N1843X	5501	2N2004	159	2N2168	126A	2N2318	123A
2N1358A	213	2N1527	126A	2N1641	106	2N1844	5502	2N2005	159	2N2169	126A	2N2319	123A
2N1358M	213	2N1528	123	2N1642	106	2N1844A	5502	2N2006	159	2N2170	126A	2N2320	123A
2N1359	121	2N1529	179	2N1643	159	2N1844AX	5502	2N2007	159	2N2172	100	2N2330	123
2N1360	179	2N1529A	179	2N1644	128	2N1844B	5502	2N2008	154	2N2173	176	2N2331	123A
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2N1362	179	2N1531A	179	2N1648	75	2N1845A	5504	2N2032	108	2N2177	106	2N2334	159
2N1363	179	2N1532	179	2N1649	75	2N1845B	5504	2N2033	282S	2N2178	159	2N2335	159
2N1366	101	2N1534	179	2N1650	75	2N1846	5504	2N2034	282S	2N2180	126A	2N2336	159
2N1367	101	2N1534A	179	2N1651	179	2N1846A	5504	2N2038	128	2N2181	159	2N2337	159
2N1370	102	2N1536	179	2N1652	179	2N1846AX	5504	2N2039	159	2N2182	159	2N2340	123A
2N1372	102	2N1537	179	2N1654	129	2N1846B	5504	2N2040	128	2N2183	159	2N2350	128
2N1374	102	2N1537A	179	2N1655	288	2N1846X	5504	2N2041	128	2N2184	159	2N2350A	128
2N1376	102	2N1539	179	2N1656	288	2N1847	5507	2N2048	126A	2N2185	159	2N2351	128
2N1378	102	2N1539A	179	2N1663	123	2N1847A	5507	2N2048A	126A	2N2186	159	2N2351A	128
2N1379	102	2N1540	179	2N1665	160	2N1847B	5507	2N2049	128	2N2187	159	2N2352	128
2N1380	102	2N1540A	179	2N1666	179	2N1848	5507	2N2059	126A	2N2188	126A	2N2352A	128
2N1381	102	2N1541	179	2N1667	121	2N1848A	5507	2N2061	104	2N2189	126A	2N2353	128
2N1382	102	2N1541A	179	2N1668	104	2N1848AX	5507	2N2061A	104	2N2192	128	2N2354	128
2N1383	102	2N1542	179	2N1669	104	2N1848B	5507	2N2062	104	2N2192A	128	2N2355	103
2N1384	126A	2N1542A	179	2N1671	6400B	2N1848X	5507	2N2062A	104	2N2192B	128	2N2363	160
2N1386	123	2N1543A	179	2N1673	160	2N1849	5507	2N2063	104	2N2193	128	2N2364	396
2N1387	123	2N1544	179	2N1674	123A	2N1849A	5507	2N2063A	104	2N2193A	128	2N2364A	396
2N1388	123A	2N1544A	179	2N1676	159	2N1849AX	5507	2N2064	104	2N2194	128	2N2366	123A
2N1389	123A	2N1545	179	2N1677	159	2N1849B	5507	2N2064A	104	2N2195	128	2N2368	123A
2N1390	123	2N1545A	179	2N1681	102	2N1849X	5507	2N2065	104	2N2194A	128	2N2369	123A
2N1391	103	2N1546	179	2N1682	123	2N1850	5509	2N2065A	104	2N2194B	128	2N2369/46	123A
2N1392	102	2N1546A	179	2N1683	126A	2N1850A	5509	2N2066	104	2N2195	128	2N2369A	123A
2N1393	100	2N1547	179	2N1684	100	2N1850AX	5509	2N2066A	104	2N2195A	128	2N2369A/A	123A
2N1398	126A	2N1547A	179	2N1685	101	2N1850B	5509	2N2068	179	2N2196	128	2N2370	159
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2N1400	126A	2N1549A	179	2N1699	126A	2N1853	126A	2N2075	213	2N2197	108	2N2372	159
2N1401	126A	2N1550	179	2N1700	128	2N1854	126A	2N2075A	213	2N2198	128	2N2373	159
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2N1402	160	2N1551	179	2N1703	130	2N1864	126A	2N2076A	213	2N2200	126A	2N2377	159
2N1403	160	2N1551A	179	2N1704	123A	2N1865	126A	2N2077	213	2N2205	123A	2N2378	159
2N1404	102	2N1552	179	2N1705	102	2N1868	126A	2N2077A	213	2N2206	123A	2N2380	128
2N1404A	100	2N1552A	179	2N1706	102	2N1889	128	2N2078	213	2N2209	102	2N2380A	128
2N1405	160	2N1553	179	2N1707	102	2N1890	128	2N2078A	213	2N2210	102	2N2381	126A
2N1406	160	2N1553A	179	2N1708	123A	2N1891	101	2N2079	213	2N2217	128	2N2386	460
2N1407	160	2N1554	179	2N1708A	123A	2N1892	102	2N2079A	213	2N2218	128	2N2386A	460
2N1409	123	2N1554A	179	2N1711	128	2N1893	154	2N2080	213	2N2218A	128	2N2393	159
2N1409A	123A	2N1555	179	2N1711/46	123A	2N1893/46	154	2N2080A	213	2N2219	128	2N2394	159
2N1410	123A	2N1555A	179	2N1711A	128	2N1893A	154	2N2081	213	2N2219A	123A	2N2397	123
2N1410A	123A	2N1556	179	2N1711B	128	2N1893L	128	2N2081A	213	2N2220	123A	2N2400	126A
2N1411	160	2N1556A	179	2N1711S	128	2N1893S	128	2N2082	213	2N2220A	123A	2N2401	126A
2N1412	213	2N1557	179	2N1713	126A	2N1905	127	2N2082A	213	2N2221	123A	2N2402	126A
2N1415	102A	2N1557A	179	2N1714	128	2N1907	128	2N2083	126A	2N2221A	123A	2N2405	282S
2N1417	123	2N1558	179	2N1715	396	2N1907A	179	2N2086	154	2N2222	123A	2N2405L	282S
2N1418	123	2N1558A	179	2N1716	128	2N1917	288	2N2089	126A	2N2222A	123A	2N2405S	128
2N1419	179	2N1559	179	2N1717	396	2N1918	288	2N2090	126A	2N2222A	123A	2N2406	176
2N1420	128	2N1559A	179	2N1724	73	2N1919	159	2N2091	126A	2N2223A	81	2N2410	128
2N1420A	128	2N1560	179	2N1724A	73	2N1920	159	2N2092	126A	2N2224	12		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2N2453	.81	2N2640	.81 ♦	2N2852	.2825	2N2993	.95 ♦	2N3241A	.123A	2N3417	.192A	2N3639	.159
2N2454	.5474	2N2641	.81	2N2852-1	.2825	2N2994	.95 ♦	2N3242	.123A	2N3426	.195A	2N3640	.159
2N2455	.160	2N2642	.81 ♦	2N2852-2	.74	2N2996	.160	2N3242A	.123A	2N3436	.312	2N3641	.123A
2N2456	.160	2N2643	.81 ♦	2N2853	.2825	2N2997	.160	2N3244	.129	2N3437	.459	2N3642	.123A
2N2459	.287	2N2644	.81	2N2853-1	.2825	2N2998	.160	2N3245	.129	2N3438	.312	2N3643	.123A
2N2460	.287	2N2645	.123A	2N2855	.2825	2N2999	.160	2N3246	.123A	2N3439	.396	2N3644	.159
2N2461	.287	2N2646	.6401	2N2855-1	.2825	2N3009	.123A	2N3248	.159	2N3440	.396	2N3645	.129
2N2462	.287	2N2647	.6409	2N2856	.2825	2N3010	.108	2N3249	.159	2N3441	.384	2N3646	.123A
2N2463	.128	2N2648	.100	2N2856-1	.2825	2N3011	.123A	2N3250	.159	2N3442	.87	2N3647	.123A
2N2464	.128	2N2651	.123A	2N2857	.316	2N3012	.159	2N3250A	.159	2N3443	.126A	2N3648	.123A
2N2465	.128	2N2653	.5474	2N2860	.160	2N3019	.396	2N3251	.159	2N3444	.128	2N3649	.5360
2N2466	.128	2N2654	.160	2N2861	.159	2N3014	.123A	2N3251A	.159	2N3445	.385	2N3650	.5360
2N2468	.102	2N2655	.123A	2N2862	.159	2N3015	.123A	2N3251S	.128	2N3446	.385	2N3651	.5360
2N2469	.102	2N2671	.160	2N2863	.128	2N3019S	.396	2N3259	.5401	2N3447	.281	2N3652	.5360
2N2475	.108	2N2672	.176	2N2864	.128	2N3020	.128	2N3261	.123A	2N3448	.126A	2N3653	.5360
2N2476	.123A	2N2672A	.160	2N2865	.161	2N3020S	.128	2N3262	.2825	2N3450	.396	2N3654	.5360
2N2477	.123A	2N2672BLK	.160	2N2868	.128	2N3026	.37	2N3265	.71	2N3451	.159	2N3655	.5360
2N2479	.128	2N2672GRN	.160	2N2869	.178	2N3026A	.37	2N3265S	.71	2N3452	.312	2N3656	.5360
2N2480	.81	2N2673	.123A	2N2870/2N301	.123A	2N3026	.37	2N3266	.160	2N3453	.312	2N3657	.5360
2N2480A	.81	2N2674	.123A	2N2870	.121	2N3027	.5400	2N3268	.123A	2N3454	.312	2N3658	.5360
2N2481	.123A	2N2675	.123A	2N2873	.160	2N3028	.5401	2N3279	.160	2N3455	.312	2N3660	.323
2N2483	.123A	2N2676	.123A	2N2877	.75	2N3029	.5401	2N3280	.160	2N3456	.312	2N3661	.323
2N2484	.123A	2N2677	.123A	2N2878	.75	2N3030	.5401	2N3281	.160	2N3457	.312	2N3662	.107
2N2487	.128	2N2678	.123A	2N2879	.75	2N3031	.5401	2N3282	.160	2N3458	.123A	2N3663	.107
2N2488	.126A	2N2679	.5400	2N2880	.75	2N3032	.5402	2N3283	.160	2N3459	.312	2N3664	.128
2N2489	.126A	2N2680	.5401	2N2883	.123A	2N3033	.5402	2N3284	.160	2N3465	.312	2N3666	.128
2N2489A	.128	2N2680A	.5401	2N2884	.123A	2N3035	.312	2N3285	.160	2N3467	.129	2N3667	.130
2N2490	.213	2N2681	.5400	2N2885	.5524	2N3036	.128	2N3286	.160	2N3467S	.129	2N3668	.314
2N2491	.213	2N2686	.5401	2N2889	.5527	2N3039	.129	2N3287	.161	2N3468	.129	2N3669	.314
2N2492	.213	2N2689	.5402	2N2890	.128	2N3040	.129	2N3288	.161	2N3468S	.129	2N3670	.314
2N2493	.213	2N2690	.5404	2N2891	.128	2N3053	.128	2N3289	.161	2N3478	.316	2N3671	.129
2N2497	.326	2N2691	.179	2N2892	.74	2N3054	.394	2N3290	.161	2N3479	.316	2N3672	.159
2N2498	.460	2N2691A	.179	2N2893	.74	2N3054A	.241 ♦	2N3291	.161	2N3480	.159	2N3673	.159
2N2501	.123A	2N2692	.123A	2N2894	.159	2N3055	.130	2N3291S	.161	2N3485A	.159	2N3674	.159
2N2509	.154	2N2693	.123A	2N2894A	.159	2N3055-1	.130	2N3292	.161	2N3486	.159	2N3675	.128
2N2510	.128	2N2695	.159	2N2895	.128	2N3055A	.130	2N3293	.161	2N3486A	.159	2N3681	.161
2N2511	.128	2N2696	.159	2N2896	.2825	2N3055H	.130	2N3294	.161	2N3493	.161	2N3682	.108
2N2512	.123A	2N2697	.159	2N2897	.128	2N3056	.128	2N3295	.161	2N3494	.129	2N3683	.161
2N2515	.123A	2N2706	.158	2N2898	.396	2N3056A	.396	2N3296S	.311	2N3495	.288	2N3684	.459
2N2516	.128	2N2707	.158	2N2899	.396	2N3057	.287	2N3300	.123A	2N3495S	.288	2N3684A	.312
2N2517	.287	2N2708	.316	2N2900	.128	2N3057A	.396	2N3300S	.311	2N3496	.159	2N3685	.312
2N2518	.287	2N2709	.159	2N2903	.81	2N3058	.159	2N3301	.123A	2N3497	.288	2N3685A	.312
2N2519	.287	2N2710	.311	2N2903A	.81	2N3059	.159	2N3302	.128	2N3498	.129	2N3686	.312
2N2520	.287	2N2711	.108	2N2904	.129	2N3060	.159	2N3303	.106	2N3502	.129	2N3686A	.312
2N2521	.287	2N2712	.289A	2N2904A	.129	2N3062	.159	2N3305	.159	2N3503	.129	2N3687	.312
2N2522	.287	2N2713	.289A	2N2905	.129	2N3066	.312	2N3306	.159	2N3504	.159	2N3687A	.311
2N2523	.128	2N2714	.580A	2N2906A	.129	2N3067	.312	2N3307	.159	2N3505	.159	2N3688	.123A
2N2524	.123A	2N2715	.107	2N2906	.159	2N3068	.312	2N3308	.159	2N3506	.2825	2N3689	.123A
2N2526	.179	2N2716	.107	2N2906A	.159	2N3070	.312	2N3310	.123A	2N3507	.2825	2N3690	.123A
2N2529	.123A	2N2717	.126A	2N2907	.159	2N3071	.312	2N3311	.213	2N3508	.123A	2N3691	.123A
2N2530	.123A	2N2718	.126A	2N2907A	.159	2N3072	.159	2N3312	.213	2N3509	.123A	2N3692	.123A
2N2531	.123A	2N2719	.123A	2N2909	.128	2N3073	.159	2N3313	.213	2N3510	.123A	2N3693	.123A
2N2532	.123A	2N2720	.81 ♦	2N2913	.81	2N3074	.160	2N3314	.213	2N3511	.123A	2N3694	.123A
2N2533	.123A	2N2721	.81 ♦	2N2915	.81	2N3075	.100	2N3315	.213	2N3512	.123A	2N3700	.154
2N2534	.123A	2N2722	.81	2N2915A	.81	2N3077	.128	2N3316	.213	2N3525	.5512	2N3701	.154
2N2537	.128	2N2729	.311	2N2917	.81	2N3078	.128	2N3317	.213	2N3526	.154	2N3702	.290A
2N2538	.128	2N2771	.70	2N2919	.81 ♦	2N3081	.159	2N3318	.159	2N3527	.154	2N3703	.290A
2N2539	.123A	2N2783	.126A	2N2919A	.81 ♦	2N3082	.107	2N3319	.159	2N3528	.5408	2N3704	.85
2N2540	.123A	2N2784	.108	2N2921	.289A	2N3083	.107	2N3320	.126A	2N3544	.311	2N3705	.85
2N2540A	.195A	2N2784/46	.278	2N2922	.289A	2N3084	.312	2N3321	.126A	2N3545	.159	2N3706	.85
2N2541	.176	2N2784/52	.108	2N2923	.289A	2N3085	.312	2N3322	.126A	2N3546	.159	2N3707	.289A
2N2551	.288	2N2786	.160	2N2924	.289A	2N3086	.312	2N3323	.126A	2N3547	.159	2N3708	.85
2N2559	.123A	2N2786A	.160	2N2924-18	.123A	2N3087	.312	2N3324	.126A	2N3548	.159	2N3709	.289A
2N2570	.123A	2N2787	.128	2N2925	.289A	2N3088	.312	2N3325	.126A	2N3549	.159	2N3710	.85
2N2571	.123A	2N2788	.128	2N2926	.289A	2N3088A	.312	2N3326	.128	2N3550	.159	2N3711	.289A
2N2572	.123A	2N2789	.128	2N2926-6	.289A	2N3089	.312	2N3329	.460	2N3554	.195A	2N3712	.154
2N2586	.123A	2N2789S	.128	2N2926G	.289A	2N3089A	.312	2N3330	.460	2N3562	.108	2N3712S	.154
2N2587	.160	2N2790	.123A	2N2926GRN	.289A	2N3091	.5572	2N3331	.460	2N3563	.108	2N3713	.385
2N2588	.126A	2N2791	.123A	2N2926ORN	.289A	2N3092	.5574	2N3332	.460	2N3563-1	.108	2N3713HS	.284
2N2590	.129	2N2792	.123A	2N2927	.159	2N3093	.5574	2N3337	.161	2N3564	.123A	2N3714	.385
2N2591	.129	2N2795	.126A	2N2927/46	.159	2N3094	.5574	2N3338	.161	2N3565	.123A	2N3714HS	.284
2N2592	.129	2N2796	.126A	2N2928	.160	2N3095	.5574	2N3339	.161	2N3566	.123A	2N3715(Fast Sw)	.385
2N2593	.129	2N2797	.160	2N2929	.160	2N3096	.5574	2N3340	.123A	2N3567	.123A	2N3715(Gen. Purp.)	.385
2N2594	.128	2N2798	.160	2N2930	.102	2N3097	.5574	2N3341	.159	2N3568	.128	2N3716(Fast Sw)	.284
2N2595	.159	2N2799	.160	2N2931	.199	2N3107	.128	2N3342	.106	2N3569	.128	2N3716(Gen. Purp.)	.284
2N2596	.159	2N2800	.129	2N2932	.199	2N3108	.128	2N3343	.129	2N3570	.316	2N3721	.289A
2N2597	.159	2N2800/46	.159	2N2933	.199	2N3109	.128	2N3344	.129	2N3571	.316	2N3722	.128
2N2598	.288	2N2801	.159	2N2934	.199	2N3110	.128	2N3345	.129	2N3572	.316	2N3723	.128
2N2599	.288	2N2801/46	.129	2N2935	.199	2N3111	.154	2N3346	.159	2N3576	.106	2N3724	.311
2N2599A	.288	2N2802	.82 ♦	2N2938	.123A	2N3114	.123A	2N3347	.82	2N3578(SGD)	.326 ♦	2N3725	.123A
2N2600	.288	2N2803	.82 ♦	2N2939	.128	2N3116	.123A	2N3348	.82	2N3579	.159	2N3726	.82
2N2600A	.288	2N2804	.82 ♦	2N2940	.396	2N3117	.159	2N3349	.82	2N3580	.159	2N3727	.82
2N2601	.159	2N2805	.82 ♦	2N2941	.396	2N3120	.129	2N3350	.82	2N3581	.159	2N3730	.127
2N2602	.159	2N2806	.82 ♦	2N2943	.160	2N3121	.159	2N3351	.82	2N3582	.159	2N3731	.127
2N2603	.159	2N2807	.82 ♦	2N2944	.159	2N3122	.128	2N3352	.82	2N3583	.175	2N3732	.127
2N2604	.159	2N2811	.73	2N2944A	.159	2N3123	.123A	2N3371					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2N3779	129	2N3931	159	2N4142	159	2N4374	5577	2N4913	280	2N5129	123A	2N5315	73 ♦
2N3780	129	2N3932	161	2N4143	159	2N4375	5579	2N4914	280	2N5130	161	2N5317	72 ♦
2N3781	322	2N3933	161	2N4144	5400	2N4376	5579	2N4915	280	2N5131	123AP	2N5319	72 ♦
2N3783	160	2N3946	123A	2N4145	5400	2N4377	5579	2N4916	159	2N5132	161	2N5320	282S
2N3784	160	2N3947	123A	2N4146	5401	2N4381	460	2N4917	159	2N5133	161	2N5320HS	192
2N3785	160	2N3948	311	2N4147	5402	2N4383	128	2N4918	185	2N5134	123A	2N5321	282S
2N3789	219	2N3953	316	2N4148	5404	2N4385	153	2N4919	185	2N5135	123	2N5322	323
2N3790	219	2N3957	461	2N4149	5404	2N4387	128	2N4920	185 ♦	2N5136	123	2N5331	70 ♦
2N3791	219	2N3959	278	2N4167	5481	2N4388	153	2N4921	184	2N5137	123A	2N5346	96
2N3792	219	2N3960	278	2N4168	5481	2N4389	159	2N4922	184	2N5138	159	2N5347	96
2N3792(Gen.Purp.)	285	2N3962	159	2N4169	5482	2N4391	466	2N4923	184	2N5139	159	2N5348	96
2N3793	123AP	2N3963	159	2N4170	5483	2N4392	466	2N4924	282S	2N5140	106	2N5349	96
2N3794	123AP	2N3964	159	2N4171	5485	2N4395	130	2N4925	154	2N5141	106	2N5352	106
2N3795	323	2N3965	159	2N4172	5485	2N4396	130	2N4926	154	2N5142	159	2N5354	290A
2N3796	462	2N3967(S,D,G,C)	456	2N4173	5487	2N4398	180	2N4927	154	2N5143	159	2N5355	290A
2N3797	462	2N3968	312	2N4174	5487	2N4399	180	2N4928	129	2N5145	123A	2N5356	159
2N3798	159	2N3968(S,D,G,C)	456 ♦	2N4175	5481	2N4400	123AP	2N4930	397	2N5156	179	2N5365	159
2N3798A	159	2N3968A(S,D,G,C)	456 ♦	2N4176	5481	2N4401	123AP	2N4931	397	2N5157	283	2N5366	159
2N3799	159	2N3969	312	2N4177	5482	2N4402	159	2N4931S	397	2N5163	312	2N5367	159
2N3799A	159	2N3969A	312	2N4178	5483	2N4403	159	2N4934	316	2N5164	551A	2N5368	123AP
2N3800	82	2N3970	466	2N4179	5485	2N4404	129	2N4935	311	2N5165	551A	2N5369	123AP
2N3806	82	2N3971	466	2N4180	5485	2N4405	129	2N4936	311	2N5166	551S	2N5370	123AP
2N3808	82	2N3973	293	2N4181	5487	2N4406	129	2N4943	128	2N5167	551B	2N5371	123AP
2N3810	82	2N3974	293	2N4182	5487	2N4407	129	2N4944	128	2N5168	552I	2N5372	159
2N3810A	82	2N3975	293	2N4208	159	2N4409	194	2N4945	194	2N5169	552A	2N5373	159
2N3819	312	2N3976	293	2N4209	159	2N4410	194	2N4946	128	2N5171	5529	2N5374	159
2N3821	459	2N3977	159	2N4210	71 ♦	2N4411	159	2N4948	6409	2N5172	289A	2N5375	159
2N3822	459	2N3978	159	2N4211	71 ♦	2N4412	129	2N4951	123AP	2N5174	289A	2N5376	123AP
2N3823	452	2N3979	159	2N4220	456	2N4412A	129	2N4952	123AP	2N5175	194	2N5377	123AP
2N3824	459	2N3983	107	2N4221	456	2N4413	159	2N4953	123AP	2N5176	154	2N5378	159
2N3825	289A	2N3984	107	2N4221A	456	2N4413A	159	2N4954	289A	2N5179	316	2N5379	159
2N3826	289A	2N3985	107	2N4222	312	2N4414	129	2N4957	395	2N5180	161	2N5380	123AP
2N3827	289A	2N3985	160	2N4222A	312	2N4414A	129	2N4958	395	2N5181	161	2N5381	123AP
2N3828	123AP	2N3986	75	2N4223	312	2N4415	159	2N4959	395	2N5182	161	2N5382	159
2N3829	159	2N3989	75 ♦	2N4227	123A	2N4415A	159	2N4960	128	2N5183	123	2N5383	159
2N3830	128	2N4001	282S	2N4228	159	2N4416	452	2N4961	128	2N5186	123A	2N5385	75
2N3831	282S	2N4002	70	2N4231A	331 ♦	2N4416(S,D,G)	312	2N4962	128	2N5187	123A	2N5397	452
2N3832	161	2N4003	70	2N4232A	331 ♦	2N4416A	452	2N4963	128	2N5188	128	2N5398	452
2N3839	316	2N4013	123A	2N4233A	331 ♦	2N4417	159	2N4964	128	2N5189	282S	2N5399	311
2N3840	159	2N4014	123A	2N4236	129	2N4418	123AP	2N4965	159	2N5190	184	2N5400	288
2N3841	288	2N4015	82	2N4237	128	2N4419	123AP	2N4966	123A	2N5191	184	2N5401	288
2N3843	289A	2N4016	82	2N4238	128	2N4420	123AP	2N4967	199	2N5192	184	2N5415	397
2N3843A	289A	2N4018	82	2N4239	128	2N4421	123AP	2N4968	123A	2N5193	185	2N5416	397
2N3844	289A	2N4021	82	2N4240	175	2N4422	123AP	2N4969	123A	2N5194	184	2N5417	123A
2N3844A	289A	2N4024	82	2N4241	121	2N4424	289A	2N4970	123A	2N5195	185	2N5418	289A
2N3845	289A	2N4026	129	2N4248	159	2N4425	192A	2N4971	159	2N5196	461	2N5419	289A
2N3845A	289A	2N4027	129	2N4249	159	2N4427	346	2N4972	159	2N5197	461	2N5420	289A
2N3850	74 ♦	2N4028	129	2N4250	159	2N4432	123A	2N4973	159	2N5198	461	2N5421	346
2N3851	74 ♦	2N4029	129	2N4251	159	2N4432A	123A	2N4983	6404	2N5199	461	2N5422	377 ♦
2N3852	74 ♦	2N4030	129	2N4251	278	2N4433	161	2N4987	6404	2N5200	278	2N5428	377 ♦
2N3853	74 ♦	2N4031	129	2N4252	161	2N4434	161	2N4990	6404	2N5201	278	2N5429	377 ♦
2N3854	289A	2N4032	129	2N4253	161	2N4435	161	2N4991	6403	2N5202	384	2N5430	377 ♦
2N3854A	289A	2N4033	129	2N4254	161	2N4436	161	2N4992	6403	2N5204	5547	2N5445	5697
2N3855	289A	2N4034	106	2N4255	107	2N4437	123A	2N4994	123AP	2N5208	395	2N5442	5689
2N3855A	107	2N4035	106	2N4256	289A	2N4441	5442	2N4995	123AP	2N5209	123AP	2N5443	5690
2N3856	289A	2N4036	129	2N4257	159	2N4442	5444	2N4996	108	2N5210	123AP	2N5444	5693
2N3856A	289A	2N4037	129	2N4257A	159	2N4443	5446	2N4997	108	2N5211	128	2N5445	5695
2N3857	159	2N4038	129	2N4258	108 ♦	2N4444	5446	2N4998	73	2N5212	128	2N5446	5697
2N3858	289A	2N4039	465	2N4259	161	2N4449	311	2N5008	72	2N5219	123AP	2N5447	159
2N3858A	289A	2N4046	123A	2N4260	295	2N4450	123A	2N5022	129	2N5220	123AP	2N5448	159
2N3859	289A	2N4047	128	2N4261	395	2N4451	106	2N5023	129	2N5221	290A	2N5449	123A
2N3859A	289A	2N4048	28	2N4264	123AP	2N4452	159	2N5024	316	2N5222	123AP	2N5450	128
2N3860	289A	2N4049	28	2N4265	123AP	2N4453	108	2N5025	123AP	2N5223	123AP	2N5451	128
2N3862	311	2N4050	28 ♦	2N4269	154	2N4455	123AP	2N5032	161	2N5224	123AP	2N5452	461
2N3863	130	2N4051	28	2N4270	154	2N4455	6401	2N5033	326	2N5225	123AP	2N5453	461
2N3864	130	2N4052	28	2N4273	384	2N4852	6409	2N5034	390	2N5226	159	2N5454	461
2N3866	311	2N4053	28 ♦	2N4274	123A	2N4853	6409	2N5035	390	2N5227	159	2N5455	128
2N3866A	311	2N4054	157	2N4275	123A	2N4856	466	2N5036	390	2N5228	106	2N5457	467
2N3869	311	2N4054	157	2N4276	27	2N4856A	466	2N5037	390	2N5232	199	2N5458	457
2N3870	5517	2N4055	157	2N4277	27	2N4857	466	2N5038	327	2N5232A	199	2N5459	459
2N3871	5517	2N4056	157	2N4278	27	2N4857A	466	2N5038-1	327	2N5233	297	2N5460	326
2N3872	5518	2N4057	157	2N4279	27	2N4858	466	2N5038	327	2N5234	297	2N5461	326
2N3873	5519	2N4058	106	2N4280	27	2N4859	466	2N5038-1	327	2N5235	297	2N5462	326
2N3877	289A	2N4059	106	2N4281	27	2N4859A	466	2N5040	129	2N5236	326	2N5463	326
2N3877A	289A	2N4060	106	2N4282	27 ♦	2N4860	466	2N5041	129	2N5239	94	2N5464	326
2N3878	384	2N4061	106	2N4283	27 ♦	2N4860A	466	2N5042	129	2N5240	94	2N5466	283
2N3880	316	2N4062	290A	2N4286	289A	2N4861	466	2N5045	312	2N5241	283	2N5467	283
2N3881	128	2N4063	427/396	2N4287	289A	2N4861A	466	2N5046	312	2N5242	129	2N5477	74
2N3883	126A	2N4064	427/396	2N4288	159	2N4867	312	2N5047	461	2N5243	129	2N5478	74
2N3884	5580	2N4065(D,G,C,S)	464	2N4289	159	2N4867A	312	2N5048	73 ♦	2N5245	312	2N5479	74
2N3885	5580	2N4068	154	2N4290	159	2N4868	312	2N5049	73	2N5246	312	2N5480	74
2N3886	5580	2N4071	385	2N4291	159	2N4868A	312	2N5050	384	2N5247	312	2N5484	312
2N3887	5582	2N4072	123A	2N4292	108	2N4869	459	2N5051	384	2N5248	312	2N5485	451
2N3889	5582	2N4073	311	2N4293	108	2N4869A	459	2N5052	384	2N5249	199	2N5485-1	451
2N3890	5582	2N4074	123A	2N4296	286	2N4870	6410	2N5053	316	2N5249A	199	2N5486	312
2N3891	5584	2N4075	96	2N4297	286	2N4871	6410	2N5054	316	2N5264	385	2N5490	196
2N3892	5584	2N4076	96	2N4301	73 ♦	2N487							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2N5590.....	349	2N5831.....	287	2N6054.....	244	2N6250.....	386	2N6430.....	396	2N6715.....	216 ♦	2R56B.....	5148A
2N5591.....	351	2N5832.....	287	2N6055.....	243	2N6251.....	386	2N6431.....	396	2N6716.....	216 ♦	2R62B.....	5150A
2N5592.....	459	2N5833.....	287	2N6056.....	243	2N6252.....	130	2N6432.....	288	2N6717.....	128P	2R68.....	5151A
2N5593.....	459	2N5834.....	129	2N6057.....	247	2N6253.....	130	2N6433.....	288	2N6718.....	128P ♦	2R68A.....	5151A
2N5594.....	459	2N5835.....	94	2N6058.....	247	2N6254.....	161	2N6434.....	328	2N6719.....	227	2R68B.....	5151A
2N5604.....	175	2N5839.....	94	2N6059.....	247	2N6260.....	175	2N6459.....	335	2N6720.....	255	2R75.....	5152A
2N5614.....	328	2N5840.....	389	2N6067.....	159	2N6261.....	384	2N6467.....	292	2N6721.....	255	2R75A.....	5152A
2N5616.....	328	2N5845.....	123AP	2N6068.....	5601	2N6262.....	284	2N6468.....	292	2N6722.....	255	2R75B.....	5152A
2N5618.....	123AP	2N5845A.....	123AP	2N6069.....	5601	2N6263.....	175	2N6469.....	219	2N6723.....	255	2R91.....	5155A
2N5620.....	328	2N5846.....	282S	2N6070.....	5602	2N6264.....	175	2N6470.....	130	2N6724.....	48	2R91A.....	5155A
2N5622.....	328	2N5847.....	337	2N6071.....	5603	2N6274.....	387	2N6471.....	130	2N6725.....	129P ♦	2R91B.....	5155A
2N5624.....	328	2N5848.....	338	2N6072.....	5605	2N6275.....	387	2N6472.....	130 ♦	2N6726.....	129P ♦	2R100.....	5156A
2N5626.....	328	2N5849.....	339	2N6073.....	5605	2N6277.....	387	2N6473.....	291	2N6727.....	129P ♦	2R100A.....	5156A
2N5628.....	328	2N5851.....	161	2N6074.....	5607	2N6278.....	70	2N6474.....	291	2N6728.....	129P	2R100B.....	5156A
2N5629.....	60	2N5852.....	161	2N6075.....	5607	2N6279.....	70	2N6475.....	292	2N6729.....	129P	2R110.....	5157A
2N5630.....	60	2N5855(EBC).....	298	2N6076(ECB).....	159	2N6280.....	70	2N6476.....	292	2N6730.....	129P ♦	2R110A.....	5157A
2N5631.....	60	2N5856.....	128	2N6077.....	384	2N6281.....	70	2N6477.....	379	2N6731.....	129P ♦	2R110B.....	5157A
2N5632.....	385	2N5857.....	159	2N6078.....	384	2N6282.....	251	2N6478.....	379	2N6732.....	129P	2R120.....	5158A
2N5633.....	385	2N5864.....	32	2N6079.....	384	2N6283.....	251	2N6479.....	331	2N6733.....	129P	2R120A.....	5158A
2N5634.....	385	2N5865.....	129	2N6080.....	348	2N6284.....	251	2N6487(Switch).....	331 ♦	2N6734.....	227	2R120B.....	5158A
2N5638.....	467	2N5869.....	283	2N6081.....	350	2N6285.....	250	2N6488(Audio).....	331	2N6735.....	227	2R130.....	5159A
2N5639.....	467	2N5870.....	283	2N6082.....	351	2N6286.....	252	2N6488(Switch).....	331 ♦	2N6751.....	2319	2R130A.....	5159A
2N5641.....	357	2N5871.....	284	2N6083.....	351	2N6287.....	252	2N6489(Audio).....	332	2N6752.....	2319	2R130B.....	5159A
2N5642.....	359	2N5873.....	280	2N6084.....	350	2N6288.....	152	2N6490(Switch).....	332 ♦	2N6753.....	2392 ♦	2R140.....	5160A
2N5643.....	360	2N5875.....	285	2N6093.....	471	2N6289.....	152	2N6490(Audio).....	332	2N19616.....	160	2R140A.....	5160A
2N5644.....	362	2N5876.....	285	2N6094.....	353	2N6290.....	152	2N6491(Switch).....	332 ♦	2N51422.....	159	2R140B.....	5160A
2N5645.....	363	2N5877.....	284	2N6095.....	354	2N6291.....	196	2N6491(Audio).....	332	2N150.....	100	2R150.....	5161A
2N5646.....	364	2N5878.....	284	2N6096.....	355	2N6292.....	196	2N6491(Switch).....	332 ♦	2N150A.....	100	2R150A.....	5161A
2N5650.....	316	2N5880.....	285	2N6097.....	356	2N6293.....	196	2N6492.....	243	2N150B.....	100	2R150B.....	5161A
2N5651.....	316	2N5881.....	285	2N6098.....	377	2N6294.....	196	2N6493.....	243	2N150C.....	102	2R160.....	5162A
2N5652.....	316	2N5882.....	328	2N6099.....	331	2N6295.....	274	2N6494.....	243	2N190D.....	102	2R160A.....	5162A
2N5653.....	467	2N5883.....	328	2N6100.....	331	2N6296.....	275	2N6496.....	328	2N193B.....	312	2R160B.....	5162A
2N5654.....	467	2N5884.....	30	2N6101.....	331	2N6297.....	275	2N6497.....	379	2N1950.....	126A	2R160C.....	5162A
2N5655.....	157	2N5883(Audio).....	180	2N6102.....	331	2N6298.....	262	2N6498.....	379	2N1951.....	126A	2R160D.....	5164A
2N5656.....	157	2N5884.....	30	2N6103.....	331	2N6299.....	262	2N6499.....	379	2N1952.....	126A	2R180B.....	5164A
2N5657.....	2327	2N5885(Audio).....	180	2N6106.....	197	2N6300.....	261	2N6504.....	5550	2N1953.....	126A	2R200.....	5166A
2N5660.....	369	2N5885.....	29	2N6107.....	197	2N6301.....	261	2N6505.....	5552	2N1954.....	312	2R200A.....	5166A
2N5669.....	451	2N5885(AUDIO).....	181	2N6108.....	197	2N6302.....	264	2N6506.....	5552	2N1955.....	102	2R200B.....	5166A
2N5671.....	327	2N5886.....	29	2N6109.....	153	2N6303.....	316	2N6507.....	5554	2N1956.....	102	2R200C.....	5166A
2N5672.....	327	2N5886(AUDIO).....	181	2N6110.....	197	2N6305.....	316	2N6508.....	5556	2N1957.....	102	2R220.....	116
2N5679.....	323	2N5913.....	472	2N6111.....	197	2N6306.....	283	2N6509.....	5558	2N1958.....	125	2R2C17.....	123A
2N5680.....	323	2N5914.....	362	2N6112.....	377	2N6307.....	283	2N6510.....	53	2N1959.....	110MP	2R3945.....	85
2N5682.....	324	2N5915.....	30	2N6122.....	377	2N6308.....	284	2N6511.....	53	2N1960.....	110MP	2R3959.....	47A
2N5683.....	30	2N5941.....	471 ♦	2N6123.....	377	2N6312.....	332 ♦	2N6512.....	53	2N1961.....	110MP	2S001.....	123A
2N5683(PA).....	30	2N5942.....	471 ♦	2N6124.....	378	2N6313.....	332 ♦	2N6513.....	53	2N1962.....	109	2S002.....	123A
2N5684.....	30	2N5943.....	77	2N6125.....	378	2N6314.....	332 ♦	2N6514.....	53	2N1963.....	109	2S003.....	123A
2N5685.....	77	2N5943YG.....	77	2N6126.....	378	2N6315.....	377 ♦	2N6515.....	53	2N1964.....	158	2S004.....	123A
2N5686.....	29	2N5944.....	72 ♦	2N6127.....	378	2N6316.....	377 ♦	2N6516.....	287	2N1965.....	5453	2S005.....	123A
2N5687.....	346	2N5945.....	363	2N6129.....	196	2N6317.....	378 ♦	2N6518.....	288	2P1M.....	5454	2S006.....	108
2N5689.....	337	2N5946.....	364	2N6130.....	196	2N6318.....	378 ♦	2N6519.....	288	2P2M.....	5455	2S014.....	128
2N5690.....	338	2N5947.....	76	2N6131.....	196	2N6326.....	181	2N6530.....	283	2P2M(ELECTROPHONIC).....	5457	2S017.....	128
2N5697.....	486	2N5948.....	312	2N6132.....	197	2N6327.....	181	2N6531.....	283	2P2M1.....	5457	2S018.....	128
2N5698.....	362	2N5966.....	123AP	2N6133.....	197	2N6328.....	181	2N6532.....	281	2P21.50M.....	5457	2S019.....	128
2N5702.....	311	2N5962.....	123AP	2N6134.....	197	2N6329(AUDIO).....	180	2N6533.....	2343	2P21.50M.....	102A	2S020.....	128
2N5711.....	357	2N5963.....	123AP	2N6135.....	76	2N6338.....	327	2N6534.....	261 ♦	2Q2222.....	2321	2S021.....	129
2N5712.....	359	2N5965.....	154	2N6139.....	5667A	2N6339.....	327	2N6535.....	281 ♦	2Q22905.....	2322	2S022.....	129
2N5713.....	359	2N5970.....	284	2N6140.....	5667A	2N6340.....	327	2N6536.....	281	2R12.....	5127A	2S023.....	129
2N5718.....	457	2N5971.....	284	2N6141.....	5667A	2N6341.....	327	2N6538.....	123AP	2R9.1A.....	5124A	2S024.....	130
2N5731.....	72	2N5972.....	284	2N6145.....	56022	2N6342.....	56004	2N6539.....	123AP	2R9.1B.....	5124A	2S034.....	130
2N5733.....	70	2N5973.....	284	2N6146.....	56024	2N6342A.....	56004	2N6542.....	283	2R10.....	5125A	2S035.....	162
2N5738.....	281	2N5974.....	183	2N6147.....	56026	2N6343.....	56006	2N6543.....	283	2R10A.....	5125A	2S036.....	162
2N5745.....	180	2N5975.....	183	2N6151.....	5614	2N6343A.....	56006	2N6544.....	283	2R10B.....	5125A	2S037.....	16
2N5754.....	5640	2N5976.....	183	2N6152.....	5616	2N6344.....	56008	2N6545.....	53	2R11.....	5126A	2S038.....	100
2N5755.....	5641	2N5977.....	182	2N6153.....	5618	2N6344A.....	56008	2N6546.....	53	2R11A.....	5126A	2S039.....	100
2N5756.....	5642	2N5978.....	182	2N6154.....	5624	2N6345.....	56010	2N6547.....	53	2R11B.....	5126A	2S04.....	102
2N5757.....	5643	2N5979.....	182	2N6155.....	5626	2N6345A.....	56010	2N6548.....	268	2R12.....	5127A	2S041.....	102
2N5758.....	385	2N5980.....	183	2N6156.....	5628	2N6346.....	56004	2N6549.....	268	2R12A.....	5127A	2S042.....	102
2N5759.....	385	2N5981.....	183	2N6157.....	5628	2N6346A.....	56004	2N6551.....	268	2R12B.....	5127A	2S043.....	116
2N5760.....	385	2N5982.....	183	2N6158.....	5628	2N6347.....	56006	2N6552.....	49	2R13.....	5128A	2S044.....	102
2N5769.....	123AP	2N5983.....	182	2N6159.....	5690	2N6347A.....	56006	2N6553.....	49	2R13A.....	5128A	2S045.....	102
2N5770.....	108	2N5984.....	182	2N6160.....	5693	2N6348.....	56008	2N6554.....	50	2R13B.....	5128A	2S046.....	100
2N5771.....	217	2N5985.....	182	2N6161.....	5695	2N6348A.....	56008	2N6555.....	50	2R15.....	5130A	2S047.....	121
2N5772.....	123AP	2N5986.....	183	2N6162.....	5697	2N6349.....	56010	2N6556.....	50	2R15A.....	5130A	2S048.....	121
2N5777.....	3035A	2N5987.....	183	2N6163.....	56022	2N6349A.....	56010	2N6557.....	171	2R15B.....	5130A	2S049.....	100
2N5778.....	3035A	2N5994.....	360	2N6164.....	56024	2N6354.....	328	2N6558.....	171	2R16.....	5131A	2S050.....	100
2N5779.....	3035A	2N5996.....	350	2N6165.....	56026	2N6355.....	251	2N6559.....	130	2R16A.....	5131A	2S051.....	102
2N5780.....	3035A	2N5998.....	289A	2N6167.....	5562	2N6356.....	251	2N6573.....	283	2R16B.....	5131A	2S052.....	102
2N5784.....	282S	2N5999.....	290A	2N6168.....	5562	2N6357.....	247	2N6574.....	386	2R18.....	5133A	2S053.....	102
2N5785.....	282S	2N6000.....	123AP	2N6169.....	5564	2N6358.....	251	2N6575.....	386	2R18A.....	5133A	2S054.....	126A
2N5786.....	282S	2N6002.....	123AP	2N6170.....	5566	2N6359.....	284	2N6576.....	249	2R18B.....	5133A	2S055.....	126A
2N5787.....	5400	2N6005.....	159	2N6171.....	5562	2N6360.....	284	2N6577.....	249	2R20.....	5135A	2S056.....	102
2N5788.....	5401	2N6006.....	123AP	2N6172.....	5562	2N6371.....	130	2N6578.....					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2S110	126A	2SA37	126A	2SA107	126A	2SA214	126A	2SA322K	100	2SA426	160	2SA495FA-1	290A
2S111	100	2SA38	126A	2SA108	126A	2SA215	126A	2SA323	160	2SA427	126A	2SA495G	290A ♦
2S112	126A	2SA39	126A	2SA109	126A	2SA216	126A	2SA324	126A	2SA428	126A	2SA495G-R	290A
2S131	123A	2SA40	102A	2SA110	126A	2SA217	100	2SA324F	126A	2SA429(ECB)	288	2SA495G-O	290A ♦
2S141	126A	2SA43	126A	2SA111	126A	2SA218	160	2SA325	126A	2SA429-O(ECB)	288	2SA495G-GR	290A ♦
2S142	126A	2SA44	126A	2SA112	126A	2SA219	126A	2SA326	126A	2SA429R(ECB)	288	2SA495G-O	290A
2S143	126A	2SA45	126A	2SA113	126A	2SA220	126A	2SA329	126A	2SA430	160	2SA495GR	290A
2S145	126A	2SA45-1	126A	2SA114	126A	2SA221	126A	2SA329A	126A	2SA431	160	2SA495G-R	290A ♦
2S146	126A	2SA45-2	126A	2SA115	126A	2SA222	126A	2SA329B	126A	2SA431A	160	2SA495G-Y	290A ♦
2S155	100	2SA45-3	126A	2SA116	126A	2SA223	126A	2SA330	126A	2SA432	160	2SA495H	290A
2S159	100	2SA49	102A	2SA117	126A	2SA224	160	2SA331	126A	2SA432A	160	2SA495J	290A
2S160	100	2SA50	102A	2SA118	126A	2SA225	126A	2SA332	160	2SA433	160	2SA495-O	290A
2S163	102	2SA51	126A	2SA119	129	2SA226	160	2SA335	126A	2SA434	160	2SA495O	290A
2S167	100	2SA52	102A	2SA120	129	2SA227	160	2SA337	126A	2SA435	160	2SA495Q	290A
2S174	100	2SA53	102A	2SA120A	129	2SA228	160	2SA338	126A	2SA435A	160	2SA495-R	290A
2S176	126A	2SA54	160	2SA121	126A	2SA229	160	2SA339	126A	2SA435B	160	2SA495R	290A
2S178	100	2SA55	126A	2SA122	126A	2SA230	160	2SA340	160	2SA436	126A	2SA495TM-O	290A
2S179	102	2SA56	126A	2SA123	126A	2SA231	176	2SA340H	127	2SA437	126A	2SA495W	290A
2S189	102A	2SA57	160	2SA124	126A	2SA232	176	2SA341	160	2SA438	126A	2SA495X	290A
2S273	102A	2SA58	160	2SA125	126A	2SA233	160	2SA341-0A	160	2SA440	160	2SA495-Y	290A
2S301	129	2SA59	160	2SA126	126A	2SA233A	160	2SA341-OB	160	2SA446	102 ♦	2SA495Y	290A
2S302	129	2SA60	126A	2SA128	158	2SA233B	160	2SA342	160	2SA447	126A	2SA496	374
2S302A	129	2SA61	160	2SA129	158	2SA233C	160	2SA342A	160	2SA450	160 ♦	2SA496-O	374
2S303	129	2SA64	102A	2SA130	160	2SA234	160	2SA343	160	2SA450H	160 ♦	2SA496-R	374
2S304	129	2SA65	102A	2SA131	126A	2SA234A	160	2SA344	126A	2SA451	160 ♦	2SA496Y	374
2S306	159	2SA66	102A	2SA132	126A	2SA234B	160	2SA345	160	2SA451H	160 ♦	2SA496-Y	374
2S307	159	2SA67	102A	2SA133	126A	2SA234C	160	2SA346	160	2SA452	160 ♦	2SA497	129
2S321	159	2SA69	126A	2SA134	126A	2SA235	160	2SA347	160	2SA452H	160 ♦	2SA497R	129
2S322	159	2SA70	160	2SA135	160	2SA235A	160	2SA348	160	2SA453	126A	2SA498	129
2S322A	159	2SA70F	160	2SA136	126A	2SA235B	160	2SA349	160	2SA454	126A	2SA498Y	129
2S323	159	2SA70L	160	2SA137	126A	2SA235C	160	2SA350	126A	2SA455	126A	2SA499	106 ♦
2S324	159	2SA70MA	160	2SA138	102A	2SA236	126A	2SA350A	126A	2SA456	126A	2SA499-O	106 ♦
2S326	159	2SA71	160	2SA139	126A	2SA237	126A	2SA350C	126A	2SA457	126A	2SA499-R	106 ♦
2S327	159	2SA71B	160	2SA141	126A	2SA238	126A	2SA350H	126A	2SA458	160	2SA499-Y	106 ♦
2SA73H	142A	2SA71AB	160	2SA141B	126A	2SA239	160	2SA350R	126A	2SA461	160	2SA500	106 ♦
2S501	123A	2SA71AC	160	2SA141C	126A	2SA240	160	2SA350T	126A	2SA462	160	2SA500-O	106 ♦
2S502	123A	2SA71B	160	2SA142	126A	2SA240A	160	2SA350TY	126A	2SA463	160	2SA500-R	106 ♦
2S503	123A	2SA71BS	160	2SA142A	126A	2SA240B	160	2SA350Y	126A	2SA464	160	2SA500-Y	106 ♦
2S512	123A	2SA71D	160	2SA143	126A	2SA240B2	160	2SA351	126A	2SA465	129	2SA501	129
2S536K	85	2SA71Y	160	2SA142C	126A	2SA240BL	160	2SA351A	126A	2SA466-2	126A	2SA502	290A
2S673C	159	2SA72	126A	2SA143	126A	2SA241	160	2SA351B	126A	2SA466-3	126A	2SA503	129
2S701	123	2SA72BLU	126A	2SA144	126A	2SA242	160	2SA351GR	126A	2SA466BLK	126A	2SA503GR	129
2S702	123	2SA72BLU-BLU	126A	2SA144C	126A	2SA243	160	2SA352	126A	2SA466BLU	126A	2SA503-O	129
2S703	123	2SA72RN	126A	2SA145	126A	2SA244	160	2SA352A	126A	2SA466YEL	126A	2SA503-R	129
2S711	123A	2SA72ORN	126A	2SA145A	126A	2SA245	160	2SA352B	126A	2SA467	290A	2SA503-Y	129
2S712	123A	2SA72WHT	126A	2SA145C	126A	2SA246	126A	2SA353	126A	2SA467-O	290A	2SA504	129
2S731	123A	2SA73	160	2SA146	126A	2SA246V	126A	2SA353A	126A	2SA467G	290A	2SA504GR	129
2S732	123A	2SA74	126A	2SA147	126A	2SA247	126A	2SA353AC	126A	2SA467G-O	290A	2SA504R	129
2S733	123A	2SA75	126A	2SA148	126A	2SA248	102A	2SA353C	126A	2SA467G-R	290A	2SA504-Y	129
2S741	123	2SA75B	126A	2SA149	126A	2SA250	126A ♦	2SA354	126A	2SA467G-Y	290A	2SA504-Y	129
2S741A	123A	2SA76	126A	2SA150	126A	2SA251	126A	2SA354A	126A	2SA467-Y	290A	2SA505	374
2S742	128	2SA77	126A	2SA151	126A	2SA252	126A	2SA354B	126A	2SA468	126A	2SA505-O	374
2S742A	128	2SA77A	126A	2SA152	126A	2SA253	126A	2SA355	126A	2SA469	126A	2SA505-R	374
2S743	154	2SA77B	126A	2SA153	126A	2SA254	126A	2SA355A	126A	2SA470	126A	2SA505-Y	374
2S743A	154	2SA77C	126A	2SA154	126A	2SA255	126A	2SA356	126A	2SA471	126A	2SA506	160
2S744	123	2SA77D	126A	2SA155	126A	2SA256	126A	2SA357	126A	2SA471-1	126A	2SA507	160
2S744A	123A	2SA78	102A	2SA156	126A	2SA258	126A	2SA358	126A	2SA471-2	126A	2SA508	160
2S745	128	2SA78B	102A	2SA157	126A	2SA259	160	2SA359	126A	2SA471-3	126A	2SA509	160
2S745A	128	2SA78C	102A	2SA159	126A	2SA261	160	2SA360	160	2SA472	126A	2SA509-O(ECB)	159
2S746	154	2SA78D	102A	2SA160	126A	2SA262	160	2SA361	160	2SA472A	126A	2SA509A(ECB)	159
2S746A	154	2SA79	102A	2SA161	126A	2SA263	160	2SA362	160	2SA472B	126A	2SA509-D(ECB)	159
2S1454	162	2SA80	126A	2SA162	126A	2SA264	160	2SA363	160	2SA472C	126A	2SA509G(ECB)	159
2S1719/4454C	140A	2SA81	126A	2SA163	126A	2SA265	160	2SA364	126A	2SA472D	126A	2SA509G-O(ECB)	159
2S2114A	138A	2SA82	126A	2SA164	126A	2SA266	126A	2SA365	126A	2SA472E	126A	2SA509GR(ECB)	159
2S2692	519	2SA83	126A	2SA165	126A	2SA267	126A	2SA366	126A	2SA473	153	2SA509G-Y(ECB)	159
2S3010	129	2SA84	160	2SA166	126A	2SA268	126A	2SA367	126A	2SA473-O	153	2SA509-O(ECB)	159
2S3020	159	2SA85	126A	2SA167	100	2SA269	126A	2SA368	126A	2SA473-GR	153	2SA509Q(ECB)	159
2S3021	159	2SA86	126A	2SA168	100	2SA270	126A	2SA369	126A	2SA473-O	153	2SA509-R(ECB)	159
2S3030	159	2SA88	160	2SA168A	100	2SA271	126A	2SA372	160 ♦	2SA473-R	153	2SA509-X(ECB)	159
2S3040	159	2SA89	160	2SA169	100	2SA272	126A	2SA373	102A ♦	2SA473R	153	2SA509Y(ECB)	159
2S3210	159	2SA92	126A	2SA170	100	2SA273	126A	2SA374	102A	2SA476	126A	2SA509-Y(ECB)	159
2S3220	159	2SA93	126A	2SA171	100	2SA274	126A	2SA375	102A	2SA477	126A	2SA510	323
2S3221	159	2SA94	126A	2SA172	100	2SA275	126A	2SA376	126A	2SA478	102A ♦	2SA510-O	323
2S3230	159	2SA100	126A	2SA172A	100	2SA276	160	2SA377	160	2SA479	102A ♦	2SA510-R	323
2S3240	159	2SA100A	126A	2SA173	102A	2SA277	100	2SA378	160	2SA480	159	2SA511	323
2S6486(Audio)	331	2SA100B	126A	2SA173B	102A	2SA278	100	2SA379	160	2SA482	159	2SA511-O	323
2S6487(Audio)	331	2SA100C	126A	2SA173C	102	2SA279	100	2SA380	126A	2SA483	213 ♦	2SA511-R	323
2S10032	177	2SA101A	126A	2SA175	126A	2SA280	100	2SA381	126A	2SA484	323	2SA512	323
2SA12	102A	2SA101AA	126A	2SA176	126A	2SA281	100	2SA382	126A	2SA484BL	323	2SA512-O	323
2SA12A	102A	2SA101AY	126A	2SA180	126A	2SA282	102A	2SA383	126A	2SA484R	323	2SA512-R	323
2SA12B	102A	2SA101B	126A	2SA181	126A	2SA283	100	2SA384	126A	2SA484Y	323	2SA513	323
2SA12C	102A	2SA101BA	126A	2SA182	100	2SA284	100	2SA385	126A	2SA485	323	2SA513-O	323
2SA12D	102A	2SA101BB	126A	2SA183	126A	2SA285	160	2SA385A	126A	2SA485BL	323	2SA513-R	323
2SA12H	102A	2SA101BC	126A	2SA187TV	102A	2SA286	160	2SA385D	126A	2SA485R	323	2SA516	323
2SA12V	102A	2SA101BX	126A	2SA188	126A	2SA287	160	2SA391	100	2SA485Y	323	2SA516A	323
2SA13	102A	2SA101C	126A	2SA189	126A	2SA288	126A	2SA392	100	2SA486	323	2SA517	126A
2SA14	102A	2SA101CA	126A	2SA197	126A	2SA288A	126A	2SA393	126A	2SA486BL	323	2SA518	126A
2SA15	102A	2SA101CV	126A	2SA198	102A	2SA289	126A	2SA393A	126A	2SA486R	323	2SA522	159
2SA15BK	102A	2SA101CX	12										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SA539AS	290A	2SA564A	290A	2SA607SB	427/129	2SA634L	187A	2SA670A	153	2SA702F(ECB)	159	2SA730R	193A
2SA539K	290A	2SA564A2	290A	2SA607SC	427/129	2SA634M	187A	2SA670B	153	2SA702G(ECB)	159	2SA730S	193A
2SA539L	290A	2SA564ABQ	290A	2SA607SD	427/129	2SA634N	187A	2SA670C	153	2SA703	307	2SA731	193A
2SA539M	290A	2SA564AOP	290A	2SA608	290A	2SA636	187	2SA671	378	2SA703C	307	2SA731P	193A
2SA539S	290A	2SA564AP	290A	2SA608A	290A	2SA636(4K)	187	2SA671-0	378	2SA703D	307	2SA731Q	193A
2SA544	129	2SA564AQ	290A	2SA608AE	290A	2SA636(4L)	187	2SA671A	378	2SA703E	307	2SA731R	193A
2SA545	193A	2SA564AQGD	290A	2SA608AF	290A	2SA636-4K	187	2SA671B	378	2SA704	290A	2SA731S	193A
2SA545GRN	193A	2SA564AR	290A	2SA608B	290A	2SA636-4L	187	2SA671C	378	2SA705	290A	2SA732	129
2SA545K	193A	2SA564AS	234	2SA608C	290A	2SA636A	187	2SA671K	378	2SA706	189	2SA733	290A
2SA545KLM	193A	2SA564AT	234	2SA608C	290A	2SA636B	187	2SA671KA	378	2SA706-2	189	2SA733(P)	290A
2SA545L	193A	2SA564D	290A	2SA608-D	290A	2SA636C	378	2SA671KB	378	2SA706-3	189	2SA733A	290A
2SA545LM	193A	2SA564F	290A	2SA608D	290A	2SA636D	378	2SA671KC	378	2SA706-4	189	2SA733AK	290A
2SA545M	193A	2SA564FQ	290A	2SA608E	290A	2SA636K	187	2SA672	159	2SA706H	189	2SA733AP	290A
2SA546	129	2SA564FR	290A	2SA608-E	290A	2SA636L	187	2SA672A	159	2SA707	298	2SA733AQ	290A
2SA546A	129	2SA564G	290A	2SA608E-NP	290A	2SA636M	187	2SA672B	159	2SA707V	298	2SA733AR	290A
2SA546AA	129	2SA564H	290A	2SA608F	290A	2SA637	288	2SA672C	159	2SA708	129	2SA733B	290A
2SA546AB	129	2SA564J	290A	2SA608-F	290A	2SA638(ECB)	290A	2SA673	290A	2SA708A	129	2SA733C	290A
2SA546AD	129	2SA564O	290A	2SA608F-NP	290A	2SA639(ECB)	288	2SA673(B)	290A	2SA708B	129	2SA733D	290A
2SA546AE	129	2SA564-O	290A	2SA608F-NP	290A	2SA639S(ECB)	288	2SA673C	290A	2SA708C	129	2SA733E	290A
2SA546AF	129	2SA564P	290A	2SA608G	290A	2SA640	234	2SA673A	290A	2SA709(CBE)	159	2SA733F	290A
2SA546AH	129	2SA564POR	290A	2SA608K	290A	2SA640A	234	2SA673AA	290A	2SA712	397	2SA733GR	290A
2SA546AI	129	2SA564PQ	290A	2SA608KD	290A	2SA640B	234	2SA673AB	290A	2SA713AS	232	2SA733H	290A
2SA546AJ	129	2SA564PQR	290A	2SA608KE	290A	2SA640C	234	2SA673AC	290A	2SA713S	232	2SA733I	290A
2SA546AK	129	2SA564Q	290A	2SA608KF	290A	2SA640D	234	2SA673AD	290A	2SA714	281	2SA733JQ	290A
2SA546AL	129	2SA564-Q	290A	2SA608KG	290A	2SA640E	234	2SA673AE	290A	2SA714C	281	2SA733K	290A
2SA546B	129	2SA564QGD	290A	2SA608KNP	290A	2SA640F	234	2SA673AK	290A	2SA714D	281	2SA733P	290A
2SA546D	129	2SA564QHD	290A	2SA608KNPD	290A	2SA640L	234	2SA673AS	290A	2SA714E	281	2SA733P1	290A
2SA546E	129	2SA564QR	290A	2SA608KNPE	290A	2SA640M	234	2SA673ASC	290A	2SA714L	281	2SA733P2	290A
2SA546F	129	2SA564R	290A	2SA608KNPF	290A	2SA640S	234	2SA673B	290A	2SA714LC	281	2SA733PQ	290A
2SA546H	129	2SA564S	234	2SA608KNPQ	290A	2SA641	234	2SA673BC	290A	2SA714LD	281	2SA733Q	290A
2SA546I	129	2SA564T	234	2SA608KNP-T	290A	2SA641A	234	2SA673C	290A	2SA714LE	281	2SA733QCP	290A
2SA546J	129	2SA564Y	290A	2SA608NP	290A	2SA641B	234	2SA673CD	290A	2SA715C	185	2SA733R	290A
2SA547	427/129	2SA565	159	2SA608NP(ECB)	159	2SA641C	234	2SA673D	290A	2SA717	129	2SA734	129
2SA547A	427/129	2SA565A	159	2SA608NP(ECEB)	159	2SA641D	234	2SA673D	290A	2SA718	159	2SA735	159
2SA547AA	427/129	2SA565B	159	2SA608NP(ECEB)	159	2SA641L	234	2SA673-O	290A	2SA719	290A	2SA736	129
2SA547AB	427/129	2SA565C	159	2SA608NP-T	290A	2SA641M	234	2SA673WT	290A	2SA719-0	290A	2SA738B	185
2SA547AD	427/129	2SA565D	159	2SA608SP	290A	2SA642	290A	2SA675	290A	2SA719A	290A	2SA738C	185
2SA547AE	427/129	2SA565K	159	2SA609(ECB)	159	2SA642A	290A	2SA675A	290A	2SA719B	290A	2SA740	398
2SA547AF	427/129	2SA566	218	2SA609A(ECB)	159	2SA642B	290A	2SA675B	290A	2SA719C	290A	2SA740A	398
2SA547AG	427/129	2SA566A	218	2SA609B(ECB)	159	2SA642C	290A	2SA675C	290A	2SA719K	290A	2SA740AB	398
2SA547AI	427/129	2SA566B	218	2SA609C(ECB)	159	2SA642D	290A	2SA677	290A	2SA719P	290A	2SA741H	106
2SA547AJ	427/129	2SA566C	218	2SA609D(ECB)	159	2SA642E	290A	2SA677-5	290A	2SA719PQ	290A	2SA742	129
2SA547B	427/129	2SA566D	218	2SA609E(ECB)	159	2SA642F	290A	2SA677-6	290A	2SA719PQR	290A	2SA742H	129
2SA547D	427/129	2SA566H	218	2SA609F(ECB)	159	2SA642G	290A	2SA677HL	290A	2SA719Q	290A	2SA743	374
2SA547E	427/129	2SA566HB	218	2SA609G(ECB)	159	2SA642R	290A	2SA678	290A	2SA719QH	290A	2SA743A	374
2SA547F	427/129	2SA567	159	2SA610	290A	2SA642S	290A	2SA678(C)	290A	2SA719R	290A	2SA743AB	374
2SA547H	427/129	2SA567A	159	2SA610B	290A	2SA642V	290A	2SA678-5	290A	2SA719RS	290A	2SA743AA	374
2SA547I	427/129	2SA567B	159	2SA611	290A	2SA642W	290A	2SA678-6	290A	2SA719S	290A	2SA743AC	374
2SA548	159	2SA567C	159	2SA611-4E	290A	2SA642Y	290A	2SA678E	290A	2SA719T	290A	2SA743AD	374
2SA548A	159	2SA567D(ECB)	234	2SA612	129	2SA643	193A	2SA678HL	290A	2SA720	290A	2SA743B	374
2SA548B	159	2SA568	290A	2SA613	218	2SA643A	193A	2SA679	281	2SA720A	290A	2SA743C	374
2SA548C	159	2SA568-OR	290A	2SA614	218	2SA643B	193A	2SA679B	281	2SA720AP	290A	2SA743D	374
2SA548D	159	2SA568B	290A	2SA616	218	2SA643C	193A	2SA679R	281	2SA720AQ	290A	2SA744	219
2SA549	288	2SA568C	290A	2SA616(1)	218	2SA643D	193A	2SA679Y	281	2SA720B	290A	2SA745	281
2SA549AH	288	2SA568D	290A	2SA616(1)	218	2SA643E	193A	2SA680	281	2SA720AS	290A	2SA745A	281
2SA550	159	2SA568E	290A	2SA617K	159	2SA643F	193A	2SA680R	281	2SA720NC	290A	2SA746	281
2SA550A	159	2SA568F	290A	2SA618K	159	2SA643V	193A	2SA680Y	281	2SA720NCP	290A	2SA747	281
2SA550AO	159	2SA568G	290A	2SA620	290A	2SA643W	193A	2SA682	374	2SA720NCQ	290A	2SA747A	281
2SA550AP	159	2SA568H	290A	2SA620WL	290A	2SA643X	193A	2SA682-Y	374	2SA720NCS	290A	2SA748	153
2SA550AQ	159	2SA568I	290A	2SA623	307	2SA645	211	2SA683	294	2SA720P	290A	2SA748P	153
2SA550AR	159	2SA568J	290A	2SA623-0	307	2SA646	211	2SA683NC	294	2SA720Q	290A	2SA748Q	153
2SA550AS	159	2SA568K	290A	2SA623A	307	2SA648	281	2SA683P	294	2SA720R	290A	2SA748R	153
2SA550D	159	2SA568L	290A	2SA623B	307	2SA648A	281	2SA683S	294	2SA720QH	290A	2SA749(ECB)	288
2SA550P	159	2SA568M	290A	2SA623C	307	2SA648B	281	2SA684	294	2SA720S	290A	2SA750	234
2SA550Q	159	2SA568R	290A	2SA623D	307	2SA648C	281	2SA683R	294	2SA720T	290A	2SA750E	234
2SA550R	159	2SA568X	290A	2SA623G	307	2SA649	281	2SA683RS	294	2SA721	234	2SA750F	234
2SA550S	159	2SA568Y	290A	2SA623H	307	2SA649A	281	2SA683S	294	2SA721S	234	2SA750G	234
2SA551	129	2SA569	290A	2SA623I	307	2SA649B	281	2SA684	294	2SA721T	234	2SA750H	234
2SA551C	129	2SA569J	290A	2SA624	307	2SA649C	281	2SA684NC	294	2SA721U	234	2SA751	383
2SA551D	129	2SA569K	290A	2SA624A	307	2SA653	398	2SA684P	294	2SA722	234	2SA751P	383
2SA551E	129	2SA571	129	2SA624B	307	2SA656	88	2SA684Q	294	2SA722S	234	2SA751Q	383
2SA552	129	2SA572	224	2SA624C	307	2SA656A	88	2SA684R	294	2SA722-S	234	2SA751R	383
2SA553	129	2SA573	290A	2SA624D	307	2SA656B	88	2SA684S	294	2SA722T	234	2SA752	383
2SA554	159	2SA573A	290A	2SA624E	307	2SA656M	88	2SA685	290A	2SA722U	234	2SA751S	383
2SA554A	159	2SA573D	290A	2SA624G	307	2SA657	88	2SA690D	159	2SA723	290A	2SA752	383
2SA555	290A	2SA575	290A	2SA624H	307	2SA657A	88	2SA695(BCE)	159	2SA723A	290A	2SA752P	383
2SA556	159	2SA575K	290A	2SA624I	307	2SA658	88	2SA695(BCE)	159	2SA723B	290A	2SA752Q	383
2SA557	159	2SA576	290A	2SA624J	307	2SA658A	88	2SA695D(BCE)	159	2SA723C	290A	2SA752R	383
2SA558	159	2SA577	290A	2SA624K	307	2SA659	290A	2SA695D2(BCE)	159	2SA723D	290A	2SA752S	383
2SA559	159	2SA578(EBC)	234	2SA624L	307	2SA659A	290A	2SA695E(BCE)	159	2SA723E	290A	2SA753	281
2SA559A	159	2SA578A(EBC)	234	2SA624Y	307	2SA659B	290A	2SA696(BCE)	290A	2SA723F	290A	2SA753A	281
2SA560	129	2SA578B(EBC)	234	2SA625	129	2SA659C	290A	2SA696(BCE)	290A	2SA723G	290A	2SA753B	281
2SA561	159	2SA578C(EBC)	234	2SA625B	129	2SA659D	290A	2SA697(BCE)	290A	2SA723H	290A	2SA753C	281
2SA561GR	290A	2SA579(EBC)	234	2SA625Y	129	2SA659E	290A	2SA697C(BCE)	290A	2SA723I	290A	2SA753D	281
2SA561-O	290A	2SA579A(EBC)	234	2SA626	88	2SA659F	290A	2SA697D(BCE)	290A	2SA723J	290A	2SA754	153

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SA763-WL-5	234	2SA816-Y	398	2SA886	374#	2SA933LNR	234	2SA984E	290A	2SA1031(ECB)	159	2SA1093	37
2SA763-WL-6	234	2SA817	290A	2SA886BR	374#	2SA933LNS	234	2SA984F	290A	2SA1031B(ECB)	159	2SA1094	34
2SA763-WN	234	2SA817A	290A	2SA886GN	374#	2SA933P	290A	2SA984K	290A	2SA1031C(ECB)	159	2SA1094O	34
2SA763-WN-3	234	2SA817AO	290A	2SA886NR	374#	2SA933Q	290A	2SA984KD	290A	2SA1031D(ECB)	159	2SA1094R	34
2SA763-WN-4	234	2SA817AY	290A	2SA886P	374#	2SA933R	290A	2SA984KE	290A	2SA1032(ECB)	159	2SA1095	34
2SA763-WN-5	234	2SA817Y	290A	2SA886Q	374#	2SA933RK	290A	2SA984KF	290A	2SA1032B(ECB)	159	2SA1095Y	34
2SA763-Y	234	2SA818	240	2SA886QBF	374#	2SA933S	290A	2SA985A	398	2SA1032C(ECB)	159	2SA1095O	34
2SA763-YL	234	2SA820(ECB)	288	2SA886QOR	374#	2SA934	294	2SA985P	398	2SA1033	159	2SA1095H	34
2SA763-YL-3	234	2SA820N(ECB)	288	2SA886R	374#	2SA934Q	294	2SA985Q	398	2SA1033B	159	2SA1095Y	34
2SA763-YL-4	234	2SA820P(ECB)	288	2SA886UR	374#	2SA935	298	2SA987P	290A	2SA1033D	159	2SA1096A	374#
2SA763-YL-5	234	2SA825	14	2SA886V	374#	2SA935P	298	2SA988(ECB)	288	2SA1034	2409	2SA1096AQ	374#
2SA763-YL-6	234	2SA825P	14	2SA886VQ	374#	2SA935Q	298	2SA991	234	2SA1034R	2409	2SA1096Q	374#
2SA763-YN	234	2SA825Q	14	2SA886VR	374#	2SA936(ECB)	232	2SA991-F	234	2SA1034S	2409	2SA1100(BCE)	290A
2SA763-YN-3	234	2SA825R	290A	2SA886VS	374#	2SA937	17	2SA991-P	234	2SA1034T	2409	2SA1100(BCE)	290A
2SA763-YN-4	234	2SA826	290A	2SA887(ECB)	187	2SA937LN	17	2SA992	91	2SA1035	2409	2SA1100E(BCE)	290A
2SA763-YN-5	234	2SA826LN	290A	2SA887Q(ECB)	187	2SA937LNR	17	2SA992(ECE)	288	2SA1035F	2409	2SA1100F(BCE)	290A
2SA763-YN-6	234	2SA826P	290A	2SA887P(ECB)	187	2SA937LNS	17	2SA992F	91	2SA1035S	2409	2SA1100L(BCE)	159
2SA764	197	2SA826Q	290A	2SA887Q(ECB)	187	2SA937M	17	2SA992P(ECB)	288	2SA1035T	2409	2SA1100L(BCE)	159
2SA765	197	2SA826R	290A	2SA887R(ECB)	187	2SA937MLN	17	2SA993	159	2SA1036K	2407	2SA1102	37
2SA766	398	2SA826RY	290A	2SA888	159	2SA937MLNR	17	2SA993B	159	2SA1036KP	2407	2SA1103	37
2SA766S	398	2SA826S	290A	2SA888O	159	2SA937MLNS	17	2SA993C	159	2SA1036KQ	2407	2SA1104	37
2SA768	153	2SA830(ECB)	232	2SA888P	159	2SA937MQ	17	2SA993D	159	2SA1036KQ	2407	2SA1105	37
2SA768-0	153	2SA835	240	2SA888Q	159	2SA937MR	17	2SA993E	290A	2SA1037K	2409	2SA1106	37
2SA768F	153	2SA836	234	2SA888R	159	2SA937MS	17	2SA994(BCE)	234	2SA1037KQ	2409	2SA1107	37
2SA768G	153	2SA836C	234	2SA888S	159	2SA937LMS	17	2SA994E(BCE)	234	2SA1037KR	2409	2SA1108	37
2SA768O	153	2SA836D	234	2SA889	159	2SA937P	290A	2SA994G(BCE)	234	2SA1037KS	2409	2SA1109	37
2SA768Y	153	2SA836E	234	2SA889O	159	2SA937Q	17	2SA995	45	2SA1038	91	2SA1110	374#
2SA769	197	2SA836F	234	2SA889P	159	2SA937R	17	2SA995F	45	2SA1038S	91	2SA1110P	374#
2SA770	197	2SA837	88	2SA889Q	159	2SA937S	17	2SA995G	45	2SA1039	91	2SA1110Q	374#
2SA771	332	2SA838(ECB)	159	2SA889R	159	2SA940	398	2SA995H	45	2SA1039E	91	2SA1111	374#
2SA773	383	2SA838B(ECB)	159	2SA889S	159	2SA940AE	398	2SA995I	290A	2SA1040-GR	290A	2SA1111P	398
2SA773-1	383	2SA838C(ECB)	159	2SA890	159	2SA940AR	398	2SA995J	290A	2SA1040-O	290A	2SA1111Q	398
2SA773-2	383	2SA839	398	2SA890P	159	2SA940D	398	2SA995K	290A	2SA1040-Y	290A	2SA1111R	398
2SA774	234	2SA839-O	398	2SA890Q	159	2SA940E	398	2SA995L	290A	2SA1040Y	290A	2SA1112	398
2SA774A	234	2SA839R	398	2SA890R	159	2SA940LB	398	2SA995M	290A	2SA1040Y	290A	2SA1115	290A
2SA775	292	2SA839Y	398	2SA890S	159	2SA940LBGL2	398	2SA995N	290A	2SA1040Y	290A	2SA1115D	290A
2SA775A	292	2SA840	383	2SA891	159	2SA940LR	398	2SA995O	290A	2SA1040Y	290A	2SA1115E	290A
2SA775AB	292	2SA840K	383	2SA891P	159	2SA940RD	398	2SA995P	290A	2SA1040Y	290A	2SA1115F	290A
2SA775AB	292	2SA840LC	288	2SA891Q	159	2SA940RE	398	2SA995Q	290A	2SA1040Y	290A	2SA1116	68
2SA775AC	292	2SA840LL	288	2SA891R	159	2SA940-Z	398	2SA995R	290A	2SA1040Y	290A	2SA1117	68
2SA775B	292	2SA841	234	2SA891S	159	2SA941	290A	2SA995S	290A	2SA1040Y	290A	2SA1117	68
2SA775C	292	2SA841BL	234	2SA892	282	2SA941-GR	290A	2SA995T	290A	2SA1040Y	290A	2SA1117	68
2SA777	298	2SA841-BL	234	2SA893	91	2SA942	290A	2SA995U	290A	2SA1040Y	290A	2SA1117	68
2SA777NC	298	2SA841-GR	234	2SA893A	91	2SA942-GR	290A	2SA995V	290A	2SA1040Y	290A	2SA1117	68
2SA777P	298	2SA842	234	2SA893AD	91	2SA944E	129	2SA995W	290A	2SA1040Y	290A	2SA1117	68
2SA777Q	298	2SA842-BL	234	2SA893AE	91	2SA945-O	159	2SA995X	290A	2SA1040Y	290A	2SA1117	68
2SA777R	298	2SA842GR	234	2SA893AF	91	2SA945Y	159	2SA995Y	290A	2SA1040Y	290A	2SA1117	68
2SA777S	298	2SA842-GR	234	2SA893D	91	2SA946	383	2SA995Z	290A	2SA1040Y	290A	2SA1117	68
2SA778	288	2SA843	398	2SA893F	91	2SA950	290A	2SA995A	290A	2SA1040Y	290A	2SA1117	68
2SA778A	288	2SA843P	398	2SA896(ECB)	288	2SA950-O	290A	2SA995B	290A	2SA1040Y	290A	2SA1117	68
2SA778AF-02	288	2SA843Q	398	2SA896	374	2SA950-Y	290A	2SA995C	290A	2SA1040Y	290A	2SA1117	68
2SA778AK	288	2SA844	234	2SA899	374	2SA950Y	290A	2SA995D	290A	2SA1040Y	290A	2SA1117	68
2SA778AK-02	288	2SA844B	234	2SA900	374#	2SA950YFA	290A	2SA995E	290A	2SA1040Y	290A	2SA1117	68
2SA778K	288	2SA844C	234	2SA900Q	374#	2SA952	290A	2SA995F	290A	2SA1040Y	290A	2SA1117	68
2SA778K-02	288	2SA844D	234	2SA900R	374#	2SA952K	290A	2SA995G	290A	2SA1040Y	290A	2SA1117	68
2SA779	187	2SA844E	234	2SA900S	374#	2SA952L	290A	2SA995H	290A	2SA1040Y	290A	2SA1117	68
2SA779K	187	2SA844F	234	2SA901(BCE)	234	2SA953	290A	2SA995I	290A	2SA1040Y	290A	2SA1117	68
2SA779KB	187	2SA845A	288	2SA901F(BCE)	234	2SA953K	290A	2SA995J	290A	2SA1040Y	290A	2SA1117	68
2SA779KC	187	2SA845AH	288	2SA901G(BCE)	234	2SA953L	290A	2SA995K	290A	2SA1040Y	290A	2SA1117	68
2SA779KD	187	2SA845H	288	2SA904(BCE)	91	2SA953M	290A	2SA995L	290A	2SA1040Y	290A	2SA1117	68
2SA780AK	211	2SA845Q	288	2SA904A(BCE)	91	2SA954	290A	2SA995M	290A	2SA1040Y	290A	2SA1117	68
2SA780AKA	211	2SA847(BCE)	91	2SA904A(BCE)	91	2SA954L	290A	2SA995N	290A	2SA1040Y	290A	2SA1117	68
2SA780AKB	211	2SA847A(BCE)	91	2SA906(BCE)	234	2SA954M	290A	2SA995O	290A	2SA1040Y	290A	2SA1117	68
2SA780AKC	211	2SA847F(BCE)	91	2SA906F(BCE)	234	2SA955	2407	2SA995P	290A	2SA1040Y	290A	2SA1117	68
2SA780AKD	211	2SA850(BCE)	290A	2SA906G(BCE)	234	2SA956H3	2407	2SA995Q	290A	2SA1040Y	290A	2SA1117	68
2SA781	106	2SA850C	290A	2SA907	180	2SA956H4	2407	2SA995R	290A	2SA1040Y	290A	2SA1117	68
2SA781AK	106	2SA850C(BCE)	290A	2SA908	285	2SA956H5	2407	2SA995S	290A	2SA1040Y	290A	2SA1117	68
2SA785	290A	2SA850D	290A	2SA909	285	2SA956H6	2407	2SA995T	290A	2SA1040Y	290A	2SA1117	68
2SA785P	290A	2SA850D(BCE)	290A	2SA912	288	2SA957	398	2SA995U	290A	2SA1040Y	290A	2SA1117	68
2SA785Q	290A	2SA854	290A	2SA912Q	288	2SA962	189	2SA995V	290A	2SA1040Y	290A	2SA1117	68
2SA786(BCE)	290A	2SA854A	290A	2SA912R	288	2SA962A	50	2SA995W	290A	2SA1040Y	290A	2SA1117	68
2SA786Q(BCE)	290A	2SA854B	290A	2SA912S	288	2SA963	174	2SA995X	290A	2SA1040Y	290A	2SA1117	68
2SA786R(BCE)	290A	2SA854C	290A	2SA912T	288	2SA963Q	374	2SA995Y	290A	2SA1040Y	290A	2SA1117	68
2SA790(ECB)	232	2SA854QV	290A	2SA913	398	2SA963QR	374	2SA995Z	290A	2SA1040Y	290A	2SA1117	68
2SA790(BCE)	232	2SA854R	290A	2SA913P	398	2SA963R	374	2SA995A	290A	2SA1040Y	290A	2SA1117	68
2SA793	129	2SA854RY	290A	2SA913Q	398	2SA965	383	2SA995B	290A	2SA1040Y	290A	2SA1117	68
2SA794	374#	2SA857	288	2SA913R	398	2SA966	294	2SA995C	290A	2SA1040Y	290A	2SA1117	68
2SA794A	374#	2SA858	159	2SA914	374#	2SA966Y	294	2SA995D	290A	2SA1040Y	290A	2SA1117	68
2SA794AP	374#	2SA872	91	2SA914P	374#	2SA968	398	2SA995E	290A	2SA1040Y	290A	2SA1117	68
2SA794AQ	374#	2SA872A	91	2SA914Q	374#	2SA968A	398	2SA995F	290A	2SA1040Y	290A	2SA1117	68
2SA794AR	374#	2SA872E	91	2SA915	288	2SA968A-Y	398	2SA995G	290A	2SA1040Y	290A	2SA1117	68
2SA794P	374#	2SA874	19	2SA915(ECB)	288	2SA968B	398	2SA995H	290A	2SA1040Y	290A	2SA1117	68
2SA794Q	374#	2SA874M	19	2SA915K(ECB)	288	2SA968B-O	398	2SA995I	290A	2SA1040Y	290A	2SA1117	68
2SA794R	374#	2SA874MP	19	2SA915L(ECB)	288	2SA968C	398	2SA995J	290A	2SA1040Y	290A	2SA1117	68
2SA795	374	2SA874MQ	19	2SA915M(ECB)	288	2SA968B-Y	398	2SA995K	290A	2SA1040Y	290A	2SA1117	68
2SA795P	374	2SA874MR	19	2SA916(ECB)	288	2SA968-O	398	2SA995L</					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SA1175	290A	2SA1272Y	383 ♦	2SB37B	102A	2SB120	102A	2SB157	126A	2SB187R	102A	2SB303C	102A
2SA1175E	234	2SA1274	298	2SB37C	102A	2SB122	121	2SB158	126A	2SB187RED	102A	2SB303D	102A
2SA1175F	234	2SA1274-O	298	2SB37E	102A	2SB123	104	2SB159	126A	2SB187S	102A	2SB303K	102A
2SA1175H	290A	2SA1274Y	298	2SB37F	102A	2SB123A	104	2SB160	126A	2SB187Y	102A	2SB304	158
2SA1175J	290A	2SA1275	32	2SB38	102	2SB126	121	2SB161	102	2SB187VEL	102A	2SB304A	158
2SA1175K	234	2SA1275O	32	2SB39	102A	2SB126A	121	2SB163	102	2SB188	102A	2SB309	127
2SA1175R	290A	2SA1275R	32	2SB40	102A	2SB126AA	121	2SB165	102	2SB199	102	2SB310	127
2SA1175Y	290A ♦	2SA1279	378#	2SB41	104	2SB126AB	121	2SB167	158	2SB200	102A	2SB311	127
2SA1178	374	2SA1279-O	378#	2SB42	121	2SB126AC	121	2SB168	102A	2SB200(Bridge)	5313	2SB312	127
2SA1179	2407	2SA1298	2407	2SB43	102A	2SB126AD	121	2SB169	102A	2SB200A	102A	2SB313	127
2SA1179M4	2407	2SA1298O	2407	2SB43A	102A	2SB126AE	121	2SB170	102A	2SB201	102A	2SB315	102A
2SA1179M5	2407	2SA1298Y	2407	2SB44	102A	2SB126AF	121	2SB171	102A	2SB202	102A	2SB316	102A
2SA1179M6	2407	2SA1301	2329	2SB46	102A	2SB126AG	121	2SB171A	102A	2SB203AA	179	2SB317	102A
2SA1182	2407	2SA1301-O	2329	2SB47	102A	2SB126AH	121	2SB171B	102A	2SB204	179	2SB318	127
2SA1182O	2407	2SA1301-R	2329	2SB48	102	2SB126B	121	2SB172	102A	2SB205	179	2SB319	127
2SA1182Y	2407	2SA1302	2329	2SB49	102	2SB126C	121	2SB172A	102A	2SB206	179	2SB320	127
2SA1183	391	2SA1302-O	2329	2SB50	102	2SB126D	121	2SB172AF	102A	2SB215	121	2SB321	102A
2SA1184	374	2SA1302-R	2329	2SB51	102	2SB126E	121	2SB172B	102A	2SB216	121	2SB322	102A
2SA1184O	374	2SA1303	2306#	2SB52	102	2SB126F	121	2SB172C	102A	2SB216A	121	2SB323	102A
2SA1185	37	2SA1305	153#	2SB53	102	2SB126G	121	2SB172D	102A	2SB217	121	2SB324	158
2SA1185-O	37	2SA1305-O	153#	2SB54	102A	2SB126H	121	2SB172E	102A	2SB217A	121	2SB324/4454C	158
2SA1185-P	37	2SA1307	378#	2SB54B	102A	2SB126V	121	2SB172F	102A	2SB217G	121	2SB324A	158
2SA1185-Q	37	2SA1307-O	378#	2SB54E	102A	2SB127	121	2SB172H	102A	2SB217U	121	2SB324B	158
2SA1186	37	2SA1308	378#	2SB54F	102A	2SB127A	121	2SB172P	102A	2SB219	102	2SB324D	158
2SA1187	34	2SA1308-O	378#	2SB54Y	102A	2SB127AM	121	2SB172R	102A	2SB220	102	2SB324E	158
2SA1188	383	2SA1312	2411	2SB55	102A	2SB127AN	121	2SB173	102A	2SB220A	102	2SB324E-1	158
2SA1188D	383	2SA1312G	2411	2SB56	102A	2SB127AO	121	2SB173A	102A	2SB221	102	2SB324F	158
2SA1189	383	2SA1313	2407	2SB56A	102A	2SB127AP	121	2SB173B	102A	2SB221A	102	2SB324G	158
2SA1189D	383	2SA1313Y	2407	2SB56B	102A	2SB127AQ	121	2SB173C	102A	2SB222	102	2SB324GHI	158
2SA1190	383	2SA1313Y	2407	2SB56C	102A	2SB127AS	121	2SB173L	102A	2SB223	102	2SB324H	158
2SA1190D	383	2SA1316	91	2SB57	102A	2SB127M	121	2SB174	102A	2SB224	102A	2SB324I	158
2SA1191	383	2SA1331	2407	2SB58	158	2SB127N	121	2SB175	102A	2SB226	102A	2SB324J	158
2SA1191D	383	2SA1338	2407	2SB59	102A	2SB127O	121	2SB175A	102A	2SB227	102A	2SB324K	158
2SA1193	232	2SA1364L4	2407	2SB60	102A	2SB127P	121	2SB175B	102A	2SB228	127	2SB324L	158
2SA1193K	2342	2SA1338AL5	2407	2SB60A	102A	2SB127Q	121	2SB175C	102A	2SB229	127	2SB324N	158
2SA1198	234	2SA1341	2419	2SB61	102A	2SB127S	121	2SB175E	102A	2SB230	127	2SB324P	158
2SA1198B	234	2SA1342	2417	2SB62	226	2SB128	127	2SB176	102A	2SB231	127	2SB324R	158
2SA1198R	234	2SA1344	2315	2SB63	131	2SB128A	127	2SB176B	102A	2SB232	127	2SB324S	158
2SA1198S	234	2SA1345	2360	2SB64	127	2SB128AA	127	2SB176M	102A	2SB233	127	2SB324V	158
2SA1199(CEB)	159	2SA1346	2358	2SB65	102A	2SB128AB	127	2SB176-O	102A	2SB234	127	2SB326	102A
2SA1199Q(CEB)	159	2SA1348	2356	2SB66	102A	2SB128AC	127	2SB176-P	102A	2SB234N	127	2SB327	102A
2SA1205	2429	2SA1362	2407	2SB66H	121	2SB128AD	127	2SB176R	102A	2SB235	213	2SB328	102
2SA1202O	2429	2SA1365	2407	2SB69	102A	2SB128AE	127	2SB176-PR	102A	2SB235A	213	2SB329	102A
2SA1202Y	2429	2SA1367	2407	2SB71	102A	2SB128AF	127	2SB176PFC	102A	2SB236	105	2SB329K	102A
2SA1204	2429	2SA1365E	2407	2SB72	102	2SB128AG	127	2SB177	102A	2SB237	105	2SB331	213
2SA1204O	2429	2SA1365F	2407	2SB73	102A	2SB128AH	127	2SB177A	102A	2SB237-12A	105	2SB331H	213
2SA1204Y	2429	2SA1366	2407	2SB73A	102A	2SB128B	127	2SB177D	102A	2SB237-12B	105	2SB331HA	213
2SA1205	37	2SA1369D	2407	2SB73B	102A	2SB128C	127	2SB177E	102A	2SB238	158	2SB331HB	213
2SA1206	217	2SA1368E	2407	2SB73C	102A	2SB128D	127	2SB177F	102A	2SB238-12A	158	2SB331HC	213
2SA1206K	217	2SA1368F	2407	2SB73GR	102A	2SB128E	127	2SB177N	102A	2SB238-12B	158	2SB332	213
2SA1215	34	2SA1381C	39	2SB73S	102A	2SB128F	127	2SB177O	102A	2SB238-12C	158	2SB332H	213
2SA1216	37	2SA1381D	39	2SB74	158	2SB128G	127	2SB177P	102A	2SB246	104	2SB332HA	213
2SA1217	185	2SA1381E	39	2SB75	102A	2SB128H	127	2SB177R	102A	2SB247	104	2SB332HB	213
2SA1220	374	2SA1389	34	2SB75A	102A	2SB128I	127	2SB178	102A	2SB248	104	2SB332HC	213
2SA1220A	374	2SA1408	374	2SB75AH	102A	2SB129	127	2SB178A	102A	2SB248A	104	2SB333	213
2SA1226	2407	2SA1415	2431	2SB75B	102A	2SB130	131	2SB178AA	102A	2SB249	179	2SB335	102
2SA1226E2	2407	2SA1415R	2431	2SB75C	102A	2SB130A	131	2SB178AB	102A	2SB249A	179	2SB336	102A
2SA1226E3	2407	2SA1416	2431	2SB75D	102A	2SB131	121	2SB178AC	102A	2SB250	104	2SB337	121
2SA1226E4	2407	2SA1418R	2431	2SB75H	102A	2SB131A	121	2SB178AD	102A	2SB250A	104	2SB337A	121
2SA1227	37	2SA1420	2360	2SB75LB	102A	2SB132	121	2SB178AE	102A	2SB251	127	2SB337B	121
2SA1232	37	2SA1421	2358	2SB76	102A	2SB132A	121	2SB178AM	102A	2SB251A	127	2SB337BK	121
2SA1232Q	37	2SA1423	2356	2SB77	102A	2SB133	102A	2SB178AN	102A	2SB252	127	2SB337H	121
2SA1232R	37	2SA1431	12	2SB77(B)	102A	2SB134B	102A	2SB178AO	102A	2SB252A	127	2SB337HA	121
2SA1235	2407	2SA1493	59	2SB77A	102A	2SB134C	102A	2SB178AP	102A	2SB253	127	2SB337HB	121
2SA1235E	2407	2SA1494	59	2SB77AA	102A	2SB134-D	102A	2SB178AQ	102A	2SB253A	127	2SB338	121
2SA1235F	2407	2SA1516	2329	2SB77AB	102A	2SB134E	102A	2SB178AR	102A	2SB254	226	2SB338H	121
2SA1245	2403	2SA1516-O	2329	2SB77AC	102A	2SB134F	102A	2SB178AS	102A	2SB255	226	2SB338HA	121
2SA1246	290A	2SA1516-R	2329	2SB77AD	102A	2SB135	102A	2SB178AT	102A	2SB256	226	2SB338HB	121
2SA1246R	290A	2SA2060	293	2SB77AH	102A	2SB135A	102A	2SB178AU	102A	2SB256	226	2SB339	179
2SA1246S	290A	2SA2060P	293	2SB77AP	102A	2SB135B	102A	2SB178AV	102A	2SB258	213 ♦	2SB339H	179
2SA1246T	290A	2SA2060Q	293	2SB77B	102A	2SB135C	102A	2SB178AW	102A	2SB259	213	2SB340	179
2SA1246U	290A	2SA1331O4	2407	2SB77B-11	102A	2SB135D	102A	2SB178AX	102A	2SB260	213	2SB340H	179
2SA1247	2411	2SA1331O5	2407	2SB77C	102A	2SB135E	102A	2SB178AY	102A	2SB261	102A	2SB341	127
2SA1247C25	2411	2SA1331O6	2407	2SB77D	102A	2SB135F	102A	2SB178B	102A	2SB262	102A	2SB341H	127
2SA1248(Audio)	374	2SA1J101	159	2SB77H	102A	2SB136	102A	2SB178C	102A	2SB263	102A	2SB341S	127
2SA1248R(Audio)	374	2SA-NJ101	159	2SB77V	102A	2SB136-2	102A	2SB178D	102A	2SB264	102A	2SB341V	127
2SA1248S(Audio)	374	2SB050(Bridge)	5312	2SB77VRED	102A	2SB136-3	102A	2SB178E	102A	2SB265	102A	2SB342	127
2SA1248T(Audio)	374	2SB-2C	506	2SB78	102A	2SB136A	102A	2SB178F	102A	2SB266	102A	2SB343	127
2SA1249(Audio)	374	2SB4B41	5312	2SB79	102A	2SB136B	102A	2SB178G	102A	2SB267	102A	2SB344	127
2SA1249R(Audio)	374	2SB22	131	2SB80	102A	2SB136C	102A	2SB178H	102A	2SB268Q	102A	2SB346	102A
2SA1249S(Audio)	374	2SB22A	102A	2SB83	104	2SB136D	102A	2SB178I	102A	2SB267	102A	2SB346K	102A
2SA1249T(Audio)	374	2SB22B	102A	2SB84	121	2SB136U	102A	2SB178J	102A	2SB268	102A	2SB346Q	102A
2SA1252	2409	2SB22H	102A	2SB85	127	2SB137	121	2SB178K	102A	2SB269	102A	2SB347	102A
2SA1252D4	2409	2SB22I	102A	2SB87	102A	2SB138	121	2SB178L	102A	2SB270	102A	2SB348	102A
2SA1252D5	2409	2SB22-O	102A	2SB89	102A	2SB140	104	2SB178Y	102A	2SB270A	102A	2SB348Q	102A
2SA1252D6	2409	2SB22R	102A	2SB89A	102A	2SB141	104	2SB183	102A	2SB270B	102A	2SB348R	102A
2SA													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SB370AA	102A	2SB435-R	153	2SB476W	176	2SB526C	292	2SB560F	383	2SB624BV2	2407	2SB656A	285
2SB370AB	102A	2SB435-Y	153	2SB481	131	2SB526D	292	2SB560G	383	2SB624BV3	2407	2SB656AB	285
2SB370AC	102A	2SB435-Y	153	2SB481A	131	2SB527	292	2SB561	290A	2SB624V4	2407	2SB656AC	285
2SB370AHA	102A	2SB439	102A	2SB481B	131	2SB527C	292	2SB561(ECB)	159	2SB624BV5	2407	2SB656B	285
2SB370AHB	102A	2SB439A	102A	2SB481C	131	2SB527D	292	2SB561A(ECB)	159	2SB628	398	2SB656C	285
2SB370B	102A	2SB440	102A	2SB481D	131	2SB527E	292	2SB561B(ECB)	159	2SB628Q	398	2SB668	262
2SB370C	102A	2SB443	102A	2SB481E	131	2SB528	292	2SB561C(ECB)	159	2SB628R	398	2SB668A	262
2SB370D	102A	2SB443A	102A	2SB481F	131	2SB528C	292	2SB561D(ECB)	159	2SB628S	398	2SB668B	262
2SB370P	102A	2SB443B	102A	2SB481G	131	2SB528D	292	2SB561K	398	2SB631	374	2SB668A	262
2SB370PB	102A	2SB444	126A	2SB481H	131	2SB529	153	2SB562	294	2SB631D	374	2SB673	262
2SB370V	102A	2SB444A	126A	2SB481I	131	2SB529C	153	2SB562A	294	2SB631E	374	2SB674	262
2SB371	102A	2SB444B	126A	2SB481J	131	2SB529D	153	2SB562B	294	2SB631F	374	2SB675	262
2SB371D	102A	2SB445	226	2SB481K	131	2SB530	281	2SB562C	294	2SB631G	374	2SB676	262
2SB372	176	2SB446	226	2SB481L	131	2SB531	281	2SB562D	294	2SB631H	374	2SB677	153
2SB373	176	2SB447	127	2SB481M	131	2SB531-O	281	2SB562E	294	2SB631K	374	2SB681	285
2SB375	127	2SB448	131	2SB481N	131	2SB531-R	281	2SB563	88	2SB631KE	374	2SB681-O	285
2SB375-2B	127	2SB449	121	2SB481U	131	2SB531-Y	281	2SB564	294	2SB631KF	374	2SB682	292
2SB375-5B	127	2SB449A	121	2SB481V	131	2SB532	281	2SB564K	294	2SB632	185	2SB682B	292
2SB375A	127	2SB449B	121	2SB481W	131	2SB532P	281	2SB564KA	294	2SB632D	185	2SB682C	292
2SB375A-2B	127	2SB449C	121	2SB481X	131	2SB532Q	281	2SB564L	294	2SB632E	185	2SB683	197
2SB375A-5B	127	2SB449D	121	2SB481Y	131	2SB532R	281	2SB564A	294	2SB632F	185	2SB683C	197
2SB375A-NB	127	2SB449E	121	2SB482	102A	2SB532S	281	2SB564AM	294	2SB632K	185	2SB683D	197
2SB375TV	127	2SB449F	121	2SB483	179	2SB533	176	2SB564MA	294	2SB632L	185	2SB684	294
2SB376	102A	2SB449L	121	2SB484	179	2SB534	102A	2SB566-04	292	2SB632KE	185	2SB685	271
2SB376G	102A	2SB449M	121	2SB485	179	2SB534A	102A	2SB566A	292	2SB632KF	185	2SB685K	271
2SB377	102	2SB449O	121	2SB486	102A	2SB535	158	2SB566AB	292	2SB633	378	2SB685L	271
2SB377B	102	2SB449P	121	2SB492	176	2SB536	292	2SB566AC	292	2SB633C	378	2SB686	37
2SB378	102A	2SB449Q	121	2SB492B	176	2SB536A	292	2SB566AK	292	2SB633D	378	2SB686-O	37
2SB378A	102A	2SB449R	121	2SB494	158	2SB536K	292	2SB566AKB	292	2SB633E	378	2SB686-R	37
2SB379	102	2SB449S	121	2SB495	158	2SB536L	292	2SB566AKC	292	2SB633F	381	2SB688	37
2SB379-2	102	2SB449T	121	2SB495A	158	2SB536M	292	2SB566AKD	292	2SB633G	381	2SB688-O	37
2SB379A	102	2SB450	158	2SB495B	158	2SB537	292	2SB566AE	292	2SB633H	381	2SB688Q	37
2SB379B	102	2SB450A	158	2SB495C	158	2SB537K	292	2SB566AF	292	2SB633I	381	2SB688-R	37
2SB380	102	2SB451	158	2SB495D	158	2SB537L	292	2SB566AG	292	2SB633J	381	2SB689	292
2SB380A	102	2SB452	158	2SB495T	158	2SB537LM	292	2SB566AH	292	2SB633K	381	2SB690	292
2SB381	102A	2SB452A	158	2SB496	102A	2SB539	285	2SB566KB	292	2SB633PC	381	2SB690B	292
2SB382	102A	2SB453	158	2SB497	102A	2SB539AQ	285	2SB566KC	292	2SB633PD	381	2SB690C	292
2SB383	102A	2SB457	158	2SB498	102A	2SB539AR	285	2SB566KD	292	2SB633PE	381	2SB691P	37
2SB383-1	102A	2SB457A	158	2SB498	102A	2SB539AS	285	2SB566KE	292	2SB633PF	381	2SB691Q	37
2SB383-2	102A	2SB457AA	158	2SB502	197	2SB539BQ	285	2SB566KF	292	2SB633PG	381	2SB691R	37
2SB384	102A	2SB457AB	158	2SB502A	197	2SB539BR	285	2SB566KG	292	2SB633PH	381	2SB692	37
2SB385	102A	2SB457AC	158	2SB502B	197	2SB539BS	285	2SB566KH	292	2SB633PI	381	2SB692Q	37
2SB386	102A	2SB457AD	158	2SB502C	197	2SB539CS	285	2SB566KI	292	2SB633PJ	381	2SB692R	37
2SB387	102A	2SB457-C	158	2SB503	197	2SB539CR	285	2SB566KJ	292	2SB633PK	381	2SB693	252
2SB387A	102A	2SB458	131	2SB503A	197	2SB539D	285	2SB566KL	292	2SB633PL	381	2SB693H	252
2SB389	102A	2SB458A	131	2SB503B	197	2SB539E	285	2SB566KM	292	2SB633PM	381	2SB696	88
2SB390	127	2SB459	102A	2SB503C	197	2SB539F	285	2SB566KN	292	2SB633PN	381	2SB696K	88
2SB391	121	2SB459A	102A	2SB503D	197	2SB539G	285	2SB566KO	292	2SB633PO	381	2SB697	281
2SB392	100	2SB459B	102A	2SB506	88	2SB541	88	2SB566KP	292	2SB633PP	381	2SB697C	281
2SB393	100	2SB459C	102A	2SB506A	88	2SB542(BCE)	290A	2SB566KQ	292	2SB633PQ	381	2SB697D	281
2SB394	100	2SB459D	102A	2SB506B	88	2SB542C(BCE)	290A	2SB566KR	292	2SB633PR	381	2SB697E	281
2SB395	100	2SB459E	102A	2SB506C	88	2SB542D(BCE)	290A	2SB566KS	292	2SB633PS	381	2SB697F	281
2SB396	102	2SB460	102A	2SB506D	88	2SB542E(BCE)	290A	2SB566KT	292	2SB633PT	381	2SB697G	281
2SB400	102A	2SB460A	102A	2SB506E	88	2SB544	294	2SB566KU	292	2SB633PU	381	2SB697H	281
2SB400(Bridge)	531A	2SB460B	102A	2SB507C	153	2SB544D	294	2SB566KV	292	2SB633PV	381	2SB697I	281
2SB400A	102A	2SB462	131	2SB507D	153	2SB544E	294	2SB566KW	292	2SB633PW	381	2SB697J	281
2SB400B	102A	2SB463	131	2SB507E	153	2SB544F	294	2SB566KX	292	2SB633PX	381	2SB697K	281
2SB400BL	102A	2SB463(V)	131	2SB507F	153	2SB544G	294	2SB566KY	292	2SB633PY	381	2SB697L	281
2SB400K	102A	2SB463B	131	2SB507P	153	2SB544H	294	2SB566KZ	292	2SB633PZ	381	2SB697M	281
2SB401	100	2SB463E	131	2SB508	153	2SB544P1D	193A	2SB566LA	292	2SB633Q	381	2SB697N	281
2SB402	100	2SB463R	131	2SB508C	153	2SB544P1E	193A	2SB566LB	292	2SB633R	381	2SB697O	281
2SB403	100	2SB463Y	131	2SB508D	153	2SB544P1F	193A	2SB566LC	292	2SB633S	381	2SB697P	281
2SB405	158	2SB464	127	2SB508E	153	2SB546	398	2SB566LD	292	2SB633T	381	2SB697Q	281
2SB405-2C	158	2SB465	127	2SB508F	153	2SB546A	398	2SB566LE	292	2SB633U	381	2SB697R	281
2SB405-3C	158	2SB466	226	2SB510	129	2SB546AL	398	2SB566LF	292	2SB633V	381	2SB697S	281
2SB405-4C	158	2SB467	226	2SB510S	129	2SB546AM	398	2SB566LG	292	2SB633W	381	2SB697T	281
2SB405A	158	2SB468	127	2SB511	153	2SB546B	398	2SB566LH	292	2SB633X	381	2SB697U	281
2SB405B	158	2SB468A	127	2SB511C	153	2SB546C	398	2SB566LI	292	2SB633Y	381	2SB697V	281
2SB405BR	158	2SB468B	127	2SB511D	153	2SB546D	398	2SB566LJ	292	2SB633Z	381	2SB697W	281
2SB405C	158	2SB468C	127	2SB511E	153	2SB546E	398	2SB566LK	292	2SB633AA	381	2SB697X	281
2SB405D	158	2SB468D	127	2SB511F	153	2SB546F	398	2SB566LM	292	2SB633AB	381	2SB697Y	281
2SB405E	158	2SB468E	127	2SB512	153	2SB546G	398	2SB566LN	292	2SB633AC	381	2SB697Z	281
2SB405F	158	2SB468F	127	2SB512-0	153	2SB546H	398	2SB566LO	292	2SB633AD	381	2SB698	159
2SB405G	158	2SB468G	127	2SB512A	153	2SB546I	398	2SB566LP	292	2SB633AE	381	2SB698A	159
2SB405H	158	2SB468H	127	2SB512B	153	2SB546J	398	2SB566LQ	292	2SB633AF	381	2SB698B	159
2SB405K	158	2SB468I	127	2SB512C	153	2SB546K	398	2SB566LR	292	2SB633AG	381	2SB698C	159
2SB405P	158	2SB468J	127	2SB512D	153	2SB546L	398	2SB566LS	292	2SB633AH	381	2SB698D	159
2SB405R	158	2SB468K	127	2SB512E	153	2SB546M	398	2SB566LT	292	2SB633AI	381	2SB698E	159
2SB405RE	158	2SB468L	127	2SB512F	153	2SB546N	398	2SB566LU	292	2SB633AJ	381	2SB698F	159
2SB405S	158	2SB468M	127	2SB512G	153	2SB546O	398	2SB566LV	292	2SB633AK	381	2SB698G	159
2SB407	121	2SB468N	127	2SB512H	153	2SB546P	398	2SB566LW	292	2SB633AL	381	2SB698H	159
2SB407-O	121	2SB468O	127	2SB512I	153	2SB546Q	398	2SB566LX	292	2SB633AM	381	2SB698I	159
2SB407TV	121	2SB468P	127	2SB512J	153	2SB546R	398	2SB566LY	292	2SB633AN	381	2SB698J	159
2SB408	102A	2SB468Q	127	2SB512K	153	2SB546S	398	2SB566LZ	292	2SB633AO	381	2SB698K	159
2SB410	127	2SB468R	127	2SB512L	153	2SB546T	398	2SB566LA	292	2SB633AP	381	2SB698L	159
2SB411	127	2SB468S	127	2SB512M	153	2SB546U	398	2SB566LB	292	2SB633AQ	381	2SB698M	159
2SB413	131	2SB468T	127	2SB512N	153	2SB546V	398	2SB566LC	292	2SB633AR	381	2SB698N	159
2SB414	226	2SB468U	127	2SB512O	153	2SB546W	398	2SB566LD	292	2SB633AS	381	2SB698O	159
2SB415													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SB710AR.....	2407	2SB755R.....	34	2SB793.....	21	2SB851Q.....	21 ♦	2SB941-A.....	55#	2SB989.....	292	2SC14.....	101
2SB710AS.....	2407	2SB757.....	2314	2SB793-Q.....	21	2SB851QD.....	14	2SB941-AP.....	55#	2SB989O.....	292	2SC15.....	123A
2SB710Q.....	2407	2SB757A.....	2314	2SB793-R.....	21	2SB851R.....	21 ♦	2SB941-AQ.....	55#	2SB989R.....	292	2SC15-1.....	123A
2SB710R.....	2407	2SB757B.....	2314	2SB793-S.....	21	2SB855.....	55	2SB941-AR.....	55#	2SB992.....	378 ♦	2SC15-2.....	123A
2SB710S.....	2407	2SB757C.....	2314	2SB794.....	254	2SB856.....	55	2SB941P.....	55	2SB992-0.....	378 ♦	2SC15-3.....	123A
2SB711.....	262	2SB759(BCE).....	234	2SB794AL.....	254	2SB857.....	55	2SB941Q.....	55	2SB993.....	378#	2SC16.....	123A
2SB712.....	262	2SB759A(BCE).....	234	2SB794L.....	254	2SB858.....	55	2SB941-R.....	55#	2SB993O.....	378#	2SC16A.....	123A
2SB713.....	37	2SB759R(BCE).....	234	2SB794M.....	254	2SB859.....	292	2SB942.....	55#	2SB994.....	378#	2SC17.....	123A
2SB713-P.....	37	2SB759S(BCE).....	234	2SB795.....	254	2SB859B.....	292	2SB942-A.....	55#	2SB994O.....	378#	2SC17A.....	123A
2SB713-Q.....	37	2SB760.....	55	2SB795L.....	254	2SB859C.....	292	2SB942-AP.....	55#	2SB994-Y.....	378#	2SC18.....	123A
2SB713-R.....	37	2SB760A.....	55	2SB795M.....	254	2SB860.....	55	2SB942-AQ.....	55#	2SB995.....	55#	2SC19.....	128
2SB714.....	176	2SB760AP.....	55	2SB796.....	2429	2SB861.....	55	2SB942-AR.....	55#	2SB995O.....	55#	2SC20.....	128
2SB715.....	91	2SB760AQ.....	55	2SB796DK.....	2429	2SB861C.....	55	2SB942-P.....	55#	2SB995-R.....	55#	2SC21.....	130
2SB715D.....	91	2SB760AR.....	55	2SB796DL.....	2429	2SB863.....	37	2SB942-Q.....	55#	2SB995-Y.....	55#	2SC22.....	400/128
2SB715E.....	91	2SB760P.....	55	2SB796DM.....	2429	2SB863O.....	37	2SB942-R.....	55#	2SB996.....	242#	2SC23.....	400/128
2SB716.....	91	2SB760Q.....	55	2SB796K.....	2429	2SB863R.....	37	2SB943.....	55#	2SB996-R.....	242#	2SC24.....	400/128
2SB716A.....	91	2SB760R.....	55	2SB796L.....	2429	2SB867.....	55	2SB943-P.....	55#	2SB996R.....	2429	2SC26.....	123A
2SB716AD.....	91	2SB761.....	55	2SB796M.....	2429	2SB867P.....	55	2SB943-Q.....	55#	2SB1000.....	2429	2SC27.....	123A
2SB716D.....	91	2SB761A.....	55	2SB796N.....	2429	2SB867Q.....	55	2SB943-R.....	55#	2SB1000(Bridge).....	5317	2SC28.....	123
2SB716E.....	91	2SB761AP.....	55	2SB796P.....	2429	2SB867R.....	55	2SB944-P.....	55#	2SB1000A.....	2429	2SC29.....	123
2SB716G.....	91	2SB761AR.....	55	2SB796Q.....	2429	2SB868.....	55	2SB944-Q.....	55#	2SB1000AK.....	2429	2SC30.....	128
2SB719.....	398	2SB761B.....	55	2SB796R.....	2429	2SB868P.....	55	2SB944-R.....	55#	2SB1000AL.....	2429	2SC31.....	128
2SB719A.....	398	2SB761L.....	55	2SB796S.....	2429	2SB868R.....	55	2SB944S.....	55#	2SB1000H.....	2429	2SC32.....	128
2SB719B.....	398	2SB761LBP.....	55	2SB796T.....	2429	2SB868R.....	55	2SB945-P.....	55#	2SB1000J.....	2429	2SC32A.....	128
2SB719C.....	398	2SB761LBQ.....	55	2SB796U.....	2429	2SB869.....	55	2SB945-Q.....	55#	2SB1002.....	2429	2SC33.....	161
2SB719D.....	398	2SB761P.....	55	2SB796V.....	2429	2SB869P.....	55	2SB945-R.....	55#	2SB1002H.....	2429	2SC34.....	103A
2SB720.....	398	2SB761Q.....	55	2SB796W.....	2429	2SB869R.....	55	2SB946-R.....	55#	2SB1002J.....	2429	2SC35.....	103A
2SB721.....	159	2SB761R.....	55	2SB796X.....	2429	2SB870.....	55	2SB946S.....	55#	2SB1007.....	185#	2SC36.....	103A
2SB722.....	285	2SB762.....	55	2SB796Y.....	2429	2SB870P.....	55	2SB946-Q.....	55#	2SB1007P.....	185#	2SC37.....	123A
2SB723.....	285 ♦	2SB762A.....	55	2SB796Z.....	2429	2SB870Q.....	55	2SB946-R.....	55#	2SB1009.....	185#	2SC37O.....	123A
2SB724.....	153	2SB762AP.....	55	2SB797.....	2429	2SB870R.....	55	2SB947.....	378#	2SB1015.....	378#	2SC38.....	123A
2SB725.....	290A	2SB762AQ.....	55	2SB797A.....	2429	2SB871.....	378	2SB947-A.....	378#	2SB1015-0.....	378#	2SC39.....	108
2SB725-Q.....	290A	2SB762AR.....	55	2SB797B.....	2429	2SB871A.....	378	2SB947-AP.....	378#	2SB1016.....	332#	2SC40.....	108
2SB726.....	290A ♦	2SB762P.....	55	2SB797C.....	2429	2SB871AP.....	378	2SB947-AQ.....	378#	2SB1016-0.....	332#	2SC41.....	163A
2SB726R.....	290A ♦	2SB762Q.....	55	2SB797D.....	2429	2SB871-AP.....	378	2SB947-AR.....	378#	2SB1016-Y.....	332#	2SC41TV.....	163A
2SB726-R.....	290A	2SB762R.....	55	2SB797E.....	2429	2SB871-AQ.....	378	2SB947-P.....	378#	2SB1017.....	292#	2SC42.....	163A
2SB726S.....	199	2SB763.....	37	2SB797F.....	2429	2SB871-AQ.....	378	2SB947-Q.....	378#	2SB1017-O.....	292#	2SC42A.....	163A
2SB726T.....	199	2SB763A.....	37	2SB797G.....	2429	2SB871-P.....	378	2SB947-R.....	378#	2SB1017O.....	292	2SC43.....	163A
2SB727.....	2344	2SB763AQ.....	37	2SB797H.....	2429	2SB871-Q.....	378	2SB948.....	378#	2SB1017-R.....	292#	2SC44.....	163A
2SB727K.....	2344	2SB763AR.....	37	2SB797I.....	2429	2SB871-R.....	378	2SB948-A.....	378#	2SB1017-Y.....	292#	2SC45.....	123A
2SB729.....	159	2SB763Q.....	37	2SB797J.....	2429	2SB872.....	282	2SB948-AP.....	378#	2SB1018.....	55#	2SC46.....	128
2SB729Q.....	159	2SB763R.....	37	2SB797K.....	2429	2SB872A.....	282	2SB948-AQ.....	378#	2SB1018-O.....	55#	2SC47.....	128
2SB729R.....	159	2SB764.....	383	2SB797L.....	2429	2SB872AQ.....	282	2SB948-AR.....	378#	2SB1018-Q.....	398	2SC48.....	128
2SB731.....	374	2SB764D.....	383	2SB797M.....	2429	2SB872AR.....	282	2SB948-P.....	378#	2SB1018-R.....	398	2SC49.....	128
2SB733.....	294	2SB764E.....	383	2SB797N.....	2429	2SB872Q.....	282	2SB948-Q.....	378#	2SB1018S.....	398	2SC49Y.....	128
2SB733K.....	294	2SB764F.....	383	2SB797O.....	2429	2SB872R.....	282	2SB948-R.....	378#	2SB1018-T.....	398	2SC50.....	101
2SB733L.....	294	2SB765.....	262 ♦	2SB797P.....	2429	2SB872S.....	282	2SB948-S.....	378#	2SB1018U.....	398	2SC50A.....	101
2SB734.....	383	2SB766.....	2429	2SB797Q.....	2429	2SB872T.....	282	2SB948-AQ.....	378#	2SB1018V.....	398	2SC51.....	128
2SB734-A.....	383	2SB766A.....	2429	2SB797R.....	2429	2SB872U.....	282	2SB948-AR.....	378#	2SB1018W.....	398	2SC52.....	123A
2SB734K.....	383	2SB766AR.....	2429	2SB797S.....	2429	2SB872V.....	282	2SB948-AR.....	378#	2SB1018X.....	398	2SC53.....	123A
2SB734L.....	383	2SB766AS.....	2429	2SB797T.....	2429	2SB872W.....	282	2SB948-AQ.....	378#	2SB1018Y.....	398	2SC54.....	123A
2SB736.....	2407	2SB766AQ.....	2429	2SB797U.....	2429	2SB872X.....	282	2SB948-AR.....	378#	2SB1018Z.....	398	2SC55.....	123A
2SB736A.....	2411	2SB766AR.....	2429	2SB797V.....	2429	2SB872Y.....	282	2SB948-AQ.....	378#	2SB1018A.....	398	2SC56.....	107
2SB736AB51.....	2411	2SB766B.....	2429	2SB797W.....	2429	2SB872Z.....	282	2SB948-AR.....	378#	2SB1018B.....	398	2SC57.....	107
2SB736AB52.....	2411	2SB767.....	2429	2SB797X.....	2429	2SB873.....	282	2SB948-AQ.....	378#	2SB1018C.....	398	2SC58.....	154
2SB736AB53.....	2411	2SB767P.....	2429	2SB797Y.....	2429	2SB873A.....	282	2SB948-AR.....	378#	2SB1018D.....	398	2SC59.....	154
2SB736BW1.....	2407	2SB767Q.....	185	2SB797Z.....	2429	2SB873B.....	282	2SB948-AQ.....	378#	2SB1018E.....	398	2SC60.....	103A
2SB736BW2.....	2407	2SB767R.....	185	2SB798.....	2429	2SB873C.....	282	2SB948-AR.....	378#	2SB1018F.....	398	2SC61.....	128
2SB736BW3.....	2407	2SB767S.....	185	2SB798A.....	2429	2SB873D.....	282	2SB948-AQ.....	378#	2SB1018G.....	398	2SC62.....	123A
2SB736BW4.....	2407	2SB767T.....	185	2SB798B.....	2429	2SB873E.....	282	2SB948-AR.....	378#	2SB1018H.....	398	2SC63.....	108
2SB736BW5.....	2407	2SB767U.....	185	2SB798C.....	2429	2SB873F.....	282	2SB948-AQ.....	378#	2SB1018I.....	398	2SC64.....	128
2SB737.....	85 ♦	2SB767V.....	185	2SB798D.....	2429	2SB873G.....	282	2SB948-AR.....	378#	2SB1018J.....	398	2SC65.....	154
2SB737Q.....	85 ♦	2SB767W.....	185	2SB798E.....	2429	2SB873H.....	282	2SB948-AQ.....	378#	2SB1018K.....	398	2SC66.....	154
2SB740.....	383	2SB767X.....	381	2SB798F.....	2429	2SB873I.....	282	2SB948-AR.....	378#	2SB1018L.....	398	2SC67.....	154
2SB740-3.....	383	2SB767Y.....	381	2SB798G.....	2429	2SB873J.....	282	2SB948-AQ.....	378#	2SB1018M.....	398	2SC68.....	154
2SB740B.....	383	2SB767Z.....	381	2SB798H.....	2429	2SB873K.....	282	2SB948-AR.....	378#	2SB1018N.....	398	2SC69.....	128
2SB740C.....	383	2SB768.....	2429	2SB798I.....	2429	2SB873L.....	282	2SB948-AQ.....	378#	2SB1018O.....	398	2SC70.....	154
2SB741.....	383	2SB768A.....	2429	2SB798J.....	2429	2SB873M.....	282	2SB948-AR.....	378#	2SB1018P.....	398	2SC71.....	101
2SB741B.....	383	2SB768B.....	2429	2SB798K.....	2429	2SB873N.....	282	2SB948-AQ.....	378#	2SB1018Q.....	398	2SC72.....	101
2SB741C.....	383	2SB768C.....	2429	2SB798L.....	2429	2SB873O.....	282	2SB948-AR.....	378#	2SB1018R.....	398	2SC73.....	101
2SB741Q.....	383	2SB768D.....	2429	2SB798M.....	2429	2SB873P.....	282	2SB948-AQ.....	378#	2SB1018S.....	398	2SC74.....	123
2SB742Q.....	234	2SB768E.....	2429	2SB798N.....	2429	2SB873Q.....	282	2SB948-AR.....	378#	2SB1018T.....	398	2SC75.....	101
2SB743.....	185	2SB768F.....	2429	2SB798O.....	2429	2SB873R.....	282	2SB948-AQ.....	378#	2SB1018U.....	398	2SC76.....	101
2SB743Q.....	185	2SB768G.....	2429	2SB798P.....	2429	2SB873S.....	282	2SB948-AR.....	378#	2SB1018V.....	398	2SC77.....	101
2SB743R.....	185	2SB768H.....	2429	2SB798Q.....	2429	2SB873T.....	282	2SB948-AQ.....	378#	2SB1018W.....	398	2SC78.....	101
2SB744.....	185	2SB768I.....	2429	2SB798R.....	2429	2SB873U.....	282	2SB948-AR.....	378#	2SB1018X.....	398	2SC79.....	101
2SB744A.....	185	2SB768J.....	2429	2SB798S.....	2429	2SB873V.....	282	2SB948-AQ.....	378#	2SB1018Y.....	398	2SC80.....	101
2SB744R.....	185	2SB768K.....	2429	2SB798T.....	2429	2SB873W.....	282	2SB948-AR.....	378#	2SB1018Z.....	398	2SC81.....	101
2SB745.....	17	2SB768L.....	2429	2SB798U.....	2429	2SB873X.....	282	2SB948-AQ.....	378#	2SB1018A.....	398	2SC82.....	101
2SB745A.....	17	2SB768M.....	2429	2SB798V.....	2429	2SB873Y.....	282	2SB948-AR.....	378#	2SB1018B.....	398	2SC83.....	101
2SB745B.....	17	2SB768N.....	2429	2SB798W.....	2429	2SB873Z.....	282	2SB948-AQ.....	378#	2SB1018C.....	398	2SC84.....	101
2SB745C.....	17	2SB768O.....	2429	2SB798X.....	2429	2SB874.....	282	2SB948-AR.....	378#	2SB1018D.....	398	2SC85.....	101
2SB745D.....	17	2SB768P.....	2429	2SB798Y.....	2429	2SB874A.....	282	2SB948-AQ.....</					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
2SC109-R	128	2SC189D	128	2SC296	108	2SC367AR	85	2SC382-GR(ECB)	229	2SC454L	85	2SC482-0	195A
2SC109-Y	128	2SC189E	128	2SC298	282S	2SC367AY	85	2SC382GR(ECB)	229	2SC454LA	85	2SC482-GR	195A
2SC110	123A	2SC189F	128	2SC298-4	282S	2SC367G	85	2SC382G(ECB)	229	2SC455	289A	2SC482GR	195A
2SC111	123A	2SC190	128	2SC299	427/282S	2SC367O	85	2SC382R(ECB)	229	2SC456	195A	2SC482X	195A
2SC111D	123A	2SC191	123A	2SC300	123A	2SC367R	85	2SC382W(ECB)	229	2SC456A	195A	2SC482Y	195A
2SC112	128	2SC192	123A	2SC300B	123A	2SC367Y	85	2SC382W(ECB)	229	2SC456D	195A	2SC482-Y	195A
2SC113	128	2SC193	123A	2SC300C	123A	2SC368	199	2SC383	85	2SC456E	195A	2SC482A	324
2SC114	128	2SC194	123A	2SC300D	123A	2SC368BL	199	2SC383G	85	2SC458	85	2SC484BL	324
2SC115	128	2SC195	123A	2SC300E	123A	2SC368FL	199	2SC383H	85	2SC458(C)	85	2SC484R	324
2SC116	123	2SC196	123A	2SC301	123A	2SC368V	199	2SC383T	85	2SC458A	85	2SC484Y	324
2SC116T	195A	2SC197	123A	2SC301B	123A	2SC369	199	2SC383TM	85	2SC458AD	85	2SC485	324
2SC120	123A	2SC199	123A	2SC301C	123A	2SC369BL	199	2SC383W	85	2SC458B	85	2SC485BL	324
2SC121	128	2SC200	123A	2SC301D	123A	2SC369G	199	2SC383Y	85	2SC458C	85	2SC485C	324
2SC122	128	2SC201	123A	2SC301E	123A	2SC369G-BL	199	2SC384	107	2SC458D	85	2SC485Y	324
2SC123	128	2SC202	123A	2SC302	123A	2SC369GBL	199	2SC384-O	107	2SC458BLG	85	2SC486	324
2SC124	128	2SC204	123A	2SC302B	123A	2SC369GGR	199	2SC384Y	107	2SC458BX	85	2SC486BL	324
2SC127	123A	2SC204F	123A	2SC302C	123A	2SC369G-GR	199	2SC385	107	2SC458C	85	2SC486Y	324
2SC128	101	2SC205	123A	2SC302D	123A	2SC369G	199	2SC385A	107	2SC458C/D	85	2SC487	175
2SC129	101	2SC206	161	2SC302E	123A	2SC369G-V	199	2SC386	107	2SC458D	85	2SC488	175
2SC130	128	2SC207	161	2SC303	128	2SC369V	199	2SC386A-0(TV)	107	2SC458CLG	85	2SC489	175
2SC130L	128	2SC208	161	2SC306B	128	2SC370	289A	2SC387	107	2SC458CM	85	2SC489Y	175
2SC131	123A	2SC209	161	2SC306C	128	2SC370F	289A	2SC387A	107	2SC458D	85	2SC490	175
2SC132	123A	2SC210	128	2SC306D	128	2SC370G	289A	2SC387A(FA-3)	107	2SC458E	85	2SC491	175
2SC133	123A	2SC211	128	2SC306E	128	2SC370H	289A	2SC387AG	107	2SC458G	85	2SC491BL	175
2SC134	123A	2SC212	128	2SC306F	128	2SC370J	289A	2SC387G	107	2SC458GLB	85	2SC491R	175
2SC134B	123A	2SC213	282S	2SC307	128	2SC370K	289A	2SC388	107	2SC458-GR	85	2SC491Y	175
2SC135	123A	2SC214	282S	2SC307(CB Final)	195A	2SC371	289A	2SC388A	107	2SC458K	85	2SC492	280
2SC136	123A	2SC215	282S	2SC307B	128	2SC371(O)	289A	2SC388A-TM	107	2SC458KA	85	2SC493	87
2SC137	123A	2SC216	128	2SC307C	128	2SC371-I	289A	2SC388ATM	107	2SC458KB	85	2SC493-BL	87
2SC140	128	2SC217	128	2SC307D	128	2SC371B	289A	2SC388ATMFA	107	2SC458KC	85	2SC493-R	87
2SC145AQ	199	2SC218	128	2SC307E	128	2SC371G	289A	2SC388ATMFA-1	107	2SC458KD	85	2SC493-Y	87
2SC147	128	2SC218A	128	2SC307F	195A	2SC371H	289A	2SC388ATV	107	2SC458L	85	2SC495	295
2SC147-3	293	2SC219	161	2SC308	128	2SC371-O	289A	2SC389	161	2SC458LB	85	2SC495(RF PWR)	295
2SC147-4	293	2SC220	128	2SC309	128	2SC371-R	289A	2SC389-0	161	2SC458LC	85	2SC495(CB)	295
2SC148	108	2SC221	128	2SC309B	128	2SC371R	289A	2SC389R	161	2SC458LG	85	2SC495-0	295
2SC149	128	2SC222	128	2SC309C	128	2SC371-R-1	289A	2SC390	316	2SC458L(B)	85	2SC495AP	295
2SC150	123	2SC223	282S	2SC309D	128	2SC372	85	2SC392	316	2SC458LGA	85	2SC495AQ	295
2SC150T	128	2SC224	282S	2SC309E	128	2SC372(O)	85	2SC394	85	2SC458LGB	85	2SC495-O	295
2SC151	123	2SC225	282S	2SC310	282S	2SC372-1	85	2SC394-0	85	2SC458LGBM	85	2SC495-R	295
2SC151H	123	2SC226	128	2SC310B	282S	2SC372-2	85	2SC394GR	85	2SC458LGC	85	2SC495T	295
2SC151HC	123	2SC227	128	2SC310C	282S	2SC372/4454C	85	2SC394-O	85	2SC458LD	85	2SC495-X	295
2SC152	123	2SC228	128	2SC310D	282S	2SC372B	85	2SC394R	85	2SC458LGO	85	2SC495-Y	295
2SC152A	123	2SC229	128	2SC310E	282S	2SC372FA	85	2SC394W	85	2SC458LGS	85	2SC495Y	295
2SC152B	123	2SC230	123A	2SC311	195A	2SC372G	85	2SC394X	85	2SC458M	85	2SC495-YX	295
2SC152C	123	2SC231	123A	2SC312	224	2SC372GO	85	2SC394Y	85	2SC458-O	85	2SC496	295
2SC152D	123	2SC232	123A	2SC313	161	2SC372GR	85	2SC395	123A	2SC458P	85	2SC496(O)	295
2SC152E	123	2SC233	123A	2SC313C	161	2SC372GY	85	2SC395A	123A	2SC458PGC	85	2SC496-0	295
2SC152F	123	2SC234	282S	2SC313H	161	2SC372H	85	2SC395R	123A	2SC458RGS	85	2SC496O	295
2SC152H	123	2SC235(O)	282S	2SC314	123A	2SC372-I	85	2SC396	311	2SC458TOK	85	2SC496-O	295
2SC152HC	123	2SC235-O	282S	2SC316	123A	2SC372-R	85	2SC397	161	2SC458V	85	2SC496-R	295
2SC154	154	2SC236	128	2SC317	123A	2SC372X	85	2SC398	319P	2SC458VC	85	2SC496Y	295
2SC154B	154	2SC237	123A	2SC317C	123A	2SC372Y	85	2SC398(FA-1)	319P	2SC458-Y	85	2SC496-Y	295
2SC154C	154	2SC238	123A	2SC318	123A	2SC372-Y	85	2SC399	319P	2SC459	85	2SC497	128
2SC154H	128	2SC239	123A	2SC318-3	123A	2SC372Y(3rd IF)	233	2SC400	123A	2SC459B	85	2SC497-0	128
2SC154HA	128	2SC240	130	2SC318-4	123A	2SC372-Z	85	2SC400-0	123A	2SC459C	85	2SC497-R	128
2SC155	107	2SC241	130	2SC318-5	123A	2SC373	85	2SC400B	123A	2SC459D	85	2SC497-Y	128
2SC156	107	2SC242	130	2SC318A	123A	2SC373-0	85	2SC400-GR	123A	2SC460	85	2SC498	128
2SC157	123	2SC243	280	2SC318A-2	123A	2SC373BL	85	2SC400-R	123A	2SC460(A)	85	2SC498-0	128
2SC158	123	2SC244	130	2SC319	311	2SC373G	85	2SC400-Y	123A	2SC460(B)	85	2SC498-R	128
2SC159	123A	2SC245	385	2SC320	472	2SC373GR	85	2SC401	289A	2SC460A	85	2SC498-Y	128
2SC160	311	2SC246	385	2SC321	123A	2SC373S	85	2SC401A	289A	2SC460AB	85	2SC499	289A
2SC163	311	2SC247	128	2SC321H	123A	2SC373W	85	2SC401AK	289A	2SC460B	85	2SC499R	289A
2SC166	123A	2SC248	123A	2SC321HA	123A	2SC374	199	2SC402	289A	2SC460C	85	2SC499-R(FA-1)	289A
2SC167	123A	2SC249	128	2SC321HB	123A	2SC374-BL	199	2SC402A	289A	2SC460D	85	2SC499-RY	289A
2SC167	123A	2SC250	123A	2SC321HC	123A	2SC374JA	199	2SC403	289A	2SC460E	85	2SC499Y	289A
2SC170R	123A	2SC251	316	2SC322	123A	2SC374-V	199	2SC403(C)	289A	2SC460G	85	2SC499-Y(FA-1)	289A
2SC171	123A	2SC252	316	2SC323	123A	2SC375	107	2SC403A	289A	2SC460GB	85	2SC500	154
2SC172	123A	2SC253	316	2SC324	123A	2SC375-0	107	2SC403C	289A	2SC460H	85	2SC500R	154
2SC172A	123A	2SC254	128	2SC324A	123A	2SC375-Y	107	2SC403C(3RD IF)(ECB)	233	2SC460K	85	2SC500Y	128
2SC173	101	2SC255	128	2SC324H	123A	2SC376	85	2SC404	289A	2SC460L	85	2SC501	128
2SC174	123A	2SC256	128	2SC325	123A	2SC377	85	2SC404A	289A	2SC461	85	2SC502	195A
2SC174A	161	2SC257	128	2SC325A	316	2SC377-0	85	2SC405	123A	2SC461A	85	2SC503	128
2SC175	101	2SC258	128	2SC325C	316	2SC377A	85	2SC406	123A	2SC461B	85	2SC503GR	128
2SC175	101	2SC259	128	2SC325E	316	2SC378	289A	2SC407	385	2SC461C	85	2SC503-Y	128
2SC175	101	2SC260ME	85	2SC326	316	2SC378-O	289A	2SC408	385	2SC461E	85	2SC503-Y	128
2SC175	101	2SC261	195A	2SC328A	316	2SC378-R	289A	2SC409	385	2SC461F	85	2SC504	128
2SC175	101	2SC266	313	2SC329	316	2SC378-Y	289A	2SC410	385	2SC461G	85	2SC504GR	128
2SC175	101	2SC270	165	2SC329B	316	2SC379	85	2SC411	385	2SC461H	85	2SC504-Y	128
2SC175	101	2SC273	154	2SC329C	316	2SC380	85	2SC412	385	2SC461I	161	2SC505	154
2SC179	103A	2SC277C	103A	2SC330	123A	2SC380-1	85	2SC423	123A	2SC461J	316	2SC505-O	154
2SC180	103A	2SC281	123A	2SC331H	123A	2SC380A	85	2SC423B	123A	2SC461K	316	2SC505-R	154
2SC181	103A	2SC281A	123A	2SC332	123A	2SC380A(O)	85	2SC423C	123A	2SC461L	316	2SC506	154
2SC182	313	2SC281B	123A	2SC333	123A	2SC380A-0(TV)	85	2SC423D	123A	2SC461M	316	2SC506-O	154
2SC182Q	313	2SC281C	123A	2SC333HC	123A	2SC380A-C	85	2SC423E	123A	2SC461N	316	2SC506-R	154
2SC183	313	2SC281D-EP	123A	2SC334	123A	2SC380A	85	2SC423F	123A	2SC461P	108	2SC507	154
2SC183E	313	2SC281E	123A	2SC335	123A	2SC380A-O	85	2SC423G	123A	2SC461Q	108	2SC507-0	154
2SC183F	313	2SC281F	123A	2SC336	123A	2SC380A-0(TV)	85	2SC423H	123A	2SC461R	108	2SC507-R	154
2SC183G	313	2SC281G	123A	2SC337	123A	2SC380A-R	85	2SC423I	123A	2SC461S	108	2SC507-Y	154
2SC183L	313	2SC281H	123A	2SC338	123A	2SC380A-T							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SC516A	128	2SC544C	107	2SC620MD(BCE)	85	2SC668SP	107	2SC697AJ	427/2825	2SC716	289A	2SC756-1-4	2825
2SC517	237	2SC544E	107	2SC620ME(BCE)	85	2SC669	2825	2SC697B	427/2825	2SC716B	289A	2SC756-2	2825
2SC517C	237	2SC545	107	2SC620R(BCE)	85	2SC669A	2825	2SC697D	427/2825	2SC716C	289A	2SC756-2-1	2825
2SC519	87	2SC545A	107	2SC621	85	2SC670	124	2SC697E	427/2825	2SC716D	289A	2SC756-2-2	2825
2SC519A	87	2SC545B	107	2SC622	123A	2SC671K	378	2SC697F	427/2825	2SC716E	289A	2SC756-2-3	2825
2SC520	87	2SC545B	107	2SC626	123A	2SC671KA	378	2SC697H	427/2825	2SC716F	289A	2SC756-2-4	2825
2SC520A	87	2SC545D	107	2SC627	154	2SC671KB	378	2SC697I	427/2825	2SC717	107	2SC756-2-5	2825
2SC521	87	2SC545E	107	2SC627F	154	2SC671KC	378	2SC697J	427/2825	2SC717(3rd IF)	107	2SC756-3	2825
2SC521A	87	2SC547	311	2SC627FA	154	2SC674	107	2SC699	237	2SC717(Last IF)	107	2SC756-3-1	2825
2SC522	427/2825	2SC555	311	2SC627FB	154	2SC674B	107	2SC705	107	2SC717B	107	2SC756-3-2	2825
2SC522-R	225	2SC558	389	2SC628	311	2SC674C	107	2SC705B	107	2SC717BK	107	2SC756-3-3	2825
2SC522-R	225	2SC560	128	2SC629	107	2SC674CK	107	2SC705C	107	2SC717BLK	107	2SC756-3-4	2825
2SC523	427/2825	2SC561	108	2SC631	85	2SC674CL	107	2SC705D	107	2SC717C	107	2SC756-4	2825
2SC523-0	427/2825	2SC562	161	2SC631A	85	2SC674CV	107	2SC705E	107	2SC717E	107	2SC756-4-1	2825
2SC523-R	427/2825	2SC562	161	2SC632	85	2SC674CZ	107	2SC705F	107	2SC717TM	107	2SC756-4-2	2825
2SC524	427/2825	2SC562-0	161	2SC632A	85	2SC674D	107	2SC705TV	107	2SC720	107	2SC756-4-3	2825
2SC524-0	225	2SC562Y	161	2SC632B	85	2SC674E	107	2SC705TV(3rd IF)	233	2SC722	107	2SC756-4-4	2825
2SC524-R	225	2SC563	161	2SC633	85	2SC674F	107	2SC707	316	2SC722F	107	2SC756-5	2825
2SC525	237	2SC563(3rd IF)	161	2SC633A	85	2SC674G	107	2SC707H	316	2SC723	107	2SC756-5-1	2825
2SC525-0	237	2SC563A	161	2SC633G	85	2SC674V	107	2SC708	128	2SC723F	107	2SC756A-1	2825
2SC525-R	237	2SC563A(3rd IF)	161	2SC633H	85	2SC675	87	2SC708A	128	2SC724B	289A	2SC756A-2	2825
2SC526	154	2SC564	123A	2SC634	85	2SC677	87	2SC708AA	128	2SC724G	289A	2SC756A-3	2825
2SC529	85	2SC564A	123A	2SC634A	85	2SC680	286	2SC708AB	128	2SC724V	289A	2SC756A-4	2825
2SC529A	85	2SC564P	123A	2SC634-SP	85	2SC680A	286	2SC708AH	128	2SC724X	289A	2SC756C	2825
2SC535	107	2SC564Q	123A	2SC634-SP8	85	2SC680R	286	2SC708B	128	2SC725	289A	2SC756D	2825
2SC535(B)	107	2SC564R	123A	2SC635	475	2SC681	283	2SC708AHA	128	2SC725B	289A	2SC756E	2825
2SC535A	107	2SC564S	123A	2SC636	476	2SC681A	283	2SC708ABH	128	2SC725G	289A	2SC756H	2825
2SC535-B	107	2SC564T	123A	2SC640	313	2SC681ARD	283	2SC708AHC	128	2SC725-O	289A	2SC756S	2825
2SC535B	107	2SC565	123A	2SC640B	313	2SC681AYL	283	2SC708B	128	2SC725Y	289A	2SC756S-2-1	2825
2SC535C	107	2SC566	311	2SC641	85	2SC681B	283	2SC708C	128	2SC727	287	2SC756S-2-2	2825
2SC535G	107	2SC567	316	2SC641B	85	2SC681L	283	2SC708H	128	2SC727A	287	2SC756S-2-3	2825
2SC535NB	107	2SC568	316	2SC641C	85	2SC681Y	283	2SC709	85	2SC727B	287	2SC756S-2-4	2825
2SC536	85	2SC571	346	2SC641K	85	2SC681YL	283	2SC709B	85	2SC728	287	2SC756S-3-1	2825
2SC536A	85	2SC572	475	2SC641KB	85	2SC682	161	2SC709C	85	2SC728A	287	2SC756S-3-2	2825
2SC536B	85	2SC572R	475	2SC641KC	85	2SC682A	161	2SC709CD	85	2SC728B	287	2SC756S-3-3	2825
2SC536C	85	2SC573	476	2SC642	164	2SC682B	161	2SC709D	85	2SC728B	287	2SC756S-3-4	2825
2SC536D	85	2SC573R	476	2SC642A	189	2SC682E	161	2SC710(BCE)	85	2SC730	487	2SC756S-4-1	2825
2SC536E	85	2SC578	123	2SC643	389	2SC683	161	2SC710(BCE)	85	2SC731	311	2SC756S-4-2	2825
2SC536F	85	2SC580	128	2SC643A	389	2SC683A	161	2SC710(CBCE)	85	2SC732	199	2SC756S-4-3	2825
2SC536FPD	289A	2SC582	124	2SC643A-4A	389	2SC683B	161	2SC710(D)(BCE)	85	2SC732-0	199	2SC756S-4-4	2825
2SC536FPE	289A	2SC582A	124	2SC644	199	2SC683P	161	2SC710-0(BCE)	85	2SC732B	199	2SC757	313
2SC536FPF	289A	2SC582B	124	2SC644C	199	2SC683Q	161	2SC710-1(BCE)	85	2SC732BL	199	2SC761	161
2SC536FPG	199	2SC582BC	124	2SC644F	199	2SC683R	161	2SC710-2(BCE)	85	2SC732GR	199	2SC761Y	161
2SC536FPH	199	2SC582BX	124	2SC644FR	199	2SC683V	161	2SC710-3(BCE)	85	2SC732GR/4454C	199	2SC761Z	161
2SC536G	199	2SC582BY	124	2SC644FS	199	2SC684	107	2SC710-4(BCE)	85	2SC732S	199	2SC762	161
2SC536H	199	2SC582C	124	2SC644H	199	2SC684A	107	2SC710-5(BCE)	85	2SC732TM	199	2SC762P	161
2SC536KD	289A	2SC582EA	124	2SC644HR	199	2SC684B	107	2SC710-13(BCE)	85	2SC732V	199	2SC763(BCE)	107
2SC536KE	289A	2SC583	316	2SC644HS	199	2SC684BK	107	2SC710-14(BCE)	85	2SC732Y	199	2SC763A(BCE)	107
2SC536KF	199	2SC583C	316	2SC644P	199	2SC684F	107	2SC710-15(BCE)	85	2SC733(GR)	199	2SC763B(BCE)	107
2SC536KG	199	2SC586	280	2SC644PJ	199	2SC684R	107	2SC710B(BCE)	85	2SC733-0	199	2SC763C(BCE)	107
2SC536KNP	199	2SC587	123A	2SC644Q	199	2SC685	124	2SC710C(BCE)	85	2SC733-0	199	2SC763D(BCE)	107
2SC536KNPD	289A	2SC587A	123A	2SC644QRS	199	2SC685(O)	124	2SC710D(BCE)	85	2SC733B	199	2SC763-E(BCE)	107
2SC536KNPE	289A	2SC587B	123A	2SC644R	199	2SC685A	124	2SC710E(BCE)	85	2SC733B	199	2SC763H(BCE)	107
2SC536KNPF	289A	2SC587C	123A	2SC644RF	199	2SC685B	124	2SC710F(BCE)	85	2SC733C	199	2SC763S(BCE)	107
2SC536KNPG	199	2SC588	123A	2SC644RST	199	2SC685BK	124	2SC710G(BCE)	85	2SC733D	199	2SC768	328
2SC536KNPH	199	2SC589	154	2SC644S	199	2SC685GU	124	2SC710H(BCE)	85	2SC733E	199	2SC771	283
2SC536KNP-T	85	2SC590	154	2SC644T	199	2SC685H	124	2SC710I(BCE)	85	2SC733F	199	2SC772(ECB)	229
2SC536NP	85	2SC590Y	289A	2SC645	107	2SC685HA	124	2SC710J(BCE)	85	2SC733G	199	2SC772B(ECB)	229
2SC536NPD	289A	2SC593	123A	2SC645A	107	2SC685HB	124	2SC710K(BCE)	85	2SC733H	199	2SC772B(ECB)	229
2SC536NPE	289A	2SC594	123A	2SC645C	107	2SC685P	124	2SC710L(BCE)	85	2SC733I	199	2SC772B(ECB)	229
2SC536NPF	289A	2SC595	123A	2SC646	328	2SC685S	124	2SC710M(BCE)	85	2SC733J	199	2SC772B(ECB)	229
2SC536NPG	199	2SC596	123A	2SC647	328	2SC685Y	124	2SC710N(BCE)	85	2SC733K	199	2SC772B(ECB)	229
2SC536NPH	199	2SC601	311	2SC647P	328	2SC686	154	2SC710O(BCE)	85	2SC733L	199	2SC772B(ECB)	229
2SC536NP-T	85	2SC602	161	2SC647Q	328	2SC687	280	2SC711(BCE)	85	2SC733M	199	2SC772B(ECB)	229
2SC536SPD	289A	2SC605	313	2SC647R	328	2SC689	359	2SC711A(BCE)	85	2SC733N	199	2SC772B(ECB)	229
2SC536SPE	289A	2SC605(B)	313	2SC648	123A	2SC689A	359	2SC711AD(BCE)	85	2SC733O	199	2SC772B(ECB)	229
2SC536SPF	289A	2SC605(C)	313	2SC648H	123A	2SC689B	199	2SC711AF(BCE)	85	2SC733P	199	2SC772C(ECB)	229
2SC536SPG	199	2SC605(BK)	313	2SC649	123A	2SC689C	199	2SC711AG(BCE)	85	2SC733Q	199	2SC772C(ECB)	229
2SC536SPH	199	2SC605K	313	2SC649A	123A	2SC689E	199	2SC711AH(BCE)	85	2SC733R	199	2SC772C(ECB)	229
2SC536Y	85	2SC605L	313	2SC649B	123A	2SC689ET	199	2SC711AI(BCE)	85	2SC733S	199	2SC772C(ECB)	229
2SC537	289A	2SC605M	313	2SC650	123A	2SC689F	199	2SC711C(BCE)	85	2SC733T	199	2SC772C(ECB)	229
2SC537(G)	199	2SC605Q	313	2SC650A	123A	2SC689FC	199	2SC711D(BCE)	85	2SC733U	199	2SC772C(ECB)	229
2SC537(F)	199	2SC606	313	2SC650B	123A	2SC689FL	199	2SC711E(BCE)	85	2SC733V	199	2SC772C(ECB)	229
2SC537-01	289A	2SC606(BK)	313	2SC651	311	2SC689FU	199	2SC711F(BCE)	85	2SC733W	199	2SC772C(ECB)	229
2SC537B	289A	2SC606(B)	313	2SC652	311	2SC689G	199	2SC711G(BCE)	85	2SC733X	199	2SC772C(ECB)	229
2SC537C	289A	2SC606A	313	2SC653	316	2SC689GL	199	2SC711H(BCE)	85	2SC733Y	199	2SC772C(ECB)	229
2SC537-C7	289A	2SC608	237	2SC654	311	2SC689GS	199	2SC711I(BCE)	85	2SC734	289A	2SC772D(ECB)	229
2SC537D	289A	2SC608E	237	2SC657	107	2SC689GUS	199	2SC711J(BCE)	85	2SC734-R	289A	2SC772D(ECB)	229
2SC537D2	289A	2SC608T	237	2SC658	107	2SC689H	199	2SC711K(BCE)	85	2SC734Y	289A	2SC772D(ECB)	229
2SC537E	289A	2SC609	237	2SC658A	107	2SC689GZ	199	2SC711L(BCE)	85	2SC735	289A	2SC772D(ECB)	229
2SC537EF	289A	2SC609F	237	2SC659	107	2SC689H	199	2SC711M(BCE)	85	2SC735(FA-3)	289A	2SC772D(ECB)	229
2SC537EH	289A	2SC609T	237	2SC662	108	2SC689S	199	2SC712(BCE)	85	2SC735(O)	289A	2SC772D(ECB)	229
2SC537EV	289A	2SC609Y	237	2SC663	161	2SC689SF	199	2SC712CD(BCE)	85	2SC735-0	289A	2SC772D(ECB)	229
2SC537EK	289A	2SC612	316	2SC664	130	2SC689SG	199	2SC712D(BCE)	85	2SC735-4454C	289A	2SC772D(ECB)	229
2SC537F	289A	2SC612	316	2SC664B	130	2SC689SH	199	2SC712E(BCE)	85	2SC735G	289A	2SC772D(ECB)	229
2SC537F1	289A	2SC614	195A	2SC664C	130	2SC689S	199	2SC					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SC780G	194	2SC828AP	85	2SC840HP	175	2SC881B	192A	2SC927CU	161	2SC940P	283	2SC963	123A
2SC781	195A	2SC828AQ	85	2SC840PQ	175	2SC881C	192A	2SC927CW	161	2SC940Q	283	2SC964	123A
2SC782	286	2SC828AR	85	2SC844	311	2SC881D	192A	2SC927DD	161	2SC940R	283	2SC966	123A
2SC782-O	286	2SC828AS	85	2SC845	311	2SC881E	192A	2SC927E	161	2SC941	289A	2SC967	123A
2SC782-R	286												
2SC782-Y	286	2SC828AT	85	2SC847	128A	2SC881M	192A	2SC928	161	2SC941-0	289A	2SC968	123A
2SC783	286	2SC828B	85	2SC847A	123A	2SC888	130	2SC928B	161	2SC941-0Y	289A	2SC969	123A
2SC783-O	286	2SC828C	85	2SC847B	123A	2SC890	367	2SC928D	161	2SC941-0Y	289A	2SC970	123A
2SC783-R	286	2SC828E	85	2SC847C	123A	2SC891	363	2SC928E	161	2SC941-0Y	289A	2SC972	128
2SC783Y	286	2SC828F	85	2SC848	123A	2SC892	364	2SC928E	161	2SC941-R	289A	2SC972C	128
2SC783-Y	286	2SC828FR	85	2SC848A	123A	2SC893	427/282S	2SC929	107	2SC941R	289A	2SC972D	128
2SC784(ECB)	229	2SC828H	85	2SC848B	123A	2SC894	289A	2SC929-0	107	2SC941R-TM	289A	2SC972E	128
2SC784-O(ECB)	229	2SC828HR	85	2SC848C	123A	2SC895	355	2SC929B	107	2SC941R-TM	289A	2SC972F	363
2SC784A(ECB)	229	2SC828K	85	2SC849A	123A	2SC896	123A	2SC929C	107	2SC941-TM(MID)	289A	2SC975A	364
2SC784B(ECB)	229	2SC828L	85			2SC897	280	2SC929C1	107	2SC941-TM-0	289A	2SC979	123A
2SC784-O(ECB)	229	2SC828LS	85	2SC849B	123A	2SC897A	280	2SC929D	107	2SC941-Y	289A	2SC979-O	123A
2SC784-O(ECB)	229	2SC828N	85	2SC849C	123A	2SC897B	280	2SC929D1	107	2SC941Y	289A	2SC979-Y	123A
2SC784R(ECB)	229	2SC828O	85	2SC850	123A	2SC897C	280	2SC929E	107	2SC941Y	289A	2SC980	85
2SC784R/4454C(ECB)	229	2SC828P	85	2SC850A	123A	2SC897D	280	2SC929F	107	2SC943	123A	2SC980AG	85
2SC784Y(ECB)	229	2SC828-OP	85	2SC850B	123A	2SC898A	280	2SC929DU	107	2SC943A	123A	2SC980AGO	85
2SC785(ECB)	229	2SC828P	85	2SC850C	123A	2SC898B	280	2SC929DV	107	2SC943B	123A	2SC980AGO	85
2SC785-O(ECB)	229	2SC828-P	85	2SC852	311	2SC898C	280	2SC929E	107	2SC943C	127	2SC980AGY	85
2SC785BN(ECB)	229	2SC828PQ	85	2SC853	192A	2SC899	123A	2SC929F	107	2SC944	85	2SC980G	85
2SC785D(ECB)	229	2SC828-Q	85	2SC853B	192A	2SC899A	123A	2SC929FK	107	2SC944K	85	2SC980GOY	85
2SC785E(ECB)	229	2SC828Q	85			2SC900	199			2SC944P	85		
2SC785-O(ECB)	229	2SC828QRS	85	2SC853C	192A	2SC900(L)	199	2SC929H	107	2SC944Q	85	2SC980O	85
2SC785R(ECB)	229	2SC828R	85	2SC853K	192A	2SC900(F)	199	2SC929NP	107	2SC944R	85	2SC980Y	85
2SC786	161	2SC828-R	85	2SC853KLM	192A	2SC900A	199	2SC929NPD	107	2SC944S	85	2SC982	172A
2SC786-O	161	2SC828S	85	2SC854	311	2SC900AF	199	2SC929NP	107	2SC945	85	2SC983	399
						2SC900B	199	2SC929NPF	107	2SC945(R)	85	2SC983-0	399
2SC786R	161	2SC828RT	85	2SC855	311	2SC900C	199	2SC929NPP	107	2SC945 G	85	2SC983-O(ECB)	287
2SC787	161	2SC828S	85	2SC856	154	2SC900D	199	2SC929SP	107	2SC945A	85	2SC983A(ECB)	287
2SC787A	161	2SC828ST	85	2SC856-02	154	2SC900E	199	2SC929SPC	107	2SC945A/D	85	2SC983C(ECB)	287
2SC788	152	2SC828W	85	2SC857	154	2SC900EF	199	2SC929SPD	107	2SC945AK	85	2SC983D(ECB)	287
2SC789	152					2SC900EU	199	2SC929SPE	107	2SC945AO	85	2SC983FA-1(ECB)	287
2SC789-O	152	2SC828Y	85	2SC857H	154	2SC900F	199	2SC929SPF	107	2SC945A/P	85	2SC983O(ECB)	287
2SC789-O	152	2SC829	85	2SC858	199	2SC900G	199	2SC929SPH	107	2SC945AP	85	2SC983-O(ECB)	287
2SC789-R	152	2SC829B	85	2SC858F	199	2SC900H	199	2SC929SPH	107	2SC945AQ	85	2SC983R(ECB)	287
2SC789R	152	2SC829B/4454C	85	2SC858FG	199	2SC900J	199	2SC929SBB	107	2SC945AR	85	2SC983-R(ECB)	287
2SC789-Y	152					2SC900J/E	199	2SC929SBC	107	2SC945B	85	2SC983S(ECB)	287
2SC789Y	152	2SC829BC	85	2SC859	199	2SC900K	199	2SC929SBE	107	2SC945C	85	2SC983-Y(ECB)	287
2SC790	152	2SC829BY	85	2SC859E	199	2SC900L	199	2SC929SBE	107	2SC945CK	85	2SC983Y(ECB)	287
2SC790-O	152	2SC829C	85	2SC859F	199	2SC900VE	199	2SC929SBE	107	2SC945D	85	2SC984	128
2SC790-Y	152	2SC829D	85	2SC859FG	199	2SC901	163A	2SC929SBE	107	2SC945E	85	2SC984A	128
2SC790Y	152	2SC829F	85	2SC859G	199	2SC901A	163A	2SC929SBE	107	2SC945F	85	2SC984B	128
2SC791	175	2SC829P	85	2SC859GK	199	2SC902	284	2SC929SCL	107	2SC945G	85	2SC984C	128
2SC792	94	2SC829Q	85	2SC860	161	2SC903	289A	2SC929SCL	107	2SC945K	85	2SC984H	128
2SC793	130	2SC829R	85	2SC860D	161	2SC904	289A	2SC929SCL	107	2SC945L	85	2SC984HA	128
2SC793BL	130	2SC829S	85	2SC860E	161	2SC906	123A	2SC929SCL	107	2SC945L	85	2SC984HB	128
2SC793R	130	2SC829X	85	2SC863	161	2SC906A	123A	2SC929SCL	107	2SC945LP	85	2SC984HC	128
2SC793Y	130	2SC829Y	85	2SC863D	161	2SC906B	123A	2SC929SCL	107	2SC945LPQ	85	2SC991	311
2SC794R	130	2SC830	175	2SC864	161	2SC906C	123A	2SC929SCL	107	2SC945LQ	85	2SC992	311
2SC795	124	2SC830A	175	2SC866	237	2SC906F	123A	2SC929SCL	107	2SC945LR	85	2SC993	123A
2SC795A	124	2SC830B	175	2SC867	277S	2SC907	123A	2SC929SCL	107	2SC945M	85	2SC993D	123A
2SC796	123A					2SC907A	123A	2SC929SCL	107	2SC945O	85	2SC994	486
2SC797	128	2SC830BKB	175	2SC867A	277S	2SC907AC	123A	2SC929SCL	107	2SC945O	85	2SC995	154
2SC798	195A	2SC830C	175	2SC867B	277S	2SC907AD	123A	2SC929SCL	107	2SC945P	85	2SC996	427/154
2SC799	237	2SC830HA	175	2SC868(BCE)	194	2SC907AH	123A	2SC929SCL	107	2SC945P1	85	2SC997	161
2SC799K	237	2SC830HB	175	2SC868(BCE)	194	2SC907C	123A	2SC929SCL	107	2SC945P2	85	2SC998	487
2SC802	128	2SC830HC	175	2SC869(BCE)	194	2SC907D	123A	2SC929SCL	107	2SC945PO	85	2SC998BY	487
2SC803	195A	2SC833	384	2SC869C(BCE)	194	2SC907H	123A	2SC929SCL	107	2SC945P/O	85	2SC999	389
2SC804H	311	2SC833BL	384	2SC869D(BCE)	194	2SC907HA	123A	2SC929SCL	107	2SC945P/Q	85	2SC999A	389
2SC805	154	2SC833C	107	2SC870	85	2SC907HB	123A	2SC929SCL	107	2SC945PQ	85	2SC1000	199
2SC806	283	2SC833M	107	2SC870BL	85	2SC907HC	123A	2SC929SCL	107	2SC945Q	85	2SC1000BL	199
2SC806A	283	2SC837	107	2SC870C	85	2SC907HD	123A	2SC929SCL	107	2SC945Q	85	2SC1000BL	199
2SC807	385	2SC837F	107	2SC870D	85	2SC908	479	2SC929SCL	107	2SC945QA	85	2SC1000G	199
2SC807A	385	2SC837H	107	2SC870E	85	2SC912	85	2SC929SCL	107	2SC945QL	85	2SC1000GR	199
2SC808	388	2SC837K	107	2SC870F	85	2SC913	123A	2SC929SCL	107	2SC945Q	85	2SC1000GR	199
2SC808A	388	2SC837L	107	2SC871	85	2SC914	123A	2SC929SCL	107	2SC945OR	85	2SC1000SR	199
2SC808B	388	2SC837WF	107	2SC871BL	85	2SC915	123A	2SC929SCL	107	2SC945R	85	2SC1000-Y	199
2SC808C	388	2SC838	289A	2SC871D	85	2SC915A	123A	2SC929SCL	107	2SC945R	85	2SC1000Y	199
2SC809	316	2SC838(K)	289A	2SC871E	85	2SC915AQ	123A	2SC929SCL	107	2SC945RQ	85	2SC1001(EBC)	361
2SC810	311	2SC838(J)	289A	2SC871F	85	2SC915Q	123A	2SC929SCL	107	2SC945S	85	2SC1001	164
2SC811	161	2SC838(M)	289A	2SC871G	85	2SC915R	123A	2SC929SCL	107	2SC945T	85	2SC1004A	165
2SC814	192A	2SC838(H)	289A	2SC872M	311	2SC917	161	2SC929SCL	107	2SC945TK	85	2SC1005	165
2SC814-O	192A	2SC838(L)	289A	2SC875	128	2SC917K	161	2SC929SCL	107	2SC945TP	85	2SC1005A	165
2SC814-Y	192A	2SC838A	289A	2SC875-1	128	2SC918	161	2SC929SCL	107	2SC945TQ	85	2SC1006(EBC)	199
2SC815	289A	2SC838B	289A	2SC875-1C	128	2SC918A	161	2SC929SCL	107	2SC945TR	85	2SC1006A(EBC)	199
2SC815(M)	289A	2SC838C	289A	2SC875-1D	128	2SC918G	161	2SC929SCL	107	2SC945U	85	2SC1006B(EBC)	199
2SC815A	289A	2SC838D	289A	2SC875-1E	128	2SC922	107	2SC929SCL	107	2SC945X	85	2SC1006C(EBC)	199
2SC815B	289A	2SC838E	289A	2SC875-1F	128	2SC922A	107	2SC929SCL	107	2SC945Y	85	2SC1007	123A
2SC815C	289A	2SC838F	289A	2SC875-2	128	2SC922B	107	2SC929SCL	107	2SC945Z	85	2SC1008	128
2SC815F	289A	2SC838H	289A	2SC875-2C	128	2SC922C	107	2SC929SCL	107</				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SC1018	299	2SC1067	161	2SC1111	87	2SC1184B	164	2SC1226P	186A	2SC1312F(BCE)	199	2SC1347Q	192A
2SC1018-05	299	2SC1068	278	2SC1112	87	2SC1184C	164	2SC1226Q	186A	2SC1312G(BCE)	199	2SC1347R	192A
2SC1018B	299	2SC1071	123A	2SC1113	389	2SC1184D	164	2SC1226R	186A	2SC1312H(BCE)	199	2SC1347S	192A
2SC1023	107	2SC1072A	285	2SC1114	94	2SC1184E	164	2SC1226S	186A	2SC1312I(BCE)	199	2SC1348	389
2SC1023G	107	2SC1074	363	2SC1115	280	2SC1185	162	2SC1226T	186A	2SC1312J(BCE)	199	2SC1358	165
2SC1023-O	107	2SC1075	364	2SC1116	284	2SC1185A	162	2SC1226RPL	186A	2SC1312YF(BCE)	199	2SC1358A	165
2SC1023Y	107	2SC1076	364	2SC1116-0	284	2SC1185B	162	2SC1226RLP	186A	2SC1312YH(BCE)	199	2SC1358B	165
2SC1024	175	2SC1078	369	2SC1117	161	2SC1185C	162	2SC1226RLQ	186A	2SC1313(BCE)	199	2SC1358C	165
2SC1024B	175	2SC1079	280	2SC1117H	161	2SC1185D	162	2SC1226RLL	186A	2SC1313F(BCE)	199	2SC1358D	165
2SC1024C	175	2SC1079B	280	2SC1122A	364	2SC1185E	162	2SC1226S	186A	2SC1313G(BCE)	199	2SC1358E	165
2SC1024D	175	2SC1080	280	2SC1123	123AP	2SC1185F	162	2SC1227F	385	2SC1313H(BCE)	199	2SC1358F	165
2SC1024D-2	175	2SC1080B	280	2SC1124	190	2SC1185G	162	2SC1228	385	2SC1313I(BCE)	199	2SC1358G	165
2SC1024E	175	2SC1080Y	280	2SC1124E	190	2SC1185H	162	2SC1229	385	2SC1313J(BCE)	199	2SC1358H	165
2SC1024F	175	2SC1083	346	2SC1124JA	190	2SC1185I	162	2SC1230	124	2SC1313K(BCE)	199	2SC1358I	165
2SC1025	175	2SC1085	123A	2SC1124JD	190	2SC1185M	162	2SC1235AL	124	2SC1313L(BCE)	199	2SC1358J	165
2SC1025CTV	175	2SC1086	389	2SC1125	190	2SC1185N	162	2SC1235AM	124	2SC1313M(BCE)	199	2SC1358K	165
2SC1025D	175	2SC1086M	389	2SC1127	121	2SC1185P	162	2SC1237	235	2SC1313N(BCE)	199	2SC1358L	165
2SC1025E	175	2SC1089	376	2SC1127E	171	2SC1185Q	162	2SC1237H	235	2SC1313O(BCE)	199	2SC1358M	165
2SC1025J	175	2SC1089B	375	2SC1127H	171	2SC1185R	162	2SC1237K	235	2SC1313P(BCE)	199	2SC1358N	165
2SC1025MT	175	2SC1089BD	375	2SC1127HE	171	2SC1185S	162	2SC1239	427/282	2SC1313Q(BCE)	199	2SC1358O	165
2SC1026	107	2SC1089C	375	2SC1127JF	171	2SC1185T	162	2SC1240	300	2SC1313R(BCE)	199	2SC1358P	165
2SC1026G	107	2SC1089D	375	2SC1128	229	2SC1185U	162	2SC1241	300	2SC1313S(BCE)	199	2SC1358Q	165
2SC1026Y	107	2SC1093/3ZL	165	2SC1128(M)	229	2SC1185V	162	2SC1242	300	2SC1313T(BCE)	199	2SC1358R	165
2SC1027	163A	2SC1095	186A	2SC1128(S)	229	2SC1185W	162	2SC1243	300	2SC1313U(BCE)	199	2SC1358S	165
2SC1030	87	2SC1095(6)	186A	2SC1128(Final IF)	233	2SC1185X	162	2SC1243C1	300	2SC1313V(BCE)	199	2SC1358T	165
2SC1030A	87	2SC1095L	186A	2SC1128(3rd IF)	233	2SC1185Y	162	2SC1243C2	300	2SC1313W(BCE)	199	2SC1358U	165
2SC1030B	87	2SC1095M	186A	2SC1128C	229	2SC1185Z	162	2SC1243D	300	2SC1313X(BCE)	199	2SC1358V	165
2SC1030C	87	2SC1096	186A	2SC1128D	229	2SC1186	162	2SC1243D2	300	2SC1313Y(BCE)	199	2SC1358W	165
2SC1030D	87	2SC1096(M)	186A	2SC1128H	229	2SC1186A	162	2SC1243E	300	2SC1313Z(BCE)	199	2SC1358X	165
2SC1031	286	2SC1096(3ZL)	186A	2SC1128S(3rd IF)	233	2SC1186B	162	2SC1244	123A	2SC1313AA	199	2SC1358Y	165
2SC1032	107	2SC1096-3SL	186A	2SC1129	229	2SC1186C	162	2SC1245	289A	2SC1313AB	199	2SC1358Z	165
2SC1032G	107	2SC1096-3ZL	186A	2SC1129(M)	229	2SC1186D	162	2SC1246	289A	2SC1313AC	199	2SC1359A	165
2SC1032Y	107	2SC1096-3ZL	186A	2SC1129(R)	229	2SC1186E	162	2SC1246A	289A	2SC1313AD	199	2SC1359B	165
2SC1033	287	2SC1096-3ZM	186A	2SC1129R	229	2SC1186F	162	2SC1246AB	289A	2SC1313AE	199	2SC1359C	165
2SC1033A	287	2SC1096-4ZL	186A	2SC1140	386	2SC1186G	162	2SC1246AF	289A	2SC1313AF	199	2SC1359D	165
2SC1034	356	2SC1096-4ZL	186A	2SC1141	386	2SC1186H	162	2SC1246AFB	289A	2SC1313AG	199	2SC1359E	165
2SC1034A	356	2SC1096A	186A	2SC1142	283	2SC1186I	162	2SC1246AFV	289A	2SC1313AH	199	2SC1359F	165
2SC1035	161	2SC1096B	186A	2SC1143	283	2SC1186J	162	2SC1246AG	289A	2SC1313AI	199	2SC1359G	165
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2SC1035D	161	2SC1096D	186A	2SC1151	164	2SC1186L	162	2SC1246AF	289A	2SC1313AK	199	2SC1359I	165
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2SC1036	161	2SC1096K	186A	2SC1152	162	2SC1186N	162	2SC1246AFV	289A	2SC1313AM	199	2SC1359K	165
2SC1043	76	2SC1096L	186A	2SC1152F	162	2SC1186P	162	2SC1246AFV	289A	2SC1313AN	199	2SC1359L	165
2SC1044	161	2SC1096LM	186A	2SC1152G	162	2SC1186Q	162	2SC1246AFV	289A	2SC1313AO	199	2SC1359M	165
2SC1045	164	2SC1096M	186A	2SC1153	389	2SC1186R	162	2SC1246AFV	289A	2SC1313AP	199	2SC1359N	165
2SC1045B	164	2SC1096N	186A	2SC1153A	389	2SC1186S	162	2SC1246AFV	289A	2SC1313AQ	199	2SC1359O	165
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2SC1045D	164	2SC1096W	186A	2SC1155	190	2SC1186U	162	2SC1246AFV	289A	2SC1313AS	199	2SC1359Q	165
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2SC1045R	164	2SC1098	186	2SC1157	190	2SC1186W	162	2SC1246AFV	289A	2SC1313AU	199	2SC1359S	165
2SC1046	165	2SC1098(K)	186	2SC1158	313	2SC1186X	162	2SC1246AFV	289A	2SC1313AV	199	2SC1359T	165
2SC1046K	165	2SC1098(L)	186	2SC1159	313	2SC1186Y	162	2SC1246AFV	289A	2SC1313AW	199	2SC1359U	165
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2SC1047BCD	107	2SC1098C	186	2SC1165	486	2SC1187C	162	2SC1246AFV	289A	2SC1313BB	199	2SC1359Z	165
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2SC1047E	107	2SC1098P	186	2SC1166H	289A	2SC1187I	162	2SC1246AFV	289A	2SC1313BH	199	2SC1360F	123A
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2SC1048B	154	2SC1101	164	2SC1166R	289A	2SC1187K	162	2SC1246AFV	289A	2SC1313BJ	199	2SC1360H	123A
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2SC1048H	154	2SC1101F	164	2SC1166X	289A	2SC1187Q	162	2SC1246AFV	289A	2SC1313BP	199	2SC1360N	123A
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2SC1048J	154	2SC1101H	164	2SC1166Z	289A	2SC1187S	162	2SC1246AFV	289A	2SC1313BR	199	2SC1360P	123A
2SC1048K	154	2SC1101I	164	2SC1167	389	2SC1187T	162	2SC1246AFV	289A	2SC1313BS	199	2SC1360Q	123A
2SC1048L	154	2SC1101J	164	2SC1168	124	2SC1187U	162	2SC1246AFV	289A	2SC1313BT	199	2SC1360R	123A
2SC1048M	154	2SC1101K	164	2SC1168X	124	2SC1187V	162	2SC1246AFV	289A	2SC1313BU	199	2SC1360S	123A
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2SC1048P	154	2SC1101N	164	2SC1170A	389	2SC1187Y	162	2SC1246AFV	289A	2SC1313BX	199	2SC1360V	123A
2SC1048Q	154	2SC1101O	164	2SC1171	164	2SC1187Z	162	2SC1246AFV	289A	2SC1313BY	199	2SC1360W	123A
2SC1048R	154	2SC1101P	164	2SC1172	238	2SC1188	162	2SC1246AFV	289A	2SC1313BZ	199	2SC1360X	123A
2SC1048S	154	2SC1101Q	164	2SC1172A	238	2SC1188A	162	2SC1246AFV	289A	2SC1313CA	199	2SC1360Y	123A
2SC1048T	154	2SC1101R	164	2SC1173	238								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SC1398	152	2SC1450	286	2SC1520EK	198	2SC1589KL	474	2SC1652P	18	2SC1685QRS	85	2SC1758-L	171
2SC1398A	196	2SC1450S	286	2SC1520EX	198	2SC1610	327	2SC1652Q	18	2SC1685R	85	2SC1758-M	171
2SC1398AP	196	2SC1454	94	2SC1520I	198	2SC1613(CEB)	287	2SC1652R	18	2SC1685S	85	2SC1758-N	171
2SC1398AQ	196	2SC1454-0	94	2SC1520K	198	2SC1613N(CEB)	287	2SC1652T	2410	2SC1685T	199	2SC1760	306
2SC1398B	152	2SC1456	124	2SC1520K-1	198	2SC1613P(CEB)	287	2SC1653N2	2410	2SC1685U	199	2SC1760-2	306
2SC1398P	152	2SC1456K	124	2SC1520KL	198	2SC1614(CEB)	287	2SC1653N3	2410	2SC1685T	199	2SC1760/2	306
2SC1398Q	152	2SC1456L	124	2SC1520KLE	198	2SC1614N(CEB)	287	2SC1654	2410	2SC1685V	85	2SC1760-3	306
2SC1400	90	2SC1456LM	124	2SC1520L	198	2SC1614P(CEB)	287	2SC1654N	2410	2SC1685W	229	2SC1760-4	306
2SC1402	280	2SC1456M	124	2SC1520L-1	198	2SC1615(CEB)	287	2SC1654N6	2410	2SC1685X	229	2SC1760-5	306
2SC1403	87	2SC1456N	395	2SC1520M	198	2SC1615N(CEB)	287	2SC1663	190	2SC1686(CEB)	229	2SC1760E	306
2SC1403A	87	2SC1466	369	2SC1520M-1	198	2SC1615P(CEB)	287	2SC1663A	190	2SC1686LL	229	2SC1760H	306
2SC1406(CEB)	192	2SC1467	369	2SC1520-O	198	2SC1617	283	2SC1663H	190	2SC1686V	229	2SC1760HY	306
2SC1406P(CEB)	192	2SC1468	53	2SC1521	198	2SC1618	87	2SC1664	57	2SC1687(CEB)	229	2SC1760JA	306
2SC1406Q(CEB)	192	2SC1469	53	2SC1521K	198	2SC1618B	87	2SC1664A	57	2SC1687C(CEB)	229	2SC1761	306
2SC1406R(CEB)	192	2SC1472K	172A	2SC1521L	198	2SC1618G	87	2SC1667	130	2SC1687C(CEB)	229	2SC1763	471
2SC1406S(CEB)	192	2SC1472KA	172A	2SC1521LM	198	2SC1619	87	2SC1667Q	130	2SC1687LL(CEB)	229	2SC1764	471
2SC1406T(CEB)	192	2SC1472KB	172A	2SC1521M	198	2SC1619A	87	2SC1667R	130	2SC1687N(CEB)	229	2SC1766	85
2SC1407(CEB)	192	2SC1473	399	2SC1522	376	2SC1622A	2408	2SC1670	351	2SC1687Q(CEB)	229	2SC1766B	85
2SC1407P(CEB)	192	2SC1473A	399	2SC1523	198	2SC1622AD15	2410	2SC1670A	375	2SC1688	360	2SC1766C	85
2SC1407Q(CEB)	192	2SC1473AH	399	2SC1537B	199	2SC1622AD16	2410	2SC1669-0	375	2SC1689	86	2SC1766D	85
2SC1407R(CEB)	192	2SC1473AP	399	2SC1537-O	199	2SC1622D6	2408	2SC1669-R	375	2SC1695	229	2SC1766E	199
2SC1407S(CEB)	192	2SC1473AQ	399	2SC1538	199	2SC1622E	2408	2SC1669-Y	375	2SC1695	229	2SC1766F	199
2SC1407T(CEB)	192	2SC1473AR	399	2SC1538A	199	2SC1623	2408	2SC1670	382	2SC1695	229	2SC1766G	85
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2SC1410B	375	2SC1475-4	315	2SC1550	373	2SC1624-0	291	2SC1670JL	382	2SC1695	229	2SC1766T	85
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2SC1411T	165	2SC1476R	283	2SC1550J	373	2SC1624-0	291	2SC1670LF	382	2SC1695	229	2SC1768K	85
2SC1411U	165	2SC1476S	283	2SC1550K	373	2SC1624-0	291	2SC1670LG	382	2SC1695	229	2SC1768L	85
2SC1411V	165	2SC1476T	283	2SC1550L	373	2SC1624-0	291	2SC1670LH	382	2SC1695	229	2SC1768M	85
2SC1411W	165	2SC1476U	283	2SC1550M	373	2SC1624-0	291	2SC1670LI	382	2SC1695	229		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SC1840-E	199	2SC1890C	90	2SC1969AH	236	2SC2029/10	235	2SC2098	236	2SC2230B	399	2SC2331-L	375 ♦
2SC1840E	199	2SC1890B	90	2SC1969B	236	2SC2029B	235	2SC2099	333 ♦	2SC2230G	399	2SC2331-M	375 ♦
2SC1840F	199	2SC1890E	90	2SC1969BH	236	2SC2029B/10	235	2SC2101	348 ♦	2SC2230GR	399	2SC2333	379
2SC1840P	199	2SC1890F	90 ♦	2SC1969C	236	2SC2029B/10	235	2SC2103A	350	2SC2230H	399	2SC2333-K	379
		2SC1890P	90	2SC1969H	236	2SC2029B/10	235	2SC2107G5	345	2SC2230Y	399	2SC2333-L	379
2SC1840-P	199	2SC1891	389	2SC1969X	236	2SC2029C	235	2SC2105	364	2SC2230YGR	399	2SC2333-M	379
2SC1841	90	2SC1892	389	2SC1970	342 ♦	2SC2034	2825	2SC2107G3	2406	2SC2231Y	198	2SC2334	54
2SC1841E	90	2SC1893	389	2SC1971	342	2SC2035	123AP	2SC2107G4	2406	2SC2233	51	2SC2334-K	54
2SC1841F	90	2SC1893FA-1	389	2SC1972	343	2SC2036	23	2SC2107G5	2406	2SC2234	320	2SC2334-L	54
		2SC1894	238	2SC1974	236	2SC2037	23			2SC2235	382 ♦	2SC2334-M	54
2SC1841U	90	2SC1894K	238	2SC1974-5	236	2SC2040	76 ♦	2SC2107G6	2406	2SC2236	382	2SC2335	379
2SC1842	199	2SC1894N	238	2SC1974C	236	2SC2043	236	2SC2109	123AP	2SC2236-0	382	2SC2335-K	379
2SC1842E	199	2SC1895	238	2SC1975	236	2SC2051	23	2SC2113	373#	2SC2236D	382	2SC2335-M	379
2SC1842F	199	2SC1896	238	2SC1975Q	235	2SC2053	123AP	2SC2118	427/488	2SC2236Y	382	2SC2337	87
2SC1842P	199	2SC1900	90	2SC1976	340	2SC2053(BCE)	340 ♦			2SC2238	375 ♦	2SC2337A	87
2SC1842U	199	2SC1903	373	2SC1978	342	2SC2055(BCE)	340 ♦	2SC2120	289A	2SC2238A	375 ♦	2SC2344	375
2SC1843	199	2SC1904	373	2SC1980	90	2SC2057E	229	2SC2120-0	289A	2SC2240	199 ♦	2SC2344D	375
2SC1843E	199	2SC1905	198	2SC1980R	90	2SC2058	289	2SC2120A	289A	2SC2240-GL	199 ♦	2SC2344E	375
2SC1843F	199	2SC1905(LB)	198	2SC1980S	90	2SC2057C	229	2SC2120Y	289A	2SC2240GR	199 ♦	2SC2344F	375
2SC1843P	199	2SC1905(1)	198	2SC1980T	90	2SC2057D	229	2SC2120-Y	289A	2SC2241	376	2SC2347	69
2SC1844	199	2SC1905H	198	2SC1980U	90	2SC2057E	229	2SC2121	283	2SC2242	376	2SC2347	107
2SC1844E	199	2SC1905HLB	198	2SC19825	2825	2SC2057F	229	2SC2121(BCE)	283	2SC2242BK	376	2SC2348	69
2SC1844E	199	2SC1905LB	198	2SC1983	56	2SC2058	85	2SC2121(BCE)	283	2SC2242BKL	376	2SC2349	107
2SC1844F	199	2SC1906	107	2SC1983M	56	2SC2058P	85	2SC2129F(BCE)	199	2SC2243	52	2SC2349	69
2SC1844-F	199	2SC1906A	107 ♦	2SC1983-O	56	2SC2058Q	85	2SC2129G(BCE)	199	2SC2244	53	2SC2352K	69
2SC1844P	199	2SC1906B	107 ♦	2SC1983Q	56	2SC2059K	2408	2SC2129H(BCE)	199	2SC2245	53	2SC2352L	69
2SC1844-P	199	2SC1906F	107	2SC1983Q	56	2SC2060	289	2SC2129I(BCE)	199	2SC2246	53	2SC2354	384
2SC1845	90	2SC1906K	107 ♦	2SC1983-Q	56	2SC2060K	293	2SC2130(BCE)	199	2SC2246	53	2SC2355-L	379
2SC1845E	90	2SC1907	107	2SC1983R	56	2SC2060Q	293	2SC2130G(BCE)	199	2SC2247	157#	2SC2355	379
2SC1845F	90	2SC1908(BCE)	229	2SC1983-Y	56	2SC2060R	293	2SC2130H(BCE)	199	2SC2258	157#	2SC2359	379
2SC1845P	90	2SC1908(BCE)	229	2SC1983Y	56	2SC2061	297	2SC2131	396	2SC2258A	157#	2SC2361	241
2SC1845U	90	2SC1908H(BCE)	229	2SC1984	56	2SC2061P	297	2SC2132	366 ♦	2SC2259	40	2SC2361A	241
2SC1846	373#	2SC1909	235	2SC1985	196	2SC2061Q	297	2SC2137	385	2SC2259F	40	2SC2362	199 ♦
2SC1846B	373#	2SC1909K	235	2SC1986	331	2SC2062(CEB)	46	2SC2138	385	2SC2259G	40	2SC2362K	199 ♦
2SC1846P	373#	2SC1909R	235	2SC1986D	331	2SC2062B(CEB)	46	2SC2139	386	2SC2259H	40	2SC2363(CEB)	194
2SC1846-Q	373#	2SC1909S	235	2SC1990B	107	2SC2062C(CEB)	46	2SC2139A	386	2SC2260	87	2SC2363E(CEB)	194
2SC1846Q	373#	2SC1913	375	2SC2000	85	2SC2063	16 ♦	2SC2140	386	2SC2261	87	2SC2363F(CEB)	194
2SC1846R	373#	2SC1913A	375	2SC2000-K	85	2SC2063M	16	2SC2141	386	2SC2262	87	2SC2364	2307
2SC1846-Y	373#	2SC1913P	375	2SC2000K	85	2SC2063MN	16	2SC2146	235	2SC2263	199	2SC2365	163A ♦
2SC1847	373#	2SC1913Q	375	2SC2000L	85	2SC2063MP	16	2SC2151	386	2SC2263B	199	2SC2368	69
2SC1847-0	373#	2SC1913R	375	2SC2000-L	85	2SC2063MQ	16	2SC2153	108	2SC2263-R	199	2SC2369	64
2SC1847Q	373#	2SC1913S	375	2SC2000-M	85	2SC2063N	16 ♦	2SC2158	238	2SC2263S	199	2SC2371	157
2SC1847QBF	373#	2SC1914(BCE)	90	2SC2000M	85	2SC2063P	16 ♦	2SC2166D	238	2SC2263T	199	2SC2371(I)	157
2SC1847QR	373#	2SC1914A(BCE)	90	2SC2001	85	2SC2063Q	16 ♦	2SC2167	375	2SC2264	315	2SC2371(B)	157
2SC1847R	373#	2SC1914AF(BCE)	90	2SC2001F	85	2SC2067	315	2SC2167-Y	375	2SC2265H	161	2SC2371K	157
2SC1847V	373#	2SC1914AG(BCE)	90	2SC2001G	85	2SC2068	376	2SC2167Y	375	2SC2267H	396	2SC2371L	157
2SC1847VQ	373#	2SC1914F(BCE)	90	2SC2001K	85	2SC2068B	376 ♦	2SC2168(Audio)	375	2SC2271	399	2SC2371M	157
2SC1847VR	373#	2SC1914G(BCE)	90	2SC2001-K	85	2SC2068BKL	376	2SC2168-O(Audio)	375	2SC2271C	399	2SC2373	379 ♦
2SC1848	186A	2SC1915(BCE)	90	2SC2001-L	85	2SC2068FA-1	376	2SC2175	385	2SC2271D	399	2SC2373-K	379 ♦
2SC1848O	186A	2SC1919(BCE)	199	2SC2001L	85	2SC2068FA-1	376	2SC2181	320F	2SC2271E	399	2SC2373-L	379 ♦
2SC1848P	186A	2SC1919F(BCE)	199	2SC2001M	85	2SC2068G	376 ♦	2SC2182	360	2SC2271G	399	2SC2373M	379 ♦
2SC1848Q	186A	2SC1919G(BCE)	199	2SC2001-M	85	2SC2068GS-1	376	2SC2184	236	2SC2271H	399	2SC2375	399
2SC1848R	186A	2SC1919H(BCE)	199	2SC2002	85	2SC2068GS-1	376	2SC2188	15	2SC2271I	399	2SC2375E	399
2SC1849	123AP	2SC1921	399	2SC2002-K	85	2SC2068LB	198	2SC2189	328	2SC2271J	399	2SC2377	15
2SC1849O	123AP	2SC1921-03	399	2SC2002K	85	2SC2068LBBK	198	2SC2190	52	2SC2271K	399	2SC2377D	15
2SC1849P	123AP	2SC1922	389 ♦	2SC2002L	85	2SC2069	123A	2SC2191	53	2SC2271L	399	2SC2378	85
2SC1849Q	123AP	2SC1923	107	2SC2002-L	85	2SC2070	123A	2SC2194	49	2SC2271Z	399	2SC2382	320F ♦
2SC1849R	123AP	2SC1923-0	107	2SC2002M	85	2SC2073	375	2SC2194A	49	2SC2272	289A	2SC2383	31
2SC1849S	123AP	2SC1923A	107	2SC2002-M	85	2SC2073A	375	2SC2195	236	2SC2272A	289A	2SC2383-O	31
2SC1850	123AP	2SC1923BN	107	2SC2003	85	2SC2073AD	375	2SC2200	379	2SC2272F	289A	2SC2383-0	31
2SC1850O	123AP	2SC1923-BN	107	2SC2003K	85	2SC2073AE	375	2SC2206	15	2SC2274	289A	2SC2383A	31
2SC1850P	123AP	2SC1923-C	107	2SC2003-L	85	2SC2073AR	375	2SC2206A	15	2SC2274D	289A	2SC2383B	31
2SC1850Q	123AP	2SC1923O	107	2SC2003-L	85	2SC2073B	375	2SC2206B	15	2SC2274E	289A	2SC2383C	31
2SC1850R	123AP	2SC1923P	107	2SC2003L	85	2SC2073C	375	2SC2206C	15	2SC2274F	289A	2SC2383D	31
2SC1850S	123AP	2SC1923-P	107	2SC2003-M	85	2SC2073D	375	2SC2209	184	2SC2275A	375 ♦	2SC2383E	31
2SC1851	123AP	2SC1923-R	107	2SC2003M	85	2SC2073E	375	2SC2209-P	184	2SC2275P	375	2SC2383-OR	31
2SC1851P	123AP	2SC1923R	107	2SC2009	229	2SC2073FA-4	375	2SC2209-Q	184	2SC2275Q	375	2SC2383F	31
2SC1851Q	123AP	2SC1923-Y	107	2SC2009J	229	2SC2073L	375	2SC2209R	184	2SC2277	123AP	2SC2383-G	31
2SC1851R	123AP	2SC1923Y	107	2SC2012	107	2SC2073LB	375	2SC2210	85	2SC2278	171 ♦	2SC2383-Y	31
2SC1851S	123AP	2SC1929	198	2SC2014	363	2SC2073LBGL	375	2SC2210C	85	2SC2279	171	2SC2384	190
2SC1852	123AP	2SC1929Q	198	2SC2017	386	2SC2073LBGL2	375	2SC2210D	85	2SC2290	317	2SC2385(BCE)	199
2SC1852P	123AP	2SC1929R	198	2SC2018	386	2SC2073-O	375	2SC2210E	85	2SC2291	44	2SC2385F(BCE)	199
2SC1852Q	123AP	2SC1929S	198	2SC2019	386	2SC2073R	375	2SC2210F	85	2SC2291F	44	2SC2385G(BCE)	199
2SC1852R	123AP	2SC1940	399	2SC2020	235	2SC2073RD	375	2SC2212(BCE)	107	2SC2291G	44	2SC2388	386
2SC1852S	123AP	2SC1940K	399	2SC2021	16 ♦	2SC2073RE	375	2SC2212A(BCE)	107	2SC2291H	44	2SC2388A	53
2SC1853	85	2SC1940L	399	2SC2021(BCE)	85	2SC2073SO	375	2SC2213	108	2SC2292	53	2SC2389	90
2SC1853B	85	2SC1940M	399	2SC2021E	85	2SC2073T	375	2SC2215	319P	2SC2293	53	2SC2389E	90
2SC1853C	85	2SC1941	399	2SC2021LN	16 ♦	2SC2073Y	375	2SC2216	319P	2SC2294	107	2SC2389S	90
2SC1854	85	2SC1941K	399	2SC2021LNP	16 ♦	2SC2073Z	375	2SC2221	322	2SC2295	2406	2SC2390	90
2SC1854C	85	2SC1941L	399	2SC2021LNS	16 ♦	2SC2074	322	2SC2228	399	2SC2295A	2406	2SC2390E	90
2SC1854F	85	2SC1941M	399	2SC2021M	16	2SC2074C	322	2SC2228A	399	2SC2295B	2406	2SC2390S	90
2SC1854S	85	2SC1942	389 ♦	2SC2021MLN	16	2SC2074Y	322	2SC2228AC	399	2SC2295C	2406	2SC2394	236
2SC1855	229	2SC1944	236	2SC2021MLNP	16	2SC2075	236 ♦	2SC2228AD	399	2SC2298	253	2SC2396	199
2SC1856	229	2SC1945A	236	2SC2021MLNS	16	2SC2075J	236 ♦	2SC2228AE	399	2SC2303	386	2SC2396D	199
2SC1856M	229 ♦	2SC1946	344	2SC2021MQ	16	2SC2075K	236 ♦	2SC2228AF	399	2SC2304	386	2SC23	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SC2429	53	2SC2516M	54	2SC2610BR	399	2SC2705-Y	31	2SC2833A	2309	2SC3078MP	16	2SC3228R	31
2SC2429A	53	2SC2519	107	2SC2610K	399	2SC2706	31	2SC2834	2300	2SC3080	15	2SC3231	51
2SC2430	328	2SC2522	280	2SC2610V	399	2SC2708-O	36	2SC2834A	2300	2SC3080M	15	2SC3235	51
2SC2431	328	2SC2522A	284	2SC2611	157	2SC2710R	36	2SC2834AM	2300	2SC3080ND	15	2SC3239	377
2SC2432	328	2SC2523	284	2SC2611-5	157	2SC2710	85	2SC2837	36	2SC3083	2309	2SC3239-O	377
2SC2433	387	2SC2524	284	2SC2611-5	157	2SC2710-0	289A	2SC2838	33	2SC3084	53	2SC3257	379
2SC2434	387	2SC2525	33	2SC2611BK	157	2SC2712	2408	2SC2839	35	2SC3088	2309	2SC3258	377
2SC2435	97	2SC2525B	33	2SC2611V	157	2SC2712G	2408	2SC2839D	85	2SC3089	2300	2SC3258-O	377
2SC2436	98	2SC2525C	33	2SC2612	379	2SC2712O	2408	2SC2839E	85	2SC3090	2311	2SC3260	2309
2SC2437	53	2SC2525-G	33	2SC2613	379	2SC2712Y	2408	2SC2839F	85	2SC3091	386	2SC3261	2309
2SC2440	379	2SC2525G	33	2SC2616	53	2SC2713	2410	2SC2840D	107	2SC3092	386	2SC3265	2406
2SC2441	373	2SC2526	33	2SC2617	53	2SC2713G	2408	2SC2841	2308	2SC3093	386	2SC3265O	2406
2SC2441D	373	2SC2526B	33	2SC2618	2408	2SC2715	2408	2SC2853	382	2SC3099	2402	2SC3265Y	2406
2SC2441E	373	2SC2528	54	2SC2618B	2406	2SC2715O	2408	2SC2853D	382	2SC3110	2402	2SC3269	399
2SC2441F	373	2SC2534	379	2SC2618C	2406	2SC2715R	2408	2SC2854	382	2SC3112	199	2SC3269M	399
2SC2447	316	2SC2535	379	2SC2618D	2406	2SC2715Y	2408	2SC2854D	382	2SC3114	289A	2SC3269N	399
2SC2456	157	2SC2536	2308	2SC2619	2408	2SC2716	2408	2SC2855	382	2SC3114R	289A	2SC3269P	399
2SC2456LB	157	2SC2537	2309	2SC2619B	2408	2SC2716R	2408	2SC2855Q	382	2SC3114S	289A	2SC3277	2308
2SC2456LBZ	157	2SC2540	2308	2SC2619B	2408	2SC2716R	2408	2SC2856	382	2SC3115	2410	2SC3280	2328
2SC2456Z	157	2SC2541	2308	2SC2619C	2408	2SC2716Y	2408	2SC2857D	399	2SC3115D25	2410	2SC3280-O	2328
2SC2458	85	2SC2542	379	2SC2621	157	2SC2717	229	2SC2857E	399	2SC3116(Audio)	373	2SC3280R	2328
2SC2458-0	85	2SC2542C	199	2SC2621C	157	2SC2717A	229	2SC2858	2406	2SC3116R(Audio)	373	2SC3281	2328
2SC2458BL	199	2SC2544	199	2SC2621D	157	2SC2718	85	2SC2859	2406	2SC3116S(Audio)	373	2SC3281-O	2328
2SC2458-GR	199	2SC2545	199	2SC2621E	157	2SC2718Q	85	2SC2859Y	2406	2SC3116T(Audio)	373	2SC3281-R	2328
2SC2458GR	199	2SC2545D	199	2SC2621-RA	157	2SC2718R	85	2SC2868	289A	2SC3117(Audio)	373	2SC3284	2305
2SC2458LB	199	2SC2545E	199	2SC2621RA	157	2SC2719L	85	2SC2868Y	289A	2SC3117R(Audio)	373	2SC3285	2301
2SC2458LG	199	2SC2545F	199	2SC2621-AC	157	2SC2720	85	2SC2872	297	2SC3117S(Audio)	373	2SC3292	2332
2SC2458LGR	199	2SC2546	199	2SC2621RAD	157	2SC2722	33	2SC2872Q	297	2SC3117T(Audio)	373	2SC3293	2332
2SC2458LL	199	2SC2547	199	2SC2621RAE	157	2SC2724	289A	2SC2872R	297	2SC3119	2402	2SC3297	152
2SC2458LO	85	2SC2548	10	2SC2623	386	2SC2724B	289A	2SC2876	63	2SC3127	2402	2SC3297-O	152
2SC2458LY	85	2SC2550	123A	2SC2624	2308	2SC2724C	289A	2SC2877	184	2SC3128	10	2SC3299	377
2SC2458O	85	2SC2550-0	123A	2SC2625	2311	2SC2724D	289A	2SC2878	85	2SC3130	2402	2SC3299-O	377
2SC2458Y	85	2SC2550-GR	123A	2SC2627	348	2SC2724E	289A	2SC2878A	85	2SC3134	2408	2SC3299Y	377
2SC2459	26	2SC2551	399	2SC2627	348	2SC2727	64	2SC2878B	85	2SC3134D4	2408	2SC3302	63
2SC2460A	280	2SC2551O	399	2SC2629	348	2SC2729	63	2SC2882	2428	2SC3134D5	2408	2SC3306	2308
2SC2460AO	280	2SC2551-O	399	2SC2630	477	2SC2734	2402	2SC2882O	2428	2SC3134D6	2408	2SC3308	377
2SC2460AR	280	2SC2551F	399	2SC2631	399	2SC2738	51	2SC2882Y	2428	2SC3134D7	2408	2SC3308-O	377
2SC2460AY	280	2SC2552	399	2SC2632-Q	399	2SC2739	379	2SC2884	2428	2SC3136	23	2SC3309	51
2SC2461A	284	2SC2555	2308	2SC2633	376	2SC2740	2308	2SC2884O	2428	2SC3138	2412	2SC3310	379
2SC2461AO	284	2SC2555Z	2308	2SC2633Q	376	2SC2749	2308	2SC2884Y	2428	2SC3138O	2412	2SC3316	51
2SC2461AR	284	2SC2556	373	2SC2633R	376	2SC2751	2311	2SC2888	379	2SC3143	2410	2SC3317	379
2SC2461AY	284	2SC2556A	373	2SC2634	199	2SC2753	399	2SC2889	2327	2SC3143K	2410	2SC3317-S	379
2SC2462	2408	2SC2557	199	2SC2634R	199	2SC2754	399	2SC2900	394	2SC3143K3	2410	2SC3318	2311
2SC2462B	2408	2SC2557-S	199	2SC2634RS	199	2SC2766	92	2SC2901	216	2SC3143K5	2410	2SC3319	2319
2SC2462C	2408	2SC2557-T	199	2SC2634S	199	2SC2767	379	2SC2913	379	2SC3148	2303	2SC3320	2311
2SC2462D	2408	2SC2557-U	199	2SC2634T	199	2SC2768	379	2SC2914	53	2SC3151	2309	2SC3321	2319
2SC2463	2408	2SC2561	107	2SC2636	15	2SC2769	2308	2SC2914Z	53	2SC3152	2309	2SC3322	2309
2SC2463D	2408	2SC2561-A	107	2SC2636-T	15	2SC2773	58	2SC2920	53	2SC3153	2309	2SC3324	2410
2SC2465	64	2SC2561-B	107	2SC2637	157	2SC2774	58	2SC2921	33	2SC3154	389	2SC3324G	2410
2SC2467	64	2SC2562	377	2SC2637-B	157	2SC2775	2410	2SC2922	58	2SC3155	389	2SC3325	2406
2SC2470	64	2SC2562-Y	377	2SC2640	344	2SC2776	2406	2SC2923	157	2SC3156	238	2SC3325O	2406
2SC2471	23	2SC2562Z	36	2SC2646	107	2SC2776B	2406	2SC2923R	157	2SC3164	2311	2SC3325Y	2406
2SC2472	23	2SC2563	36	2SC2647(ECB)	229	2SC2776C	2406	2SC2926	107	2SC3167	2319	2SC3329	85
2SC2473	23	2SC2564	33	2SC2647C	85	2SC2776D	26	2SC2928	238	2SC3169	51	2SC3331R	85
2SC2481	373	2SC2564O	33	2SC2653	157	2SC2784E	26	2SC2929	59	2SC3170	379	2SC3331S	85
2SC2481-O	373	2SC2564Q	33	2SC2653(H)CL	157	2SC2784F	26	2SC2937	2308	2SC3171	2308	2SC3333	399
2SC2481-I	373	2SC2564R	33	2SC2653H	157	2SC2784MF	26	2SC2938	2308	2SC3171R	36	2SC3334	399
2SC2481-R	373	2SC2564Y	33	2SC2653HCL	157	2SC2784P	26	2SC2939	2308	2SC3180-O	36	2SC3335	2327
2SC2481-Y	373	2SC2565	377	2SC2654	377	2SC2785	85	2SC2958	382	2SC3180-R	36	2SC3336	2311
2SC2481Y	373	2SC2565O	33	2SC2654L	377	2SC2785E	199	2SC2960	85	2SC3181	36	2SC3337	10
2SC2482	399	2SC2565F	33	2SC2654M	377	2SC2785F	85	2SC2960E	85	2SC3181N	36	2SC3344	379
2SC2482-I	399	2SC2565Y	33	2SC2655	24	2SC2785H	85	2SC2960G	85	2SC3181-O	36	2SC3344	2406
2SC2482A	399	2SC2568	157	2SC2655-O	24	2SC2785J	85	2SC2961	2308	2SC3181R	36	2SC3345	2406
2SC2482BK	399	2SC2568D	157	2SC2655Y	24	2SC2785K	199	2SC2962	2309	2SC3182-O	36	2SC3346	2406
2SC2482FA-1	399	2SC2569K	157	2SC2656	2308	2SC2785R	85	2SC2963	377	2SC3182-R	36	2SC3346S	2406
2SC2482K	399	2SC2568L	157	2SC2657	389	2SC2786	107	2SC2964	53	2SC3187(ECB)	287	2SC3347	2402
2SC2482Z	399	2SC2568LD	157	2SC2657A	389	2SC2786F	107	2SC2965	53	2SC3192	107	2SC3348	2319
2SC2484	36	2SC2569M	157	2SC2658KD	157	2SC2786K	107	2SC2967	397	2SC3192R	107	2SC3349	2319
2SC2484P	36	2SC2570	10	2SC2659	238	2SC2786L	107	2SC2971	53	2SC3192R	107	2SC3354	2319
2SC2484-Q	36	2SC2570A	10	2SC2659A	238	2SC2786M	107	2SC2972	53	2SC3193	107	2SC3357	2301
2SC2485	36	2SC2575(BCE)	85	2SC2660	375	2SC2787	107	2SC2977	107	2SC3193-O	107	2SC3357-SY	2301
2SC2485-P	36	2SC2575D(BCE)	85	2SC2660P	375	2SC2787K	107	2SC2987	36	2SC3193R	107	2SC3358	2406
2SC2485Q	36	2SC2575E(BCE)	85	2SC2660Q	375	2SC2787L	107	2SC2995	107	2SC3194	107	2SC3358AY4	2406
2SC2486	36	2SC2575F(BCE)	85	2SC2665	390	2SC2787M	107	2SC2996	2406	2SC3194B	107	2SC3358AY5	2406
2SC2486P	36	2SC2575L(BCE)	85	2SC2668(ECB)	229	2SC2788	2308	2SC2996O	2406	2SC3194-O	107	2SC3358AY6	2406
2SC2486Q	36	2SC2575LF(BCE)	85	2SC2668-O(ECB)	229	2SC2788R	2308	2SC2996R	2406	2SC3194Y	107	2SC3359	2418
2SC2487	284	2SC2577	36	2SC2668-R(ECB)	229	2SC2789	389	2SC2997	2406	2SC3195(ECB)	229	2SC3359	2418
2SC2488	284	2SC2577R	36	2SC2668-Y(ECB)	229	2SC2791	389	2SC2998E	85	2SC3195R	85	2SC3359	2359
2SC2488	284	2SC2578	36	2SC2669	107	2SC2792	2309	2SC2998F	85	2SC3198-O	85	2SC3361	2357
2SC2488P	284	2SC2579	36	2SC2669-O	289A	2SC2803	373	2SC2998G	85	2SC3198Y	85	2SC3361S	2357
2SC2488Q	284	2SC2580	36	2SC2669-R	289A	2SC2808	90	2SC3000	85	2SC3199	85	2SC3362	2309
2SC2489	284	2SC2581	36	2SC2669-Y	289A	2SC2808E	90	2SC3000E	85	2SC3199-O	85	2SC3363	2319
2SC2489P	284	2SC2582	373	2SC2670	289A	2SC2808R	90	2SC3000F	85	2SC3199Y	85	2SC3364	157
2SC2489Q	284	2SC2582Q	373	2SC2670-O	289A	2SC2809	394	2SC3001	85	2SC3202	289A	2SC3364C	2406
2SC2489R	284	2SC2587	33	2SC2670-Y	289A	2SC2810	379	2SC3012	36	2SC32			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SC3515	2430	2SD24YLD	124	2SD81	87	2SD155H	175	2SD191	103A	2SD234	152	2SD314E	152
2SC3515B	2430	2SD24YLE	124	2SD82	87	2SD155K	175	2SD192	103A	2SD234-O	152	2SD315	152
2SC3515Y	2430	2SD24YM	124	2SD83	87	2SD155L	175	2SD193	103A	2SD234-O	152	2SD315C	152
2SC3519	2305	2SD24YS	124	2SD84	87	2SD155M	124	2SD194	103A	2SD234R	152	2SD315D	152
2SC3546	33	2SD25	103A	2SD88	87	2SD156A	124	2SD195	103A	2SD234-R	152	2SD316	280
2SC3547	2402	2SD26	87	2SD88A	87	2SD156B	124	2SD195A	103A	2SD234-Y	152	2SD317	152
2SC3547A	2402	2SD26A	87	2SD89	152	2SD156C	124	2SD198	94	2SD235	152	2SD317A	196
2SC3605	10	2SD26B	87	2SD891	152	2SD156F	124	2SD198A	94	2SD235-O	152	2SD317AO	196
2SC3625	379	2SD26C	87	2SD91F	152	2SD156FA	124	2SD198AP	94	2SD235D	152	2SD317AP	196
2SC3645	2430	2SD28	175	2SD92	291	2SD156FB	124	2SD198AQ	94	2SD235G	152	2SD317AQ	196
2SC3645R	2430	2SD29	175	2SD92D	291	2SD156FC	124	2SD198AR	94	2SD235GR	152	2SD317F	152
2SC3645S	2430	2SD30	103A	2SD94	375	2SD157	124	2SD198B	94	2SD235LB	152	2SD317O	152
2SC3648	2430	2SD30-O	103A	2SD96	103A	2SD157A	124	2SD198H	94	2SD235LB	152	2SD317P	152
2SC3648R	2430	2SD30G	103A	2SD100	103A	2SD157B	124	2SD198HQ	94	2SD235LB	152	2SD317Q	152
2SC3648S	2430	2SD30-N	103A	2SD100A	103A	2SD157C	124	2SD198I	94	2SD235O	152	2SD318	152
2SC3653	2359	2SD31	103A	2SD101	101	2SD157F	124	2SD198R	94	2SD235R	152	2SD318(0)	152
2SC3654	2357	2SD31D	103A	2SD102	175	2SD157FA	124	2SD198S	94	2SD235-R	152	2SD318A	396
2SC3656	2355	2SD32	103A	2SD102-O	175	2SD157FB	124	2SD198T	94	2SD235T	152	2SD318AO	396
2SC3671	11	2SD33	103A	2SD102-R	175	2SD157FC	124	2SD199	164	2SD235V	152	2SD318AQ	396
2SC3678	2309	2SD33C	103A	2SD102-Y	175	2SD158	286	2SD200	389	2SD235-Y	152	2SD318AQ	396
2SC3679	2309	2SD34	103A	2SD103	175	2SD158A	286	2SD200-4A	389	2SD236	175	2SD318B	152
2SC3705	2338	2SD35	103A	2SD103-O	175	2SD158B	286	2SD200A	389	2SD237	175	2SD318O	396
2SC3707	2402	2SD36	103A	2SD103-R	175	2SD158C	286	2SD201	87	2SD238	175	2SD318P	396
2SC3721GR(ECB)	123AP	2SD37	103A	2SD103-Y	175	2SD158F	286	2SD201(0)	87	2SD239	175	2SD318Q	396
2SC3743	2309	2SD37A	103A	2SD104	103A	2SD158FA	286	2SD201M	87	2SD241	152	2SD319	284
2SC3776	10	2SD37B	103A	2SD105	103A	2SD158FB	286	2SD201MO	87	2SD242	196	2SD319P	284
2SC3777	10	2SD37C	103A	2SD110	280	2SD158FC	286	2SD201M-O	87	2SD243	291	2SD319Q	284
2SC3778	10	2SD38	103A	2SD110-O	280	2SD159	286	2SD201MY	87	2SD244	389	2SD319R	284
2SC3779	10	2SD41	130	2SD110-R	280	2SD159A	286	2SD201MY	87	2SD245	181	2SD320	162
2SC3784	2338	2SD43	103A	2SD110-Y	280	2SD159B	286	2SD201M-Y	87	2SD250	181	2SD321	283
2SC3785	2338	2SD43A	103A	2SD111	280	2SD159C	286	2SD201O	87	2SD251	286	2SD322	280
2SC3794	2309	2SD44	103A	2SD111-O	280	2SD159FA	286	2SD201Q	87	2SD252	175	2SD322A	280
2SC3794A	2309	2SD45	162	2SD111-R	280	2SD159FA	286	2SD201Y	87	2SD253	175	2SD322B	280
2SC3795	2309	2SD46	162	2SD111-Y	280	2SD159FB	286	2SD202	87	2SD254	175	2SD322C	280
2SC3795A	2309	2SD47	328	2SD113	181	2SD159FC	286	2SD203	87	2SD255	196	2SD323	280
2SC3796	2309	2SD49	291	2SD113-O	181	2SD161	328	2SD204	128	2SD257	196	2SD323A	280
2SC3796A	2309	2SD50	87	2SD113-R	181	2SD162	103A	2SD204L	128	2SD258	291	2SD323B	280
2SC3798	2309	2SD51	87	2SD113-Y	181	2SD163	130	2SD205	427/128	2SD259	291	2SD323C	280
2SC3798A	2309	2SD51A	87	2SD114	181	2SD164	130	2SD208	284	2SD261	192A	2SD324	124
2SC3857	58	2SD52	87	2SD114-O	181	2SD165	385	2SD211	130	2SD261(U)	192A	2SD324Q	124
2SC3858	58	2SD52A	87	2SD114-R	181	2SD166	385	2SD211-O	130	2SD261(R)	192A	2SD324R	124
2SC3896	2309	2SD53	87	2SD114-Y	181	2SD167	103A	2SD211M	130	2SD261A	192A	2SD325	152
2SC3907	2328	2SD53A	87	2SD116	130	2SD170	103A	2SD211-O	130	2SD261B	192A	2SD325E	152
2SC3907-O	2328	2SD55	181	2SD117	328	2SD170A	103A	2SD211Y	130	2SD261C	192A	2SD325E(2)	152
2SC3907-R	2328	2SD55A	181	2SD118	280	2SD170AA	103A	2SD212	130	2SD261D	192A	2SD325F	152
2SC3909	2309	2SD56	2775	2SD118BL	280	2SD170AB	103A	2SD212	130	2SD261E	192A	2SD325G	152
2SC7135C	85	2SD57	175	2SD118R	280	2SD170AC	103A	2SD214	280	2SD261F	192A	2SD325H	152
2SC7335-BL	199	2SD58	175	2SD118Y	280	2SD170B	103A	2SD215	128	2SD261G	192A	2SD325I	152
2SC7336R	199	2SD59	162	2SD119	280	2SD170C	103A	2SD215F	128	2SD261H	192A	2SD325J	152
2SC7354	289A	2SD60	162	2SD119BL	280	2SD170C	103A	2SD215FA	128	2SD261I	192A	2SD325K	152
2SC7840	229	2SD61	103A	2SD119R	280	2SD170PB	103A	2SD215FB	128	2SD261J	192A	2SD325L	152
2SC8380	289A	2SD62	103A	2SD119Y	280	2SD171	283	2SD215FC	128	2SD261K	192A	2SD325M	152
2SC10898	375	2SD63	103A	2SD120	324	2SD172	130	2SD216	128	2SD261L	192A	2SD325N	152
2SC10963ZM	186A	2SD64	103A	2SD120A	324	2SD172A	130	2SD216F	128	2SD261M	192A	2SD325O	152
2SC10964ZL	186A	2SD65	103A	2SD120B	324	2SD172B	130	2SD216FA	128	2SD261N	192A	2SD325P	152
2SC13755	123A	2SD65-1	103A	2SD120C	324	2SD172C	130	2SD216FB	128	2SD261O	192A	2SD325Q	152
2SC13838	128	2SD66	103A	2SD120H	324	2SD173	130	2SD216FC	128	2SD261P	192A	2SD325R	152
2SC13901	123A	2SD67	280	2SD120HA	324	2SD173A	130	2SD217	87	2SD261Q	192A	2SD325S	152
2SC14070	192	2SD67B	280	2SD120HB	324	2SD173B	130	2SD217E	87	2SD261R	192A	2SD325T	152
2SC15694	376	2SD67C	280	2SD120HC	324	2SD173C	130	2SD217K	87	2SD261S	192A	2SD325U	152
2SCA753	281	2SD67D	280	2SD121	324	2SD174	130	2SD217L	87	2SD261T	192A	2SD325V	152
2SCA753A	281	2SD67E	280	2SD121A	324	2SD174F	130	2SD217M	87	2SD261U	192A	2SD325W	152
2SCA753B	281	2SD68	130	2SD121B	324	2SD174FA	130	2SD218	87	2SD261V	192A	2SD325X	152
2SCA753C	281	2SD68D	130	2SD121H	324	2SD174FB	130	2SD218K	87	2SD261W	192A	2SD325Y	152
2SCF1	108	2SD69	130	2SD121HA	324	2SD174FC	130	2SD218L	87	2SD261X	192A	2SD325Z	152
2SCF2	123A	2SD70	175	2SD121HB	324	2SD175	130	2SD218M	87	2SD261Y	192A	2SD326	276
2SCF-2	123A	2SD71	175	2SD124	87	2SD175B	130	2SD218S	87	2SD261Z	192A	2SD327	85
2SCF5	123A	2SD71L	175	2SD124A	87	2SD175C	130	2SD219	128	2SD262	284	2SD327A	85
2SCF6	195A	2SD72	103A	2SD124AH	87	2SD175FA	130	2SD219F	427/128	2SD263	284	2SD327B	85
2SCF8	237	2SD72-2C	103A	2SD124AHA	87	2SD175FB	130	2SD220	128	2SD264	384	2SD327C	85
2SCF8	237	2SD72-3C	103A	2SD124AHB	87	2SD175FC	130	2SD220F	427/128	2SD265	384	2SD327D	85
2SCF11	313	2SD72-4C	103A	2SD125	87	2SD175M	130	2SD221	128	2SD266	384	2SD327E	85
2SCF14	233	2SD72A	103A	2SD125A	87	2SD176	130	2SD221F	427/128	2SD267	384	2SD327F	85
2SCN-J100	199	2SD72B	103A	2SD125AH	87	2SD177	328	2SD222	427/324	2SD268	384	2SD327G	85
2SC-NJ100	199	2SD72BR	103A	2SD125AHA	87	2SD177M	328	2SD223	427/324	2SD269	384	2SD327H	85
2SC-NJ107	128	2SD72C	103A	2SD125AHB	87	2SD178	103A	2SD224	427/324	2SD270	384	2SD327I	85
2SCS183E	123	2SD72K	103A	2SD126	87	2SD178A	103A	2SD226	175	2SD271	384	2SD327J	85
2SCS184E	123	2SD72P	103A	2SD126A	87	2SD178Q	103A	2SD226-O	175	2SD272	384	2SD327K	85
2SCS184J	108	2SD72E	103A	2SD126AH	87	2SD178T	103A	2SD226A	175	2SD273	384	2SD327L	85
2SCS429J	108	2SD73	87	2SD126AHA	87	2SD180	87	2SD226AO	175	2SD274	384	2SD327M	85
2SCS430H	108	2SD73A	87	2SD126AHB	87	2SD180A	87	2SD226AP	175	2SD275	384	2SD327N	85
2SCS461F	108	2SD73B	87	2SD126HB	87	2SD180B	87	2SD226AQ	175	2SD276	384	2SD327O	85
2SCS469F	108	2SD73C	87	2SD126HB	87	2SD180C	87	2SD226AR	175	2SD277	384	2SD327P	85
2SD11	103	2SD73E	87	2SD126HB	87	2SD180D	87	2SD226B	175	2SD278	384	2SD327Q	85
2SD12	130	2SD74	87	2SD127	103A	2SD180K	87	2SD226BO	175	2SD279	384	2SD327R	85
2SD15	87	2SD74A	87	2SD127A	103A	2SD180L	87	2SD226BP	175	2SD280	384	2SD327S	85
2SD16	87	2SD74B	87	2SD128	103A	2SD180M	87	2SD226BQ	175	2SD281	384	2SD327T	85
2SD17	87	2SD74C	87	2SD128A	103A	2SD180N	87	2SD226BR	175	2SD282	384	2SD327U	85
2SD18	87	2SD74D	87	2SD129	175	2SD181	385	2SD226B	175	2SD283	384	2	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SD355(BCE)	293	2SD389(LP)	152	2SD467D	85	2SD586	380	2SD637CR	16	2SD704	377	2SD761V	375
2SD355C(BCE)	293	2SD389(O)	152	2SD468A	293	2SD586A	380	2SD637P	16	2SD704D	377	2SD761VF	375
2SD355D(BCE)	293	2SD389(P)	152	2SD468A	293	2SD586Q	380	2SD637PQ	16	2SD704E	377	2SD761VRD	375
2SD355E	396	2SD389-O	152	2SD468B	293	2SD586R	380	2SD637PQR	16	2SD710A	2408	2SD761VRE	375
2SD355E(BCE)	293	2SD389A	196	2SD468C	293	2SD586S	380	2SD637Q	16	2SD711	98	2SD762	152
2SD356	291	2SD389AF	196	2SD468D	293	2SD587	380	2SD637QR	16	2SD711A	98	2SD762A	196
2SD356C	291	2SD389AF-O	152	2SD469	280	2SD587A	380	2SD637QRS	16	2SD712	331	2SD762AO	196
2SD356D	291	2SD389AF-P	196	2SD470	321	2SD587AQ	380	2SD637R	16	2SD712D	331	2SD762AQ	196
2SD357	291	2SD389AFO	196	2SD470A(Rec)	116	2SD587AS	380	2SD637RS	16	2SD713	331	2SD762O	152
2SD357C	291	2SD389AF-P	196	2SD470A	321	2SD587AS	380	2SD637S	16	2SD713C	331	2SD762OP	152
2SD357D	291	2SD389AFP	196	2SD470-B	321	2SD587Q	380	2SD638	18	2SD713D	331	2SD762P	152
2SD358	291	2SD389AO	196	2SD470B	321	2SD587R	380	2SD638Q	18	2SD715	270	2SD762Q	152
2SD358C	291	2SD389AP	196	2SD471	293	2SD587S	380	2SD638R	18	2SD715K	270	2SD762Q	382
2SD358D	291	2SD389B	152	2SD471K	293	2SD588	380	2SD638S	18	2SD717L	270	2SD763A	92
2SD359	152	2SD389BL	152	2SD471KA	293	2SD588Q	380	2SD639	18	2SD716	36	2SD764	389
2SD359C	152	2SD389BLB	152	2SD471L	293	2SD588R	380	2SD639Q	18	2SD716-O	36	2SD765	389
2SD359C2	152	2SD389BLB-O	152	2SD471LA	293	2SD588S	380	2SD639R	18	2SD716-H	36	2SD765	389
2SD359D	152	2SD389BLB-O	152	2SD471M	293	2SD589	199	2SD639S	18	2SD717	390	2SD766P	369
2SD359D1	152	2SD389BLB-OP	152	2SD471-M	293	2SD591	199	2SD640	28	2SD717-O	390	2SD766Q	369
2SD359D2	152	2SD389BLB-P	152	2SD471MA	293	2SD591S	199	2SD641	386	2SD718	36	2SD766R	369
2SD360	152	2SD389BP	152	2SD471P	293	2SD592	293	2SD649	165	2SD718-O	36	2SD766R	369
2SD360C	152	2SD389BQ	152	2SD471Q	293	2SD592A	293	2SD649Q	165	2SD718Q	36	2SD767	289A
2SD360D	152	2SD389BL	152	2SD471R	293	2SD592AQ	293	2SD654	128	2SD718-R	36	2SD767Q	289A
2SD361	152	2SD389LBQ	152	2SD471S	293	2SD592AR	293	2SD655D	85	2SD719	261	2SD768	2343
2SD361C	152	2SD389LP	152	2SD473	249	2SD592NC	85	2SD656	175	2SD722	261	2SD768K	2343
2SD361D	152	2SD389-O	152	2SD473H	249	2SD592Q	293	2SD657	162	2SD723	291	2SD769	85
2SD362	54	2SD389-OP	152	2SD476	196	2SD592R	293	2SD658	165	2SD724	379	2SD769R	85
2SD365	152	2SD389P	152	2SD476A	196	2SD596	2406	2SD658H	165	2SD725	185	2SD771	199
2SD365A	196	2SD389Q	152	2SD476AK	196	2SD596DV1	2406	2SD659	16	2SD725-06	238	2SD772	51
2SD365AO	196	2SD390	152	2SD476AKB	196	2SD596DV2	2406	2SD661(BCE)	199	2SD726	291	2SD772A	51
2SD365AP	196	2SD390(O)	152	2SD476AKC	196	2SD596DV3	2406	2SD661R	16	2SD726B	291	2SD772B	51
2SD365AQ	196	2SD390A	196	2SD476B	196	2SD596DV4	2406	2SD661RS	16	2SD726C	291	2SD773	293
2SD365B	152	2SD390AO	196	2SD476C	196	2SD596DV5	2406	2SD661S(BCE)	199	2SD727	390	2SD773K	293
2SD365H	152	2SD390AP	196	2SD476D	196	2SD597	87	2SD661T(BCE)	199	2SD727P	392	2SD773L	293
2SD365-O	152	2SD390AQ	196	2SD476K	196	2SD598	87	2SD661T(BCE)	199	2SD727P	392	2SD774	382
2SD366P	152	2SD390O	152	2SD476KB	196	2SD599	199	2SD661U(BCE)	199	2SD727Q	392	2SD774-3	382
2SD366Q	152	2SD390P	152	2SD476KC	196	2SD599E	199	2SD662(BCE)	267	2SD727R	392	2SD774-4	382
2SD366A	196	2SD390Q	152	2SD476YL	196	2SD600	373	2SD662P(BCE)	267	2SD728	390	2SD774K	382
2SD366AO	196	2SD392(BCE)	85	2SD477	152	2SD600D	373	2SD662Q(BCE)	287	2SD728P	392	2SD774L	382
2SD366AP	196	2SD392C(BCE)	85	2SD478	375	2SD600E	373	2SD664	261	2SD728Q	392	2SD776	86
2SD366AQ	196	2SD392D(BCE)	85	2SD478A	375	2SD600K	373	2SD665	284	2SD728R	392	2SD776R	86
2SD366-O	152	2SD392E(BCE)	85	2SD478B	375	2SD600KD	373	2SD666	382	2SD729	251	2SD777(BCE)	85
2SD366P	152	2SD400	382	2SD478BS	375	2SD600KE	373	2SD667	382	2SD729H	251	2SD778(BCE)	85
2SD366Q	152	2SD400D	382	2SD478C	375	2SD600LA	2408	2SD668	382	2SD732	87	2SD778R(BCE)	85
2SD367	103A	2SD400E	382	2SD478CS	375	2SD601A	2408	2SD668A	382	2SD732K	87	2SD779(BCE)	85
2SD367A	103A	2SD400F	382	2SD478D	375	2SD601AQ	2408	2SD668B	382	2SD733	280	2SD780	2410
2SD367B	103A	2SD401	375	2SD478WT	375	2SD601AR	2408	2SD668C	382	2SD733C	280	2SD780A	2410
2SD367C	103A	2SD401A	375	2SD478Y	375	2SD601AS	2408	2SD668D	382	2SD733D	280	2SD780AD51	2410
2SD367D	103A	2SD401AK	375	2SD478YL	375	2SD601R	2408	2SD668E	382	2SD733E	280	2SD780AD52	2410
2SD367E	103A	2SD401AL	375	2SD517	389	2SD601S	2408	2SD668F	382	2SD733F	280	2SD780AD53	2410
2SD367F	103A	2SD401AM	375	2SD519	384	2SD602	2406	2SD668G	382	2SD733K	284	2SD780DW1	2410
2SD367P	103A	2SD401E	375	2SD523	243	2SD602A	2406	2SD668H	382	2SD733KD	284	2SD780DW2	2410
2SD368	238	2SD401EX	375	2SD524	249	2SD602A	2406	2SD668I	382	2SD733KE	284	2SD780DW3	2410
2SD369	284	2SD401H	375	2SD525	54	2SD602AQ	2406	2SD668J	382	2SD733KF	284	2SD782	379
2SD369-O	284	2SD401I	375	2SD525-O	54	2SD602AR	2406	2SD668K	382	2SD734	85	2SD783	379
2SD369-O	284	2SD401K	375	2SD525R	54	2SD602AS	2406	2SD668L	382	2SD734D	85	2SD786	85
2SD369-Y	284	2SD401L	375	2SD525Y	54	2SD602Q	2406	2SD668M	382	2SD734E	85	2SD786Q	85
2SD370	280	2SD401LA	375	2SD526	241	2SD602S	2406	2SD668N	382	2SD734F	85	2SD786R	85
2SD371	87	2SD401M	375	2SD526-O	241	2SD603	289A	2SD668P	382	2SD734G	85	2SD788	293
2SD371-O	87	2SD401R	375	2SD526-O	241	2SD603O	289A	2SD668Q	382	2SD734H	85	2SD789	315
2SD371-R	87	2SD401Y	375	2SD526Y	241	2SD603P	289A	2SD668R	382	2SD734I	85	2SD789B	315
2SD371-Y	87	2SD402	375	2SD533	283	2SD603Q	289A	2SD668S	382	2SD735	92	2SD789C	315
2SD375	328	2SD402A	375	2SD536	284	2SD603R	289A	2SD668T	382	2SD735B	92	2SD789D	315
2SD376	385	2SD402AK	375	2SD537	284	2SD603S	199	2SD668U	382	2SD735C	92	2SD790	382
2SD376A	385	2SD402AL	375	2SD537	284	2SD603T	199	2SD668V	382	2SD736	92	2SD790B	382
2SD377	385	2SD402AM	375	2SD538	386	2SD603U	375	2SD668W	382	2SD736A	92	2SD790C	382
2SD379	280	2SD411	247	2SD538A	386	2SD603V	375	2SD668X	382	2SD736B	92	2SD792	165
2SD379P	280	2SD413	154	2SD538B	386	2SD603W	375	2SD668Y	382	2SD736C	92	2SD793	184
2SD379Q	280	2SD414	373	2SD545E	293	2SD603X	375	2SD669	382	2SD736D	92	2SD794	184
2SD379R	280	2SD414Q	373	2SD545F	293	2SD603Y	375	2SD669A	382	2SD736E	92	2SD794A	184
2SD379S	280	2SD414R	373	2SD545G	293	2SD603Z	375	2SD669B	382	2SD736F	92	2SD794AD	184
2SD380	185	2SD414S	373	2SD545HNP	293	2SD604	184	2SD669C	382	2SD736G	92	2SD794AP	184
2SD380A	165	2SD414T	373	2SD546	369	2SD604A	184	2SD669D	382	2SD736H	92	2SD794AQ	184
2SD381	291	2SD415Q	373	2SD551	284	2SD604B	184	2SD669E	382	2SD736I	92	2SD794Q	184
2SD381A	291	2SD415R	373	2SD551-O	284	2SD604C	184	2SD669F	382	2SD736J	92	2SD794R	184
2SD381K	291	2SD415S	373	2SD551-R	284	2SD604D	184	2SD669G	382	2SD736K	92	2SD794S	184
2SD381L	291	2SD416	238	2SD551S	388	2SD604E	184	2SD669H	382	2SD736L	92	2SD794T	184
2SD381M	291	2SD417	87	2SD553	54	2SD604F	184	2SD669I	382	2SD736M	92	2SD794U	184
2SD381N	291	2SD418	165	2SD553-O	54	2SD604G	184	2SD669J	382	2SD736N	92	2SD794V	184
2SD382	291	2SD422	384	2SD553-Y	54	2SD604H	184	2SD669K	382	2SD736O	92	2SD794W	184
2SD382K	291	2SD423	384	2SD553Z	87	2SD604I	184	2SD669L	382	2SD736P	92	2SD794X	184
2SD382L	291	2SD424	284	2SD554	87	2SD604J	184	2SD669M	382	2SD736Q	92	2SD794Y	184
2SD382LM	291	2SD424-O	284	2SD555R	87	2SD604K	184	2SD669N	382	2SD736R	92	2SD794Z	184
2SD382M	291	2SD424-R	284	2SD555S	87	2SD604L	184	2SD669P	382	2SD736S	92	2SD794AA	184
2SD382N	291	2SD425	280	2SD556	284	2SD604M	184	2SD669Q	382	2SD736T	92	2SD794AB	184
2SD383	283	2SD425B555	280 + 281(OP)	2SD557	284	2SD604N	184	2SD669R	382	2SD736U	92	2SD794AC	184
2SD386	375	2SD426	280	2SD562	108	2SD604O	184	2SD669S	382	2SD736V	92	2SD794AD	184
2SD386A	375	2SD426A	280	2SD564L	193	2SD604P	184	2SD669T	382	2SD736W	92	2SD794AE	184
2SD386AC	375	2SD42											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SD821	165	2SD874AQ	2428	2SD957A	89	2SD1060	377	2SD1217	2332	2SD1275R	261#	2SD1362	377#
2SD822	165	2SD874AR	2428	2SD957A-03	89	2SD1060Q	377	2SD1217P	2332	2SD1276	261#	2SD1362-O	377#
2SD823	379	2SD874AS	2428	2SD958S	90	2SD1060R	377	2SD1217Q	2332	2SD1276A	261#	2SD1363	377#
2SD824A	92	2SD874AS	2428	2SD958T	90	2SD1061	377	2SD1217R	2332	2SD1276A(LB)P	261#	2SD1363-O	377#
2SD824AB	92	2SD874AR	2428	2SD958U	90	2SD1061Q	377	2SD1218	2334	2SD1276AP	261#	2SD1363-Y	377#
2SD824AC	92	2SD874S	2428	2SD959	54	2SD1062	377	2SD1218P	2334	2SD1276AQ	261#	2SD1366	2406
2SD825A	92	2SD875	2428	2SD959Q	54	2SD1062Q	377	2SD1218Q	2334	2SD1276AR	261#	2SD1366AB	2406
2SD825AB	92	2SD875P	2428	2SD959R	54	2SD1062R	377	2SD1218R	2334	2SD1276P	261#	2SD1366AC	2406
2SD825AC	92	2SD875S	2428	2SD960	54	2SD1063	377	2SD1218P	2336	2SD1276Q	261#	2SD1366AD	2406
2SD831	98#	2SD875R	2428	2SD960Q	54	2SD1063Q	377	2SD1219P	2336	2SD1276R	261#	2SD1366D	2406
2SD833	263#	2SD875S	2428	2SD961	54	2SD1063R	2304	2SD1219Q	2336	2SD1277	261#	2SD1368	2428
2SD836	261	2SD877	175	2SD961Q	54	2SD1063S	2304	2SD1219R	2336	2SD1277A	261#	2SD1368A	2428
2SD836A	261	2SD877-Y	175	2SD961R	54	2SD1064	2304	2SD1220	20	2SD1277AP	261#	2SD1368B	2428
2SD836AQ	261	2SD878	328	2SD965Q	11	2SD1064Q	2304	2SD1225MP	20	2SD1277AQ	261#	2SD1373	394#
2SD836AR	261	2SD880	152	2SD968	2430	2SD1064R	2304	2SD1225MQ	20	2SD1277AR	261#	2SD1377	2343
2SD836R	261	2SD880Q	152	2SD968A	2430	2SD1064S	2304	2SD1225MR	20	2SD1277P	261#	2SD1377K	2343
2SD837	261	2SD880O	152	2SD968AP	2430	2SD1065	2304	2SD1226M	20	2SD1277Q	261#	2SD1378	373
2SD837A	261	2SD880Q	152	2SD968AQ	2430	2SD1065-O	2304	2SD1226MLQ	18	2SD1277R	261#	2SD1378P	373
2SD837AR	261	2SD880Y	152	2SD968AS	2430	2SD1065-S	2304	2SD1226MQ	20	2SD1280	2428	2SD1378Q	373
2SD837B	261	2SD882	184#	2SD968B	2430	2SD1065R	2304	2SD1226MR	20	2SD1280Q	2428	2SD1379	253#
2SD837LB	261	2SD882P	184	2SD968P	2430	2SD1090	2307	2SD1226R	20	2SD1280R	2428	2SD1380	184
2SD837P	261	2SD882Q	184	2SD968Q	2430	2SD1092	2330	2SD1227M	20	2SD1280S	2428	2SD1380P	184
2SD837Q	261	2SD882R	184	2SD968R	2430	2SD1092(FA-1)	2330	2SD1227MLQ	20	2SD1281	99	2SD1381	373#
2SD837R	261	2SD883A	380	2SD968S	2430	2SD1092(FA)	2330	2SD1227MQ	20	2SD1289	36	2SD1381P	373#
2SD837T	261	2SD883AQ	380	2SD969	18	2SD1101	2406	2SD1227MR	20	2SD1289R	36	2SD1381Q	373#
2SD838	261	2SD883AR	380	2SD969P	18	2SD1101B	2406	2SD1228M	18	2SD1290	2302	2SD1382	373
2SD841	51	2SD884	379	2SD969Q	18	2SD1101C	2406	2SD1228MP	18	2SD1291	2302	2SD1382P	373
2SD842	2349	2SD886	56	2SD969R	18	2SD1101S	2406	2SD1228MQ	18	2SD1292	31	2SD1382Q	373
2SD843	377	2SD886AQ	56	2SD970	2343	2SD1109	390	2SD1228MR	18	2SD1292P	31	2SD1383K	2404
2SD843-O	377	2SD886Q	56	2SD970K	2343	2SD1110	36	2SD1229	214	2SD1292Q	31	2SD1383KA	2404
2SD844	36	2SD889	85	2SD972	2334	2SD1110A	36	2SD1229-Y	214	2SD1293	22	2SD1383KB	2404
2SD844-O	36	2SD889P	85	2SD973	20	2SD1110AR	36	2SD1230	214	2SD1293P	22	2SD1390	2303
2SD845	33	2SD889Q	85	2SD973A	22	2SD1110AS	36	2SD1230-Y	215	2SD1293Q	22	2SD1391	2302
2SD845O	33	2SD889R	85	2SD973AQ	22	2SD1110R	36	2SD1231	249	2SD1293QD	22	2SD1392	2334#
2SD845R	33	2SD889T	199	2SD973AR	22	2SD1110S	36	2SD1232	249	2SD1293R	22	2SD1392L	2334#
2SD847	2304	2SD890	26	2SD973R	20	2SD1117	377	2SD1233	249	2SD1294(FA)	270#	2SD1392M	2334#
2SD847A	2304	2SD890P	26	2SD973S	20	2SD1112	2343	2SD1233P	249	2SD1301	89	2SD1393	2332
2SD847B	2304	2SD890Q	26	2SD976	379	2SD1126K	2343	2SD1234	54	2SD1306	2406	2SD1394	2334
2SD847C	2304	2SD890R	26	2SD976A	379	2SD1127	2343	2SD1235Q	54	2SD1306D	2406	2SD1395	2334
2SD848	380	2SD890S	26	2SD979	2316#	2SD1127K	2343	2SD1235R	54	2SD1308	2326	2SD1396	2302
2SD849	389	2SD891	172A	2SD987	379	2SD1131	291	2SD1235S	54	2SD1308L	2326	2SD1397	2302
2SD850	389	2SD891A(ECB)	46	2SD988	89	2SD1132	291	2SD1236	54	2SD1308M	2326	2SD1397-OR1-YB	2302
2SD855A	54	2SD892(ECB)	46	2SD989	89	2SD1133	291	2SD1236P	54	2SD1309	2326	2SD1397B	2302
2SD855A	54	2SD892A(ECB)	46	2SD994	89	2SD1134	291	2SD1236R	54	2SD1309L	2326	2SD1397-B	2302
2SD855P	54	2SD892AP(ECB)	46	2SD999	2428	2SD1134C	291	2SD1236S	54	2SD1309L	2326	2SD1398	2302
2SD855Q	54	2SD892AQ(ECB)	46	2SD999CK	2429	2SD1135	291	2SD1237	54	2SD1309M	2326	2SD1398-OR1-YB	2302
2SD855R	54	2SD892AQ(ECB)	46	2SD999CL	2428	2SD1135-5	291	2SD1237Q	54	2SD1312	24	2SD1398S	2302
2SD856	54	2SD892P(ECB)	46	2SD999CM	2428	2SD1135B	291	2SD1237P	54	2SD1314	2317#	2SD1398S-CA	2302
2SD856A	54	2SD892P(ECB)	46	2SD999L	2428	2SD1135C	291	2SD1237S	54	2SD1315	2326	2SD1399	2302
2SD856LB	54	2SD892Q(ECB)	46	2SD999L	2428	2SD1137	291	2SD1241	390#	2SD1315Q	2326	2SD1400	2301#
2SD856M	54	2SD892R(ECB)	46	2SD999M	2428	2SD1138	375	2SD1242	390#	2SD1319P	2340	2SD1401	2301#
2SD856MLB	54	2SD893(ECB)	48#	2SD1000	2428	2SD1138B	375	2SD1243	36	2SD1319R	2340	2SD1402	2300#
2SD856O	54	2SD893A(ECB)	48#	2SD1000L	2428	2SD1138C	375	2SD1244	11	2SD1319R	2340	2SD1403	2300#
2SD856P	54	2SD893AQ(ECB)	48#	2SD1000L	2428	2SD1138D	375	2SD1248	2343	2SD1320P	2340	2SD1405	56#
2SD856Q	54	2SD893AQ(ECB)	48#	2SD1000L	2428	2SD1138G	375	2SD1248K	2343	2SD1320P	2340	2SD1405-BL	56#
2SD856R	54	2SD893AR(ECB)	48#	2SD1000LL	2428	2SD1139B	375	2SD1263	198#	2SD1320Q	2340	2SD1405-GR	56#
2SD856S	54	2SD893P(ECB)	48#	2SD1000LM	2428	2SD1148	375	2SD1263A	198#	2SD1320R	2340	2SD1405-V	56#
2SD857	54	2SD893Q(ECB)	48#	2SD1000M	2428	2SD1148O	36	2SD1263AQ	198#	2SD1321P	2340	2SD1406	377#
2SD857A	54	2SD893R(ECB)	48#	2SD1001	2428	2SD1148R	36	2SD1263AR	198#	2SD1321Q	2340	2SD1406-GR	377#
2SD857AP	54	2SD895	36	2SD1001EK	2428	2SD1154	283	2SD1263Q	198#	2SD1321Q	2340	2SD1406-O	377#
2SD857AQ	54	2SD895D	36	2SD1001EL	2428	2SD1154P	283	2SD1263R	198#	2SD1321R	2340	2SD1406-Y	377#
2SD857AR	54	2SD895E	36	2SD1001EM	2428	2SD1154Q	283	2SD1264	375#	2SD1322	2336	2SD1407	331
2SD857P	54	2SD896	36	2SD1001L	2428	2SD1154R	283	2SD1264Q	375#	2SD1322P	2336	2SD1407-O	54#
2SD857Q	54	2SD896D	36	2SD1001L	2428	2SD1168	165	2SD1265	377#	2SD1325Q	2336	2SD1407-R	331#
2SD857R	54	2SD896E	36	2SD1001M	2428	2SD1169	2326#	2SD1265	377#	2SD1325R	2336	2SD1407-Y	54#
2SD858	390	2SD897	89	2SD1010	199	2SD1169Q	2326#	2SD1265A	377#	2SD1326	2336	2SD1408	291#
2SD858A	390	2SD897A	89	2SD1010R	199	2SD1170	270#	2SD1265A-O	377#	2SD1326P	2336	2SD1408-O	291#
2SD858AQ	390	2SD898	89	2SD1011	90	2SD1171	89	2SD1265AP	377#	2SD1327	2336	2SD1408-R	291#
2SD858AR	390	2SD898A	89	2SD1011R	90	2SD1172	89	2SD1265AQ	377#	2SD1327P	2336	2SD1408-Y	54#
2SD858Q	390	2SD898B	89	2SD1012	382#	2SD1173	89	2SD1265B	377#	2SD1328	2336	2SD1411	54#
2SD858R	390	2SD898B-13	89	2SD1012G	289A#	2SD1174	89	2SD1265C	377#	2SD1327P	2336	2SD1411-O	54#
2SD859	198	2SD899	89	2SD1012G	289A#	2SD1174Q	56	2SD1265-OP	377#	2SD1327Q	2336	2SD1425	2302
2SD859A	198	2SD900	89	2SD1016	89	2SD1175	89	2SD1265-OP(LB)	377#	2SD1327R	2336	2SD1425	2302
2SD859AQ	198	2SD900A	89	2SD1017	394	2SD1176	261	2SD1266	377#	2SD1328	2406	2SD1427	2302
2SD859AR	198	2SD900B	89	2SD1018	394	2SD1176A	261	2SD1266Q	377#	2SD1328R	2406	2SD1427-LB	2302
2SD859Q	198	2SD900B-06	89	2SD1020	293#	2SD1176AQ	261	2SD1266R	377#	2SD1329	2340	2SD1428	2302
2SD859R	198	2SD903	89	2SD1020E	293#	2SD1176AR	261	2SD1266A	377#	2SD1329K	2340	2SD1429	2301#
2SD860	198	2SD904	89	2SD1020F	293#	2SD1176Q	261	2SD1266AQ	377#	2SD1330	13	2SD1430	2301#
2SD860A	198	2SD904K	89	2SD1020H	293#	2SD1176R	261	2SD1266AR	377#	2SD1330BL	13	2SD1431	2301#
2SD860AQ	198	2SD904P	89	2SD1020J	293#	2SD1183	238	2SD1266Q	377#	2SD1330GN	13	2SD1432	2300#
2SD860AR	198	2SD904W	89	2SD1020M	293#	2SD1184	238	2SD1266R	377#	2SD1330OR	13	2SD1433	2300#
2SD860Q	198	2SD905	238	2SD1021	293#	2SD1185	238	2SD1267	377#	2SD1330S	13	2SD1439	2302
2SD860R	198	2SD906	89	2SD1021E	293#	2SD1186	238	2SD1267A	377#	2SD1330T	13	2SD1440Q	377#
2SD863	382	2SD907	36	2SD1021F	293#	2SD1187	36	2SD1267AQ	377#	2SD1332	2336	2SD1439R	2302
2SD863D	382	2SD908	36	2SD1021H	293#	2SD1187-O	36	2SD1267AR	377#	2SD1332P	2336</		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SD1455	2302	2SD1718-Q	2328	2SF101	5401	2SF324A	5483	2SF990	5582	2SH643	193	2SK34B	459
2SD1456	2300	2SD1718-S	2328	2SF102	5402	2SF325A	5483	2SF991	5582	2SJ2A	116	2SK34C	459
2SD1457	375	2SD1717	375	2SF102A	5402	2SF326A	5485	2SF992	5582	2SJ4A	116	2SK34D	459
2SD1458-Q	375	2SD1720P	375	2SF103	5404	2SF327A	5485	2SF993	5584	2SJ8A	125	2SK34E	459
2SD1459Q	375	2SD1720Q	375	2SF104	5404	2SF328A	5485	2SF994	5584	2SJ11	460	2SK34F	459
2SD1459R	375	2SD1722	375	2SF105	5405	2SF329A	5487	2SF1082	5570	2SJ12	460	2SK34G	459
2SD1459H	375	2SD1722P	375	2SF106	5405	2SF330A	5487	2SF1083	5572	2SJ60A	116	2SK34H	459
2SD1475	377	2SD1722Q	375	2SF107	5405	2SF330A	5491	2SF1084	5572	2SK11(SGDC)	326	2SK34I	459
2SD1475S	377	2SD1723	2343	2SF108	5405	2SF381	5491	2SF1085	5572	2SK115(SGDC)	326	2SK35(SGDC)	451
2SD1475R	377	2SD1724	56	2SF109	5406	2SF382	5492	2SF1086	5572	2SK117	2381	2SK35-0(SGDC)	451
2SD1476	377	2SD1724A	56	2SF110	5406	2SF382A	5492	2SF1087	5574	2SK1016A	458	2SK35-1(SGDC)	451
2SD1476Q	377	2SD1724AP	56	2SF110Q	5406	2SF383	5494	2SF1088	5574	2SK11(SGDC)	458	2SK35-2(SGDC)	451
2SD1476R	2404	2SD1724AQ	56	2SF131	5541	2SF383A	5494	2SF1089	5483	2SK11-O(SGDC)	456	2SK35A(SGDC)	451
2SD1478	2301	2SD1724P	56	2SF132	5541	2SF384	5494	2SF1090	5485	2SK11-R(SGDC)	456	2SK35B(SGDC)	451
2SD1479	2301	2SD1726	56	2SF133	5542	2SF384A	5494	2SF1091	5485	2SK11-Y(SGDC)	456	2SK35C(SGDC)	451
2SD1481	2332	2SD1726A	56	2SF134	5543	2SF385	5496	2SF1092	5487	2SK12(SGDC)	456	2SK35GN(SGDC)	451
2SD1482	36	2SD1726AP	56	2SF135	5543	2SF385A	5496	2SF1093	5584	2SK12-GR(SGDC)	456	2SK35P(SGDC)	451
2SD1483	36	2SD1726AQ	56	2SF136	5545	2SF386	5496	2SF1094	5472	2SK12-GR(SGDC)	456	2SK35Q(SGDC)	451
2SD1485	36	2SD1726P	56	2SF137	5545	2SF388	5547	2SF1095	5474	2SK12-GR(SGDC)	456	2SK40(SGDC)	459
2SD1486	36	2SD1726Q	56	2SF138	5547	2SF388A	5547	2SF1096	5474	2SK12-Y(SGDC)	456	2SK40-3(SGDC)	459
2SD1486Q	36	2SD1726R	56	2SF139	5529	2SF431	5529	2SF1097	5476	2SK13	312	2SK40A(SGDC)	459
2SD1487	36	2SD1726S	56	2SF140	5501	2SF432	5529	2SF1098	5584	2SK15(SGDC)	456	2SK40B(SGDC)	459
2SD1487Q	36	2SD1726T	56	2SF141	5501	2SF433	5531	2SF1099	5454	2SK15-GR(SGDC)	456	2SK40C(SGDC)	459
2SD1487R	36	2SD1726U	56	2SF142	5502	2SF434	5531	2SF1100	5454	2SK15-R(SGDC)	456	2SK40D(SGDC)	459
2SD1487S	36	2SD1726V	56	2SF143	5504	2SF435	5531	2SF1101	5580	2SK15-Y(SGDC)	456	2SK40-OR(SGDC)	459
2SD1487T	36	2SD1726W	56	2SF144	5504	2SF436	5531	2SF1102	5582	2SK16(SGDC)	312	2SK41(GSD)	451
2SD1488	36	2SD1726X	56	2SF145	5507	2SF439	5531	2SF1103	5582	2SK16B(SGDC)	312	2SK41(GSD)	451
2SD1488Q	36	2SD1726Y	56	2SF146	5507	2SF501	5504	2SF1104	5582	2SK16C(SGDC)	312	2SK41D2	451
2SD1488R	2338	2SD1726Z	56	2SF147	5507	2SF502	5507	2SF1105	5582	2SK16D(SGDC)	312	2SK41E1(GSD)	451
2SD1491	2338	2SD1727	56	2SF148	5509	2SF503	5507	2SF1106	5584	2SK16E(SGDC)	312	2SK41F(GSD)	451
2SD1491K	2338	2SD1727A	56	2SF149	5529	2SF504	5509	2SF1107	5584	2SK16F(SGDC)	312	2SK41L(GSD)	451
2SD1491L	2338	2SD1727B	56	2SF200	5487	2SF505	5501	2SF1108	5584	2SK17(SGDC)	312	2SK41M(GSD)	451
2SD1491M	2338	2SD1727C	56	2SF201	5487	2SF506	5502	2SF1109	5584	2SK17A(SGDC)	312	2SK42	312
2SD1492	2301	2SD1727D	56	2SF202	5487	2SF507	5504	2SF1110	5584	2SK17B(SGDC)	312	2SK42-2	312
2SD1493	2301	2SD1727E	56	2SF203	5509	2SF508	5507	2SF1111(GAK)	5402	2SK17C(SGDC)	312	2SK42-CM1	312
2SD1494	2301	2SD1727F	56	2SF204	5529	2SF509	5507	2SF1112	5404	2SK17D(SGDC)	312	2SK42CM1	312
2SD1495	2301	2SD1727G	56	2SF205	5509	2SF521	5401	2SF1113(GAK)	5405	2SK17E(SGDC)	312	2SK42CM1	312
2SD1496	2301	2SD1727H	56	2SF206	5529	2SF522	5402	2SF1114(GAK)	5405	2SK17F(SGDC)	312	2SK42CM1	312
2SD1497	2300	2SD1727I	56	2SF207	5531	2SF523	5404	2SF1115(GAK)	5405	2SK17G(SGDC)	312	2SK42CM1	312
2SD1497-06	2300	2SD1727J	56	2SF208	5531	2SF524	5405	2SF1116	5457	2SK17H(SGDC)	312	2SK42CM1	312
2SD1498	2300	2SD1727K	56	2SF209	5531	2SF525	5405	2SF1117	5457	2SK17I(SGDC)	312	2SK42CM1	312
2SD1499	54	2SD1727L	56	2SF210A	5547	2SF526	5406	2SF1118	5587	2SK17J(SGDC)	312	2SK42CM1	312
2SD1499P	54	2SD1727M	56	2SF211	5547	2SF527	5406	2SF1119	5587	2SK17K(SGDC)	312	2SK42CM1	312
2SD1499Q	54	2SD1727N	56	2SF212	5547	2SF528	5406	2SF1120	5587	2SK17L(SGDC)	312	2SK42CM1	312
2SD1503	2309	2SD1727O	56	2SF213	5547	2SF529	5406	2SF1121	5587	2SK17M(SGDC)	312	2SK42CM1	312
2SD1510	261	2SD1727P	56	2SF214	5547	2SF530	5406	2SF1122	5587	2SK17N(SGDC)	312	2SK42CM1	312
2SD1510P	261	2SD1727Q	56	2SF215	5547	2SF531	5406	2SF1123	5587	2SK17O(SGDC)	312	2SK42CM1	312
2SD1510Q	261	2SD1727R	56	2SF216	5547	2SF532	5406	2SF1124	5587	2SK17P(SGDC)	312	2SK42CM1	312
2SD1510R	261	2SD1727S	56	2SF217	5547	2SF533	5406	2SF1125	5587	2SK17Q(SGDC)	312	2SK42CM1	312
2SD1510S	261	2SD1727T	56	2SF218	5547	2SF534	5406	2SF1126	5587	2SK17R(SGDC)	312	2SK42CM1	312
2SD1510T	261	2SD1727U	56	2SF219	5547	2SF535	5406	2SF1127	5587	2SK17S(SGDC)	312	2SK42CM1	312
2SD1510U	261	2SD1727V	56	2SF220	5547	2SF536	5406	2SF1128	5587	2SK17T(SGDC)	312	2SK42CM1	312
2SD1510V	261	2SD1727W	56	2SF221	5547	2SF537	5406	2SF1129	5587	2SK17U(SGDC)	312	2SK42CM1	312
2SD1510W	261	2SD1727X	56	2SF222	5547	2SF538	5406	2SF1130	5587	2SK17V(SGDC)	312	2SK42CM1	312
2SD1510X	261	2SD1727Y	56	2SF223	5547	2SF539	5406	2SF1131	5587	2SK17W(SGDC)	312	2SK42CM1	312
2SD1510Y	261	2SD1727Z	56	2SF224	5547	2SF540	5406	2SF1132	5587	2SK17X(SGDC)	312	2SK42CM1	312
2SD1510Z	261	2SD1727A	56	2SF225	5547	2SF541	5406	2SF1133	5587	2SK17Y(SGDC)	312	2SK42CM1	312
2SD1510A	261	2SD1727B	56	2SF226	5547	2SF542	5406	2SF1134	5587	2SK17Z(SGDC)	312	2SK42CM1	312
2SD1510B	261	2SD1727C	56	2SF227	5547	2SF543	5406	2SF1135	5587	2SK18(SGDC)	312	2SK42CM1	312
2SD1510C	261	2SD1727D	56	2SF228	5547	2SF544	5406	2SF1136	5587	2SK18A(SGDC)	312	2SK42CM1	312
2SD1510D	261	2SD1727E	56	2SF229	5547	2SF545	5406	2SF1137	5587	2SK18B(SGDC)	312	2SK42CM1	312
2SD1510E	261	2SD1727F	56	2SF230	5547	2SF546	5406	2SF1138	5587	2SK18C(SGDC)	312	2SK42CM1	312
2SD1510F	261	2SD1727G	56	2SF231	5547	2SF547	5406	2SF1139	5587	2SK18D(SGDC)	312	2SK42CM1	312
2SD1510G	261	2SD1727H	56	2SF232	5547	2SF548	5406	2SF1140	5587	2SK18E(SGDC)	312	2SK42CM1	312
2SD1510H	261	2SD1727I	56	2SF233	5547	2SF549	5406	2SF1141	5587	2SK18F(SGDC)	312	2SK42CM1	312
2SD1510I	261	2SD1727J	56	2SF234	5547	2SF550	5406	2SF1142	5587	2SK18G(SGDC)	312	2SK42CM1	312
2SD1510J	261	2SD1727K	56	2SF235	5547	2SF551	5406	2SF1143	5587	2SK18H(SGDC)	312	2SK42CM1	312
2SD1510K	261	2SD1727L	56	2SF236	5547	2SF552	5406	2SF1144	5587	2SK18I(SGDC)	312	2SK42CM1	312
2SD1510L	261	2SD1727M	56	2SF237	5547	2SF553	5406	2SF1145	5587	2SK18J(SGDC)	312	2SK42CM1	312
2SD1510M	261	2SD1727N	56	2SF238	5547	2SF554	5406	2SF1146	5587	2SK18K(SGDC)	312	2SK42CM1	312
2SD1510N	261	2SD1727O	56	2SF239	5547	2SF555	5406	2SF1147	5587	2SK18L(SGDC)	312	2SK42CM1	312
2SD1510O	261	2SD1727P	56	2SF240	5547	2SF556	5406	2SF1148	5587	2SK18M(SGDC)	312	2SK42CM1	312
2SD1510P	261	2SD1727Q	56	2SF241	5547	2SF557	5406	2SF1149	5587	2SK18N(SGDC)	312	2SK42CM1	312
2SD1510Q	261	2SD1727R	56	2SF242	5547	2SF558	5406	2SF1150	5587	2SK18O(SGDC)	312	2SK42CM1	312
2SD1510R	261	2SD1727S	56	2SF243	5547	2SF559	5406	2SF1151	5587	2SK18P(SGDC)	312	2SK42CM1	312
2SD1510S	261	2SD1727T	56	2SF244	5547	2SF560	5406	2SF1152	5587	2SK18Q(SGDC)	312	2SK42CM1	312
2SD1510T	261	2SD1727U	56	2SF245	5547	2SF561	5406	2SF1153	5587	2SK18R(SGDC)	312	2SK42CM1	312
2SD1510U	261	2SD1727V	56	2SF246	5547	2SF562	5406	2SF1154	5587	2SK18S(SGDC)	312	2SK42CM1	312
2SD1510V	261	2SD1727W	56	2SF247	5547	2SF563	5406	2SF1155	5587	2SK18T(SGDC)	312	2SK42CM1	312
2SD1510W	261	2SD1727X	56	2SF248	5547	2SF564	5406	2SF1156	5587	2SK18U(SGDC)	312	2SK42CM1	312
2SD1510X	261	2SD1727Y	56	2SF249	5547	2SF565	5406	2SF1157	5587	2SK18V(SGDC)	312	2SK42CM1	312
2SD1510Y	261	2SD1727Z	56	2SF250	5547	2SF566	5406	2SF1158	5587	2SK18W(SGDC)	312	2SK42CM1	312
2SD1510Z	261	2SD1727A	56	2SF251	5547	2SF567	5406	2SF1159	5587	2SK18X(SGDC)	312	2SK42CM1	312
2SD1510A	261	2SD1727B	56	2SF252	5547	2SF568	5406	2SF1160	5587	2SK18Y(SGDC)	312	2SK42CM1	312
2SD1510B	261	2SD1727C	56	2SF253	5547	2SF569	5406	2SF1161	5587	2SK18Z(SGDC)	312	2SK42CM1	312

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2SK113-Y	466 ♦	2SQ371	108	2T2785	123A	2VR39A	5144A	3A1510	125	3E222D5	5136A	3L4-3001-5	116
2SK117	458	2SR05K	116	2T2857	123A	2VR39B	5144A	3A2510	125	3E224D5	5137A	3L4-3001-7	177
2SK117GR	458	2SR1K	116	2T3011	121	2VR43	5145A	3AF2	156	3E227D5	5139A	3L4-3001-8	116
2SK117O	458	2SV341V	127	2T3021	121	2VR43A	5145A	3AF4	5804	3E230D5	5141A	3L4-3002-01	519
2SK117Y	458	2SVB	5312	2T3022	121	2VR43B	5145A	3AF6	5806	3E233D5	5142A	3L4-3002-4	177
2SK118(SGD)	458	2SVB10	5313	2T3030	121	2VR47	5146A	3AF8	5808	3E236D5	5143A	3L4-3002-5	177
2SK118-O(SGD)	458	2SVYC10	116	2T3031	121	2VR47A	5146A	3A-MDA-3500	5340	3E239D5	5144A	3L4-3002-7	177
2SK118F(SGD)	458	2T3	102A	2T3032	121	2VR47B	5146A	3A-MDA-3501	5340	3E243D5	5145A	3L4-3002-7(Silicon)	177
2SK118-Y(SGD)	458	2T11	102A	2T3033	121	2VR51	5147A	3AS1	116	3E247D5	5146A	3L4-3002-10	177
2SK118Y(SGD)	458	2T12	158	2T3041	121	2VR51A	5147A	3AS2	116	3E251D5	5147A	3L4-3002-20	177
2SK119(SGD)	312	2T13	158	2T3042	121	2VR51B	5147A	3B002	159	3E256D5	5148A	3L4-3002-22	177
2SK120(GSD)	451	2T14	158	2T3043	121	2VR56	5148A	3B004	159	3E262D5	5150A	3L4-3002-25	177
2SK120-2(GSD)	451	2T14A	126A	2T3044	121	2VR56A	5148A	3B3A	5312	3E268D5	5151A	3L4-3002-28	177
2SK121(SGD)	458	2T15	158	2T3045	121	2VR56B	5148A	3B41	5312	3E275D5	5152A	3L4-3002-31	177
2SK121-2	458	2T16	158	2T3046	121	2VR62	5150A	3B4B1	5312	3E282D5	5153A	3L4-3002-32	177
2SK127	458	2T17	158	2T3047	121	2VR62A	5150A	3B4B1	5312	3E291D5	5155A	3L4-3002-33	177
2SK141	466	2T20	160	2T3048	121	2VR62B	5150A	3B4.1	5312	3E2100D5	5156A	3L4-3503-5	614
2SK141A	466	2T21	158	2T3049	121	2VR62C	5150A	3B5.1	102	3E2110D5	5157A	3L4-3503-6	614
2SK148(DGS)	312	2T22	158	2T3050	121	2VR67A	5151A	3B15-1	102	3E2120D5	5158A	3L4-3503-7	614
2SK161	451	2T23	158	2T3051	121	2VR67B	5151A	3BB-20801	166	3E2130D5	5159A	3L4-3504-1	617
2SK161GR	451	2T24	158	2T3052	121	2VR68	5151A	3BF1	156	3E2140D5	5160A	3L4-3504-2	617
2SK161Y	451	2T25	158	2T3053	121	2VR68A	5151A	3BF2	156	3E2150D5	5161A	3L4-3504-3	617
2SK163K	458 ♦	2T26	158	2T3054	121	2VR68B	5151A	3BF3	156	3E2160D5	5162A	3L4-3504-4	617
2SK168	312	2T27	158	2T3055	121	2VR68C	5151A	3BF4	156	3E2170D5	5163A	3L4-3505-1	5072A
2SK168E	312	2T28	158	2T3056	121	2VR68D	5151A	3BF5	156	3E2180D5	5164A	3L4-3505-2	5071A
2SK168F	312	2T29	158	2T3057	121	2VR68E	5151A	3BF6	156	3E2190D5	5165A	3L4-3505-3	5071A
2SK192	459	2T30	158	2T3058	121	2VR68F	5151A	3BF7	156	3E2200D5	5166A	3L4-3505-4	138A
2SK192(DSG)	312	2T31	158	2T3059	121	2VR68G	5151A	3BF8	156	3F001	123AP	3L4-3505-5	5074A
2SK192GR(DSG)	312	2T32	158	2T3060	121	2VR68H	5151A	3C05R	5831	3F5	5830	3L4-3506-2	5071A
2SK192Y(DSG)	312	2T33	158	2T3061	121	2VR68I	5151A	3C06R	5831	3F10	5830	3L4-3506-3	138A
2SK195(GSD)	451	2T34	158	2T3062	121	2VR68J	5151A	3C07R	5831	3F10D	5834	3L4-3506-7	5072A
2SK294	66	2T35	158	2T3063	121	2VR68K	5151A	3C08R	5831	3F10D-C	5834	3L4-3506-12	5071A
2SK295	66	2T36	158	2T3064	121	2VR68L	5151A	3C09R	5831	3F10D-SC	5834	3L4-3506-21	136A
2SK296	2380	2T37	158	2T3065	121	2VR68M	5151A	3C10	5831	3F10D-SCR	5834	3L4-3506-29	145A
2SK304	312	2T38	158	2T3066	121	2VR68N	5151A	3C11	5831	3F10D-SCR	5834	3L4-3506-31	136A
2SK319	67	2T39	158	2T3067	121	2VR68O	5151A	3C12	5831	3F10D-SCR	5834	3L4-3506-40	5075A
2SK345	2390 ♦	2T40	158	2T3068	121	2VR68P	5151A	3C13	5831	3F20D-C	5834	3L4-3506-43	5071A
2SK346	2390 ♦	2T41	158	2T3069	121	2VR68Q	5151A	3C14	5831	3F20D-SCR	5834	3L4-3506-47	5133A
2SK351	2384	2T42	158	2T3070	121	2VR68R	5151A	3C15R	5831	3F20D-SCR	5834	3L4-3506-49	146A
2SK382	2380	2T43	158	2T3071	121	2VR68S	5151A	3C16	5831	3F20D-SCR	5834	3L4-3506-51	152
2SK383	66	2T44	158	2T3072	121	2VR68T	5151A	3C17	5831	3F20D-SCR	5834	3L4-3506-52	184
2SK398	2392	2T45	158	2T3073	121	2VR68U	5151A	3C18	5831	3F20D-SCR	5834	3L4-3506-53	184
2SK411	2386	2T46	158	2T3074	121	2VR68V	5151A	3C19	5831	3F20D-SCR	5834	3L4-3506-54	184
2SK424	2386	2T47	158	2T3075	121	2VR68W	5151A	3C20	5831	3F20D-SCR	5834	3L4-3506-55	152
2SK428	66	2T48	158	2T3076	121	2VR68X	5151A	3C21	5831	3F20D-SCR	5834	3L4-3506-56	152
2SK440	2388	2T49	158	2T3077	121	2VR68Y	5151A	3C22	5831	3F20D-SCR	5834	3L4-3506-57	152
2SK550	312	2T50	158	2T3078	121	2VR68Z	5151A	3C23	5831	3F20D-SCR	5834	3L4-3506-58	152
2SK1033B	312	2T51	158	2T3079	121	2VR68A	5151A	3C24	5831	3F20D-SCR	5834	3L4-3506-59	152
2SM6	5629 ♦	2T52	158	2T3080	121	2VR68B	5151A	3C25	5831	3F20D-SCR	5834	3L4-3506-60	152
2SM14	5667A	2T53	158	2T3081	121	2VR68C	5151A	3C26	5831	3F20D-SCR	5834	3L4-3506-61	152
2SM15	5667A	2T54	158	2T3082	121	2VR68D	5151A	3C27	5831	3F20D-SCR	5834	3L4-3506-62	152
2SM16	5667A	2T55	158	2T3083	121	2VR68E	5151A	3C28	5831	3F20D-SCR	5834	3L4-3506-63	152
2SM24	5667A	2T56	158	2T3084	121	2VR68F	5151A	3C29	5831	3F20D-SCR	5834	3L4-3506-64	152
2SM25	5667A	2T57	158	2T3085	121	2VR68G	5151A	3C30	5831	3F20D-SCR	5834	3L4-3506-65	152
2SM26	5667A	2T58	158	2T3086	121	2VR68H	5151A	3C31	5831	3F20D-SCR	5834	3L4-3506-66	152
2SM71	5667A	2T59	158	2T3087	121	2VR68I	5151A	3C32	5831	3F20D-SCR	5834	3L4-3506-67	152
2SM72	5667A	2T60	158	2T3088	121	2VR68J	5151A	3C33	5831	3F20D-SCR	5834	3L4-3506-68	152
2SM73	5675	2T61	158	2T3089	121	2VR68K	5151A	3C34	5831	3F20D-SCR	5834	3L4-3506-69	152
2SM74	5675	2T62	158	2T3090	121	2VR68L	5151A	3C35	5831	3F20D-SCR	5834	3L4-3506-70	152
2SM81	5629 ♦	2T63	158	2T3091	121	2VR68M	5151A	3C36	5831	3F20D-SCR	5834	3L4-3506-71	152
2SM85	5673	2T64	158	2T3092	121	2VR68N	5151A	3C37	5831	3F20D-SCR	5834	3L4-3506-72	152
2SM86	5673	2T65	158	2T3093	121	2VR68O	5151A	3C38	5831	3F20D-SCR	5834	3L4-3506-73	152
2SM87	5673	2T66	158	2T3094	121	2VR68P	5151A	3C39	5831	3F20D-SCR	5834	3L4-3506-74	152
2SM88	5673	2T67	158	2T3095	121	2VR68Q	5151A	3C40	5831	3F20D-SCR	5834	3L4-3506-75	152
2SM89	5673	2T68	158	2T3096	121	2VR68R	5151A	3C41	5831	3F20D-SCR	5834	3L4-3506-76	152
2SM92	5673	2T69	158	2T3097	121	2VR68S	5151A	3C42	5831	3F20D-SCR	5834	3L4-3506-77	152
2SM93	5673	2T70	158	2T3098	121	2VR68T	5151A	3C43	5831	3F20D-SCR	5834	3L4-3506-78	152
2SM94	5673	2T71	158	2T3099	121	2VR68U	5151A	3C44	5831	3F20D-SCR	5834	3L4-3506-79	152
2SM98	5683	2T72	158	2T3100	121	2VR68V	5151A	3C45	5831	3F20D-SCR	5834	3L4-3506-80	152
2SM99	5685	2T73	158	2T3101	121	2VR68W	5151A	3C46	5831	3F20D-SCR	5834	3L4-3506-81	152
2SM100	5685	2T74	158	2T3102	121	2VR68X	5151A	3C47	5831	3F20D-SCR	5834	3L4-3506-82	152
2SM104	5683	2T75	158	2T3103	121	2VR68Y	5151A	3C48	5831	3F20D-SCR	5834	3L4-3506-83	152
2SM105	5685	2T76	158	2T3104	121	2VR68Z	5151A	3C49	5831	3F20D-SCR	5834	3L4-3506-84	152
2SM106	5685	2T77	158	2T3105	121	2VR68A	5151A	3C50	5831	3F20D-SCR	5834	3L4-3506-85	152
2SM112	564	2T78	158	2T3106	121	2VR68B	5151A	3C51	5831	3F20D-SCR	5834	3L4-3506-86	152
2SM113	5642	2T79	158	2T3107	121	2VR68C	5151A	3C52	5831	3F20D-SCR	5834	3L4-3506-87	152
2SM114	5683	2T80	158	2T3108	121	2VR68D	5151A	3C53	5831	3F20D-SCR	5834	3L4-3506-88	152
2SM115	5685	2T81	158	2T3109	121	2VR68E	5151A	3C54	5831	3F20D-SCR	5834	3L4-3506-89	152
2SM116	5685	2T82	158	2T3110	121	2VR68F	5151A	3C55	5831	3F20D-SCR	5834	3L4-3506-90	152
2SM117	5685	2T83	158	2T3111	121	2VR68G	5151A	3C56	5831	3F20D-SCR	5834	3L4-3506-91	152
2SM118	5685	2T84	158	2T3112	121	2VR68H	5151A	3C57	5831	3F20D-SCR	5834	3L4-3506-92	152
2SM126	5629 ♦	2T85	158	2T3113	121	2VR68I	5151A	3C58	5831	3F20D-SCR	5834	3L4-3506-93	152
2SM127	5629 ♦	2T86	158	2T3114	121	2VR68J	5151A	3C59	5831	3F20D-SCR	5834	3L4-3506-94	152
2SM144	5673 ♦	2T87	158	2T3115	121	2VR68K	5151A	3C60	5831	3F20D-SCR	583		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
3L4-6012-6	196	3N23B	101	3R36	5143A	3SK33(D,S,G1,G2)	222	3T13R	5189AK	3T130A	5224A	3TZ9.1B	5124A
3L4-6012-8	196	3N23B	101	3R39A	5144A	3SK34	221	3T13RA	5189AK	3T130B	5224A	3TZ9.1C	5124A
3L4-6012-58	196	3N29	101	3R39B	5144A	3SK35	221	3T13RB	5189AK	3T130R	5224AK	3TZ9.1D	5124A
3L4-6012-58	196	3N30	101	3R43	5145A	3SK35-BL	221	3T16	5192A	3T130RA	5224AK	3TZ10	5125A
3L4-6012-58	196	3N31	101	3R43A	5145A	3SK35G	221	3T16A	5192A	3T130RB	5224AK	3TZ10A	5125A
3L4-6013-2	153	3N34	160	3R43B	5145A	3SK35-GR	221	3T16B	5192A	3T150	5226A	3TZ10B	5125A
3L4-6013-02	153	3N35	123A	3R47	5146A	3SK35-Y	221	3T16R	5192AK	3T150A	5226A	3TZ10C	5125A
3L4-6013-3	153	3N35A	160	3R47A	5146A	3SK37	454	3T16RA	5192AK	3T150B	5226A	3TZ10D	5125A
3L4-6013-4	183	3N36	101	3R47B	5146A	3SK37-0	454	3T16RB	5192AK	3T150R	5226AK	3TZ11	5126A
3L4-6013-5	197	3N37	101	3R51	5147A	3SK37-2	454	3T20	5196A	3T150RA	5226AK	3TZ11A	5126A
3L4-6013-6	197	3N49	105	3R51A	5147A	3SK37-3	454	3T20A	5196A	3T150RB	5226AK	3TZ11B	5126A
3L4-6013-8	197	3N50	105	3R51B	5147A	3SK38A	465	3T20B	5196A	3T160	5227A	3TZ11C	5126A
3L4-6013-9	153	3N51	105	3R56	5148A	3SK39	222	3T20R	5196AK	3T160A	5227A	3TZ11D	5126A
3L4-6013-5	153	3N52	105	3R56A	5148A	3SK39E	222	3T20RA	5196AK	3T160B	5227A	3TZ12	5127A
3L4-6013-55	153	3N71	107	3R56B	5148A	3SK39P	222	3T20RB	5196AK	3T160R	5227AK	3TZ12A	5127A
3L4-6013-56	153	3N72	107	3R62	5150A	3SK39P2	222	3T24	5198A	3T160RA	5227AK	3TZ12B	5127A
3L4-6013-56	153	3N73	107	3R62A	5150A	3SK39Q	222	3T24A	5198A	3T160RB	5227AK	3TZ12C	5127A
3L4-6015-0	123A	3N83	239	3R62B	5150A	3SK39R	222	3T24B	5198A	3T180	5230A	3TZ12D	5127A
3L4-6017-0	159	3N112	106	3R68	5151A	3SK40	454	3T24R	5198AK	3T180A	5230A	3TZ13	5128A
3L4-6020-01	238	3N113	106	3R68A	5151A	3SK40A	454	3T24RA	5198AK	3T180B	5230A	3TZ13A	5128A
3L4-6021-01	247	3N128	220	3R68B	5151A	3SK40B	454	3T24RB	5198AK	3T180R	5230AK	3TZ13B	5128A
3L4-6024-1	269	3N140	221	3R75	5152A	3SK40C	454	3T30	5202A	3T180RA	5230AK	3TZ13C	5128A
3L4-6025-3	451	3N141	221	3R75A	5152A	3SK40D	454	3T30A	5202A	3T180RB	5230AK	3TZ13D	5128A
3L4-6027H1	290A	3N142	220	3R75B	5152A	3SK40I	454	3T30B	5202A	3T200	5232A	3TZ14	5129A
3L4-6503-1	222	3N143	220	3R82	5153A	3SK40K	454	3T30R	5202AK	3T200A	5232A	3TZ14A	5129A
3L4-6503-2	222	3N152	220	3R82A	5153A	3SK40L	454	3T30RA	5202AK	3T200B	5232A	3TZ14B	5129A
3L4-7004-1	6402	3N159	454	3R82B	5153A	3SK40M	454	3T30RB	5202AK	3T200R	5232AK	3TZ14C	5129A
3L4-9002-01	786	3N175	465	3R91	5155A	3SK40ML	454	3T33	5203A	3T200RA	5232AK	3TZ14D	5129A
3L4-9002-1	786	3N176	465	3R91A	5155A	3SK41	221	3T33A	5203A	3T200RB	5232AK	3TZ15	5130A
3L4-9004-01	743	3N177	465	3R91B	5155A	3SK41(L)	221	3T33B	5203A	3T201	5232A	3TZ15A	5130A
3L4-9004-1	743	3N187	222	3R100	5156A	3SK41C	221	3T33R	5203AK	3T202	5232A	3TZ15B	5130A
3L4-9004-3	743	3N200	454	3R100A	5156A	3SK41D	221	3T33RA	5203AK	3T203	5232A	3TZ15C	5130A
3L4-9004-4	743	3N201	454	3R100B	5156A	3SK41E	221	3T33RB	5203AK	3T501	5232A	3TZ15D	5130A
3L4-9004-6	743	3N201A	222	3R110	5157A	3SK41M	221	3T36	5204A	3T503	5232A	3TZ16	5131A
3L4-9004-51	743	3N202	454	3R110A	5157A	3SK44	222	3T36A	5204A	3T504	5232A	3TZ16A	5131A
3L4-9006-01	726	3N203	454	3R110B	5157A	3SK44BL	222	3T36B	5204A	3T504	5232A	3TZ16B	5131A
3L4-9006-1	726	3N204	454	3R120	5158A	3SK44R	222	3T36R	5204AK	3T505	5232A	3TZ16C	5131A
3L4-9006-51	726	3N205	454	3R120A	5158A	3SK44W	222	3T36RA	5204AK	3T506	5232A	3TZ16D	5131A
3L4-9007-1	737S	3N206	454	3R120B	5158A	3SK45	454	3T36RB	5204AK	3T507	5232A	3TZ17	5132A
3L4-9007-1	737S	3N207(D,S1,G1-G2,S2,D2)	463	3R130	5159A	3SK45B	454	3T39	5205A	3T508	5232A	3TZ17A	5132A
3L4-9007-51	737S	3N208(D,S1,G1-G2,S2,D2)	463	3R130A	5159A	3SK45-B	454	3T39A	5205A	3T509	5232A	3TZ17B	5132A
3L4-9008-01	789	3N209	454	3R130B	5159A	3SK45B09	222	3T39B	5205A	3T510	5232A	3TZ17C	5132A
3L4-9008-1	789	3N211	454	3R140	5160A	3SK45B-09	454	3T39R	5205AK	3T511	5232A	3TZ17D	5132A
3L4-9008-51	789	3N213	222	3R140A	5160A	3SK45L	222	3T39RA	5205AK	3T512	5232A	3TZ18	5133A
3L4-9013-01	9946	3N246	166	3R140B	5160A	3SK47	454	3T39RB	5205AK	3T513	5232A	3TZ18A	5133A
3L4-9014-01	788	3N247	166	3R150	5161A	3SK47M	454	3T43	5206A	3T514	5232A	3TZ18B	5133A
3L4-9014-02	788	3N248	167	3R150A	5161A	3SK49	222	3T43A	5206A	3T515	5232A	3TZ18C	5133A
3L4-9014-3	1288	3N249	168	3R150B	5161A	3SK49P	222	3T43B	5206A	3T516	5232A	3TZ18D	5133A
3L4-9015-1	824	3N250	169	3R160	5162A	3SK49Q	222	3T43R	5206AK	3T517	5232A	3TZ19	5134A
3L4-9020	1232	3N251	170	3R160A	5162A	3SK49R	222	3T43RA	5206AK	3T518	5232A	3TZ19A	5134A
3L4-9020-01	1232	3N252	170	3R160B	5162A	3SK51	454	3T43RB	5206AK	3T519	5232A	3TZ19B	5134A
3L4-9020-04	1232	3N253	166	3R180	5164A	3SK59	222	3T47	5208A	3T520	5232A	3TZ19C	5134A
3L4-9020-05	1232	3N254	166	3R180A	5164A	3SK59BL	222	3T47A	5208A	3T521	5232A	3TZ19D	5134A
3L4-9020-06	1232	3N255	167	3R180AB	5164A	3SK59GR	222	3T47B	5208A	3T522	5232A	3TZ20	5135A
3L4-9020-1	1288	3N256	168	3R180B	5164A	3SK59GR1	222	3T51	5210A	3T523	5232A	3TZ20A	5135A
3L4-9020-2	1288	3N257	169	3R200	5166A	3SK59GR2	222	3T51A	5210A	3T524	5232A	3TZ20B	5135A
3L4-9020-3	1288	3N258	170	3R200A	5166A	3SK59Y	222	3T51B	5210A	3T525	5232A	3TZ20C	5135A
3L4-9020-4	1288	3N259	170	3R200B	5166A	3SK60	454	3T51R	5210AK	3T526	5232A	3TZ20D	5135A
3L4-9020-5	1288	3N260	5849	3R200C	5166A	3SK61	454	3T51RA	5210AK	3T527	5232A	3TZ21	5136A
3L4-9020-6	1288	3N261	525	3R200D	5166A	3SK63	454	3T51RB	5210AK	3T528	5232A	3TZ22	5136A
3L4-9020-7	1288	3N262	156	3R200E	5166A	3SK64	454	3T51R	5210AK	3T529	5232A	3TZ23	5136A
3L4-9020-8	1288	3P1MH	5454	3R200F	5166A	3SK70	454	3T56	5212A	3T530	5232A	3TZ24	5137A
3L4-9020-9	1288	3P2MH	5455	3R200G	5166A	3SK74	455	3T56A	5212A	3T531	5232A	3TZ25	5137A
3L4-9020-10	1288	3P4MH	5457	3R200H	5166A	3SK77M	455	3T56B	5212A	3T532	5232A	3TZ26	5137A
3L4-9020-11	1288	3R7.5	5121A	3R200I	5166A	3SK78	455	3T56R	5212AK	3T533	5232A	3TZ27	5137A
3L4-9020-12	1288	3R7.5A	5121A	3R200J	5166A	3SK80	455	3T56RA	5212AK	3T534	5232A	3TZ28	5137A
3L4-9020-13	1288	3R7.5B	5121A	3R200K	5166A	3SK83	455	3T56RB	5212AK	3T535	5232A	3TZ29	5137A
3L4-9020-14	1288	3R8.2	5122A	3R200L	5166A	3SK85	455	3T56R	5212AK	3T536	5232A	3TZ30	5137A
3L4-9020-15	1288	3R8.2A	5122A	3R200M	5166A	3SK86	455	3T56R	5212AK	3T537	5232A	3TZ31	5137A
3L4-9020-16	1288	3R8.2B	5122A	3R200N	5166A	3SK87	455	3T56R	5212AK	3T538	5232A	3TZ32	5137A
3L4-9020-17	1288	3R8.2C	5122A	3R200O	5166A	3SK87K	455	3T56R	5212AK	3T539	5232A	3TZ33	5137A
3L4-9020-18	1288	3R9.1	5124A	3R200P	5166A	3SK87L	455	3T56R	5212AK	3T540	5232A	3TZ34	5137A
3L4-9020-19	1288	3R9.1A	5124A	3R200Q	5166A	3SK87RL	455	3T56R	5212AK	3T541	5232A	3TZ35	5137A
3L4-9020-20	1288	3R9.1B	5124A	3R200R	5166A	3SK88	455	3T56R	5212AK	3T542	5232A	3TZ36	5137A
3L4M2003-9	112	3R10	5125A	3R200S	5166A	3SK88K	455	3T56R	5212AK	3T543	5232A	3TZ37	5137A
3L4M2003-11	112	3R10A	5125A	3R200T	5166A	3SK88L	455	3T56R	5212AK	3T544	5232A	3TZ38	5137A
3L4M3002-7	177	3R10B	5125A	3R200U	5166A	3SK89	455	3T56R	5212AK	3T545	5232A	3TZ39	5137A
3L4M3006-56	5011A	3R11	5126A	3R200V	5166A	3SK95	455	3T56R	5212AK	3T546	5232A	3TZ40	5137A
3L4R2003-9	112	3R11A	5126A	3R200W	5166A	3SK11-Y	455	3T56R	5212AK	3T547	5232A	3TZ41	5137A
3L4R2002-2	177	3R11B	5126A	3R200X	5166A	3SK102	455	3T56R	5212AK	3T548	5232A	3TZ42	5137A
3L4R3002-5	177	3R12	5127A	3R200Y	5166A	3SK114	455	3T56R	5212AK	3T549	5232A	3TZ43	5137A
3L4R3002-7	177	3R12A	5127A	3R200Z	5166A	3SK115	455	3T56R	5212AK	3T550	5232A	3TZ44	5137A
3L4R3002-20	177	3R12B	5127A	3R200A	5166A	3SK390	221	3T56R	5212AK	3T551	5232A	3TZ45	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
3TZ56B	5148A	3VR16B	5131A	3Z8 2T10	5183AK	4-66-3A7-1	102A	4-2020-12400	142A	4-68687-3	117A	4A-1A4-7	121
3TZ56C	5148A	3VR18	5133A	3Z8 2T20	5183AK	4-74-3A7-1	100	4-2020-12700	5074A	4-68689-3	125	4A-1A5	121
3TZ56D	5148A	3VR18A	5133A	3Z9 0	5124A	4-77A17-1	105	4-2020-13300	5085A	4-68697-3	108	4A-1A5L	121
3TZ62	5150A	3VR18B	5133A	3Z9 0B	5124A	4-77B17-1	121MP	4-2020-13600	519	4-68697-3	108	4A-1A6	121
3TZ62A	5150A	3VR20	5135A	3Z9 1T5	5185AK	4-77C17-1	121	4-2020-14000	151A	4-686120-3	108	4A-1A6A	121
3TZ62B	5150A	3VR20B	5135A	3Z9 1T10	5185AK	4-88A17-1	121	4-2020-14400	5096A	4-685285-3	108	4A-1A7	121
3TZ62C	5150A	3VR22	5136A	3Z9 1T20	5185AK	4-88B17-1	100	4-2020-14500	116	4-685105-3	125	4A-1A7-1	121
3TZ62D	5151A	3VR22A	5136A	3Z10T5	5186AK	4-88C17-1	100	4-2020-14600	506	4-685106-3	108	4A-1A7B	121
3TZ68A	5151A	3VR22B	5136A	3Z10T10	5186AK	4-92-1A7-1	105	4-2020-15100	506	4-685107-3	108	4A-1A8	121
3TZ68B	5151A	3VR24	5137A	3Z10T20	5186AK	4-142-1(Sears)	176	4-2020-15600	177	4-685108-3	108	4A-1A9	121
3TZ68C	5151A	3VR24A	5137A	3Z11T5	5187AK	4-202A18	109	4-2020-16200	177	4-686112-3	108	4A-1A9G	121
3TZ68D	5151A	3VR24B	5137A	3Z11T10	5187AK	4-202R101	116	4-2020-17200	125	4-686114-3	108	4A-1A19	121
3TZ75	5152A	3VR27	5139A	3Z11T20	5187AK	4-206T-00900	127A5	4-2020-17600	116	4-686116-3	108	4A-1A21	121
3TZ75A	5152A	3VR27A	5139A	3Z12	5127A	4-206T-01200	132B	4-2020-18500	116	4-686118-3	108	4A-1A2	121
3TZ75B	5152A	3VR27B	5139A	3Z12A	5127A	4-245	181	4-2020-18700	116	4-686119-3	108	4A8-1A5	160
3TZ75C	5152A	3VR30	5141A	3Z12B	5127A	4-265	175	4-2020-19400	5143A	4-686120-3	108	4A8-1A7-1	160
3TZ75D	5152A	3VR30A	5141A	3Z12T5	5188AK	4-274	128	4-2020-19500	5085A	4-686121-3	108	4A-10	121
3TZ82	5153A	3VR30B	5141A	3Z12T10	5188AK	4-279	126A	4-2020-20100	5070A	4-686130-3	175	4A-12	121
3TZ82A	5153A	3VR33	5142A	3Z12T20	5188AK	4-280	126A	4-2020-20500	506	4-686131-3	108	4A-13	121
3TZ82B	5153A	3VR33A	5142A	3Z13T5	5189AK	4-282	109	4-2020-20900	506	4-686132-3	123A	4A-14	121
3TZ82C	5153A	3VR33B	5142A	3Z13T10	5189AK	4-283	185	4-2020-21000	116	4-686133-3	108	4A-15	121
3TZ82D	5153A	3VR36	5143A	3Z13T20	5189AK	4-288	128	4-2020-21100	156	4-686140-3	108	4A-16	121
3TZ91	5155A	3VR36A	5143A	3Z15	5130A	4-324	312	4-2020-21700	137A	4-686143-3	123A	4A-17	121
3TZ91A	5155A	3VR36B	5143A	3Z15A	5130A	4-397	128	4-2020-21900	177	4-686144-3	123A	4A-18	121
3TZ91B	5155A	3VR39	5144A	3Z15B	5130A	4-398	128	4-2020-22300	506	4-686145-3	154	4A-19	121
3TZ91C	5155A	3VR39A	5144A	3Z15T5	5191AK	4-399	108	4-2020-22500	177	4-686147-3	117A	4A2122	5994
3TZ91D	5155A	3VR39B	5144A	3Z15T10	5191AK	4-400	108	4-2020-22700	177	4-686148-3	117A	4A2162	5994
3TZ100	5156A	3VR43	5145A	3Z15T20	5191AK	4-432	160	4-2020-22900	525	4-686149-3	116	4A232	5994
3TZ100A	5156A	3VR43A	5145A	3Z16T5	5192AK	4-433	108	4-2020-23000	506	4-686150-3	117A	4A262	5994
3TZ100B	5156A	3VR43B	5145A	3Z16T10	5192AK	4-434	108	4-2020-23100	116	4-686151-3	117A	4A1122	5994
3TZ100C	5156A	3VR47	5146A	3Z16T20	5192AK	4-435	104	4-2020-23200	506	4-686163-3	102A	4A2143	5994
3TZ100D	5156A	3VR47A	5146A	3Z18	5133A	4-436(Sears)	136A	4-2020-23300	525	4-686169-3	108	4A140X52D	116
3TZ110	5157A	3VR47B	5146A	3Z18A	5133A	4-438	124	4-2020-23400	116	4-686170-3	129	4A140X520	116
3TZ110A	5157A	3VR51	5147A	3Z18B	5133A	4-443	108	4-2020-24200	138A	4-686171-3	108	4B4B41	5312
3TZ110B	5157A	3VR51A	5147A	3Z18T5	5194AK	4-458	181	4-2020-24300	5071A	4-686172-3	123A	4C2	5998
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3TZ110D	5157A	3VR56	5148A	3Z18T20	5194AK	4-490	181	4-2020-24570	506	4-686179-3	125	4C8	5998
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3TZ120B	5158A	3VR62	5150A	3Z22T0	5196AK	4-852	109	4-2020-24970	116	4-686189-3	125	4C29	123A
3TZ120C	5158A	3VR62A	5150A	3Z22T5	5197AK	4-853	109	4-2020-25070	178MP	4-686195-3	102A	4C30	123A
3TZ120D	5158A	3VR62B	5150A	3Z22T10	5197AK	4-854	109	4-2020-25170	112	4-686196-3	102A	4C31	128
3TZ130	5159A	3VR67	5151A	3Z22T20	5197AK	4-855	109	4-2020-25470	138A	4-686199-3	125	4D4	116
3TZ130A	5159A	3VR67A	5151A	3Z24	5137A	4-1001	128	4-2020-25570	506	4-686201-3	125	4D4B41	5313
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3TZ130C	5159A	3VR68	5151A	3Z24B	5137A	4-1002-04613	229	4-2020-25870	506	4-686208-3	108	4D8	116
3TZ130D	5159A	3VR68A	5151A	3Z24T5	5198AK	4-1002-09005	199	4-2020-25970	506	4-686209-3	108	4D20	123A
3TZ140	5160A	3VR75	5152A	3Z24T10	5198AK	4-1002-09452	199	4-2020-26070	506	4-686212-3	125	4D21	123A
3TZ140A	5160A	3VR75A	5152A	3Z24T20	5198AK	4-1002-13422	229	4-2020-26170	506	4-686213-3	121	4D22	123A
3TZ140B	5160A	3VR82	5153A	3Z27	5139A	4-1004-00553	312	4-2020-26270	506	4-686224-3	108	4D24	123A
3TZ140C	5160A	3VR82A	5153A	3Z27A	5139A	4-1201-20760	177	4-2020-26370	506	4-686226-3	175	4D25	123A
3TZ140D	5160A	3VR82B	5153A	3Z27B	5139A	4-1204-27900	613	4-2020-26470	506	4-686227-3	502	4D26	123A
3TZ150	5161A	3VR90	5155A	3Z27T5	5200AK	4-1205-01200	142A	4-2020-26570	506	4-686228-3	108	4E28-3	64066
3TZ150A	5161A	3VR90A	5155A	3Z27T10	5200AK	4-1301-04002	116	4-2020-26670	506	4-686229-3	129	4G2	451
3TZ150B	5161A	3VR90B	5155A	3Z27T20	5200AK	4-1520-00150	1027	4-2020-26770	5074A	4-686230-3	129	4G4B41	5314
3TZ150C	5161A	3VR91A	5155A	3Z30	5141A	4-1540-011560	801	4-2020-26870	506	4-686231-3	123A	4G8	125
3TZ160	5162A	3VR91B	5155A	3Z30A	5141A	4-1540-11370	788	4-2020-26970	506	4-686232-3	154	4G132	5994
3TZ160A	5162A	3VR100	5156A	3Z30B	5141A	4-1540-11510	1237	4-2020-27070	506	4-686233-3	196	4G162	5994
3TZ160B	5162A	3VR100A	5156A	3Z30T5	5202AK	4-1544	199	4-2020-27170	5074A	4-686234-3	129	4G232	5994
3TZ160C	5162A	3VR100B	5156A	3Z30T10	5202AK	4-1545	123A	4-2020-27270	506	4-686235-3	129	4G262	5994
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3TZ180D	5164A	3VR120A	5158A	3Z33B	5142A	4-1726	177	4-2020-27670	126A	4-686253-3	126A	4GZ10A	5186A
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3TZ200A	5166A	3VR120C	5158A	3Z33T10	5203A	4-1791	199	4-2020-27870	107	4-686255-3	126A	4GZ12A	5188A
3TZ200B	5166A	3VR130	5159A	3Z36	5143A	4-1792	192	4-2020-27970	107	4-686257-3	123A	4GZ12B	5223A
3TZ200C	5166A	3VR130A	5159A	3Z36A	5143A	4-1807	116	4-2020-28070	107	4-686258-3	108	4GZ15A	5191A
3TZ200D	5166A	3VR130B	5159A	3Z36B	5143A	4-1848	131MP	4-2020-28170	107	4-686259-3	108	4GZ15B	5226A
3V160B	5162A	3VR150	5161A	3Z37	5144A	4-2020	109	4-2020-28270	1004	4-686260-3	1004	4GZ18A	5194A
3VRS.6	5117A	3VR150A	5161A	3.0B2(Zener)	5004A	4-2020-03-700	506	4-2020-28370	1004	4-686261-3	1004	4GZ18B	5230A
3VRS.6A	5117A	3VR160	5162A	3.3B1(Zener)	5005A	4-2020-0500	113A	4-2020-28470	1080	4-686262-3	123A	4GZ22A	5197A
3VRS.6B	5117A	3VR160A	5162A	3.58MC	358	4-2020-03173	116	4-2020-28570	1080	4-686263-3	129	4GZ27A	5200A
3VRS.6C	5117A	3VR160B	5162A	3.6B1(Zener)	5006A	4-2020-03200	116	4-2020-28670	1080	4-686264-3	128	4GZ33A	5203A
3VRS.6D	5117A	3VR160C	5162A	3.6L1(Zener)	5006A	4-2020-03500	109	4-2020-28770	712	4-686265-3	130	4GZ38A	5205A
3VRS.6E	5117A	3VR160D	5162A	4-005	725	4-2020-03600	1094	4-2020-28870	1094	4-686266-3	128	4GZ47A	5208A
3VR6.2	5119A	3VR180A	5164A	4-006	725	4-2020-03700	506	4-2020-28970	1121	4-686267-3	108	4GZ56A	5212A
3VR6.2A	5119A	3VR180B	5164A	4-007	703	4-2020-03800	506	4-2020-29070	1004</				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
4H-130-41598	290A	4H20980478	1498	4RCM30	5485	5A-9156(Williams)	1232	5M20ZS5	5135A	5ZS4.3	5114A	5ZS91A	5155A
4H-130-41711	85	4H20980484	928M	4SD46.2	109	5A-9157(Williams)	960	5M22ZS5	5136A	5ZS4.3A	5114A	5ZS91B	5155A
4H-130-41737	293	4H20980587	987	4T6.2	137A	5A-9158(Williams)	116	5M24ZS5	5137A	5ZS4.3B	5114A	5ZS100	5156A
4H-130-41738	199.6	4H20980692	743	4T6.2A	137A	5A-9216(Williams)	287	5M25ZS5	5138A	5ZS4.7B	5115A	5ZS100A	5156A
4H-130-41768	152	4H20980818	928M	4T6.2B	137A	5A-9217(Williams)	288	5M27ZS5	5139A	5ZS5.1	5116A	5ZS100B	5156A
4H-130-41771	290A	4H20981013	1476	4T501	116	5A-9235(Williams)	74LS10	5M28ZS5	5140A	5ZS5.1A	5116A	5.1B(Zener)	5010A
4H-130-41772	85	4H20981194	1231A	4T502	116	5A-9247(Williams)	74LS02	5M30ZS5	5141A	5ZS5.1B	5116A	5.1B1(Zener)	5010A
4H-130-41803	399	4H20981787	1545.6	4T503	116	5A-9266(Williams)	5079A	5M32ZS5	5142A	5ZS5.6	5117A	5.1B2(Zener)	5010A
4H-130-44121	123AP	4J39104002	116	4T504	116	5A-9321(Williams)	778A	5M33ZS5	5143A	5ZS5.6A	5117A	5.1B3(Zener)	5010A
4H-130-44121(CBE)	123AP	4IC-402	1095	4T505	116	5A-9424(Williams)	923D	5M35ZS5	5144A	5ZS5.6B	5117A	5.1B3(Zener)	5010A
4H-130-44195	107	4IC-407	1003	4T506	116	5AA5-1	105	5M40	5900	5ZS6.0A	5118A	5.1N1(Zener)	5010A
4H-130-44196(CBE)	199	4IC-409	11108	4T507	125	5A-D	116	5M43ZS5	5145A	5ZS6.0B	5118A	5.1N2	5010A
4H-209-10213	4011B	4J4B41	5315	4T508	125	5AD8	156	5M47ZS5	5146A	5ZS6.2	5119A	5.1N2(Zener)	5010A
4H-209-10214	4069	4JA2FX355	116	4T509	125	5AD8DC	5904	5M50	5904	5ZS6.2A	5119A	5.1X(Zener)	5011A
4H-209-10216	4001B	4JA2X355	116	4T510	125	5AD10	156	5M51ZS5	5147A	5ZS6.2B	5119A	5.6B	5011A
4H-209-80587	987	4JA4DR700	116	4W01-13	142A	5AD10C	156	5M56ZS5	5148A	5ZS6.8B	5120A	5.6B(Zener)	5011A
4H-209-80751	1396	4JA4DX520	116	4ZL	186A	5AD10D	156	5M60	5904	5ZS7.5	5121A	5.6B3(Zener)	5011A
4H-209-80789	1514	4JA6MR700	116	4.3Y(ZENER)	5008A	5B-1	116(4)	5M60ZS5	5149A	5ZS7.5A	5121A	5.6B(Zener)	5011A
4H-209-80967	1563	4JA10DX3	116	4.7B1(Zener)	5009A	5B1	116(4)	5M62ZS5	5150A	5ZS7.5B	5121A	5.6B(Zener)	5011A
4H-209-81045	2004	4JA10DX32	116	4.7B2	5009A	5B1(Zenith)	135A	5M62ZS5	5151A	5ZS8.2	5122A	5.6L2(Zener)	5011A
4H-209-81046	778A	4JA10EX3	116	4.7B2(Zener)	5009A	5B2	156	5M75ZS5	5152A	5ZS8.2A	5122A	5.6N1(Zener)	5011A
4H-209-81047	1324	4JA11BX4	5874	4.7X(Zener)	5009A	5B-2	116	5M80	5908	5ZS8.2B	5122A	5.6N2(Zener)	5011A
4H-209-81193	1226	4JA16MR700M	125	4.7Z(Zener)	5009A	5B-2-H5W	116	5M82ZS5	5153A	5ZS8.7	5123A	5.6N2(Zener)	5011A
4H-209-81194	1231A	4JA2ZDR700	5878	5-8	123A	5B-2-H5W(Sharp)	506	5M87ZS5	5154A	5ZS8.7A	5123A	5.6N2(Zener)	5011A
4H-209-81252	1571	4JA3BDR700	5998	5-26-27	165	5B3	116	5M91ZS5	5155A	5ZS8.7B	5123A	5.6N2(Zener)	5011A
4H-209-81473	1288	4JA70MR700	6156	5-30082.1003	117A	5B4	169	5M100	5910	5ZS9.1	5124A	5.6N2(Zener)	5011A
4H1303-0219	109	4JA211A	116	5-30082.2	125	5B-15H	116	5M100ZS5	5156A	5ZS9.1A	5124A	5.6N2(Zener)	5011A
4H1303-0613	519	4JB2C6	112	5-30082.4	125	5B-15H(Sharp)	506	5M110ZS5	5157A	5ZS9.1B	5124A	5.6N2(Zener)	5011A
4H1303-0621	177	4JBC12	112	5-30086.1	116	5B-3258(Williams)	116	5M120ZS5	5158A	5ZS10	5125A	5.6N2(Zener)	5011A
4H1303-0682	5018A	4JBD1	108	5-30088.1	116	5B-9045(Williams)	5802	5M130ZS5	5159A	5ZS10A	5125A	5.6N2(Zener)	5011A
4H1303-0983	552	4JD1A17	100	5-30088.1002	125	5B-9054(Williams)	116	5M140ZS5	5160A	5ZS10B	5125A	5.6N2(Zener)	5011A
4H1303-0984	519	4JD1A73	102	5-30088.1003	125	5B-9060(Williams)	5096A	5M150ZS5	5161A	5ZS11	5126A	5.6N2(Zener)	5011A
4H1303-1168	552	4JD3B1	101	5-30088.1004	125	5B7749394	949	5M160ZS5	5162A	5ZS11A	5126A	5.6N2(Zener)	5011A
4H1303-1173	525	4JD5E29	6400B	5-30088.2	117A	5C02C41	6240	5M170ZS5	5163A	5ZS11B	5126A	5.6N2(Zener)	5011A
4H1303-1174	116	4JD7A32	128	5-30088.3	125	5B82ZC41	6244	5M190ZS5	5165A	5ZS12	5127A	5.6N2(Zener)	5011A
4H1303-1201	552	4JX1A520	102	5-30094.1	116	5BL2C41	6240	5M192ZS5	5166A	5ZS12A	5127A	5.6N2(Zener)	5011A
4H1303-1356	116	4JX1A520C	102	5-30095.1	116	5C002	746	5M200ZS5	5166A	5ZS12B	5127A	5.6N2(Zener)	5011A
4H1303-1393	552	4JX1A520C	102	5-30098.1	116	5C004	960	5MA2	116	5ZS12C	5128A	5.6N2(Zener)	5011A
4H1303-1438	116	4JX1A520D	100	5-30099.1	116	5C010	788	5MA4	116	5ZS13A	5128A	5.6N2(Zener)	5011A
4H1303-4167	5013T1	4JX1A520E	100	5-30099.3	116	5C012	1115	5MA5	116	5ZS13B	5128A	5.6N2(Zener)	5011A
4H1304-0937	199	4JX1A813	160	5-30099.4	116	5C-8977(Williams)	261	5MA6	116	5ZS14	5129A	5.6N2(Zener)	5011A
4H1304-0938(CBE)	123AP	4JX1C707	160	5-30106.1	116	5C-9016(Williams)	159	5MA8	125	5ZS14A	5129A	5.6N2(Zener)	5011A
4H1304-0941(CBE)	159	4JX1C850	102	5-30106.1001	125	5C-9055(Williams)	288	5MA10	125	5ZS15	5130A	5.6N2(Zener)	5011A
4H1304-0995	185	4JX1C850A	102	5-30109.1	116	5C-9056(Williams)	287	5MF1	116	5ZS15A	5130A	5.6N2(Zener)	5011A
4H1304-1025(CBE)	229	4JX1C1224	102	5-30111.1	117A	5C12C41	6240	5MS5	116	5ZS15B	5130A	5.6N2(Zener)	5011A
4H1304-1084(CBE)	373	4JX1D925	102A	5-30111.1001	125	5D1	116	5MS10	116	5ZS16	5131A	5.6N2(Zener)	5011A
4H1304-1558	2303	4JX1E596	123A	5-30113.1	116	5D1A-L	5068A	5MS20	116	5ZS16A	5131A	5.6N2(Zener)	5011A
4H1304-1803	399	4JX1E821	100	5-30119.1	503	5D8	116	5MS40	116	5ZS16B	5131A	5.6N2(Zener)	5011A
4H1304-4101(CBE)	159	4JX1E850	100	5-30120.1	116	5D10	125	5MS50	116	5ZS17	5132A	5.6N2(Zener)	5011A
4H1304-4121(CBE)	123AP	4JX2A60	100	5-30122.1	117A	5D46	109	5N1	116	5ZS17A	5132A	5.6N2(Zener)	5011A
4H1304-4145(CBE)	229	4JX2A601	103	5-30132.1	118	5D32C41	6240	5N2	116	5ZS17B	5132A	5.6N2(Zener)	5011A
4H1304-4154(CBE)	229	4JX2A616	103A	5-30136.T	125	5D32C41	6240	5N3	116	5ZS18	5133A	5.6N2(Zener)	5011A
4H1304-4196(CBE)	199	4JX2A617	101	5-50240	20428	5DIPIC	FC005	5P-05M	5461	5ZS18A	5133A	5.6N2(Zener)	5011A
4H1304-4283	383	4JX2A618	103	5-50242W	2043	5DL2C41	6240	5P05M	5461	5ZS18B	5133A	5.6N2(Zener)	5011A
4H1304-4349	382	4JX2A822	103	5-113641	9946	5E1	116	5P1M	5462	5ZS19	5134A	5.6N2(Zener)	5011A
4H1304-4358(CBE)	159	4JX2D780	101	5-70004503	123A	5E2	116	5P2	5462	5ZS19A	5134A	5.6N2(Zener)	5011A
4H2098-0357	1292	4JX5B742	6400B	5-70005452	123A	5E4	116	5P2M	5463	5ZS19B	5134A	5.6N2(Zener)	5011A
4H2098-0587	987	4JX5E870	6400B	5-70005503	123A	5E5	116	5P3	5874	5ZS20	5135A	5.6N2(Zener)	5011A
4H2098-1194	1231A	4JX5E895	6400B	5-7000901504	123A	5E6	125	5P4M	5465	5ZS20A	5135A	5.6N2(Zener)	5011A
4H13030312	110MP	4JX5J695	6409	5A001	7400	5E8	125	5P5M	5466	5ZS20B	5135A	5.6N2(Zener)	5011A
4H13030621	177	4JX7A972	123A	5A002	7402	5E850/56-0002	128	5P6	5466	5ZS22	5136A	5.6N2(Zener)	5011A
4H13030702	177	4JX8D404	121	5A003	7408	5F1	5830	5P50-0181	5592	5ZS22A	5136A	5.6N2(Zener)	5011A
4H13030845	610	4JX8D404	121	5A004	7474	5F5	5850	5Q3	5981	5ZS22B	5136A	5.6N2(Zener)	5011A
4H13030847	519	4JX8P409	128	5A005	7490	5F15	5944	5RC2	5481	5ZS24	5137A	5.6N2(Zener)	5011A
4H13030862	5018A	4JX11C2848	128	5A006	7493A	5F20	5944	5RC5	5481	5ZS24A	5137A	5.6N2(Zener)	5011A
4H13030983	552	4JX16A567	123A	5A-09449(Williams)	955M	5FJ2C41	8085	5RC6A	5481	5ZS24B	5137A	5.6N2(Zener)	5011A
4H13030984	519	4JX16A567G	123A	5A1	116	5G2	451	5RC10	5482	5ZS25	5138A	5.6N2(Zener)	5011A
4H13031012	109	4JX16A567O	123A	5A2	116	5G2(Zener)	5010A	5RC10A	5482	5ZS25A	5138A	5.6N2(Zener)	5011A
4H13031116	601	4JX16A567R	123A	5A3	116	5G8	125	5RC10G	5483	5ZS25B	5138A	5.6N2(Zener)	5011A
4H13031168	552	4JX16A667Y	123A	5A4	116	5GA	116	5RC15	5483	5ZS27	5139A	5.6N2(Zener)	5011A
4H13031173	525	4JX16A688	123A	5A5	116	5GB	116	5RC15A	5483	5ZS27A	5139A	5.6N2(Zener)	5011A
4H13031174	116	4JX16A688G	123A	5A6	116	5GD	116	5RC20	5483	5ZS27B	5139A	5.6N2(Zener)	5011A
4H13031201	552	4JX16A688O	123A	5A7	116	5GF	125	5RC20A	5483	5ZS28	5140A	5.6N2(Zener)	5011A
4H13031438	116	4JX16A688Y	123A	5A8	125	5GFH	116	5RC25	5485	5ZS28A	5140A	5.6N2(Zener)	5011A
4H13031552	614	4JX16A689	123A	5A9	116	5GJ	125	5RC30	5485	5ZS28B	5140A	5.6N2(Zener)	5011A
4H13031553	5018A	4JX16A699	123A	5A10	125	5GJFR1N	116	5RC30A	5485	5ZS29	5141A	5.6N2(Zener)	5011A
4H13034167	5013T1	4JX16A70G	123A	5A11	116	5GL	116	5RC40	5485	5ZS30	5141A	5.6N2(Zener)	5011A
4H13034197	5021T1	4JX16A70G	123A	5A12	116	5GWJ2C41	6085	5RC40A	5485	5ZS30B	5141A	5.6N2(Zener)	5011A
4H13034278	5014A	4JX16A670G	123A	5A13	125	5H	116	5RC50	5				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
6-856	128	6BG11	5818	6FR15A	5855	6RS18PH10BNB1	118	7-17	123A	7TB2	5483	8-712-600-00	109
6-2708	123A	6C05	5850	6FR15B	5855	6RS18PH10BEB1	118	7-17(Sarkes)	123A	7TB3	5485	8-719-000-04	591
6-4799	5635	6C05R	5851	6FR20	5855	6RS18PH10BHB1	118	7-18(Sarkes)	123A	7TB4	5507	8-719-000-05	116(4)
6-5193	152	6C2(Zener)	5013T1	6FR20A	5855	6RS18PH10BMB1	118	7-19(Sarkes)	123A	7TB5	5529	8-719-000-06	590
6-5363	102A	6C3(Zener)	5013T1	6FR20B	5855	6RS20SP5B5	524V15	7-19(Standel)	124	7TB6	5496	8-719-000-28(GAK)	540A
6-5552	175	6C10	5854	6FR20-D	5855	6RS21SA6D6	524V15	7-20(Sarkes)	123A	7TB8	5531	8-719-026-11	110MP
6-9029-15D	123A	6C10R	5855	6FR30	5859	6RS36PH13BJJ1	119	7-21(Sarkes)	161	7VM705M	113A	8-719-031-06	5070A
6-9029-15E	123A	6C15	5854	6FR30A	5859	6RS36PH13BJK1	119	7-22(Sarkes)	161	7X070	138A	8-719-100-07	5035A
6-9029-20J	129	6C15R	5855	6FR30B	5859	6RS36PH13BKJ1	119	7-23(Sarkes)	161	7.217B	5076A	8-719-100-22	5008A
6-59010	116	6C20	5854	6FR40	5859	6RS36PH13BLJ1	119	7-24(Sarkes)	161	7.5B(Zener)	5015A	8-719-100-23	5008A
6-490001	175	6C20R	5855	6FR40A	5859	6RS51GX12	120	7-25(Sarkes)	161	7.5B1	5015A	8-719-100-29	5010A
6-1260039	160	6C30	5858	6FR40B	5859	6RS56PH3LKBKJ1	119	7-26	107	7.5B1(Zener)	5014A	8-719-100-30	5010A
6-1260039A	160	6C30R	5859	6FR40-D	5859	6RW62H1	116	7-28(Standel)	218	8-0001300	125	8-719-100-31	5010A
6-64500036	123A	6C40	5858	6FR50	5863	6S1376A01	524V15	7-29(Standel)	175	8-0001400	125	8-719-100-35	5011A
6-6490001	175	6C40R	5859	6FR50A	5863	6S155080	5012A	7-39	107	8-0024-1	108	8-719-100-37	5013A
6-6490004	130	6C50	5862	6FR50B	5863	6SB050	5312	7-40	222	8-0024-2	108	8-719-100-38	5013A
6A(Zener)	5011A	6C50R	5863	6FR58	5851	6SB5	5312	7-44	108	8-0024-3	123	8-719-100-43	5015A
6A8-1A5L	160	6C60	5862	6FR60	5863	6SB10	5312	7-59-0013477	109	8-0080	100	8-719-100-44	5015A
6A15	5850	6C60R	5863	6FR60A	5863	6SB20	5313	7-59-0053477	166	8-0062	102	8-719-100-55	5018A
6A30	5850	6C70	5866	6FR60B	5863	6SB40	5314	7-59-068	123A	8-00243	123A	8-719-100-56	5019A
6A50	5850	6C70R	5867	6FR60-D	5863	6SB50	5312	7-59-0103477	158	8-005202	123A	8-719-100-57	5019A
6A100	5854	6C80	5866	6FR70	5867	6SB60	5316	7-59-0193477	108	8-0050100	123A	8-719-100-61	5020A
6A200	5854	6C90R	5867	6FR70A	5867	6SB80	5315	7-59-0203477	108	8-0050300	103A	8-719-100-64	5021A
6A300	5858	6C100	5818	6FR80	5867	6SB100	5312	7-59-0213477	108	8-0050400	160	8-719-100-65	5021A
6A400	5858	6C90R	5869	6FR80	5867	6SB200	5313	7-59-0223477	108	8-0050500	160	8-719-100-68	5022A
6A500	5862	6C100	5866	6FR80A	5867	6SB400	5314	7-59-0233477	108	8-0050600	103A	8-719-100-72	5024A
6A600	5862	6C100R	5869	6FR80B	5867	6SB600	5315	7-59-0243477	123A	8-0050700	121	8-719-100-76	5027A
6A700	5866	6C11	5944	6FR80-D	5867	6SB800	5316	7-59-0293477	102A	8-0051500	123A	8-719-100-95	5033A
6A800	5866	6C12	102A	6FR90	5869	6S1000	5317	7-59-0603477	102A	8-0051600	129	8-719-101-03	147A
6A900	5868	6C13	5855	6FR90A	5869	6V-200	136A	7-117-02	221	8-0052102	123A	8-719-101-04	5036A
6A1000	5868	6D0000105	102	6FR90B	5869	6X97047A01	123A	7-3401A	126A	8-0052302	123A	8-719-101-07	5036A
6A10227	123A	6D4B41	5313 ♠	6FR100	5869	6X97047A02	102A	7-5806	5547	8-0052402	130	8-719-101-14	5037A
6A10228	128	6D122H	102A	6FR100A	5869	6X97174A01	177	7-5851	5675	8-0052600	123A	8-719-101-38	5006A
6A10229	131	6D122R	102A	6FR100B	5869	6X97174A08	177	7-5851-02	5675	8-0052700	129	8-719-101-41	5007A
6A10422	123A	6D122T	102A	6G4	113A	6.2B(ZENER)	5013A	7-5851V	5675	8-0052800	103A	8-719-101-58	5011A
6A10423	123A	6D122TC	102A	6G4B41	5314 ♠	6.2B(Zener)	5013A	7-5853	5651	8-0053001	123A	8-719-101-61	5013A
6A10520	123A	6D122TH	102A	6G8	116	6.2B1(Zener)	5013A	7-5853A	5642	8-0053300	128	8-719-101-67	5015A
6A10622	158	6D122I	102A	6GA175D	116	6.2B2(Zener)	5013A	7-5853B	5642	8-0053400	123A	8-719-101-80	5020A
6A10624	123A	6D122V	102A	6G121	116	6.2B3(Zener)	5013A	7-5853C	5642	8-0053600	108	8-719-101-82	5021A
6A10851	102A	6D122W	102A	6GC1	113A	6.2B3(ZENER)	5013A	7-25806-01	5547	8-0053702	130MP	8-719-101-89	5024A
6A10855	123A	6D122Y	102A	6GC1BY1	113A	6.2N1(Zener)	5013A	7-73004-02	176	8-0104900	160	8-719-102-4	5013A
6A11180	123A	6D121	5944	6GC12	5858	6.2N2(Zener)	5013A	7-73004-03	176	8-0105200	160	8-719-102-47	5002A
6A11223	161	6D122	5854	6G14B41	5314 ♠	7-73004-04	176	7-73004-04	176	8-0105300	160	8-719-102-57	5006A
6A11301	158	6E137N	3087	6GG11	5820	6.2SR1A	137A	7-5851-02	5675	8-0105400	102A	8-719-102-58	5006A
6A11665	102A	6E4850/56-0001	123A	6GX1	115	6.2SR2	137A	7-1585122	5675	8-0205600	102A	8-719-102-60	5007A
6A11668	102A	6E4850/56-0002	128	6GX1BY1	115	6.2SR2A	137A	7-2580504	5494	8-0222631U	102A	8-719-102-61	5007A
6A12515	158	6F0393	410/172A	6D148-1	128	6.2SR3	137A	7-2580501-01	5651	8-0236400	102A	8-719-102-64	5009A
6A12516	158	6F0393	410/172A	6J4B41	5314 ♠	6.2SR3A	137A	7-2580501-02	5642	8-0236430	102A	8-719-102-67	5010A
6A12517	158	6F5A	5850	6J21ST	457	6.2SR4	137A	7-2580503	5642	8-0236460	102A	8-719-102-68	5010A
6A12677	108	6F5B	5850	6J12	5862	6.2SR4A	137A	7-7340102	126A	8-0318250	123A	8-719-102-69	5010A
6A12678	100	6F5-D	5850	6JG11	5822	6.2Y(ZENER)	5013T1	7-7466201	181	8-0337390	123A	8-719-102-70	5011A
6A12679	108	6F6	5854	6L122	102A	6.2Y(Zener)	5013A	7A30	107	8-0338030	108	8-719-102-71	5011A
6A12680	126A	6F10A	5854	6L12	5866	6.2Z(Zener)	5013A	7A30(Sherwood)	123A	8-0338040	108	8-719-102-72	5011A
6A12681	123A	6F10B	5854	6L11	5867	6.8B1(Zener)	5014A	7A30(GE)	128	8-0338430	108	8-719-102-73	5013A
6A12682	123A	6F10-D	5854	6M4	116	6.8B2	5014A	7A31	107	8-0339440	108	8-719-102-74	5013A
6A12683	123A	6F15	5854	6M10	5982	6.8B3(ZENER)	5014A	7A31(GE)	128	8-0383840	108	8-719-102-76	5014A
6A12684	102A	6F15A	5854	6M100	5982	6.8B3(ZENER)	5014A	7A31(Sherwood)	123A	8-0383930	108	8-719-102-82	5015A
6A12685	102A	6F15B	5858	6M30	5988	6.8B4(ZENER)	5014A	7A31(Sherwood)	123A	8-0383940	108	8-719-102-88	5018A
6A12725	123A	6F15-D	5854	6M40	5990	6.8N2(ZENER)	5014A	7A32(GE)	128	8-0389910	108	8-719-102-89	5019A
6A12788	123A	6F15R	5854	6M60	5994	6.8Y(Zener)	5014A	7A32(Sherwood)	128	8-0389930	123A	8-719-102-90	5019A
6A12789	123A	6F20A	5854	6M80	5998	6.8Z(Zener)	5014A	7A35(GE)	128	8-0414120	130	8-719-102-91	5019A
6A12889	160	6F20B	5854	6M100	600	7-0002-00	116	7A35(Sherwood)	128	8-0414130	130	8-719-102-94	5020A
6A12888	154	6F20-D	5854	6M404-1	116	7-0002-00	116	7A35K	1V075	8-0414190	123A	8-719-102-98	5021A
6A12889	102A	6F30	5858	6M404-2	116	7-0003	166	7A115K	1V115	8-1	175	8-719-102-99	5022A
6A12990	102A	6F30A	5858	6M404-3	116	7-0004	116	7A130K	1V130	8-1(Bendix)	175	8-719-103-06	5022A
6A12992	103A	6F30B	5858	6M404-4	116	7-0005	109	7A150K	1V150	8-4(Bendix)	123A	8-719-103-09	5024A
6A12993	103	6F30-D	5858	6M404-5	116	7-0006	109	7A250K	1V250	8-4081	312	8-719-103-11	5024A
6A16399	123A	6F40	5858	6M404-6	116	7-0007	5226A	7A275K	1V275	8-719-103-16	108	8-719-103-17	5027A
6A7741393	941D	6F40A	5858	6M404-7	116	7-0008	116	7A300K	1V300	8-9-089	199	8-719-106-07	5037A
6AC3S	5675	6F40B	5858	6MA10	5983	7-0009	5220A	7A995(GE)	128	8-9-177	229	8-719-110-07	5019A
6AC3SL	5675	6F40-D	5858	6MA20	5987	7-0011-00	128	7A995(Sherwood)	128	8-9V	5072A	8-719-111-07	5020A
6AC3SR	5675	6F50	5862	6MA30	5989	7-0012-00	129	7A1011(Sherwood)	128	8-10-018	159	8-719-111-26	5020A
6AC5S	5677	6F50A	5862	6MA40	5991	7-0013	177	7A1011(GE)	128	8-10-108	177	8-719-112-24	5021A
6AC5SL	5677	6F50B	5862	6MA60	5995	7-0014	159	7B1	124	8-11-053	222	8-719-113-07	5022A
6AC5SR	5677	6F50-D	5862	6MA80	5999	7-0015	123A	7B2	124	8-22	116	8-719-113-25	5022A
6AC6S	5677	6F60	5862	6MA100	6003	7-0030-00	175	7B2(ZENER)	5014A	8-25	116	8-719-113-63	1409
6AC6SL	5677	6F60A	5862	6MC	160	7-0051-00	128	7B3B1	169	8-28-043	7493A	8-719-115-26	5024A
6AC6SR	5677	6F60B	5862	6N135	3092	7-0112-00	152	7B13	124	8-28-044	74145	8-719-118-07	5027A
6B1(Zener)	137A	6F60-D	5862	6N136	3092	7-0112-03	152	7C1	124	8-28-			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
8-719-300-38	552	8-719-981-00	586	8-729-300-90	2300#	8-729-901-04	2415	8-759-270-60	1104	8-765-422-00	312	8-905-605-365	103A
8-719-300-45	116	8-719-981-01	585	8-729-301-11	2301#	8-729-901-05	2417	8-759-270-63	1103	8-765-493-00	363	8-905-605-384	103A
8-719-300-65	558	8-719-982-04	586	8-729-301-25	2428	8-729-901-06	2419	8-759-270-69	1101	8-765-750-00	10	8-905-605-390	103A
8-719-300-70	558	8-729-950-03	399	8-729-301-32	165	8-729-902-10	379	8-759-270-76	1109	8-769-132-00	458	8-905-605-607	131
8-719-300-76	552	8-721-323-00	158	8-729-304-62	383	8-729-902-11(BCE)	85	8-759-271-20	1087	8-769-200-20(SGD)	451	8-905-605-624	121
8-719-300-91	116	8-722-381-20	312	8-729-304-92	374	8-729-908-62	85	8-759-271-22	1085	8-769-200-30(SGD)	451	8-905-605-635	121
8-719-301-14	529	8-722-393-40	312	8-729-305-42	451	8-729-924-40	379	8-759-271-22	1234	8-769-335-10	293	8-905-605-636	121
8-719-301-18	125	8-722-923-00	107	8-729-306-72	382	8-729-925-02	379	8-759-271-40	1468	8-819-910-15	5020A	8-905-605-637	121
8-719-302-00	552	8-723-302-00	312	8-729-306-92	373	8-729-950-03	399	8-759-272-04	1153	8-851-340-00	1598	8-905-605-644	161
8-719-305-15	558	8-723-650	103	8-729-307-82	375	8-729-962-52	2308	8-759-272-15	1379	8-902-0706-071	123A	8-905-605-650	131
8-719-305-45	116	8-724-034-00	107	8-729-308-72	331	8-729-962-53	2308	8-759-272-22	1278	8-905-013-752	116	8-905-605-775	127
8-719-308-72	331	8-724-341-34	165	8-729-309-06	90	8-729-962-64	2311	8-759-273-02	1474	8-905-013-759	116	8-905-605-908	127
8-719-320-11	552	8-724-375-01	289A	8-729-309-08	90	8-729-965-22	18	8-759-273-18	1498	8-905-013-760	116	8-905-606-001	160
8-719-320-31	552	8-724-733-30	123A	8-729-309-36	91	8-729-965-61	2308	8-759-273-25	1730	8-905-014-008	118	8-905-606-003	160
8-719-331-10	552	8-725-800-00	229	8-729-311-42	94	8-729-967-32	293	8-759-275-06	975	8-905-014-017	123A	8-905-606-007	160
8-719-422-21	109	8-725-932-00	229	8-729-312-22	2409	8-729-976-71	379	8-759-275-14	941	8-905-198-001	116	8-905-606-008	160
8-719-500-01	5342	8-726-357-10	123A	8-729-313-42	291	8-729-976-91	2308	8-759-276-07	1545	8-905-198-004	116	8-905-606-010	160
8-719-500-04	5332	8-726-377-31	123A	8-729-313-82	54	8-729-984-70	2304	8-759-276-30	1576	8-905-198-005	116	8-905-606-016	160
8-719-500-34	113A	8-726-400-00	276	8-729-315-12	152	8-729-990-43	373	8-759-276-58	1571	8-905-198-007	116	8-905-606-051	160
8-719-501-34	125(2)	8-726-420-00	276	8-729-316-12	152	8-729-993-72	234	8-759-312-21	1492	8-905-198-008	116	8-905-606-075	160
8-719-502-20	5313	8-727-312-00	312	8-729-316-16	152	8-729-993-83	2308	8-759-312-23	1482	8-905-198-010	116	8-905-606-077	160
8-719-503-06	5315	8-727-788-00	159	8-729-322-78	171	8-729-993-15	1740	8-759-312-26	2000	8-905-198-034	116	8-905-606-090	160
8-719-503-40	156	8-729-100-6	2409	8-729-326-10	399	8-749-946-30	1331	8-759-313-40	1353	8-905-305-004	110MP	8-905-606-105	160
8-719-504-10	5312	8-729-100-13	123AP	8-729-326-11	157	8-749-946-50	1345	8-759-313-77	1398	8-905-305-007	109	8-905-606-106	160
8-719-504-40	5314	8-729-100-76	2409	8-729-326-82	292	8-749-956-30	1732	8-759-313-92	1606	8-905-305-020	109	8-905-606-120	160
8-719-510-10	166	8-729-101-07	2429	8-729-331-53	375	8-750-105-11	1096	8-759-314-57	1666	8-905-305-023	110MP	8-905-606-142	160
8-719-511-10	167	8-729-101-13	6402	8-729-334-58	199	8-751-001-00	1605	8-759-320-02	1635	8-905-305-055	109	8-905-606-152	160
8-719-511-20	167	8-729-101-31	6402	8-729-341-34	165	8-751-000-00	1603	8-759-324-11	1579	8-905-305-318	109	8-905-606-153	160
8-719-663-47	85	8-729-103-43	393	8-729-341-93	152	8-751-310-00	1601	8-759-324-12	1559	8-905-305-327	109	8-905-606-154	160
8-719-713-93	612	8-729-104-33	281	8-729-345-41	162	8-751-330-00	1599	8-759-324-13	1557	8-905-305-330	109	8-905-606-155	160
8-719-768-71	612	8-729-105-40(DSG)	459	8-729-345-42	94	8-751-350-00	1596	8-759-389-81	2061	8-905-305-336	109	8-905-606-158	160
8-719-800-34	125(2)	8-729-105-88	10	8-729-354-52	199	8-751-360-00	1594	8-759-400-01	1404	8-905-305-338	109	8-905-606-165	160
8-719-800-83	3041	8-729-106-68	2428	8-729-361-12	152	8-751-370-00	1592	8-759-400-03	1615	8-905-305-339	109	8-905-606-168	160
8-719-811-41	3018	8-729-109-53	54	8-729-364-71	383	8-751-380-00	1590	8-759-400-88	1744	8-905-305-342	109	8-905-606-180	160
8-719-812-41	3007	8-729-113-32	294	8-729-364-81	374	8-751-390-00	1588	8-759-424-00	712	8-905-305-348	109	8-905-606-211	160
8-719-812-42	3011	8-729-113-33	294	8-729-366-71	382	8-751-410-00	1586	8-759-425-00	712	8-905-305-400	116	8-905-606-225	160
8-719-812-43	3010	8-729-113-82	91	8-729-366-81	373	8-751-430-00	1582	8-759-600-05	1411	8-905-305-405	109	8-905-606-241	160
8-719-815-55	177	8-729-114-11	37	8-729-372-31	198	8-751-450-00	1584	8-759-600-24	1628	8-905-305-555	109	8-905-606-255	160
8-719-815-59	177	8-729-117-54	290A	8-729-372-51	165	8-751-771-00	1306	8-759-600-43	1308	8-905-305-561	109	8-905-606-256	160
8-719-815-80	519	8-729-118-76	165	8-729-372-52	238	8-759-480-00	1665	8-759-600-95	1308	8-905-305-580	109	8-905-606-249	160
8-719-815-85	177	8-729-122-01	374	8-729-374-02	383	8-759-001-20	1580	8-759-601-05	1308	8-905-305-635	109	8-905-606-350	160
8-719-900-26	506	8-729-122-02	374	8-729-375-01	289A	8-759-040-46	980	8-759-601-95	1308	8-905-313-007	110MP	8-905-606-351	160
8-719-900-33	552	8-729-122-63	2407	8-729-377-12	332	8-759-100-09	1552	8-759-608-43	1418	8-905-313-008	110MP	8-905-606-352	160
8-719-900-63	116	8-729-127-54	290A	8-729-377-58	90	8-759-100-60	1664	8-759-610-95	1308	8-905-313-010	109	8-905-606-360	160
8-719-900-93	552	8-729-133-40	54	8-729-378-84	293	8-759-100-64	1680	8-759-618-48	9555	8-905-313-011	109	8-905-606-375	160
8-719-900-95	558	8-729-133-53	379	8-729-379-02	382	8-759-100-75	1678	8-759-619-03	1510	8-905-313-017	109	8-905-606-390	160
8-719-901-02	116	8-729-137-32	379	8-729-383-03	36	8-759-101-60	1045	8-759-651-34	1096	8-905-313-018	110MP	8-905-606-391	160
8-719-901-03	552	8-729-139-04	123AP	8-729-384-48	234	8-759-101-80	1293	8-759-651-35	1004	8-905-313-100	109	8-905-606-392	160
8-719-901-09	558	8-729-140-02	90	8-729-386-12	55	8-759-102-84	17145	8-759-652-16	1512	8-905-313-101	109	8-905-606-405	160
8-719-901-13	116	8-729-157-11	315	8-729-387-28	91	8-759-103-58	1420	8-759-654-78	1581	8-905-313-120	109	8-905-606-419	160
8-719-901-19	552	8-729-159-64	2406	8-729-390-06	89	8-759-103-68	1426	8-759-684-85	1738	8-905-405-002	116	8-905-606-420	160
8-719-901-21	605A	8-729-162-44	2407	8-729-395-70	89	8-759-103-93	943M	8-759-800-12	1708	8-905-405-026	116	8-905-606-423	160
8-719-901-24	5457	8-729-162-45	2407	8-729-395-73	89	8-759-105-56	1416	8-759-800-15	1377	8-905-405-069	116	8-905-606-720	121
8-719-901-39	506	8-729-163-93(ECB)	288	8-729-398-09	89	8-759-105-57	1552	8-759-800-32	1561	8-905-405-077	109	8-905-606-750	102A
8-719-901-52	3160	8-729-167-42	107	8-729-398-62	331	8-759-105-82	1676	8-759-800-65	1658	8-905-405-098	177	8-905-606-800	102A
8-719-901-63	5026A	8-729-167-62	90	8-729-424-00	158	8-759-110-15	1563	8-759-800-92	1634	8-905-405-105	125	8-905-606-815	102A
8-719-901-92	552	8-729-168-11	36	8-729-447-53	158	8-759-110-17	1563	8-759-801-10	1024	8-905-405-134	116	8-905-606-817	102A
8-719-901-93	552	8-729-168-81	157	8-729-468-43	294	8-759-110-31	1245	8-759-801-25	1382	8-905-405-146	116	8-905-606-885	102A
8-719-901-94	552	8-729-168-82	157	8-729-600-27	85	8-759-110-32	1170	8-759-805-40	1028	8-905-405-160	125	8-905-613-010	102A
8-719-901-95	552	8-729-169-02	373	8-729-601-42	90	8-759-111-61	1489	8-759-805-61	1028	8-905-405-170	125	8-905-613-015	103A
8-719-901-98	3041	8-729-173-13	374	8-729-602-37	123AP	8-759-111-67	1488	8-759-811-40	1604	8-905-405-206	116	8-905-613-062	103A
8-719-902-29	552	8-729-173-36	290A	8-729-603-37	123AP	8-759-111-71	1491	8-759-812-01	1003	8-905-405-819	116	8-905-613-070	158
8-719-902-51	3161	8-729-173-37	290A	8-729-603-50	289A	8-759-111-85	1293	8-759-812-31	1441	8-905-405-822	519	8-905-613-071	158
8-719-903-03	558	8-729-177-32	293	8-729-606-32	289A	8-759-111-86	1456	8-759-812-40	1214	8-905-405-858	109	8-905-613-131	158
8-719-903-09	558	8-729-177-43	382	8-729-609-42	234	8-759-111-88	1724	8-759-812-45	1608	8-905-406-020	177	8-905-613-132	158
8-719-903-29	552	8-729-178-5	85	8-729-612-77	290A	8-759-112-38	1378	8-759-814-05	1515	8-905-413-092	116		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
8-905-706-215	123A	8C700A	159	8T04A	5629 ♦	9B820K	1V050	9L4A7	102A	9LS86	74LS86	9LS253PC	74LS253
8-905-706-235	123A	8C700B	159	8T04HA	5629 ♦	9D11	177	9L4A7-1	102A	9LS86CDC	74LS86	9LS257	74LS257
8-905-706-236	123A	8C700C	159	8T14A	5629 ♦	9D12	109	9L4A8	102A	9LS86PC	74LS86	9LS257CDD	74LS257
8-905-706-238	123A	8C702A	159	8T14HA	5629 ♦	9D13	116	9L4A9	102A	9LS90	74LS90	9LS257PC	74LS257
8-905-706-239	123A	8C702B	159	8T22	74122	9D14	177	9L4A9G	102A	9LS90CDD	74LS90	9LS258	74LS258
8-905-706-240	123A	8C704	159	8T22A	9601	9D15	139A	9L4A19	102A	9LS90CP	74LS90	9LS258CD	74LS258
8-905-706-242	123A	8C704	159	8T24A	5629 ♦	9D16	109	9L4A21	102A	9LS91	74LS91	9LS258PC	74LS258
8-905-706-244	123A	8C704G	159	8T24HA	5629 ♦	9D141003-12	139A	9L4A82	102A	9LS91DB	74LS91	9LS266	74LS266
8-905-706-245	123A	8C704M	159	8T26	8890	9D1	177	9L40	102A	9LS91J	74LS91	9LS266CDC	74LS266
8-905-706-246	123A	8C742	159	8T26A	8890	9D12	109	9L41	102A	9LS93	74LS93	9LS266PC	74LS266
8-905-706-247	159	8C742G	159	8T28	8899	9D13	177	9L42	102A	9LS93CDC	74LS93	9LS279	74LS279
8-905-706-250	123A	8C742M	159	8T34A	5629 ♦	9D1100310	109	9L43	102A	9LS93PC	74LS93	9LS279CD	74LS279
8-905-706-251	159	8C740M	159	8T34HA	5629 ♦	9G101K	1V060	9L44	102A	9LS95B	74LS95B	9LS279PC	74LS279
8-905-706-253	159	8C742D	159	8T44A	5629 ♦	9G121K	1V075	9L45	102A	9LS95BD	74LS95B	9LS295A	74LS295A
8-905-706-254	159	8C815	116	8T44HA	5629 ♦	9G151K	1V095	9L46	102A	9LS95BJ	74LS95B	9LS295ABD	74LS295A
8-905-706-255	159	8C815RE	116	8T95	8885	9G180K	1V010	9L47	102A	9LS107	74LS107	9LS295AD	74LS295A
8-905-706-256	159	8D	160	8T96	8886	9G181K	1V115	9L48	102A	9LS107CDD	74LS107	9LS295ADC	74LS295A
8-905-706-257	123A	8D4	116	8T97	8887	9G201K	1V130	9L49	102A	9LS109	74LS109A	9LS295AP	74LS295A
8-905-706-260	123A	8D6	116	8T98	8888	9G220K	1V014	9LR2	113A	9LS109CDD	74LS109A	9LS295APC	74LS295A
8-905-706-263	123A	8D8	125	8T245	74LS245	9G240K	1V015	9LR2-1	113A	9LS109PC	74LS109A	9LS298	74LS298
8-905-706-280	159	8D10	125	8.22(Zener)	5016A	9G241K	1V150	9LR2-2	114	9LS112	74LS112A	9LS298CDD	74LS298
8-905-706-286	159	8E	160	8.67.5072.0	109	9G270K	1V017	9LR2-3	113A	9LS112CD	74LS112A	9LS298PC	74LS298
8-905-706-287	159	8E(Automatic)	126A	9-003	107	9G330K	1V020	9LR2-4	115	9LS112CP	74LS112A	9LS298PC	74LS298
8-905-706-288	159	8F	160	9-050-29	126A	9G390K	1V250	9LR2-24	113A	9LS122	74LS122	9LS298PC	74LS298
8-905-706-289	159	8F(Automatic)	126A	9-919-415-00	1220	9G391K	1V250	9LR2-76	114	9LS122BD	74LS122	9LS298PC	74LS298
8-905-706-290	159	8G7	125	9-982-273-00	586	9G431K	1V275	9LR2-S1	113A	9LS122J	74LS122	9LS298PC	74LS298
8-905-706-336	123A	8GA	125	9-5108	160	9G470K	1V300	9LR21	113A	9LS125	74LS125A	9LS298PC	74LS298
8-905-706-345	123A	8J195B	5653	9-5111	160	9G471K	1V300	9LS00CDD	74LS00	9LS125CD	74LS125A	9LS298PC	74LS298
8-905-706-355	123A	8J195B	5653	9-5112	101	9G590K	1V025	9LS00CDD	74LS00	9LS125PC	74LS125A	9LS298PC	74LS298
8-905-706-356	130	8L	160	9-5117	160	9G680K	1V040	9LS00CDD	74LS00	9LS132	74LS132	9LS298PC	74LS298
8-905-706-357	130	8L201	121	9-5122	101	9G820K	1V050	9LS00PC	74LS00	9LS132CD	74LS132	9LS298PC	74LS298
8-905-706-360	123A	8L201B	121	9-5123	101	9G821K	123A	9LS02	74LS02	9LS132PC	74LS132	9LS298PC	74LS298
8-905-706-361	161	8L201C	121	9-5124	101	9G822K	123A	9LS02CDD	74LS02	9LS133	74LS133	9LS298PC	74LS298
8-905-706-362	161	8L201D	121	9-5125	101	9H00DC	74H00	9LS03	74LS03	9LS133CD	74LS133	9LS298PC	74LS298
8-905-706-363	161	8L201E	121	9-5126	101	9H01DC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-364	161	8L201F	121	9-5127	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-365	161	8L201G	121	9-5128	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-366	161	8L201H	121	9-5129	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-367	161	8L201I	121	9-5130	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-368	161	8L201J	121	9-5131	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-369	161	8L201K	121	9-5132	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-370	161	8L201L	121	9-5133	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-371	161	8L201M	121	9-5134	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-372	161	8L201N	121	9-5135	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-373	161	8L201O	121	9-5136	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-374	161	8L201P	121	9-5137	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-375	161	8L201Q	121	9-5138	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-376	161	8L201R	121	9-5139	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-377	161	8L201S	121	9-5140	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-378	161	8L201T	121	9-5141	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-379	161	8L201U	121	9-5142	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-380	161	8L201V	121	9-5143	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-381	161	8L201W	121	9-5144	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-382	161	8L201X	121	9-5145	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-383	161	8L201Y	121	9-5146	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-384	161	8L201Z	121	9-5147	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-385	161	8L201A	121	9-5148	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-386	161	8L201B	121	9-5149	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-387	161	8L201C	121	9-5150	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-388	161	8L201D	121	9-5151	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-389	161	8L201E	121	9-5152	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-390	161	8L201F	121	9-5153	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-391	161	8L201G	121	9-5154	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-392	161	8L201H	121	9-5155	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-393	161	8L201I	121	9-5156	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-394	161	8L201J	121	9-5157	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-395	161	8L201K	121	9-5158	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-396	161	8L201L	121	9-5159	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-397	161	8L201M	121	9-5160	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-398	161	8L201N	121	9-5161	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-399	161	8L201O	121	9-5162	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-400	161	8L201P	121	9-5163	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-401	161	8L201Q	121	9-5164	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-402	161	8L201R	121	9-5165	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-403	161	8L201S	121	9-5166	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-404	161	8L201T	121	9-5167	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-405	161	8L201U	121	9-5168	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-406	161	8L201V	121	9-5169	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	74LS298
8-905-706-407	161	8L201W	121	9-5170	101	9H01PC	74H01	9LS03CDD	74LS03	9LS133PC	74LS133	9LS298PC	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
9N122DC	74122	10-13-002-4	130	10D6E	116	10H8100	5328	10P26 8B	5181A	10PZ56B	5212A	10RZ8 2A	5183AK
9N122PC	74122	10-13159-002	175	10D6F	116	10H83N	5819	10P26 8C	5181A	10PZ56C	5212A	10RZ8 2B	5183AK
9N123DC	74123	10-26-123-313	152	10D6K	116	10H83P	5818	10P26 8D	5181A	10PZ56D	5212A	10RZ8 2C	5183A
9N123PC	74123	10-42	116	10D7	125	10I10	125	10P27 5	5182A	10PZ58	5215A	10RZ8 2D	5183A
9N132DC	74132	10-3159-002	175	10D7E	125	10-13002-004	130	10P27 5A	5182A	10PZ58A	5215A	10RZ9 1	5185AK
9N132PC	74132	10-10112	177	10D7F	125	10J2	116	10P27 5B	5182A	10PZ58B	5215A	10RZ9 1A	5185AK
9RE1	116	10-13002-003	130	10D7K	125	10J2F	116	10P27 5C	5182A	10PZ58C	5215A	10RZ9 1B	5185AK
9S00DC	74500	10-13002-004	130	10D8	552	10J3P	5874	10P27 5D	5182A	10PZ58D	5215A	10RZ9 1C	5185A
9S00PC	74500	10-13030-004	181	10D8E	125	10JH3	6050	10P28 2	5183A	10PZ75	5216A	10RZ9 1D	5185A
9S03DC	74503	10-13030-005	181	10D9K	116	10K	116	10P28 2A	5183A	10PZ75A	5216A	10RZ10	5186AK
9S03PC	74503	10-13159-002	175	10D10	125	10K-1	116	10P28 2B	5183A	10PZ75B	5216A	10RZ10A	5186AK
9S04DC	74504	10-47674-01	722	10DB	116(4)	10K80	505	10P28 2C	5183A	10PZ75C	5216A	10RZ10B	5186AK
9S04PC	74504	10-102005	125	10DB05P	5304	10K241U(MOV)	2V150	10P28 2D	5183A	10PZ75D	5217A	10RZ10C	5186A
9S05DC	74505	10-374101	130	10DB1	166	10L15	525	10P29 1	5185A	10PZ82	5217A	10RZ10D	5186A
9S05PC	74505	10A	160	10DB1P	5304	10M	116	10P29 1A	5185A	10PZ82A	5217A	10RZ11	5187AK
9S011	102A	10A590B	116	10DB2A	167	10M3 9A25	5174A	10P29 1B	5185A	10PZ82B	5217A	10RZ11A	5187AK
9S037	123A	10AC3S	5675	10DB2P	5304	10M4 3A25	5175A	10P29 1C	5185A	10PZ82C	5217A	10RZ11B	5187AK
9S10DC	74510	10AC3SL	5675	10DB4A	168	10M4 7A25	5176A	10P29 1D	5185A	10PZ82D	5217A	10RZ11C	5187A
9S10PC	74510	10AC3SR	5675	10DB4P	5304	10M5 1A25	5177A	10P210	5186A	10PZ91	5219A	10RZ11D	5187A
9S11DC	74511	10AC3S	5677	10DB6A	168	10M5 6A25	5178A	10P210A	5186A	10PZ91A	5219A	10RZ12	5188AK
9S11PC	74511	10AC3SL	5677	10DB6A-C	168	10M6 2A25	5180A	10P210B	5186A	10PZ91B	5219A	10RZ12A	5188AK
9S15DC	74515	10AC3SR	5677	10DB6P	5305	10M6 8A25	5181A	10P210C	5186A	10PZ91C	5219A	10RZ12B	5188AK
9S15PC	74515	10AC3S	5677	10DB8P	5306	10M6 8Z5	5181A	10P210D	5186A	10PZ91D	5219A	10RZ12C	5188A
9S20DC	74520	10AC3SL	5677	10DBF	116	10M7 5A25	5182A	10P211	5187A	10PZ100	5220A	10RZ12D	5188A
9S20PC	74520	10AC3SR	5677	10DC	116	10M7 5Z5	5182A	10P211A	5187A	10PZ100A	5220A	10RZ13	5189AK
9S22DC	74522	10AG2	116	10DC05	116(2)	10M8 2Z5	5183A	10P211B	5187A	10PZ100B	5220A	10RZ13A	5189AK
9S22PC	74522	10AG4	116	10DC05(Red)	116	10M9 1Z5	5185A	10P211C	5187A	10PZ100C	5220A	10RZ13B	5189AK
9S40DC	74540	10AG6	116	10DC05N	113A	10M10	5982	10P211D	5187A	10PZ100D	5220A	10RZ13C	5189A
9S40PC	74540	10AG6	125	10DC05R	116	10M10Z5	5186A	10P212	5188A	10PZ110	5222A	10RZ13D	5189A
9S64DC	74564	10AG10	125	10DC05H(Boost)	115	10M125	5187A	10P212A	5188A	10PZ110A	5222A	10RZ15	5191AK
9S64PC	74564	10AL2	116	10DC1	116	10M1225	5188A	10P212B	5188A	10PZ110B	5222A	10RZ15A	5191AK
9S65DC	74565	10AL6	116	10DC-1	116(2)	10M1325	5188A	10P212C	5188A	10PZ110C	5222A	10RZ15B	5191AK
9S65PC	74565	10AS	116	10DC-1(SANYO)	135A	10M1425	5190A	10P212D	5188A	10PZ110D	5222A	10RZ15C	5191A
9S74DC	74574	10AT2	116	10DC1 Black	116	10M1525	5181A	10P213	5189A	10PZ120	5223A	10RZ15D	5191A
9S74PC	74574	10AT4	116	10DC1 Red	116	10M1625	5192A	10P213A	5189A	10PZ120A	5223A	10RZ16	5192AK
9S112DC	745112	10AT6	116	10DC-1N	113A	10M17Z	5193A	10P213B	5189A	10PZ120B	5223A	10RZ16A	5192AK
9S112PC	745112	10AT8	125	10DC1N	125	10M17Z5	5193A	10P213C	5189A	10PZ120C	5223A	10RZ16B	5192AK
9S113DC	745113	10AT10	125	10DC1R	125	10M17Z10	5193A	10P213D	5189A	10PZ120D	5223A	10RZ16C	5192A
9S113PC	745113	10B1	116	10DC1R	160	10M18Z	5194A	10P214	5190A	10PZ130	5224A	10RZ16D	5192A
9S114DC	745114	10B1	116	10DC-2	156(2)	10M18Z5	5194A	10P214A	5190A	10PZ130A	5224A	10RZ18	5194AK
9S114PC	745114	10B2	116	10DC-2B	116(2)	10M18Z10	5194A	10P214B	5190A	10PZ130B	5224A	10RZ18A	5194AK
9S133DC	745133	10B-2	116	10DC-2C	116	10M19Z5	5195A	10P214C	5190A	10PZ130C	5224A	10RZ18B	5194AK
9S133PC	745133	10B3-B1W	166	10DC-2F	116(2)	10M20	5986	10P214D	5190A	10PZ130D	5224A	10RZ18C	5194A
9S134DC	745134	10B-2-N1W	116(2)	10DC-2J	116	10M2015	5196A	10P215A	5191A	10PZ150	5226A	10RZ20	5196AK
9S134PC	745134	10B3	116	10DC-2J	116	10M22Z5	5197A	10P215B	5191A	10PZ150B	5226A	10RZ20A	5196AK
9S140DC	745140	10B4	116	10DC-2R	156(2)	10M24Z5	5198A	10P215C	5191A	10PZ150C	5226A	10RZ20B	5196AK
9S140PC	745140	10B-4	120	10DC-4	116	10M25Z	5199A	10P215D	5191A	10PZ150D	5226A	10RZ20C	5196A
9S2957	461	10B-4-C4	120	10DC-4	116	10M25Z10	5199A	10P216	5192A	10PZ160	5227A	10RZ22	5197AK
9TR1	107	10B5	116	10DC4R	116	10M27Z5	5200A	10P216A	5192A	10PZ160A	5227A	10RZ22A	5197AK
9TR2	123A	10B6	116	10DC-4R	116	10M30	5988	10P216B	5192A	10PZ160B	5227A	10RZ22B	5197AK
9TR3	199	10B8	125	10DC8	125	10M30Z5	5202A	10P216C	5192A	10PZ160C	5227A	10RZ22C	5197A
9TR4	195A	10B10	125	10DCIN	116(2)	10M32Z5	5203A	10P216D	5192A	10PZ160D	5227A	10RZ24	5198AK
9TR5	237	10B12	140A	10DCO5	116(2)	10M36Z5	5204A	10P218	5194A	10PZ180	5230A	10RZ24A	5198AK
9TR6	195A	10B551	108	10DCO5R	116	10M39Z5	5205A	10P218A	5194A	10PZ180A	5230A	10RZ24B	5198AK
9TR7	123A	10B553	108	10DCOB	116	10M39Z10	5174A	10P218B	5194A	10PZ180B	5230A	10RZ24C	5198A
9TR8	152	10B555	108	10DCOH	116	10M40	5990	10P218C	5194A	10PZ180C	5230A	10RZ24D	5198A
9TR9	289A	10B558	108	10DCO1	116	10M42Z5	5206A	10P220	5196A	10PZ200	5232A	10RZ27	5200AK
9TR10	195A	10B1055	108	10DG	116	10M47Z5	5208A	10P220A	5196A	10PZ200A	5232A	10RZ27A	5200AK
9TR11	195A	10BL2C41	6240	10DK201	2V130	10M50	5992	10P220B	5196A	10PZ200B	5232A	10RZ27B	5200AK
9TR1001-01	107	10B-1	116	10DK220	2V014	10M50Z5	5209A	10P220C	5196A	10PZ200C	5232A	10RZ27C	5200A
9TR21001-02	123A	10B-1	116	10DK241	2V015	10M52Z5	5210A	10P220D	5196A	10PZ200D	5232A	10RZ27D	5200A
9TR31001-03	123A	10C05	116	10DK270	2V017	10M56Z5	5212A	10Q3	5944	10Q3	5944	10RZ30	5202AK
9TR61001-07	123A	10C1	116	10DK330	2V020	10M60	5994	10P222	5197A	10PZ277C	7489	10RZ30A	5202AK
9TR91001-09	130	10C2	116	10DK391	2V250	10M62Z5	5214A	10P222A	5197A	10PZ277D	7489	10RZ30B	5202AK
9TRZ1001-02	123A	10C3	116	10DK580	2V035	10M68Z5	5215A	10P222B	5197A	10PZ277E	7489	10RZ30C	5202AK
9.1B(Zener)	5018A	10C4	116	10DK620	2V035	10M72Z5	5216A	10P222C	5197A	10PZ277F	7489	10RZ30D	5202AK
9.1B3(Zener)	5018A	10C4D	116	10DL2C41	6240	10M80	5998	10P222D	5197A	10PZ277G	7489	10RZ30E	5202AK
9.1N3(Zener)	5018A	10C5	116	10DO 5	116	10M82Z5	5217A	10P224	5198A	10PZ277H	7489	10RZ30F	5202AK
9.1Z(Zener)	5018A	10C6	116	10DO5	125	10M91Z5	5219A	10P224A	5198A	10PZ277I	7489	10RZ30G	5202AK
10-001	1254	10C8	125	10DOQ3	116	10M100	6002	10P224B	5198A	10PZ277J	7489	10RZ30H	5202AK
10-002	229	10C10	125	10DOQ3	116	10M100Z5	5220A	10P224C	5198A	10PZ277K	7489	10RZ30I	5202AK
10-003	199	10C573	108	10DRV	116	10M105Z5	5221A	10P224D	5198A	10PZ277L	7489	10RZ30J	5202AK
10-004	312	10C574	108	10D-V	116	10M110Z5	5222A	10P227	5200A	10PZ277M	7489	10RZ30K	5202AK
10-005	312	10CL2C41	6240	10DV	116	10M120Z5	5223A	10P227A	5200A	10PZ277N	7489	10RZ30L	5202AK
10-006	295	10D	116	10DX2	116	10M130Z5	5224A	10P227B	5200A	10PZ277O	7489	10RZ30M	5202AK
10-007	235	10D(ZENER)	5019T1	10DX2	116	10M140Z5	5225A	10P227C	5200A	10PZ277P	7489	10RZ30N	5202AK
10-008	289A	10D-02	116	10E1	116	10M150Z5	5226A	10P227D	5200A	10PZ277Q	7489	10RZ30O	5202AK
10-009	186A	10D-05	116	10E-1	116	10M160Z5	5227A	10P230	5202A	10PZ277R	7489	10RZ30P	5202AK
10-06-1005	2062	10D05	116	10E1LF	116	10M275	5200A	10P230A	5202A	10PZ277S	7489	10RZ30Q	5202AK
10-010	177	10D-06	116	10E2	552	10MA10	5983	10P230B	5202A	10PZ277T	7489	10RZ30R	5202AK
10-011	519	10D08	5072A										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
10RZ82C	5217A	10T30R	5202AK	10Z5.1T5	5177AK	11B552	108	12-1-230	160	12C10	5874	12FLR20	5819
10RZ82D	5217A	10T30RA	5202AK	10Z5.1T10	5177AK	11B554	108	12-1-231	160	12C10R	5875	12FLR20S	5819
10RZ91	5219AK	10T33	5203A	10Z5.1T20	5177AK	11B555	108	12-1-232	102A	12C15	5874	12FLR20S02	5819
10RZ91A	5219AK	10T33A	5203A	10Z5.6T5	5178AK	11B1052	108	12-1-233	160	12C15R	5875	12FLR20S05	5819
10RZ91B	5219AK	10T33R	5203AK	10Z5.6T10	5178AK	11B1055	108	12-1-234	100	12C20	5874	12FLR40	5821
10RZ91C	5219A	10T33RA	5203AK	10Z5.6T20	5178AK	11BZ(Zener)	5020A	12-1-235	100	12C20R	5875	12FLR40S	5821
10RZ91D	5219A	10T36	5204A	10Z6.2T5	5180AK	11C1B1	124	12-1-236	100	12C30	5878	12FLR40S02	5821
10RZ100	5220AK	10T36A	5204A	10Z6.2T10	5180AK	11C2(Zener)	5020A	12-1-240	100	12C30R	5879	12FLR40S05	5821
10RZ100A	5220AK	10T36R	5204AK	10Z6.2T20	5181AK	11C31	124	12-1-241	100	12C40	5878	12FLR60	5823
10RZ100B	5220AK	10T36RA	5204AK	10Z6.6T5	5181AK	11C3B3	124	12-1-242	126A	12C40R	5879	12FLR60S	5823
10RZ100C	5220A	10T39	5205A	10Z6.8T10	5181AK	11C5B1	124	12-1-243	126A	12C50	5882	12FLR60S02	5823
10RZ100D	5220A	10T39A	5205A	10Z6.8T20	5181AK	11C7B1	124	12-1-244	126A	12C50R	5883	12FLR60S05	5823
10RZ110	5222AK	10T39R	5205AK	10Z7.5T5	5182AK	11C10B1	124	12-1-245	102A	12C60	5882	12FR5	5871
10RZ110A	5222AK	10T39RA	5205AK	10Z7.5T10	5182AK	11C11B1	124	12-1-246	100	12C60R	5883	12FR5A	5871
10RZ110B	5222AK	10T43	5206A	10Z7.5T20	5182AK	11C44	974	12-1-256	160	12C70	5886	12FR5B	5871
10RZ110C	5222A	10T43A	5206A	10Z8.2T5	5183AK	11C55	974	12-1-257	126A	12C70R	5887	12FR10	5875
10RZ110D	5222A	10T43R	5206AK	10Z8.2T10	5183AK	11C551	108	12-1-258	160	12C80	5886	12FR10A	5875
10RZ120	5223AK	10T43RA	5206AK	10Z8.2T20	5183AK	11C553	108	12-1-259	160	12C80R	5887	12FR10B	5875
10RZ120A	5223AK	10T47	5208A	10Z8.1T5	5185AK	11C57	108	12-1-260	160	12C90	5887	12FR10S	5875
10RZ120B	5223AK	10T47A	5208A	10Z9.1T10	5185AK	11C1051	108	12-1-266	102A	12C90R	5891	12FR15A	5875
10RZ120C	5223A	10T47R	5208AK	10Z9.1T20	5185AK	11C1053	108	12-1-267	102A	12C100	5890	12FR15B	5875
10RZ120D	5223A	10T47RA	5208AK	10Z10	5186A	11C1057	108	12-1-270	121	12C100R	5891	12FR20	5875
10RZ130	5224AK	10T51	5210A	10Z10T5	5186AK	11C1059	124	12-1-271	121	12CAM	159	12FR20A	5875
10RZ130A	5224AK	10T51A	5210A	10Z10T10	5186AK	11DQ03	585	12-1-272	100	12C101.2	5892	12FR20B	5875
10RZ130B	5224AK	10T51R	5210AK	10Z10T20	5186AK	11DQ04	585	12-1-273	100	12C12	5944	12FR30	5879
10RZ130C	5224A	10T51RA	5210AK	10Z11T5	5187AK	11F1SC	5875	12-1-274	102A	12CD12	5945	12FR30A	5879
10RZ130D	5224A	10T56	5212A	10Z11T10	5187AK	11F2SC	5875	12-1-275	100	12CF11	5887	12FR30B	5879
10RZ150	5226AK	10T56A	5212AK	10Z11T20	5187AK	11F3SC	5875	12-1-276	100	12CTQ041	6246#	12FR30S	5879
10RZ150A	5226AK	10T56R	5212AK	10Z12	5188A	11J2	116	12-1-277	123A	12CLN	5944	12FR40A	5879
10RZ150B	5226AK	10T56RA	5212AK	10Z12T5	5188AK	11J2F	116	12-1-278	123A	12CTQ030	6085	12FR40B	5879
10RZ150C	5226A	10T62	5214A	10Z12T10	5188AK	11N1	5021A	12-1-279	123A	12CTQ035	6085	12FR50	5883
10RZ150D	5226A	10T62A	5214A	10Z12T20	5188AK	11N2470	463	12-1-289	100	12CTQ040	6085	12FR50A	5883
10RZ160	5227AK	10T62R	5214AK	10Z12T10	5188AK	11R5	5870	12-1-291	123A	12CTQ045	6087	12FR50B	5883
10RZ160A	5227AK	10T62RA	5214AK	10Z12T10	5188AK	11R1S	5874	12-1A0	123A	12CZP-114	161A	12FR60	5883
10RZ160B	5227AK	10T68	5215A	10Z13T20	5189AK	11R1SC	5874	12-1A0R	123A	12D2500	464	12FR60A	5883
10RZ160C	5227A	10T68A	5215A	10Z15T5	5191AK	11R2S	5874	12-1A1	123A	12DG11	6006	12FR60B	5883
10RZ160D	5227A	10T68R	5215AK	10Z15T10	5191AK	11R2SC	5874	12-1A2	123A	12DGH1	6007	12FR70B	5887
10RZ180	5230AK	10T75	5216A	10Z16T5	5192AK	11R3S	5878	12-1A3	123A	12DHC	6007	12FR80	5887
10RZ180A	5230AK	10T75A	5216A	10Z16T10	5192AK	11R3SC	5878	12-1A3P	123A	12DL2C41	6246#	12FR80A	5887
10RZ180B	5230AK	10T75R	5216AK	10Z16T20	5192AK	11R4S	5878	12-1A4	123A	12F5	5870	12FR80B	5887
10RZ180C	5230A	10T75RA	5216AK	10Z18T5	5194AK	11R5S	5882	12-1A4-7	123A	12F5A	5870	12FR90	5891
10RZ180D	5230A	10T75R	5216AK	10Z18T10	5194AK	11R5S	5882	12-1A4-7B	123A	12F5B	5870	12FR90A	5891
10RZ200	5232AK	10T82	5217A	10Z18T20	5194AK	11R6S	5882	12-1A5	123A	12F5R	5874	12FR90B	5891
10RZ200A	5232AK	10T82A	5217A	10Z18T20	5194AK	11R10S	5890	12-1A5L	123A	12F10A	5874	12FR100	5891
10RZ200B	5232AK	10T82R	5217AK	10Z20T5	5196AK	11RC10	5522	12-1A6	123A	12F10B	5874	12FR100A	5891
10RZ200C	5232A	10T82RA	5217AK	10Z20T10	5196AK	11RC20	5524	12-1A6A	123A	12F15	5874	12FR100B	5891
10RZ200D	5232A	10T91	5218A	10Z20T20	5197AK	11RC30	5527	12-1A7	123A	12F15R	5874	12G4	5906
10T5.6	5178A	10T91A	5219AK	10Z22T10	5197AK	11RC50	5529	12-1A7-1	123A	12F15B	5874	12G40B	2V000
10T5.6R	5178AK	10T91R	5219AK	10Z22T20	5197AK	11RC60	5529	12-1A8	123A	12F20	5874	12G121K	2V075
10T5.6R	5178AK	10T91RA	5219AK	10Z22T10	5197AK	11RC60	5529	12-1A9	123A	12F20A	5874	12G151K	2V095
10T5.6R	5178AK	10T100	5220A	10Z24T5	5198AK	11RC80	5531	12-1A9G	123A	12F20B	5874	12G180K	2V010
10T5.6R	5178AK	10T100A	5220AK	10Z24T10	5198AK	11T4	5408	12-1A10	123A	12F20R	5874	12G180K	2V010
10T5.6R	5178AK	10T100R	5220AK	10Z24T20	5198AK	11T4S	5453	12-1A21	123A	12F20S	5874	12G201K	2V130
10T5.6R	5178AK	10T100RA	5220AK	10Z27T5	5200AK	11Y(Zener)	5020A	12-1A82	123A	12F30A	5878	12G220K	2V014
10T5.6R	5178AK	10T110	5222A	10Z27T10	5200AK	11Z6AF	5066A	12-1N	115	12F30B	5878	12G241K	2V150
10T6.8	5181A	10T110A	5222A	10Z27T20	5200AK	11Z6F	5066A	12-1N10	178MP	12F40A	5878	12G270K	2V017
10T6.8A	5181A	10T110R	5222AK	10Z30T5	5202A	11ZC11T5	5074A	12-2	225	12F40B	5878	12G270K	2V017
10T6.8R	5181AK	10T110RA	5222AK	10Z30T10	5202AK	11ZM11T5	5074A	12-3	113A	12F50	5882	12G300K	2V025
10T6.8R	5181AK	10T120	5223A	10Z30T20	5202AK	12-085005	109	12-3/04	113A	12F50A	5882	12G31K	2V250
10T7.5	5182A	10T120A	5223A	10Z33T5	5203AK	12-085006	109	12-4	123A	12F50B	5882	12G431K	2V275
10T7.5A	5182A	10T120R	5223AK	10Z33T10	5203AK	12-085009	109	12-10	123A	12F60	5882	12G470K	2V030
10T7.5R	5182AK	10T120RA	5223AK	10Z33T20	5203AK	12-085029	109	12-11	123A	12F60A	5882	12G471K1	2V300
10T7.5R	5182AK	10T130	5224A	11-0399	121	12-085031	116	12-12	123A	12F60B	5882	12G560K	2V035
10T8.2	5183A	10T130A	5224A	11-0400	121	12-085034	109	12-13	123A	12F70B	5886	12G680K	2V040
10T8.2A	5183A	10T130R	5224AK	11-0422	289A	12-085035	109	12-14	123A	12F80	5886	12G681K	2V420
10T8.2R	5183AK	10T130RA	5224AK	11-0423	172A	12-085038	109	12-15	123A	12F80A	5886	12G820K	2V050
10T8.2RA	5183AK	10T150	5226A	11-0429	116	12-085040	116	12-16	123A	12F80B	5886	12G821K	524V48
10T9.1	5185A	10T150A	5226A	11-0430	177	12-085041	110MP	12-17	123A	12F90	5890	12G821K	524V48
10T9.1A	5185A	10T150R	5226AK	11-0769	116	12-087003	109	12-18	123A	12F90A	5890	12G811	6008
10T9.1R	5185AK	10T150RA	5226AK	11-0770	185	12-087004	177	12-19	123A	12F90B	5890	12G811	6009
10T9.1RA	5185AK	10T160	5227A	11-0771	116	12-1	154	12-21-050	234	12F100	5890	12J2	116
10T10	5186A	10T160A	5227A	11-0772	184	12-1-70	123A	12/100	113A	12F100A	5890	12J2F	116
10T10A	5186A	10T160R	5227AK	11-0773	185	12-1-70-12	123A	12-23163-3	107	12F100B	5890	12J193A	5328
10T10R	5186AK	10T160RA	5227AK	11-0774	289A	12-1-70-12-7	123A	12-28471-1(Plastic)	188	12F12	5948	12J1C11	5952
10T11	5187A	10T180	5230A	11-0775	172A	12-1-73	100	12-100001	116	12F12	5949	12J1G11	6010
10T11A	5187A	10T180A	5230A	11-0778	289A	12-1-74	100	12-100003	116	12FG11	6008	12JH11	6011
10T11R	5187AK	10T180R	5230AK	11-0781	177	12-1-75	100	12-100008	116	12FH05	5818	12LC11	5998
10T11RA	5187AK	10T180RA	5230AK	11-085001	109	12-1-76	100	12-100027	129	12FH05S	5818	12LF11	5887
10T12	5188A	10T200	5232A	11-085003	116	12-1-78	100	12-100047	130	12FH1	5818	12M2	121
10T12A	5188A	10T200A	5232A	11-085004	109	12-1-83	100						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
13-0009	229	13-0031013-047	198	13-0321-12	123A	13-4377-1	116	13-10321-120	612	13-14085-117	187A	13-14778-1A	121MP
13-004	109	13-0031013-053	108	13-0321-14	108	13-5018-6	941M	13-10321-121	616	13-14085-118	186A	13-14778-1B	121MP
13-006	159	13-0031013-056	123AP	13-0321-15	108	13-5020-6	923D	13-10321-122	5024A	13-14085-119	289A	13-14778-1C	121MP
13-0010	229	13-0031013-064	187A	13-0321-16	108	13-5022-6	7415A	13-10321-124	519	13-14085-121	152	13-14778-1D	121MP
13-0014	175	13-0031013-067	186A	13-0321-17	108	13-5111-1	5130A	13-10321-125	112	13-14085-122	199	13-14879-1	145A
13-0015	116	13-0031013-068	116	13-0321-21	108	13-5111-3	5127A	13-10321-126	616	13-14085-123	184	13-14879-2	142A
13-0017	5085A	13-0031014-014	5010A	13-0321-81	123A	13-5118-6	7403	13-10321-128	555	13-14085-124	185	13-14879-3	145A
13-0020	229	13-0031014-021	109	13-076001	724	13-5147-6	80C97	13-10321-129	107	13-14085-125	85	13-14879-4	138A
13-0021	123A	13-0031014-030	552	13-076002	703	13-5148-6	7447	13-10321-130	553	13-14085-126	184	13-14879-6	5079A
13-0022	123A	13-003179-001	5099A	13-085012	109	13-5153-6	988	13-10321-131	616	13-14085-127	199	13-14879-7	5079A
13-0024	123A	13-0033179-004	140A	13-085015	177	13-5156-6	4069	13-10321-132	616	13-14085-128	290A	13-14886-1	126A
13-0028	195A	13-0033179-005	5079A	13-085022	177	13-5194-6	740A	13-10321-133	229	13-14085-129	123AP	13-14887-1	126A
13-0032	130	13-0033179-006	142A	13-085023	177	13-10102-1	116	13-10321-137	5010A	13-14085-130	199	13-14888-3	102
13-0035	195A	13-0033179-007	5097A	13-085024	125	13-10320-14	161	13-10321-138	107	13-14085-131	107	13-14889-1	126A
13-0040	229	13-0033179-008	5082A	13-085026	177	13-10321-1	108	13-10321-139	454	13-14085-132	85	13-14890-1	109
13-0041	123A	13-0033179-010	5096A	13-085027	125	13-10321-2	108	13-10321-141	112	13-14085-133	107	13-15465-1	178MP
13-0043	159	13-0033179-012	5094A	13-085028	139A	13-10321-3	116	13-10321-142	616	13-14085-134	229	13-15804-1	123A
13-0043A	159	13-0033179-013	135A	13-085029	110MP	13-10321-5	108	13-10321-144	108	13-14085-135	123AP	13-15805-1	121
13-0044	159	13-0033179-014	142A	13-085039	116	13-10321-6	108	13-10321-147	313	13-14085-136	184	13-15806-1	102
13-0044A	159	13-0033182-001	162	13-085042	139A	13-10321-7	108	13-10321-149	455	13-14085-137	185	13-15808-1	123AP
13-0048	123A	13-0033182-002	162	13-087005	102A	13-10321-8	108	13-10321-150	455	13-14085-139	290A	13-15808-2	161
13-0049	184	13-0033187-001	5047A	13-087005(Diode)	177	13-10321-9	108	13-10321-154	616	13-14085-140	184#	13-15809-1	154
13-0050	125	13-0033187-002	5050A	13-087027	116	13-10321-10	108	13-10321-159	455	13-14085-141	185#	13-15810-1	108
13-0058	123A	13-0033187-003	5029A	13-0161882-101	25A	13-10321-11	108	13-10321-161	455	13-14085-142	107	13-15811-1	108
13-0061	159	13-0033187-004	5031A	13-0162399-102	123AP	13-10321-12	108	13-12001-0	109	13-14085-143	159	13-15835-1	161
13-0061A	159	13-0033187-005	5048A	13-0162414-102	172A	13-10321-14	108	13-12001-0/3626	109	13-14085-144(ECB)	229	13-15836-1	102
13-0062	229	13-0033187-006	5019A	13-1-6	703	13-10321-15	108	13-12002-0	109	13-14085-145	199	13-15840-1	123A
13-0062-1	229	13-0033187-007	5019A	13-2606-1	127	13-10321-16	108	13-12003-0	109	13-14085-146	85	13-15840-2	123A
13-0063	229	13-0033187-010	5055A	13-2P64	152	13-10321-17	108	13-12003-0/3626	109	13-14085-147	85	13-16106-3	119
13-0064	311	13-0033187-011	5021A	13-2P64-1	152	13-10321-20	108	13-13002-0/3626	109	13-14085-148	85	13-15842-1	297
13-0065	229	13-0033187-012	5011A	13-3-6	726	13-10321-21	108	13-13532-1	159	13-14085-149	290A	13-15865-1	123A
13-0078	5130A	13-0033187-013	5052A	13-4P63	152	13-10321-26	108	13-14084-80	5030A	13-14085-150	289A	13-16104-8	116
13-0079	329	13-0033187-014	5008A	13-4P63-1	152	13-10321-27	107	13-14085-1	108	13-14085-151	289A	13-16104-9	116
13-0079A	329	13-0033187-015	5032A	13-9-4	HiDiv-2	13-10321-28	126A	13-14085-2	108	13-14085-152	290A	13-16106-6	504
13-0082	229	13-0033187-016	5033A	13-9-4	HiDiv-2	13-10321-29	107	13-14085-3	107	13-14085-153	292	13-16106-7	118
13-0084	159	13-0033187-017	5007A	13-9-6	703	13-10321-30	108	13-14085-4	107	13-14085-154	152	13-16106-3	503
13-0089	708	13-0033187-018	5024A	13-10-4	HiDiv-2	13-10321-31	107	13-14085-5	123A	13-14085-155	199	13-16106-4	504
13-0091	816	13-0033187-019	5008A	13-10-6	703	13-10321-32	107	13-14085-6	123A	13-14085-156	199	13-16106-5	504
13-0092	123A	13-0033187-020	5022A	13-10-6(Fleetwood)	703	13-10321-33	107	13-14085-7	102A	13-14085-157	289A	13-16106-6	504
13-0093	159	13-0033187-024	5020A	13-11-6	703	13-10321-35	229	13-14085-8	102A	13-14085-158	85	13-16106-7	504
13-0094	184	13-0033187-026	5015A	13-11-6(Sears)	703	13-10321-36	229	13-14085-11	158	13-14085-159	152	13-16219-7	113A
13-0095	316	13-0033187-027	510772	13-12-4	HiDiv-2	13-10321-37	229	13-14085-12	158	13-14085-160	453	13-16235-8	108
13-0097	182	13-0033187-029	5029A	13-17-6	123A	13-10321-38	108	13-14085-13	108	13-14085-161	108	13-16247-3	116
13-0098	757	13-0033187-031	5029A	13-17-6(Sears)	123A	13-10321-39	108	13-14085-14	172A	13-14085-162	123AP	13-16570-1	159
13-0099	5800	13-0033187-032	5005A	13-18-4	HiDiv-2	13-10321-41	229	13-14085-15	123A	13-14085-163	123AP	13-16570-1A	159
13-004531-001	171	13-0033187-033	5035A	13-19-4	HiDiv-2	13-10321-42	112	13-14085-15A	128	13-14085-164	123AP	13-16570-2	159
13-0012002-00X	109	13-0033187-035	5046A	13-20-4	HiDiv-2	13-10321-43	108	13-14085-16	107	13-14085-165	123AP	13-16570-2A	159
13-0012003-00X	109	13-0033187-036	5027A	13-21-4	HiDiv-1	13-10321-44	108	13-14085-17	107	13-14085-166	123AP	13-16570-3	159
13-0014086-183	123AP	13-0033187-037	5038A	13-24-6	712	13-10321-47	229	13-14085-18	102A	13-14085-168	222	13-16607-1	127
13-0017596-002	519	13-0033187-038	5016A	13-26-6	718	13-10321-49	612	13-14085-23	102A	13-14085-169	152	13-16608-1	127
13-0017596-010	519	13-0033187-039	5013T1	13-27-6	711	13-10321-50	395	13-14085-24	108	13-14085-170	85	13-16744-1	108
13-0018924-001	5400	13-0033187-040	5010A	13-27-6(Sears)	711	13-10321-51	108	13-14085-25	158	13-14085-171	123AP	13-16744-2	123A
13-0018924-002	5401	13-0033187-041	5011A	13-28-6	706	13-10321-52	108	13-14085-26	729	13-14085-172	243	13-17174-1	125
13-0018924-003	5400	13-0033187-045	5015A	13-28-6(Sears)	706	13-10321-53	112	13-14085-27	108	13-14085-173	244	13-17174-2	125
13-0018924-004	5400	13-0033595-001	123A	13-29-6	712	13-10321-58	127	13-14085-28	160	13-14085-174	222	13-17174-3	125
13-0018924-005	5400	13-0033595-002	123A	13-29-6(Sears)	712	13-10321-60	616	13-14085-29	124	13-14085-175	108	13-17174-4	156
13-0018924-006	5404	13-0033595-003	123A	13-30-6	706	13-10321-61	229	13-14085-30	124	13-14085-176	261	13-17174-5	125
13-0018924-007	5404	13-0033597-002	123AP	13-40-6	715	13-10321-62	616	13-14085-31	126A	13-14085-177	262	13-17204-1	177
13-0018924-008	5400	13-0037905-1	615A	13-41-6	790	13-10321-63	5025A	13-14085-32	126A	13-14085-179	290A	13-17557-1	116
13-0022017-00X	177	13-0039099-001	152	13-42-6	714	13-10321-64	395	13-14085-33	126A	13-14085-180	85	13-17569-1	120
13-0022154-00X	610	13-0039099-002	152	13-42-6	714	13-10321-65	395	13-14085-34	123A	13-14094-1	109	13-17569-2	120
13-0022322-00X	5019A	13-0039099-003	152	13-42-6	714	13-10321-66	395	13-14085-35	102A	13-14094-2	109	13-17569-3	120
13-0022335-00X	501A	13-0039099-004	152	13-42-6	714	13-10321-67(EBC)	107	13-14085-36	102A	13-14094-3	109	13-17569-4	519
13-0022463-00X	116	13-0039114-003	123AP	13-52-G	722	13-10321-68	616	13-14085-41	85	13-14094-4	109	13-17569-5	519
13-0022463-01X	116	13-0039860-001	116	13-53-G	909	13-10321-69	112	13-14085-42	229	13-14094-6	125	13-17569-6	519
13-0022609-00X	177	13-0039970-001	159	13-56-6	738	13-10321-70	395	13-14085-49	199	13-14094-8	110MP	13-17569-5	519
13-0022619-00X	519	13-0041122-002	125	13-57-6	738	13-10321-70(FET)	454	13-14085-50	123A	13-14094-9	109	13-17569-6	519
13-0022620-00X	519	13-0041122-003	125	13-58-6	804	13-10321-71	229	13-14085-52	85	13-14094-11	109	13-17569-7	519
13-0023013-02X	229	13-0041122-005	125	13-59-6	804	13-10321-72	108	13-14085-53	85	13-14094-12	116	13-17569-8	519
13-0023017-02X(ECB)	229	13-0041123-002	125	13-60-6	722	13-10321-73	108						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
13-18642-3A.....	179	13-23517-2.....	152	13-29432-1.....	123A	13-32362-1.....	123AP	13-34046-5.....	291	13-39819-2.....	153	13-67539-1/3464.....	166
13-18642-3B.....	179	13-23518-2.....	153	13-29437-1.....	191	13-32364-1.....	159	13-34047-1.....	187	13-39851-1.....	194	13-67544-1.....	136A
13-18642-20.....	179(2)	13-23519-2.....	152	13-29600-1.....	5014A	13-32366-1.....	229	13-34047-2.....	187	13-39860-1.....	116	13-67544-1/3464.....	136A
13-18642-21.....	179(2)	13-23543-1.....	124	13-29600-2.....	5018A	13-32366-2.....	108	13-34047-3.....	187	13-39884-1.....	152	13-67583-5.....	108
13-18654-1.....	103A	13-23543-3.....	124	13-29656-1.....	118	13-32366-3.....	123AP	13-34047-4.....	292	13-39884-2.....	152	13-67583-6.....	123A
13-18671-1.....	102A	13-23594-1.....	130	13-29663-1.....	506	13-32630-2.....	192	13-34056-1.....	177	13-39953-1.....	198	13-67583-6/3464.....	107
13-18671-1A.....	102A	13-23707-3.....	123AP	13-29687-2.....	177	13-32630-3.....	123AP	13-34057-1.....	116	13-39970-1.....	159	13-67585-4.....	123A
13-18671-1B.....	102A	13-23707-5.....	123AP	13-29775-1.....	172A	13-32630-4.....	192	13-34089-2.....	157	13-40083-1.....	159	13-67585-4/3464.....	107
13-18671-1C.....	102A	13-23708-4.....	123AP + 159(P)	13-29775-2.....	410/172A	13-32631-1.....	159	13-34089-4.....	157	13-40083-2.....	159	13-67585-5.....	123A
13-18924-1.....	5400	13-23708-4/3624.....	159	13-29775-3.....	410/172A	13-32631-2.....	193	13-34367-1.....	159	13-40083-3.....	159	13-67585-5/2439-2.....	108
13-18924-2.....	5401	13-23713-8.....	159	13-29776-1.....	159	13-32631-3.....	159	13-34367-3.....	159	13-40142-1.....	125	13-67585-5/3464.....	123A
13-18924-3.....	5400	13-23785-1.....	102A	13-29776-1A.....	159	13-32631-4.....	193	13-34368-1.....	5802	13-40142-2.....	125	13-67585-6/2439-2.....	108
13-18924-4.....	5400	13-23822-1.....	319P	13-29776-2.....	159	13-32632-1.....	186	13-34368-2.....	5804	13-40142-3.....	125	13-67585-7/2439-2.....	123A
13-18924-5.....	5400	13-23822-2.....	319P	13-29776-3.....	159	13-32635-1.....	187	13-34369-1.....	106	13-40312-1.....	193	13-67586-3.....	123A
13-18924-6.....	5404	13-23824-1.....	319P	13-29861-1.....	177	13-32636-1.....	152	13-34371-1.....	128	13-40338-1.....	331	13-67586-3/3464.....	123A
13-18924-7.....	5404	13-23824-1(3rd IF).....	233	13-29867-1.....	177	13-32638-1.....	184	13-34372-1.....	190	13-40339-1.....	332	13-67590-1.....	177
13-18924-8.....	5400	13-23824-2.....	319P	13-29867-2.....	177	13-32640-1.....	152	13-34372-2.....	186	13-40342-1.....	327	13-67590-1/2439-2.....	109
13-18927-1.....	123A	13-23824-3.....	319P	13-29868-1.....	177	13-32642-1.....	184	13-34372-3.....	186	13-40344-1.....	373	13-67590-1/3464.....	177
13-18927-1A.....	128	13-23824-3(LAST IF).....	233	13-29847-1.....	123AP	13-33172-1.....	558	13-34373-1.....	186	13-40345-1.....	374	13-67599-3.....	102A
13-18944-1.....	100	13-23825-1.....	154	13-29874-4.....	157	13-33172-2.....	558	13-34373-2.....	187	13-40346-1.....	181	13-67599-3/2439-2.....	102A
13-18944-2.....	100	13-23826-1.....	159	13-30281-1.....	109	13-33173-1.....	462	13-34373-3.....	187	13-40347-1.....	180	13-67599-3/3464.....	158
13-18946-1.....	160	13-23826-1A.....	159	13-30103-1.....	123	13-33174.....	171	13-34374-1.....	181	13-41122-1.....	125	13-68617-1.....	123A
13-18946-2.....	160	13-23826-2.....	159	13-30103-1(SyV).....	159	13-33174-1.....	171	13-34375-1.....	312	13-41122-2.....	125	13-68617-1.....	76
13-18947-1.....	160	13-23826-3A.....	159	13-30103-1/2.....	159	13-33174-2.....	172A	13-34375-2.....	312	13-41122-3.....	125	13-68617-1.....	397
13-18948-1.....	160	13-23826-3.....	159	13-30103-2.....	159	13-33175-1.....	172A	13-34376-1.....	312	13-41122-4.....	125	13-68617-1.....	229
13-18948-2.....	160	13-23826-3A.....	159	13-30103-3.....	113A	13-33175-2.....	172A	13-34378-2.....	312	13-41122-5.....	125	13-82103-1.....	229
13-18949-1.....	108	13-23840-1.....	128	13-30103-4.....	108	13-33175-3.....	172A	13-34378-3.....	312	13-41123-1.....	125	13-82103-2.....	229
13-18950-1.....	108	13-23840-2.....	128	13-30103-5.....	161	13-33176-1.....	171	13-34381-1.....	199	13-41123-2.....	125	13-82166.....	5010A
13-18951-1.....	126A	13-23841-1.....	177	13-30103-6.....	116	13-33177-1.....	613	13-34381-2.....	199	13-41123-3.....	125	13-82359-1.....	5033A
13-18951-2.....	126A	13-23842-1.....	233	13-30103-7.....	229	13-33178-1.....	193	13-34684-1.....	181	13-41123-4.....	125	13-82540.....	123AP
13-19776-1.....	159	13-25702-M9.....	123AP	13-30103-7(METAL).....	161	13-33179-1.....	5099A	13-34706-1.....	331	13-41542-1.....	5602	13-82540-1.....	123AP
13-21608-1.....	127	13-25702-M92.....	123AP	13-30103-8.....	69	13-33179-2.....	145A	13-34707-1.....	332	13-41542-2.....	5605	13-82552.....	291
13-22017-0.....	177	13-25802-M9.....	159	13-30103-8(METAL).....	161	13-33179-3.....	140A	13-34707-2.....	196	13-41542-3.....	5605	13-82556-1.....	159
13-22017-0/3626.....	177	13-25802-M92.....	159	13-30103-9.....	159	13-33179-4.....	5079A	13-34707-3.....	197	13-41542-4.....	5605	13-82556-1.....	159
13-22154-0.....	610	13-26009-1.....	161	13-30103-10.....	123AP	13-33179-5.....	142A	13-34901-1.....	5614	13-41628-1.....	186	13-82556-1.....	159
13-22154-0/3626.....	614	13-26377-1.....	135	13-30103-11.....	287	13-33179-6.....	5097A	13-34940-1.....	159	13-41628-2.....	186	13-82556-1.....	159
13-22154-500.....	610	13-26377-2.....	151	13-30103-12.....	123AP	13-33179-7.....	5082A	13-35059-1.....	712	13-41628-3.....	187	13-82556-1.....	159
13-22154-500.....	5074A	13-26386-1.....	159	13-30103-13.....	192	13-33179-8.....	5086A	13-35059-2.....	228A	13-41629-1.....	284	13-82556-1.....	159
13-22154-500.....	5074A	13-26386-2.....	159	13-30103-14.....	123AP	13-33179-9.....	5086A	13-35059-3.....	228A	13-41629-2.....	284	13-82556-1.....	159
13-22452-0.....	116	13-26386-3A.....	159	13-30103-15.....	152	13-33179-10.....	135A	13-35089-1.....	228A	13-41629-3.....	284	13-82556-1.....	159
13-22461-1.....	116	13-26386-2A.....	159	13-30103-16.....	152	13-33179-11.....	142A	13-35089-2.....	228A	13-41629-4.....	284	13-82556-1.....	159
13-22463-0.....	116	13-26386-3.....	159	13-30103-17.....	187A	13-33179-12.....	142A	13-35089-3.....	228A	13-41629-5.....	284	13-82556-1.....	159
13-22463-1.....	116	13-26386-4.....	159	13-30103-18.....	379	13-33180-1.....	188	13-35226-1.....	123AP	13-41629-6.....	284	13-82556-1.....	159
13-22463-1/3626.....	116	13-26386-5.....	159	13-30103-19.....	107	13-33181-1.....	389	13-35226-2.....	157	13-41629-7.....	284	13-82556-1.....	159
13-22463-2.....	116	13-26386-6.....	159	13-30103-20.....	107	13-33181-2.....	389	13-35257-1.....	198	13-41629-8.....	284	13-82556-1.....	159
13-22463-2.....	116	13-26386-7.....	159	13-30103-21.....	107	13-33181-3.....	389	13-35257-2.....	198	13-41629-9.....	284	13-82556-1.....	159
13-22581.....	123A	13-26577-1.....	161	13-30103-22.....	123AP	13-33182-1.....	162	13-35324-1.....	265	13-41629-10.....	284	13-82556-1.....	159
13-22581-1.....	123A	13-26577-2.....	161	13-30103-23.....	123AP	13-33182-2.....	162	13-35324-2.....	265	13-41629-11.....	284	13-82556-1.....	159
13-22582-1.....	159	13-26577-3.....	161	13-30103-24.....	294	13-33182-3.....	5099A	13-35324-3.....	265	13-41629-12.....	284	13-82556-1.....	159
13-22582-1A.....	159	13-26577-4.....	161	13-30103-25.....	293	13-33182-4.....	5099A	13-35324-4.....	265	13-41629-13.....	284	13-82556-1.....	159
13-22606-0.....	177	13-26614-1.....	156	13-30103-26.....	192	13-33182-5.....	5099A	13-35324-5.....	265	13-41629-14.....	284	13-82556-1.....	159
13-22606-0/3626.....	519	13-26666.....	128	13-30103-27.....	287	13-33182-6.....	5099A	13-35324-6.....	265	13-41629-15.....	284	13-82556-1.....	159
13-22609-0.....	177	13-26666-1.....	128	13-30103-28.....	123AP	13-33182-7.....	5099A	13-35324-7.....	265	13-41629-16.....	284	13-82556-1.....	159
13-22680-1.....	312	13-27050-1.....	103	13-30103-29.....	108	13-33182-8.....	5099A	13-35324-8.....	265	13-41629-17.....	284	13-82556-1.....	159
13-22692-1.....	312	13-27404-1.....	123AP	13-30103-30.....	290A	13-33182-9.....	5099A	13-35324-9.....	265	13-41629-18.....	284	13-82556-1.....	159
13-22692-2.....	312	13-27404-2.....	123A	13-30103-31.....	290A	13-33182-10.....	5099A	13-35324-10.....	265	13-41629-19.....	284	13-82556-1.....	159
13-22739-1.....	121MP	13-27432-1.....	194	13-30103-32(EOC).....	294	13-33182-11.....	5099A	13-35324-11.....	265	13-41629-20.....	284	13-82556-1.....	159
13-22739-Blue.....	121MP	13-27432-2.....	123AP	13-30103-33(EOC).....	293	13-33182-12.....	5099A	13-35324-12.....	265	13-41629-21.....	284	13-82556-1.....	159
13-22739-Br.....	121MP	13-27432-3.....	123A	13-30103-34.....	198	13-33182-13.....	5099A	13-35324-13.....	265	13-41629-22.....	284	13-82556-1.....	159
13-22739-Gr.....	121MP	13-27443-1.....	128	13-30103-35.....	389	13-33182-14.....	5099A	13-35324-14.....	265	13-41629-23.....	284	13-82556-1.....	159
13-22739-OR.....	121MP	13-27532-2.....	128	13-30103-36.....	198	13-33182-15.....	5099A	13-35324-15.....	265	13-41629-24.....	284	13-82556-1.....	159
13-22739-Red.....	121MP	13-27574-1.....	157	13-30103-37.....	123AP	13-33182-16.....	5099A	13-35324-16.....	265	13-41629-25.....	284	13-82556-1.....	159
13-22739-Yel.....	121MP	13-27574-2.....	157	13-30103-38.....	29A	13-33182-17.....	5099A	13-35324-17.....	265	13-41629-26.....	284	13-82556-1.....	159
13-22741.....	121	13-28222-1.....	183	13-30103-39.....	198	13-33182-18.....	5099A	13-35324-18.....	265	13-41629-27.....	284	13-82556-1.....	159
13-22741-1.....	121MP	13-28222-2.....	182	13-30103-40.....	128	13-33182-19.....	5099A	13-35324-19.....	265	13-41629-28.....	284	13-82556-1.....	159
13-22741-2.....	121MP	13-28222-3.....	182	13-30103-41.....	128	13-33182-20.....	5099A	13-35324-20.....	265	13-41629-29.....	284	13-82556-1.....	159
13-22741-Br.....	121MP	13-28222-4.....	182	13-30103-42.....	128	13-33182-21.....	5099A	13-35324-21.....	265	13-41629-30.....	284	13-82556-1.....	159
13-22741-Blue.....	121MP	13-28336-1.....	185	13-30103-43.....	128	13-33182-22.....	5099A						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
13-3017148-1	5351	14-000516-04	5412	14-557-10	102A	14-602-51	158	14-850-12	161	14A13P	121	15-085027	109
13-3017148-2	5424	14-000521-03	3020	14-569-09	160	14-602-52	103A	14-851-12	161	14A14	121	15-085032	109
13-3017149-001	123AP	14-000873-32	159	14-573-10	121	14-602-54	159	14-852-12	123A	14A14-7	121	15-085033	125
13-3017149-1	123AP	14-000935-12	189	14-574-10	121	14-602-54A	159	14-853-23	123A	14A14-7B	121	15-085037	109
13-3017150-001	159	14-000935-12	188	14-575-10	123A	14-602-55A	192	14-854-12	123A	14A15	121	15-085038	113A
13-3017151-59		14-000936-32	287	14-577-10	102A	14-602-55A	123A	14-855-32	159	14A15L	121	15-085039	113A
13-3017629-001(ECB)	399	14-000937-23	291	14-578-10	121	14-602-56	159	14-856-23	159	14A16	121	15-085040	116
13-3017629-1(EB)	399	14-000940-01	130	14-579-10	121	14-602-56A	159	14-857-12	159	14A17-5	121	15-085041	125
13-3017630-001	5152A	14-000941-01	130	14-580-01	160	14-602-57	129 + 128(CP)	14-857-79	159	14A17	121	15-085043	116
13-3017630-1	5152A	14-000943-12	108	14-581-01	160	14-602-58	159	14-858-12	123A	14A17-1	121	15-085047	113A
13-3017783-001	125	14-000944-12	190	14-582-01	126A	14-602-58A	159	14-861-12	106	14A18	121	15-085061	109
13-3017783-1	125	14-0072-1(Philco)	116	14-583-01	123A	14-602-59	128	14-862-23	123A	14A19	121	15-085062	159
13-3017854-1	553	14-0072-2(Philco)	116	14-584-01	102A	14-602-60	129	14-863-32	123A	14A19G	121	15-088002A	159
13-3019540-001	159	14-0086-1(Philco)	116	14-585-01	160	14-602-61	123A	14-863-23	159	14A75K	2V075	15-088003	107
13-3019540-1	159	14-0086-1	129	14-586-01	104	14-602-62	123A	14-864-12	123A	14A95K	2V095	15-088004	108
13-3031003-1	13	14-0104-1	152	14-587-01	160	14-602-63	199	14-864-23	159	14A115K	2V115	15-1	123A
13-3031621-1	3017	14-0104-2	153	14-588-01	160	14-602-64	23A	14-865-12	123A	14A130K	2V130	15-2	123A
13-3404704	292	14-0104-3	129	14-589-01	121	14-602-65	129	14-866-32	123A	14A150K	2V150	15-3	159
13-4800869-145	129	14-0104-4	28	14-590-01	121	14-602-66	129	14-867-32	159	14A250K	2V250	15-4	159
13-4800869-256	6401	14-0104-5	172A	14-591-01	160	14-602-67	175	14-900-12	191	14A275K	2V275	15-5	159
13-4800869-525	123AP	14-0104-6	5066A	14-593-01	6400B	14-602-68	159	14-901-12	171	14A300K	2V300	15-6R52	720
13-4800869-401	326	14-0104-7	123A	14-593-03	6400B	14-602-69	123A	14-901-23	152	14A420K	2V420	15-9C19	5100A
13-4882256-303	5069A	14-0104-8	123A	14-600-01	160	14-602-70	192	14-903-23	152	14A480K	2V480	15-10A7	110MP
13-4882256-312	5077A	14-0104-9	123A	14-600-02	160	14-602-71	193	14-904-12	191	14A674(FORD)	1396	15-20A90	110MP
13-4882256-314	145A	14-0104-10	123A	14-600-04	160	14-602-72	128	14-905-23	152	14B348-003	523/3306	15-20A-90M	109
13-4882256-318	5018A	14-10	109	14-600-11	160	14-602-73	129	14-906-13	184	14B348-1	523/3306	15-23E06	747
13-4882256-320	146A	14-19-273	541	14-600-13	160	14-602-74	129	14-907-13	184	14B348-2	523/3306	15-30	159
13-4882256-333	5002A	14-19-275	548	14-600-15	160	14-602-75	193	14-908-23	152	14B348-3	523/3306	15-40	159
13-4882256-359	148A	14-19-276	541	14-600-19	160	14-602-76	198	14-910-13	184	14B348-4	523/3306	15-50	159
13-4882256-813	116	14-19-725	548	14-600-20	160	14-602-77	107	14-911-13	184	14B348-5	523/3306	15-166N	107
13-4882525-707	5800	14-501-01	113A	14-600-22	160	14-602-77B	107	14-1007-00	705A	14D18L	2V010	15-875-075-001	159
13-4882732-304	5944	14-501-02	113A	14-601-01	121	14-602-78	129	14-2000-01	172A	14D22L	2V014	15-875-075-003	123A
13-4883461-512	146A	14-503-01	114	14-601-02	179	14-602-79	129	14-2000-02	172A	14D22L	2V015	15-1002-1	809
13-4883461-518	5077A	14-503-02	114	14-601-03	121	14-602-79A	129	14-2000-03	172A	14D27L	2V017	15-1231-4	503
13-4883461-535	5137A	14-503-03	114	14-601-04	121	14-602-80	123A	14-2000-04	172A	14D33K	2V020	15-2609-1	809
13-3017148002	5424	14-503-04	114	14-601-05	121	14-602-81	123A	14-2000-05	172A	14D39K	2V025	15-3184-1	801
13-4800869145	129	14-503-05	114	14-601-06	121	14-602-82	129	14-2000-06	172A	14D47K	2V030	15-3352-1	820
13A(Zener)	5022A	14-504-01	109	14-601-07	121	14-602-83	123A	14-2002-01	312	14D56K	2V035	15-3793	797
13B(Zener)	5022A	14-504-04	114	14-601-08	104	14-602-84	159	14-2007-00	705A	14D68K	2V040	15-3795	740A
13B01475	5084A	14-507-01	177	14-601-09	121	14-602-89	123A	14-2007-00B	707	14D82K	2V050	15-7142C-1	722
13-3014935-000	506	14-509-01	142A	14-601-10	130	14-602-90	159	14-2007-01	707	14D100K	2V060	15-10062-0	128
13-3015230-000	5009A	14-509-02	135A	14-601-11	121	14-602-90B	159	14-2007-02	705A	14DK201	2V130	15-14471-1	1085
13-3015234-000	511A	14-601-12	130	14-601-12	130	14-602-90B	159	14-2007-03	707	14DK220	2V014	15-14471-4	828
13-302222-000	123A	14-601-13	130	14-601-13	130	14-603-01	128	14-2007-04	705A	14DK241	2V150	15-14471-5	722
13-3023251	159	14-601-14	162	14-601-14	162	14-603-02	161	14-2008-01	708	14DK270	2V017	15-14471-6	743
13-3023440-000	396	14-601-15	130	14-601-15	130	14-603-02A	128	14-2009-01	814A6	14DK330	2V020	15-14471-7	824
13-3023584	286	14-601-16A	130	14-601-16A	130	14-603-03	123A	14-2010-01	713	14DK391	2V250	15-14471-8	824
13-3023584-000	298	14-601-17	130	14-601-17	130	14-603-04	123A	14-2010-02	713	14DK560	2V035	15-14471-9	788
13-3025656-000	157	14-601-18	394	14-601-18	394	14-603-05	107	14-2011-01	779A	14DK820	2V050	15-14471-11	1003
13-3026304-000	316	14-601-19	180	14-601-19	180	14-603-05-2	107	14-2012-01	801	14I4-180	175	15-14471-12	1470
13B2(Zener)	5022A	14-514-03/53	506	14-601-20	390	14-603-06	107	14-2014-01	815	14J2	116	15-14471-13	801
13B14736-1	5077A	14-514-04	110MP	14-601-21	390	14-603-07	128	14-2052-23	172A	14J2F	116	15-14471-14	824
13B14741-00	5077A	14-514-04/64	110MP	14-601-22	390	14-603-08	161	14-2053-23	172A	14L0035	2001	15-14471-15	1512
13B14742-01	143A	14-514-05	109	14-601-23	390	14-603-09	161	14-2054-01	731	14LN033	1060	15-14471-16	1397
13B14746-01	5077A	14-514-05/55	109	14-601-24	390	14-603-10	123A	14-2056-01	OBS-NLA	14LN034	1181	15-14471-17	2004
13B14747-00	5079A	14-514-06	109	14-601-25	165	14-603-11	123A	14-2058-01	747	14L0007	1003	15-14471-18	788
13B14758-01	509A	14-514-07	506	14-601-26	181	14-603-12	108	14-32430	102A	14MMV69	102A	15-14471-21	1387
13B2392-00	219	14-514-07/57	506	14-601-27	165	14-603-13	161	14-40325A	130	14P2	116	15-14471-22	1226
13B23947-00	799	14-514-08	109	14-601-28	123A	14-603-14	131 + 155(CP)	14-40363A	130	14T4	5408	15-14471-24	1245
13B24918-00	6401	14-514-08/58	109	14-601-29	123A	14-604-01	121	14-40369A	130	14Z6AF	5068A	15-14471-26	778A
13BKJ1(GE)	119	14-514-09	109	14-602-04	102A	14-604-08	121	14-40421A	130	14Z6F	5068A	15-14471-28	1386
13D4	116	14-514-10	109	14-602-05	102A	14-607-29	129	14-40464A	130	15-0009-05	196	15-14504-1	794
13DD02F	140A	14-514-10/60	109	14-602-05A	102A	14-607-29A	129	14-40465A	130	15-008-1	106	15-26587	703
13J2	116	14-514-11	110MP	14-602-06	158	14-608-01	184	14-40466A	130	15-0035059-001	712	15-26587-1	703
13J2F	116	14-514-11/61	110MP	14-602-07	158	14-608-02	184	14-40471	130	15-0035059-002	712	15-31015-1	1022
13N1(Zener)	5022A	14-514-12	519	14-602-08	158	14-608-02A	196	14-40934-1	130	15-0041627-001	821	15-31015-7	712
13N2(Zener)	5022A	14-514-12/62	506	14-602-09	158	14-608-03	184	14-82518	966	15-0041627-002	821	15-31015-8	615A
13P1	116	14-514-13	110MP	14-602-10	103A + 158(CP)	14-608-04	184	14-4882466-813	116	15-0041764-001	822	15-31015-9	1115A
13P2	177	14-514-13/63	110MP	14-602-10	102A	14-608-05	152	14-514 66	506	15-0041764-002	822	15-31015-10	712
13P2(Resistor)	125	14-514-14	506	14-602-11	159	14-609-01	191	14-514 74	506	15-0043312-001	820	15-31015-12	712
13PS035	5534A	14-514-14/64	506	14-602-11A	159	14-609-01A	191	14-514 75	116	15-0043312-002	820	15-33201	712
13PS135	5534A	14-514-15	177(2)	14-602-12	123A	14-609-02	171	14-515 28	5082A	15-0043705-001	4011B	15-33201-1	712
13PS235	5534A	14-514-16	110MP	14-602-13	123A	14-609-02A	191	14-515 29	151A	15-0045184-1	4024B	15-33201-2	712
13PS335	5534A												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
15-39075-1	738	15-123243	125	15-3025045-1	863	15F8	5808	16C20B	5524	17-12089-1	9951
15-39207-1	808	15-123296	177	15-3025046-1	1623	15F10	5809	16C20C	5524	17-12096-1	909
15-39208-1	808	15-123297	506	15-3025047-1	1709	15G4B41	5324	16C25B	5527	17-12097-1	910
15-39209-1	791	15-123298	503	15-3025048-1	1314	15G101K	2V075	16C30C	5527	17A4422-1	121
15-39600-1	794	15-123299	116	15-3025049-1	1314	15G121K	2V075	16C30B	5527	17C(IC)	1047
15-39600-2	794	15-123300	116	15-3025050-1	1625	15G151K	2V095	16C30C	5527	17C/D368(IC)	1047
15-39600-3	794	15-123301	138A	15-3025051-1	1730	15G180K	2V010	16C35B	5527	17P2	177
15-40140-1	966	15-123302	186A	15-3025052-1	1701	15G181K	2V010	16C35C	5527	17-RLB	234
15-40140-2	966	15-123303	187A	15-3025053-1	1359	15G201K	2V130	16C40B	5527	17S08	6358
15-40183-1	801	15-123325	116	15-3025055-1	1702	15G220K	2V014	16C40C	5527	17S08R	6359
15-41545-1	794	15-123431	123AP	15-3025056-1	1723	15G240K	2V015	16C45B	5529	17S10	6358
15-41545-2	794	15-123432	5009A	15-3025057-1	1611	15G241K	2V150	16C45C	5529	17S10R	6359
15-41545-3	794	15-123433	552	15-3025058-1	1360	15G270K	2V017	16C50B	5529	17T4	5409
15-41627-1	821	15-160007	5071A	15-3025059-1	2204	15G330K	2V020	16C50C	5529	17T81	5522
15-41627-2	821	15-377700-1	792	15-3025061-1	872	15G390K	2V025	16C60B	5529	17T82	5524
15-41764	822	15-392007-1	808	15-3025063-1	2206	15G391K	2V250	16C60C	5529	17TB3	5527
15-41764-1	822	15-505753-2	911	15-3025064-1	1671	15G431K	2V275	16C70B	5531	17TB4	5527
15-41764-2	822	15-505753-3	911D	15-3025065-1	1674	15G470K	2V030	16C70C	5531	17TB5	5529
15-41856-1	795	15-518430-133	829	15-3025067-1	1553	15G471K	2V300	16C80B	5531	17TB6	5529
15-43098-1	819S	15-714201	722	15-3025068-1	1701	15G560K	2V035	16C80C	5531	17TB7	5531
15-43251-1	747	15-2221011	102A	15-3025069-1	1614S	15G680K	2V040	16E1330(GE)	123A	17TB8	5531
15-43251-2	747	15-3010926-01X	788	15-3025070-1	1713S	15G681K	2V040	16F10	5892	17Z6	136A
15-43312-1	820	15-3010929-01X	743	15-3025071-1	871	15G6820K	2V050	16F15	5896	17Z6A	136A
15-43312-2	820	15-3011135-01X	4011B	15-3025072-1	1703	15G821K	2V480	16F20	5896	17Z6F	136A
15-43312-3	820	15-3011286-01X	987	15-3025073-1	1634	15H3P	5854	16F30	5900	18-085001	116
15-43636	1231	15-3011297-01X	928M	15-3025074-1	1635	15H3PN	5855	16F40	5900	18-085002	142A
15-43636-1	1231	15-3013896-01X	4013B	15-3025075-1	1635	15J2	116	16F50	5904	18-22-17	116
15-43637-1	1289	15-3015129-001	797	15-3025076-1	1597	15J2F	116	16F60	5904	18-48A	123A
15-43638-1	730	15-3015129-1	797	15-3025077-1	1708	15J4B41	532S	16F80	5928	18-177-1	175
15-43703	738	15-3015130-001	740A	15-3025078-1	1357	15KR120A	6163	16F100	5910	18-198-2	124
15-43703-1	738	15-3015130-1	740A	15-3025079-1	1593	15M45(Zener)	5024A	16FR5	5893	18-605	912
15-43704-1	4029B	15-3015131-003	1374	15-3025081-1	945	15M45(Zener)	5024A	16FR10	5897	18-605-R0	912
15-43705-1	4011B	15-3015131-004	1374	15-3025082-1	1689	15M45(Zener)	5024A	16FR20	5897	18-607-2	85
15-43706-1	4093B	15-3015131-005	1376	15-3025083-1	1595	15M45(Zener)	5024A	16FR40	5901	18-3539-1	128
15-45141-1	4011B	15-3015131-006	1374	15-3025085-1	1707	15N1	116	16FR60	5905	18-0831T01	5313
15-45184-1	4024B	15-3015131-1	1374	15-3025086-1	865	15N2(Power)	5874	16FR80	5909	18-0831T01	5313
15-45185-1	4016B	15-3015131-2	1374	15-3025087-1	1720	15N3(Power)	5874	16F100	5911	18-0831T01	5313
15-45186-1	987	15-3015131-3	1374	15-3025088-1	1583	15P2	5874	16G2	123A	18A-1-12	160
15-45300	712	15-3015131-4	1374	15-3025089-1	1631	15P2(Power)	5874	16G5	116	18A8-1-127	160
15-45300-1	712	15-3015131-5	1376	15-3025090-1	1700	15P3(Power)	5874	16G27	312	18A8-1-127	160
15-45300-2	712	15-3015131-6	1374	15-3025091-1	2202	15Q3	5844	16G28A	177	18A8-1-127	160
15-45693-1	848S	15-3015133-1	1380	15-3025092-1	1358	15S505	5800	16G1	108	18A8-1-127	160
15-45693-2	848S	15-3015133-2	1380	15-3025093-1	1712	15S1	5801	16J1	108	18A8-1-127	160
15-71420-1	722	15-30151401-1	4081B	15-3025094-1	868	15S2	5802	16J2	108	18A8-1-127	160
15-75603-1	2060	15-30151402-1	40161B	15-3025095-1	1630	15S4	5804	16J3	108	18A8-1-127	160
15-81994-1	912	15-30151407-1	977	15-3025096-1	1600	15S6	5806	16J4	108	18A8-1-127	160
15-82268	923D	15-30151567-1	74LS247	15-3025097-1	1628	15SB03S	6084	16J5	108	18A8-1-127	160
15-82268-1	923D	15-30151567-1	74LS247	15-3025098-1	2203	15SB04S	6084	16J6	108	18A8-1-127	160
15-82310-1	1908	15-30151568-1	7406	15-3025099-1	1585	15SE102	121	16K1	108	18A8-1-127	160
15-82310-2	977	15-30151568-1	7406	15-3025100-1	1705	15SI-CA3064E	783	16K2	108	18A8-1-127	160
15-82310-3	1902	15-30151569-1	4001B	15-3025101-1	1565	15SZ-RD24EB	5031A	16K3	108	18A8-1-127	160
15-82310-4	950	15-30151570-1	4098B	15-3025102-1	1670	15X364	123A	16L2	108	18A8-1-127	160
15-82596	4015B	15-30151590-1	851	15-3025103-1	1591	15X380	306	16L3	108	18A8-1-127	160
15-86312-2	962	15-30151731-2	937M	15-3025104-1	1589	15X383	295	16L5	108	18A8-1-127	160
15-86312-3	964	15-30151732	960	15-3025106-1	1715	15Y(Zener)	5024A	16L22	108	18A8-1-127	160
15-86312-6	966	15-30151732-001	960	15-3025107-1	870	15Z3	159	16L2	108	18A8-1-127	160
15-86312-7	968	15-30151732-1	960	15-3025108-1	1713	15Z6AF	5069A	16L42	123A	18A8-1-127	160
15-86312-8	958	15-30151734-001	1413	15-3025109-1	2062	15Z6F	5069A	16L43	123A	18A8-1-127	160
15-86312-10	972	15-30151734-1	1413	15-3025110-1	1636	15Z10B	5125A	16L44	123A	18A8-1-127	160
15-100001	116	15-3017045-001	1231A	15-3025111-1	1626	16(IC)	1045	16L62	123A	18A8-1-127	160
15-100002	116	15-3017045-002	1231A	15-3025114-1	1622	16-2	116	16L63	123A	18A8-1-127	160
15-100003	178MP	15-3017045-1	1231A	15-3025116-1	1714M	16-19(Symphonic)	129	16L64	107	18A8-1-127	160
15-100004	116	15-3017045-2	1231A	15-3025121-1	1718	16-20(Symphonic)	128	16M303A	6084	18A8-1-127	160
15-108001	178MP	15-3017119-001	852	15-3025124-1	1732	16-736	108	16N2(Zener)	5025A	18A8-1-127	160
15-108002	113A	15-3017119-002	852	15-3025127-1	1736	16-3006	5015A	16P2	178MP	18A8-1-127	160
15-108003	116	15-3017119-1	852	15-3025129-1	1734	16-21426	161	16P2881	172A	18A8-1-127	160
15-108004	116	15-3017119-2	852	15-3025133-1	1737	16-45202	3007	16P3367	172A	18A8-1-127	160
15-108005	116	15-3017275-001	4094B	15-3025134-1	1735	16-45202-1	3007	16P362A	172A	18A8-1-127	160
15-108006	116	15-3017275-1	4094B	15-3025136-1	1733	16-3015419-1	3021	16P362A	172A	18A8-1-127	160
15-108007	120	15-3017770	973D	15-5164320-133	829	16-3015419-2	3023	16P362A	172A	18A8-1-127	160
15-108008	177	15-3017770-1	973D	15-2221011-1	102A	16-3015812-1	3017	16P362A	172A	18A8-1-127	160
15-108008(Midland)	506	15-3017772	859	15-2221013-1	160	16-3017181-1	3022	16P362A	172A	18A8-1-127	160
15-108009	113A	15-3017772-1	859	15-2221030-1	160	16-3019323-1	3043	16P362A	172A	18A8-1-127	160
15-108010	116	15-3017775-001	965	15-2221092-1	160	16-147191229	123A	16P362A	172A	18A8-1-127	160
15-108011	116	15-3017775-1	965	15-2221102-1	160	16-171191368	123A	16P362A	172A	18A8-1-127	160
15-108012	118	15-3017815-1	865	15-2221120-1	102A	16-207190405	102A	16P362A	172A	18A8-1-127	160
15-108013	506	15-3017816-2	866	15-22211328	102A	16-501190016	125	16P362A	172A	18A8-1-127	160
15-108014	120	15-3017817-1	2203	15-22211921	160	16A(IC)	1045	16P362A	172A	18A8-1-127	160
15-108015	116(3)	15-3018303-1	2201	15-22214400	160	16A1	103	16P362A	172A	18A8-1-127	160
15-108016	116	15-3018358-1	2200	15-22214411	160	16A1(Fleetwood)	123A	16P362A	172A	18A8-1-127	160
15-108017	118	15-3025001-1	1608	15-22214435	160	16A2	103	16P362A	172A	18A8-1-127	160
15-108020	116	15-3025003-1	1615	15-22214821	160	16A2(Fleetwood)	123A	16P362A	172A	18A8-1-127	160
15-108021	116	15-3025005-1	1612	15-22214831	160	16A545-7	123A	16P362A	172A	18A8-1-127	160
15-108022	116	15-3025006-1	1607	15-22216500	102A	16A787	102	16P362A	172A	18A8-1-127	160
15-108025	177	15-3025007-1	878	15-22216600	160	16A1938	123A	16P362A	172A	18A8-1-127	160
15-108026	506	15-3025008-									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
19A115249-1	108	19A115817P1	124	19A134097P20	4023B	19B2000130-P1	160	20A480K	524V48	20S5	5834	21A040-036	158
19A115249P1	318	19A115818	181	19A134097P21	4024B	19B2000130-P2	160	20A10849	123A	20S1-TA7607-AP	1545	21A040-037	123A
19A115250	519	19A115852P1	159	19A134097P23	4027B	19B2000132-P1	102A	20AS	116	20S1-TA7607AP	1545	21A040-045	229
19A115250P1	552	19A115889-P1	128	19A134097P33	4040B	19B2000132-P2	102A	20B1M	703	20T1B	5542	21A040-046	233
19A115253-P1	123A	19A115889P1	287	19A134097P37	4044B	19B2000132-P3	102A	20B2M	703	20T2B	5543	21A040-047	233
19A115253-P2	123A	19A115889-P2	128	19A134097P52	4016B	19B2000132-P4	102A	20B3AH	703	20T3B	5545	21A040-049	129
19A115267P1	121	19A115889-P3	128	19A134097P55	4071B	19C-3	119	20B409	135A	20T4B	5545	21A040-050	129
19A115288	121	19A115910P1	123A	19A134097P62	4093B	19C300073-P1	102	20B410	135A	20T5B	5547	21A040-051	129
19A115281-P1	102	19A115913-1	9930	19A134097P208	4516B	19C300073-P2	102	20B62C11	6206	20T6B	5547	21A040-052	129
19A115300	128	19A115913-2	9951	19A134097P341	4049	19C300073-P3	102	20BLC2C41	6246#	20V-HG	102A	21A040-053	229
19A115300-1	128	19A115913-3	9932	19A134104-P1	339	19C300073-P4	102	20BS	116	20Y(Zener)	5029A	21A040-054	107
19A115300-2	128	19A115913-4	9933	19A134164-P1	363	19C300073-P5	102	20C	116	20Z6AF	138A	21A040-055	107
19A115300-P1	186	19A115913-10	9093	19A134164P2	363	19C300073-P6	102	20C1C	1075A	20Z6F	138A	21A040-056	107
19A115300-P2	186	19A115913-19	9946	19A134164-P2	363	19C300074-P2	102	20C1	5801	21-0101	123A	21A040-057	102A
19A115300P2	128	19A115913-20	9962	19A134165P1	159	19C300076-P1	116	20C1(C)	1075A	21-1	123A	21A040-058	102A
19A115300-P3	186	19A115913P2	9951	19A134171-P1	366	19C300076-P2	116	20C2	5802	21-1AA(Magnavox)	6402	21A040-059	159
19A115301-P1	100	19A115913P7	9946	19A134171-P2	480	19C300076-P3	116	20C2(C)	1075A	21-1L	123A	21A040-060	158
19A115301-P2	100	19A115913P9	9962	19A134171P2	480	19C300076-P4	116	20C3	5804	21/3	123A	21A040-061	158
19A115304-2	128	19A115913P14	9936	19A134239	366	19C300076-P5	116	20C4	5804	21/32	114	21A040-063	107
19A115315-P1	123A	19A115925-1	108	19A134239P1	480	19C300076-P6	116	20C5	5806	21-28	121	21A040-064	199
19A115315-P2	123A	19A115944P1	123A	19A134239P2	480	19C300113-P1	121	20C6	5806	21-32	126A	21A040-065	85
19A115322	112	19A115944P2	123A	19A134239P3	366	19C300114-P1	123A	20C9	5808	21-33	126A	21A040-066	199
19A115322-P1	112	19A115976P1	129	19A134242P1	368	19C300114P1	123A	20C10	5808	21-34	102	21A040-067	158
19A115328-1	123A	19A116081	177	19A134242-P1	367	19C300114P2	123A	20C11	102A	20C72	102A	21A040-068	1075A
19A115328P1	123A	19A116118-1	152	19A134243-1	367	19C300114P2	123A	20C72	102A	21-36	102	21A040-077	123A
19A115329P1	123A	19A116118-2	152	19A134243-P1	367	19C300114P3	123A	20CL2C41	6246#	21-37	102	21A040-078	123A
19A115329P2	123A	19A116118-1	152	19A134432P1	482	19C300115-1	128	20CTQ030	6087	21-806-0001	177	21A040-079	102A
19A115330	123A	19A116118P1	152	19A134433P1	485	19C300115-P1	128	20CTQ035	6087	21-806-0001-00H	177	21A040-081	158
19A115330P1	287	19A116118P2	152	19A134437P1	352	19C300128-P1	102	20CTQ40	6087	21-808-4148-006	519	21A040-082	199
19A115341P1	121	19A116159P1	69	19A134447P1	316	19C300128-P2	102	20CTQ45	6087	21-609-3595-009	177	21A040-083	199
19A115342-1	108	19A116180-7	7440	19A134489P2	339	19C300128-P3	102	20D2	125	21-810	116	21A040-091	229
19A115342-2	161	19A116180-8	7450	19A134749P1	159	19C300128-P4	102	20D2G2C11	6206	21-810-2	116	21A040-092	123A
19A115342P1	316	19A116180-11	7454	19A134959P1	123AP	19C300128-P5	102	20DK201	524V13	21A001-000	116	21A040-36	102A
19A115342-P1	123A	19A116180-18	7486	19A134960P1	159	19C300128-P6	102	20DK241	524V13	21A002	113A	21A040-37	123A
19A115342-P2	123A	19A116180-22	7405	19A700020P1	159	19C300128-P7	102	20DK391	524V25	21A002-000	113A	21A040-44	116
19A115359-P1	123A	19A116180-24	7490	19A700022P1	159	19C300128-P8	102	20DL2C41	6246#	21A004-000	506	21A040-54	229
19A115359-P2	123A	19A116180-25	7491	19A700023P1	123AP	19C300138-P4	102	20E-54-5411	5895	21A005	102A	21A040-000	160
19A115361-P1	121	19A116180-27	7492	19A700025P6	5010A	19C300138-P5	102	20F1114	5895	21A005-000	102A	21A040-001	160
19A115362-P1	123A	19A116180-29	7495	19A700028P1	552	19C300138-P6	102	20F1	5834	21A006-000	116	21A040-002	160
19A115362-P2	123A	19A116180P1	7400	19A700044P1	708	19C300162-P2	160	20F5	5912	21A007-000	116	21A050-000	160
19A115371-1	177	19A116180P2	7401	19A700047P3	552	19E15-1	9905	20F10	5916	21A008-000	116	21A050-001	160
19A115376	121	19A116180P3	7402	19A700054P1	331	19E18-1	9904	20F20	5916	21A008-001	116	21A050-004	199
19A115385-P1	121	19A116180P4	7410	19A700075P1	454	19E19-2	9903	20F30	5920	21A008-003	118	21A050-001	100
19A115410-P1	123A	19A116180P5	7420	19A700082P1	5812	19J706100P1	116	20F40	5920	21A008-008	177	21A050-000	102A
19A115410-P2	123A	19A116180P7	7440	19A700086P2	776A	19J706100P2	116	20F60	5924	21A008-016	120	21A054-000	102A
19A115440-1	108	19A116180P8	7450	19A700086P4	4558B	19J706100P2	116	20F80	5928	21A009	177	21A055-000	102A
19A115440-2	108	19A116180P11	7454	19A701789P1	987	19J706262P1	116	20F100	5932	21A009-000	109	21A062-000	106
19A115440P1	123A	19A116180P13	7470	19A701999P1	956	19P-4A82	102A	20F100	5932	21A009-002	110MP	21A064-000	121
19A115441-1	108	19A116180P15	7473	19A702015P1	123AP	19P1	177	20F030	6084	21A009-008	177	21A074-000	102A
19A115458-P1	159	19A116180P16	7474	19A702084P1	123AP	19P2	116	20F035	6084	21A009-009	177	21A079-000	116
19A115458-P2	159	19A116180P18	7486	19A1164451	708	19Q820	519	20F040	6084	21A015-001	102A	21A097-000	121
19A115460-P1	5545	19A116180P20	7404	19A115527-1	175	19Q820	519	20F045	6084	21A015-002	155	21A2	113A
19A115467-P1	105	19A116201P1	123A	19A115527-1	175	19Q820	519	20F05	5913	21A015-003	131	21A3	118
19A115527-1	175	19A116203P2	2305	19A115527-1	175	19Q820	519	20F05	5913	21A015-004	108	21A4	119
19A115527-1	175	19A116223P1	159	19A115527-1	175	19Q820	519	20F05	5913	21A015-005	103A	21A6	116
19A115527-P1	175	19A116297P3	941	19A115527-P1	175	19Q820	519	20F05	5913	21A015-006	102A	21A7	116
19A115528-P3	139A	19A116297P3-10	941	19A115528-P3	139A	19Q820	519	20F05	5913	21A015-007	159	21A11-002	601
19A115528P6	5071A	19A116297P6	941	19A115528P6	5071A	19Q820	519	20F05	5913	21A015-008A	159	21A11-062	199
19A115531-P1	127	19A116297P6	941	19A115531-P1	127	19Q820	519	20F05	5913	21A015-009	159	21A12-062	199
19A115540-P1	105	19A116325P16	5116A	19A115540-P1	105	19Q820	519	20F05	5913	21A015-009A	159	21A101-001	706
19A115546-P1	101	19A116375	153	19A115546-P1	101	19Q820	519	20F05	5913	21A015-011	159	21A101-002	711
19A115546-P2	101	19A116375P1	153	19A115546-P2	101	19Q820	519	20F05	5913	21A015-011A	159	21A101-002(Blanker)	177
19A115552P1	123A	19A116408-1	159	19A115552P1	123A	19Q820	519	20F05	5913	21A015-012	159	21A101-004	1047
19A115552P2	123A	19A116435P4	5127A	19A115552P2	123A	19Q820	519	20F05	5913	21A015-012A	159	21A101-005	1046
19A115561	121	19A116445	709	19A115561	121	19Q820	519	20F05	5913	21A015-013	123A	21A101-006	1089
19A115561-1	121	19A116445P1	708	19A115561-1	121	19Q820	519	20F05	5913	21A015-014	108	21A101-007	1048
19A115562P2	159	19A116524P2	5991	19A115562P2	159	19Q820	519	20F05	5913	21A015-016	108	21A101-008	1077
19A115569-P2	116	19A116549P1	909	19A115569-P2	116	19Q820	519	20F05	5913	21A015-018	128	21A101-009	1076
19A115591P1	123A	19A116592P1	912	19A115591P1	123A	19Q820	519	20F05	5913	21A015-019	128	21A101-010	1091
19A115591P2	123A	19A116631P1	123A	19A115591P2	123A	19Q820	519	20F05	5913	21A015-020	123A	21A101-011	1084
19A115623-P1	124	19A116642P1	5404	19A115623-P1	124	19Q820	519	20F05	5913	21A015-021	155	21A101-012	1086
19A115623-P2	124	19A116742P1	196	19A115623-P2	124	19Q820	519	20F05	5913	21A015-022	131	21A101-013	1034
19A115628-P1	160	19A116754P1	778A	19A115628-P1	160	19Q820	519	20F05	5913	21A015-025	159	21A101-014	749
19A115628-P2	160	19A116755P1	123A	19A115628-P2	160	19Q820	519	20F05					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
21A109-002	109	21A118-234	379	21M027	193	21M577	229	22RC60	5547	23-PT274-125	177	24MW263	102
21A109-003	110MP	21A118-235	54	21M028	187	21M578	123A	22RIA10	5542	23-PT275-121	161	24MW267	102
21A109-002	109	21A118-237	293	21M084	123A	21M579	123A	22RIA20	5543	23-PT276-122	108	24MW268	116
21A110-001	116	21A118-237	184	21M085	123A	21M581	159	22RIA40	5545	23-PT277-124	112	24MW269	116
21A110-002	116	21A118-255	293	21M086	123A	21M582	1124	22RIA60	5547	23-PT283-122	161	24MW271	126A
21A110-003	116	21A118-281	378	21M087	199	21M584	139A	22RIA80	5548	23-PT283-124	161	24MW287	107
21A110-004	125	21A118-282	291	21M091	199	21M585	139A	22SA876HB	159	23-PT283-125	177	24MW303	126A
21A110-005	116	21A118-313	373	21M093	229	21M586	178MP	22ST-2SA1015-0	290A	23-PT284-122	160	24MW331	139A
21A110-006	116	21A118-334	116	21M094	107	21M588	722	22ST-2SA1015-0	290A	23-PT284-123	160	24MW333	123A
21A110-007	116	21A119-005	109	21M095	199	21M589	812	22ST-2SD1177C	373	23S1942	5328	24MW351	160
21A110-008	506	21A119-008	5022A	21M096	199	21M590	116	22T5	5030A	23PT-1SS151	112	24MW352	126A
21A110-009	506	21A119-009	116	21M099	229	21M594	109	22Z1	1V014	23SD-BAW62	519	24MW353	126A
21A110-010	116	21A119-010	5071A	21M37	199	21M599	722	22Z6AF	139A	23ST-2SA733Q(AU)E	290A	24MW361	107
21A110-012	552	21A119-013	116	21M60	123A	21M600	722	22Z6F	139A	23ST-2SA733Q(AU)E	290A	24MW368	126A
21A110-013	552	21A119-025	5024A	21M122	123A	21M603	199	23	123A	23ST-MPS9682J	159	24MW370	102A
21A110-014	506	21A119-029	502	21M123	123A	21M604	234	23-0003	5802	23TB1	5542	24MW372	123A
21A110-017	525	21A119-030	125	21M124	199	21M605	123A	23-0004	116	23TB2	5543	24MW384	102A
21A110-022	123A	21A119-034	502	21M125	123A	21M606	192	23-001R03A10	519	23TB3	5545	24MW441	102A
21A110-12	116	21A119-038	5018A	21M137	107	21M623	189	23-001R03AA10	519	23TB4	5545	24MW454	123A
21A111-001	177	21A119-040	605A	21M138	199	21M028	187	23-0010	116	23TB5	5547	24MW458	123A
21A111-002	601	21A119-041	136A	21M139	123A	21R05S	5980	23-0013	613	23TB6	5547	24MW460	123A
21A111-007	159	21A119-045	615A	21M140	107	21R1S	5982	23-0014	109	23Z6AF	140A	24MW461	123A
21A112-002	159	21A119-046	116	21M146	123A	21R1SC	5982	23-0015	110MP	23Z6F	140A	24MW535	107
21A112-003	193	21A119-049	5029A	21M149	107	21R2S	5982	23-0016	177	24(Sharp)	5082A	24MW593	107
21A112-004	193	21A119-064	5013A	21M150	123A	21R2SC	5986	23-0017	601	24-0009F	85	24MW594	107
21A112-006	506	21A119-068	506	21M151	107	21R3S	5988	23-0018	116	24-000451	123A	24MW595	107
21A112-007	107	21A119-073	5072A	21M152	107	21R3SC	5988	23-1	128	24-000452	128	24MW596	107
21A112-008	313	21A119-074	5074A	21M153	107	21R4S	5990	23-2	159	24-000457	123A	24MW597	107
21A112-010	161	21A119-075	116	21M154	107	21R5S	5992	23-3	159	24-00053-1	123A	24MW598	102A
21A112-013	123A	21A119-077	125	21M160	199	21R6S	5994	23-10	159	24-0003714-1	123A	24MW599	102A
21A112-015	123A	21A119-078	552	21M161	199	21R8S	5998	23-20	159	24-002	123A	24MW600	102A
21A112-017	123A	21A119-079	552	21M170	199	21R10S	6002	23-30	159	24-0010B	85	24MW601	102A
21A112-018	123A	21A119-080	519	21M171	199	21R10S	5522	23-5006	102	24-0010C	85	24MW602	125
21A112-019	85	21A119-084	519	21M178	107	21RC20	5522	23-5007	102	24-0011R	199	24MW603	109
21A112-020	85	21A119-102	5453	21M179	107	21RC30	5527	23-5009	179	24-0011R	85	24MW605	125
21A112-023	164	21A119-107	519	21M180	186	21RC40	5527	23-5014	102A	24-0019R	85	24MW607	115
21A112-025	124	21A119-108	5010A	21M181	186	21RC50	5529	23-5017	102A	24-0020R	294	24MW608	102A
21A112-029	124	21A119-123	109	21M182	107	21RC60	5529	23-5020	289A	24-001326	199	24MW609	123A
21A112-031	162	21A119-187	125	21M183	186	21RC80	5529	23-5022	289A	24-001327-1	123A	24MW613	102A
21A112-033	124	21A119-187(Damper)	506	21M184	186	21RECT-S1-1039(AU)	116	23-5022	289A	24-001354	199	24MW614	102A
21A112-036	165	21A119-189	116	21M185	128	21SZ-RD13EB1	5022A	23-5023	289A	24-198	116	24MW615	102A
21A112-045	199	21A119-190	552	21M186	123A	21Z6AF	5072A	23-5024	289A	24-602-25	123A	24MW618	131MP
21A112-046	199	21A120-001	749	21M188	107	21Z6F	5072A	23-5025	289A	24-356A	108	24MW619	116
21A112-047	159	21A120-002	1109	21M192	192	22-0028	291	23-5026	289A	24-28201	177	24MW653	107
21A112-048	187	21A120-008	712	21M193	192	22-0029	241	23-5027	289A	24A	123A	24MW654	108
21A112-049	186	21A120-009	1258	21M196	312	22-0030	292	23-5029	289A	24A1	108	24MW655	123A
21A112-050	123A	21A120-016	7400	21M200	123A	22-0031	292	23-5031	175	24-AWH	159	24MW656	107
21A112-058	199	21A120-017	7408	21M205	123A	22-001001	129	23-5031	131 + 155(CP)	24B	123A	24MW657	108
21A112-062	85	21A120-018	7415A	21M214	139A	22-001002	108	23-5033	123A	24B(Zener)	5031A	24MW658	123A
21A112-063	85	21A120-022	2001	21M224	312	22-001003	108	23-5034	176	24B(Zener)	5031A	24MW659	123A
21A112-065	159	21A120-044	1196	21M248	116	22-001004	108	23-5034W/H.S.	158	24B1	123A	24MW660	128
21A112-070	198	21A120-045	1257	21M283	118	22-001005	130	23-5035	130	24B1AH	731	24MW661	159
21A112-071	198	21A120-046	4011B	21M286	186	22-001006	123A	23-5036	427/128	24B1B	731	24MW662	152
21A112-074	194	21A120-049	1416	21M288	109	22-001007	123A	23-5038	130	24B1C	731	24MW663	128
21A112-075	159	21A120-050	1406	21M288(Transistor)	123A	22-001008	175	23-5039	128	24B2(Zener)	5031A	24MW665	110MP
21A112-084	229	21A120-051	1552	21M298(Diode)	109	22-001009	175	23-5041	130	24B3	731	24MW667	177
21A112-085	123A	21A120-052	1552	21M299	110MP	22-001010	175	23-5042	121	24B4(Zener)	5031A	24MW669	116
21A112-086	108	21A120-055	712	21M302	116	22-002001	131	23-5042	172A	24B4C	F1C024	24MW670	5073A
21A112-087	108	21A120-066	1402	21M307	139A	22-002006	102	23-5045	427/129	24B5	116	24MW671	116
21A112-088	123A	21A120-071	1133	21M312	116	22-002007	102A	23-5048	103A + 158(CP)	24E-001	116	24MW673	107
21A112-089	123A	21A120-074	1437	21M315	116	22-002008	131	23-5051	225	24E-002	112	24MW674	128
21A112-090	123A	21A120-085	9402	21M317	116	22-002009	131	23-5052	123	24E-002-C	112	24MW675	108
21A112-091	123A	21A120-099	1545	21M323	109	22-004003	109	23B201K	524V13	24E-002	112	24MW676	123A
21A112-092	123A	21A120-176	1411	21M325	110MP	22-004004	125	23B-210-025	112	24E-022	112	24MW677	128
21A112-093	159	21A120-178	1411	21M330	177	22-0107	123A	23B-210-230-2	127	24J2	177	24MW700	107
21A112-094	153	21A120-184	1464	21M345	128	22-0141	128	23B241K	524V15	24M125	199	24MW714	128
21A112-095	152	21A120-185	1416	21M355	159	22-0150	145A	23B398K	524V25	24M111	100	24MW721	116
21A112-096	124	21A120-208	1246	21M366	123A	22-0180	5077A	23B821K	524V48	24M112	102	24MW723	312
21A112-098	198	21A120-263	4035B	21M367	186	22-0220	5080A	23B11404A	123A	24M116	102	24MW725	108
21A112-099	198	21A120-269	1745	21M369	186	22-0416	525	23B114053	128	24MW127	102A	24MW725	108
21A112-100	159	21A122-062	199	21M386	116	22-0723	923	23B114054	128	24MW28	102A	24MW727	129
21A112-101	123A	21A124-066	199	21M386(pwr)	116	22-1	107	23B-210067-001	358A	24MW29	102	24MW736	312
21A112-102	123A	21A500	120	21M387	128	22-1(Zener)	5030A	23B-210067-002	358A	24MW34	102	24MW737	107
21A112-103	165	21A500-000	120	21M395	187	22-163	109	23B210679-1	118	24MW33	102	24MW739	108
21A112-104	123A	21A101014	749	21M408	199	22-1-123	177	23BSC101	116	24MW44	160	24MW739	108
21A112-107	162	21A110013	552	21M412	312	22-1-143	109	23C	1046	24MW55	180	24MW740	123A
21A112-120	399	21A112065	159	21M415	177	22-1-145	116	23C(IC)	1046	24MW57	180	24MW741	158
21A112-124	94	21A112098	198	21M416	116	22-1-147	138A	23C025B	5541	24MW60	102	24MW743	5071A
21A112-125	292	21A118047	199	21M417	116	22-1-151	613	23C025C	5541	24MW61	126A	24MW744	177
21A112-126	292	21A118193	196	2									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
24MW819	158	24T-009	199	25CD13	5987	26ST-2SC383TM	85	28 22 15	116	30FG11	6008	31-0075	158
24MW820	110MP	24T-011-001	161	26SS58LGBM	123A	26ST-JE9014C(EB)	199	28 22 21	116	30FH05	6006	31-0080	123A
24MW823	123A	24T-011-003	107	25D10	125	26T1	102	28 31 02	513	30FH05S	6007	31-0081	123A
24MW824	102A	24T011-008	108	25F1431	3200	26TB1	5522	28CPQ030	6090#	30FH1	6006	31-0082	123A
24MW825	177	24T-011-008	108	25F1465	3201	26TB2	5524	28CPQ040	6090#	30FH1S	6007	31-0083	123A
24MW826	199	24T-011-011	159	25F1466	3202	26TB3	5527	28F1803	201	30FH2	6006	31-0084	123A
24MW827	108	24T011-012	161	25F-B1F	167	26TB4	5527	28F2585	3202	30FH2S	6007	31-0085	123A
24MW828	176	24T-011-013	229	25FC13	5990	26TB5	5529	28F2586	3201	30FH3	6008	31-0097	108
24MW829	125	24T-013-003	161	25FD13	5991	26TB6	5529	28J2	116	30FH3S	6009	31-0098	107
24MW851	116	24T-013-005	108	25G5	6020	26TB7	5531	28P14	109	30FH4	6008	31-0099	199
24MW852	108	24T-016	107	25G5R	6021	26TB8	5531	28R2	5998	30FH4S	6009	31-011	177
24MW853	102A	24T016	107	25G10	6022	26Z6AF	143A	28R25	5998	30FQ030	6084	31-020	HIDiv-1
24MW854	123A	24T-016-001	108	25G10R	6023	26Z6F	143A	28S-200-91	612	30FQ035	6084	31-021	HIDiv-2
24MW855	123A	24T-016-005	108	25G20	6026	27(Zenith)	5009A	28S-200-82	177	30FQ040	6084	31-025	102
24MW856	102A	24T-016-010	107	25G20R	6027	27-226	113A	28S-200-93	5018A	30FQ045	6084	31-025-0	85
24MW857	102A	24T-016-013	108	25G40	6034	27A10446-101-11	9099	28S-200-95	1248	30GG11	6008	31-027-0	199
24MW858	177	24T-016-015	108	25G40R	6035	27A10489-101-11	199	28S-200-96	1170	30H	116	31-027-1	85
24MW860	109	24T-016-016	108	25G60	6040	27A10533	159	28S-200-97	1278	30H3	5874	31-058	123A
24MW861	177	24T021	161	25G80	6042	27C(IC)	1124	28S-200-98	451	30H3P	5874	31-070	175
24MW862	116	24T-022-001	312	25G100	6044	27C1(IC)	1124	28S-200-99	107	30H3PN	5859	31-069-0	235
24MW863	107	24T013003	107	25G12	6034	27-C226	113A	28S-200-100	85	30HB50	5340	31-073-0	373
24MW864	125	24T013005	107	25H2	123A	27D127	198	28S-200-101	289A	30HB100	5340	31-091-3	236
24MW865	108	24T016001	107	25H5	6050	27J2	177	28S-200-102	85	30HB200	5340	31-093	177
24MW867	116	24T016005	107	25H5A	6050	27P1	109	28S-200-103	611	30HB400	5342	31-094-0	295
24MW871	116	24TB1	5522	25H10	6050	27S3	74S474	28S-200-102	109	30HB600	5342	31-098-0	236
24MW874	123A	24TB2	5524	25H10A	6050	27S12	74S570	28S-200-103	5018A	30HB800	5344	31-0100	199
24MW892	102A	24TB3	5527	25H15	6054	27S13	74S571	28S-200-105	1226	30HR3N	5821	31-0101	192
24MW893	102A	24TB4	5527	25H15A	6054	27S18	74S588	28S-200-106	1087	30HR3P	5820	31-0102	193
24MW894	177	24TB5	5529	25H20A	6054	27S19	74S588	28S-200-107	1155	30J3P	5874	31-0103	108
24MW899	123A	24TB6	5529	25H25	6060	27S20	74S587	28S-200-108	221	30J3P	5878	31-0104	123A
24MW924	125	24TB7	5531	25H25A	6060	27S21	74S587	28S-200-109	107	30JG11	6010	31-0105	158
24MW953	107	24TB8	5531	25H30	6060	27S26	74S473	28S-200-110	85	30JH3	6060	31-0106	123A
24MW954	123A	24Z6AF	5074A	25H30A	6060	27S29	74S472	28S-200-111	289A	30K	116	31-0107	102A
24MW956	177	24Z6F	5074A	25H40	6060	27S30	74S472	28S-200-112	293	30MF5	6006	31-0108	390
24MW957	161	25-000453	159	25H40A	6060	27S32	74S572	28S-200-113	293	30MF10	6006	31-0115	123A
24MW958	161	25-000456-1	234	25H50	6064	27S33	74S573	28ST-2SC1213C	289A	30MF15	6006	31-0116	123A
24MW961	123A	25-000462	159	25H50A	6064	27S180	74S479	28ST-2SD467C	85	30MF20	6006	31-0123	126A
24MW964	199	25-0016	743	25H60	6064	27S181	74S479	28ST-MPS9633C	123AP	30N2	5874	31-0124	126A
24MW965	199	25-0060-4	123A	25H60A	6064	27S185	74S475	28Z6A	145A	30N3	5874	31-0132	126A
24MW967	109	25-001328	106	25H70	6068	27S-200-81	177	28Z6AF	145A	30P1	109	31-0134	126A
24MW973	158	25-5	116	25H70A	6068	27S-200-82	5018A	28Z6F	145A	30P2	5874	31-0135	126A
24MW974	117A	25-7	125(4)	25H80	6068	27S-200-84	1248	28Z6F	145A	30P3	5874	31-0139	126A
24MW975	117A	25-37833-2	909D	25H80A	6068	27S-200-85	1170	29-505	109	30Q3	5948	31-0148	102A
24MW976	159	25-100015	108	25H90	6072	27S-200-86	1194	29B1	790	30R1	5801	31-0150	160
24MW977	152	25A	108	25H90A	6072	27S-200-87	85	29B1B	790	30R3	5804	31-0151	102A
24MW978	184	25A1	108	25H100	6072	27S-200-88	289A	29B1Z	790	30R6	5804	31-0153	160
24MW988	123A	25A1-0959B(Stern)	5016A	25H100A	6072	27S-200-89	85	29B1Z	790	30R8	5804	31-0154	160
24MW989	312	25A-1-1(Stern)	151A	25H15	6020	27S1-2SA673C	290A	29B1Z	790	30R8	5804	31-0155	160
24MW990	199	25A-1-4004(Stern)	116	25H10	6022	27S1-2S871	89	29C(IC)	1089	30R10	156	31-0165	160
24MW991	126A	25A-1-4148(Stern)	519	25H15	6026	27S1-LM2682	123AP	29C2	1089	30R25	6002	31-0166	160
24MW992	123A	25A1-5275A(Stern)	5054A	25HB20	6026	27T401	100	29C2(IC)	1089	30RECT-SI-1044(AU)	116	31-0168	160
24MW994	131	25A2	123A	25HB25	6034	27T402	100	29C2(IC)	1089	30RECT-SI-1020	552	31-0170	160
24MW995	116	25A-2-1(Stern)	287	25HB30	6034	27T403	100	29C2(IC)	1089	30RH05S	6006	31-0171	160
24MW996	1021	25A-2-2(Stern)	263	25HB35	6034	27T404	102	29C2	1089	30RH1S	6006	31-0172	102A
24MW997	1024	25A-2-3(Stern)	5411	25HB40	6034	27T405	102	29-HCL	159	30RH2S	6006	31-0175	127
24MW998	139A	25A-2-3440(Stern)	396	25HB50	6040	27T406	121	29P1	134A	30RH3S	6008	31-0177	123A
24MW1022	199	25A-2-3584(Stern)	384	25HB60	6040	27T407	105	29S	138	30RH3S	6008	31-0178	126A
24MW1023	123A	25A-2-3904(Stern)	123AP	25HB65	6040	27T408	101	29S1-3SK80	455	30S05	5800	31-0180	160
24MW1024	123A	25A-2-4409(Stern)	159	25HB75	6027	27T409	103	29S2-RD11EB2	5020A	30S1	5801	31-0181	160
24MW1025	199	25A-2-5060(Stern)	5400	25HB80	6027	27T410	103	29V008M01	100	30S2	5806	31-0182	158
24MW1028	1003	25A-2-5401(Stern)	288	25HB85	6035	27T411	123	29V0038H03	102	30S3	5804	31-0183	158
24MW1029	109	25A-6-2(Stern)	5313	25HB90	6035	27T412	126A	29V011H01	100	30S4	5804	31-0184	126A
24MW1030	109	25A-70-1(Stern)	916	25HB95	6035	27T413	102	29V012H01	100	30S5	5806	31-0187	123
24MW1031	159	25A-71-2(Stern)	438P2	25HB95	6035	27Y(ZENER)	5033A	29V069C02	163A	30S6	5806	31-0188	102A
24MW1038	108	25A-74LS00(Stern)	74LS00	25HB95	6041	27Z6	144A	29V12H01	102A	30S8	5808	31-0189	102A
24MW1040	158	25A480SSR	A25480	25HBR20	6041	27Z6A	144A	30-004-001	179	30S10	5809	31-0190	126A
24MW1043	109	25A1262-005	108	25HBR25	6041	25J2	177	30-007-0	234	30S02S	6094	31-0191	126A
24MW1049	159	25A1273-001	123A	25HBR30	6041	25J2	177	30-005072	390	30S02SA	6094	31-0192	121
24MW1051	107	25A1281-001	108	25HBR35	6041	25J2	177	30-030-0	297	30S03S	6094	31-0196	121
24MW1057	107	25A-74107N(Stern)	74107	25HBR40	6041	25K10	125	30-090	184	30S03SA	6094	31-0205	102A
24MW1058	107	25AC3S	5685	25HBR50	6041	25LC12	6042	30-1-001	107	30S04S	6094	31-0206	107
24MW1059	123A	25AC3SLS	5685	25HBR60	6041	25LF11	5999	30-1-002	123A	30S04SA	6094	31-0217	126A
24MW1060	199	25AC3SR	5685	25HBR65	6041	25MEF	159	30-1-003	123A	30S05S	6094	31-0228	126A
24MW1061	159	25AC3S	5687	25HBR70	6041	25MC20	6094	30-1-004	229	30S05SA	6094	31-0229	158
24MW1065	140A	25AC3SLS	5687	25HBR75	6041	25MC25	6094	30-1-007	152	30S2-HZ5C1	5010T1	31-0230	123A
24MW1066	116	25AC5SR	5687	25HBR80	6041	25MC30	6094	30-1-008	1003	30V-HG	102A	31-0239	123A
24MW1067	109	25AC6S	5687	25HBR85	6041	25N15	145A	30-1-010	519	30V-HG	102A	31-0240	121
24MW1068	123A	25AC6S	5687	25HBR90	6041	25N27	146A	30-1-011	109	30Y(ZENER)	5035A	31-0241	160
24MW1069	123A	25AC6S	5687	25HBR95	6041	25N32	146A	30-1-012	112	31-0001	190	31-0241-1	160
24MW1071	116	25AC6S	5687	25HBR100	6041	25N32	146A	30-1-013	506	31-0002	160	31-0242	108
24MW1081	107	25AM624	108	25HBR105	6041	25NF11	6003	30-1-015	107	31-0003	160	31-0243	108
24MW1082	108	25B	108	25HBR110	6041	25T-002	107	30-1-016	199	31-0004	160	31-0246	123A
24MW1													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
31Z6A.....	5005A	33-00706A.....	123A	34-3015-49.....	107	34-6001-63.....	123A	34-6015-34.....	160	34-8047-1.....	178MP	35-001-0.....	177
32-0000.....	109	33-00742.....	129	34-5080-0021.....	109	34-6001-64.....	191	34-6015-35.....	160	34-8048-1.....	116	35-003-001.....	116
32-0001.....	109	33-016.....	159	34-5081-0035.....	519	34-6001-65.....	154	34-6015-36.....	160	34-8048-2.....	116	35-004-0.....	140A
32-0002.....	109	33-022-0.....	312	34-5082-0012.....	116	34-6001-66.....	158	34-6015-37.....	233	34-8048-5.....	116	35-010-04.....	519
32-0003.....	109	33-032-0.....	222	34-5082-0059.....	5013A	34-6001-69.....	123A	34-6015-38.....	233	34-8050-2.....	116	35-013-0.....	611
32-0004.....	109	33-048.....	128	34-5082-0077.....	5010A	34-6001-70.....	123A	34-6015-39.....	160	34-8050-7.....	116	35-014-0.....	156
32-0005.....	139A	33-050.....	175	34-5082-0086.....	5011A	34-6001-71.....	123	34-6015-40.....	160	34-8050-10.....	125	35-016-5.....	1V300
32-0007.....	110MP	33-052.....	130	34-5083-0027.....	611	34-6001-72.....	102A	34-6015-41.....	123A	34-8050-14.....	116	35-025-21.....	128
32-0008.....	109	33-070.....	123A	34-5170-0011.....	107	34-6001-73.....	123A	34-6015-42.....	159	34-8051.....	116	35-026-0.....	116
32-005-0.....	123AP	33-071.....	123A	34-5170-0066.....	237	34-6001-74.....	123A	34-6015-42A.....	123A	34-8053-2.....	118	35-026-0.....	2V150
32-006-0.....	253	33-084.....	123A	34-5171-0016.....	104	34-6001-76.....	102A	34-6015-43A.....	123A	34-8053-3.....	118	35-026-2.....	1V150
32-0013.....	109	33-086.....	159	34-5172-0011.....	123A	34-6001-77.....	123A	34-6015-44.....	123A	34-8053-4.....	118	35-026-2.....	1V150
32-0022.....	177	33-090.....	184	34-5172-0049.....	85	34-6001-78.....	128	34-6015-44A.....	102A	34-8053-7.....	118	35-026-2.....	2V025
32-0023.....	109	33-096.....	185	34-5182-0016.....	116	34-6001-79.....	121	34-6015-46.....	229	34-8054-1.....	116	35-026-2.....	116
32-0025.....	5072A	33-076.....	123A	34-6000-3.....	160	34-6001-80.....	128	34-6015-47.....	229	34-8054-2.....	116	35-026-2.....	5435
32-0026.....	116	33-2N-3644.....	159	34-6000-4.....	102A	34-6001-82.....	128	34-6015-48.....	229	34-8054-4.....	116	35-026-2.....	5406
32-0029.....	109	33-2N-3906.....	159	34-6000-5.....	102A	34-6001-83.....	128	34-6015-49.....	108	34-8054-5.....	116	35-026-2.....	5418
32-0036.....	109	33-4-3.....	358	34-6000-6.....	102A	34-6001-84.....	103A	34-6015-50.....	107	34-8054-6.....	116	35-026-2.....	125
32-0037.....	116	33-4-3A.....	358	34-6000-7.....	102A	34-6001-85.....	128	34-6015-51.....	128	34-8054-6(Philco).....	136A	35-026-2.....	125
32-0038.....	116	33-7-3.....	358	34-6000-8.....	102A	34-6001-86.....	129	34-6015-52.....	229	34-8054-7.....	116	35-026-2.....	116
32-0039.....	110MP	33-8-3.....	358	34-6000-9.....	102A	34-6002-1.....	175	34-6015-54.....	123A	34-8054-8.....	558	35-026-2.....	116
32-0042.....	116	33-1000-00.....	102	34-6000-10.....	160	34-6002-2.....	121	34-6015-59.....	154	34-8054-10.....	116	35-026-2.....	5892
32-0045.....	116	33-1002-00.....	102	34-6000-11.....	160	34-6002-3.....	121	34-6015-60.....	123A	34-8054-11.....	116	35-026-2.....	5802
32-0046.....	116	33-1002-0.....	131MP	34-6000-12.....	160	34-6002-4.....	121	34-6015-61.....	233	34-8054-12.....	116	35-026-2.....	177
32-0047.....	116	33-1004-00.....	121	34-6000-13.....	160	34-6002-5.....	121	34-6015-62.....	233	34-8054-13.....	116	35-026-2.....	125
32-0048.....	117A	33-1009-01.....	102A	34-6000-14.....	160	34-6002-6.....	121	34-6015-63.....	123A	34-8054-14.....	116	35-210631-01.....	5635
32-0049.....	140A	33-1019-00.....	102A	34-6000-15.....	102A	34-6002-7.....	121	34-6015-64.....	171	34-8054-15.....	116	35-210631-02.....	5635
32-0050.....	116	33-1021-00.....	102A	34-6000-16.....	160	34-6002-8.....	121	34-6015-80.....	123A	34-8054-16.....	558	35-39306001.....	123A
32-0057.....	177	33-1021-00.....	102A	34-6000-17.....	160	34-6002-9.....	121	34-6016-2.....	123A	34-8054-17.....	515	35-39306002.....	123A
32-0059.....	116	33-1390-1.....	HIDiv-12	34-6000-18.....	160	34-6002-10.....	121	34-6016-3.....	123A	34-8054-18.....	116	35-39306003.....	123A
32-0060.....	116	33-1390-2.....	HIDiv-12	34-6000-19.....	160	34-6002-11.....	121	34-6016-4.....	123A	34-8054-23.....	116	35-ALD.....	159
32-0060-00-03.....	341	33-1390-3.....	HIDiv-12	34-6000-20.....	160	34-6002-12.....	121	34-6016-7.....	123A	34-8054-24.....	558	35B611.....	167
32-0061.....	116	33-1390-4.....	HIDiv-12	34-6000-21.....	160	34-6002-13.....	121	34-6016-8.....	123A	34-8054-25.....	558	35B611.....	167
32-0062.....	113A	33-1390-6.....	HIDiv-12	34-6000-22.....	160	34-6002-14.....	121	34-6016-11.....	102A	34-8054-27.....	116	35C(ZENER).....	5037A
32-0063.....	177	33-1390-8.....	HIDiv-12	34-6000-27.....	102A	34-6002-17.....	104	34-6016-12.....	129	34-8055-2.....	116(3)	35C05.....	5980
32-016-0.....	123AP	33-1390-9.....	HIDiv-12	34-6000-28.....	102A	34-6002-18A.....	104	34-6016-14.....	123A	34-8055-3.....	116	35C05R.....	5981
32-1N4764A.....	5096A	33-1390-10.....	HIDiv-12	34-6000-29.....	102A	34-6002-19.....	121	34-6016-15.....	159	34-8056-1.....	119	35C10.....	5982
32-12066-10.....	160	33-1407-1.....	524V15	34-6000-30.....	102A	34-6002-20.....	104	34-6016-15A.....	159	34-8056-13(Philco).....	178MP	35C10R.....	5983
32-13843-2.....	123A	33B2(Zener).....	5036A	34-6000-31.....	102A	34-6002-21.....	104	34-6016-16.....	123A	34-8057-3.....	110MP	35C15.....	5986
32-16591.....	104MP	33C(Zener).....	5036A	34-6000-32.....	102A	34-6002-22.....	104	34-6016-17.....	108	34-8057-4.....	5076A	35C15R.....	5987
32-16599.....	121MP	33C(Zener).....	5036A	34-6000-33.....	102A	34-6002-22A.....	104	34-6016-18.....	123A	34-8057-5.....	177	35C20.....	5986
32-16537.....	109	33C(Zener).....	5037A	34-6000-34.....	102A	34-6002-24.....	127	34-6016-19.....	123A	34-8057-6.....	177	35C20R.....	5987
32-18539.....	110MP	33G59019.....	113A	34-6000-35.....	160	34-6002-26.....	124	34-6016-22.....	128	34-8057-7.....	135A	35C30.....	5988
32-20738.....	123A	33G59024.....	116	34-6000-36.....	160	34-6002-28.....	175	34-6016-23.....	129	34-8057-8.....	178MP	35C30R.....	5991
32-20739.....	159	33G59113.....	119	34-6000-37.....	160	34-6002-29.....	175	34-6016-23A.....	129	34-8057-9.....	138A	35C40.....	5990
32-23555-1.....	704	33G59121.....	116	34-6000-61.....	160	34-6002-30.....	281	34-6016-24.....	123A	34-8057-9(Philco).....	139A	35C40R.....	5991
32-23555-2.....	704	33G59122.....	116	34-6000-62.....	160	34-6002-31.....	127	34-6016-25.....	123A	34-8057-10.....	5071A	35C50.....	5992
32-23555-3.....	704	33G59123.....	116	34-6000-63.....	160	34-6002-32.....	130	34-6016-26.....	123A	34-8057-11.....	116	35C50R.....	5993
32-23555-4.....	704	33K59.....	312	34-6000-64.....	160	34-6002-33.....	130	34-6016-27.....	128	34-8057-12.....	145A	35C60.....	5994
32-29778-1.....	500A	33R.....	5082A	34-6000-65.....	160	34-6002-33.....	179	34-6016-28.....	160	34-8057-13.....	177(2)	35C60R.....	5995
32-29778-2.....	500A	33R-09.....	139A	34-6000-66.....	160	34-6002-34.....	121	34-6016-29.....	160	34-8057-14.....	142A	35C70.....	5996
32-29778-3.....	500A	33R-09.....	139A	34-6000-67.....	160	34-6002-35.....	181	34-6016-30.....	128	34-8057-15.....	119	35C70(Rec.).....	5998
32-29778-4.....	500A	33R-09.....	139A	34-6000-68.....	160	34-6002-36.....	180	34-6016-31.....	210	34-8057-16.....	138A	35C70R.....	5999
32-33057-1.....	500A	33R-09.....	139A	34-6000-69.....	160	34-6002-37.....	181	34-6016-32.....	159	34-8057-18.....	116	35C80.....	5998
32-33057-2.....	522	33-TIP-32.....	292	34-6000-70.....	123A	34-6002-38.....	180	34-6016-32A.....	129	34-8057-22.....	506	35C80R.....	5999
32-33057-3.....	500A	33Y(Zener).....	5036A	34-6000-71.....	123A	34-6002-41.....	186	34-6016-33.....	128	34-8057-23.....	109	35C90.....	6002
32-33057-4.....	500A	33Z.....	1V020	34-6000-72.....	233	34-6002-42.....	187	34-6016-34.....	194	34-8057-24.....	506	35C90R.....	6003
32-33057-5.....	500A	33Z6.....	134A	34-6000-73.....	123A	34-6002-43.....	196	34-6016-35.....	159	34-8057-25.....	109	35C100.....	6002
32-33057-6.....	500A	33Z6A.....	134A	34-6000-74.....	160	34-6002-44.....	196	34-6016-36.....	123A	34-8057-26.....	109	35C100R.....	6003
32-33094-1.....	522	34-001-0.....	109	34-6000-75.....	160	34-6002-47.....	182	34-6016-37.....	123A	34-8057-27.....	138A	35F016.....	201
32-33094-2.....	522	34-003-0.....	109	34-6000-76.....	160	34-6002-48.....	183	34-6016-50.....	102A	34-8057-27(Philco).....	139A	35H5.....	5980
32-33094-3.....	522	34-007-0.....	116	34-6000-77.....	160	34-6002-49.....	127	34-6016-51.....	192	34-8057-28.....	116	35H10.....	5986
32-33094-4.....	522	34-0012.....	358	34-6000-78.....	160	34-6002-50.....	152	34-6016-53.....	210	34-8057-29.....	109	35H10R.....	5987
32-33094-5.....	522	34-0037-102.....	177	34-6000-79.....	160	34-6002-51.....	152	34-6016-54.....	211	34-8057-30.....	109	35H20.....	5986
32-33094-6.....	522	34-016-0.....	109	34-6000-80.....	102A	34-6002-52.....	152	34-6016-56.....	194	34-8057-31.....	5080A	35H30.....	5990
32-35391-1.....	500A	34-026-0.....	116	34-6000-81.....	160	34-6002-53.....	152	34-6016-59(NPN).....	192	34-8057-32.....	136A	35H40.....	5990
32-35391-2.....	500A	34-028-0.....	109	34-6000-82.....	102A	34-6002-54.....	152	34-6016-59(PNP).....	193	34-8057-33.....	142A	35H5R.....	5981
32-35391-3.....	522	34-029-0.....	614	34-6000-83.....	102A	34-6002-55.....	153	34-6016-60.....	159	34-8057-34.....	178MP	35H10.....	5987
32-35391-4.....	522	34-030-0.....	139A	34-6000-84.....	102A	34-6002-56.....	153	34-6016-61.....	123A	34-8057-37.....	135A	35H20.....	5987
32-35391-5.....	522	34-032-0.....	519	34-6000-85.....	102A	34-6002-57.....	153	34-6016-63.....	123A	34-8057-38.....	147A	35H30.....	5991
32-35391-6.....	500A	34-033-0.....	177	34-6000-86.....	102A	34-6002-58.....	153	34-6016-64.....	234	34-8057-40.....	177	35H40.....	5990
32-35391-7.....	522	34-036-0.....	519	34-6000-87.....	102A	34-							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
36P7C	102A	37-7483(Atari)	7483	37RC30	5577	40-8900-023	2319	40HFL5S05	6006	41-0609	198	42-22539(Transistor)	106
36P7T	102A	37-7485(Atari)	7485	37RC40	5577	40-8900-048	2311	40HFL10	6006	41-0905	142A	42-22539(Diode)	119
36P8	102A	37-7486(Atari)	7486	37RC60	5577	40-8900-508	2318	40HFL10S	6006	41-0906	5066A	42-22540	109
36P8C	102A	37-7490(Atari)	7490	37RC80	5579	40-8900-806	2315	40HFL10S02	6006	41-0909	175	42-22755	108
36R2	5994	37-7492(Atari)	7492	37RC100	5579	40-8900-829	2314	40HFL10S05	6006	41B581014	128	42-22778	160
36R2S	5994	37-7493(Atari)	7493A	37RC110	5579	40-8900-922	2316	40HFL20	6006	41B581144-P001	175	42-22779	160
36RA50	5572	37-7497(Atari)	7497	37RC120	5579	40-8900-932	2317	40HFL20S	6006	41C10C	1093	42-22780	160
36RA60	5572	37-7498(Atari)	960	37-RC4136	997	40-8901-065	2304	40HFL20S02	6006	41C402	1095	42-22781	160
36RA80	5574	37-7812(Atari)	966	37REH60	5577	40-8901-090	2307	40HFL20S05	6006	41C407	1003	42-22784	160
36RA100	5574	37-7815(Atari)	966	37REH80	5579	40-8901-092	2330	40HFL30	6008	41C409	11103	42-22785	108
36RA110	5574	37-7905(Atari)	961	37REH100	5579	40-8901-229	214	40HFL30S	6008	41J2	116	42-22786	123A
36RA120	5574	37-7912(Atari)	967	37REH120	5579	40-8901-230	215	40HFL30S02	6008	41N	161	42-22787	123A
36RC10	5570	37-7915(Atari)	969	37SZ-BZ-120	142A	40-8901-302	2329	40HFL30S05	6008	41N1	108	42-22809	123A
36RC20	5570	37-9314(Atari)	8314	37SZ-RD10EB	5019A	40-8901-309	2326	40HFL40	6008	41N2	108	42-22810	123A
36RC30	5572	37-9316(Atari)	74161	37T1	126A	40-8901-321	2340	40HFL40S	6008	41N2A	108	42-22810A	159
36RC40	5572	37-9321(Atari)	8321	37-TDA2002A	1232	40-8901-327	2336	40HFL40S02	6008	41N2AA	108	42-22811	123A
36RC60	5572	37-9602(Atari)	9602	37-TLO82CP	858M	40-8901-398	2302	40HFL40S05	6008	41N2B	108	42-22812	123A
36RC80	5574	37-1401(Atari)	4011B	37Z6	136A	40-8903-042	2308	40HFL60	6010	41N2M	161	42-22834	121MP
36RC100	5574	37-14514B(Atari)	4514B	37Z6A	136A	40-8903-153	2309	40HFL60S	6010	41N3	108	42-22835	116
36RC110	5574	37-14584B	40168	38	116	40-8903-281	2328	40HFL60S02	6010	41SI-HA1128	712	42-22847	123A
36RC120	5574	37-19201	234	38-99(Trans.)	128P	40-8903-293	2332	40HFL60S05	6010	41SLM3065N	712	42-23348	123A
36REH60	5572	37-21401	199	38-8057-6	519	40-8904-243	2305	40HFLR5	6007	41Z6	5016A	42-23349	123A
36REH80	5574	37-74107	74107	38-11016	502	40-9000-293	1749	40HFLR5S	6007	41Z6A	5016A	42-23350	116
36REH100	5574	37-74107(Atari)	74107	38A64C	138A	40-9000-295	1750	40HFLR5S02	6007	42-051	1112	42-23350A	152
36REH120	5574	37-74109	74109	38A4148-000	501B	40-9000-296	1681	40HFLR5S05	6007	42-1	11119	42-23351	159
36SI-CA3065E	712	37-74109(Atari)	74109	38A4148-001	501B	40-9006-321	5424	40HFLR10	6007	42-2	11119	42-23541	159
36ST-2SB857C	55	37-74125	74125	38A5576-000	5314	40-9100-012	6085	40HFLR10S	6007	42-9029-31B	199	42-23541A	159
36T1	102	37-74125(Atari)	74125	38A5577-000	188	40-9100-016	6244	40HFLR10S02	6007	42-9029-31C	199	42-23542	107
36Z6	135A	37-74151	74151	38A5578-000	189	40-9100-234	590	40HFLR10S05	6007	42-9029-31M	123A	42-23543	107
36Z6A	135A	37-74151(Atari)	74151	38C-200-101	612	40-9101-620	6240	40HFLR20	6007	42-9029-31P	199	42-23560	107
37-8-01	358	37-74153	74153	38C-200-102	5018A	40-9102-545	6087	40HFLR20S	6007	42-9029-31Q	199	42-23960P	107
37-8-1	358	37-74153(Atari)	74153	38C-200-103	109	40-9103-020	6246	40HFLR20S02	6007	42-9029-31R	123A	42-23961	107
37-8T26	6880	37-74154	74154	38C-200-104	116	40-9103-045	6090	40HFLR20S05	6007	42-9029-31S	123A	42-23961P	107
37-8T28	6889	37-74154(Atari)	74154	38C-200-105	123A	40-9103-759	1753	40HFLR30	6009	42-9029-40C	234	42-23962	107
37-74H04(Atari)	74H04	37-74157	74157	38C-200-106	1226	40-9104-060	1753	40HFLR30S	6009	42-9029-40F	234	42-23962P	107
37-74L500(Atari)	74L500	37-74157(Atari)	74157	38C-200-107	1194	40-11253	234	40HFLR30S02	6009	42-9029-40L	123A	42-23963	107
37-74L502(Atari)	74L502	37-74160	74160	38C-200-108	1052	40-86513-3	123A	40HFLR30S05	6009	42-9029-40Y	123A	42-23963P	107
37-74L504(Atari)	74L504	37-74160(Atari)	74160	38C-200-109	451	40-102430	124	40HFLR40	6009	42-9029-40U	123A	42-23964	123A
37-74L508(Atari)	74L508	37-74161	74161	38C-200-110	107	40A100	5982	40HFLR40S02	6009	42-9029-40W	234	42-23964P	123A
37-74L510(Atari)	74L510	37-74161(Atari)	74161	38C-200-111	85	40A150	5986	40HFLR40S05	6009	42-9029-40X	159	42-23965	126A
37-74L511(Atari)	74L511	37-74163	74163	38C-200-112	85	40A200	5986	40HFLR60	6011	42-9029-40Y	123A	42-23965P	160
37-74L514(Atari)	74L514	37-74163(Atari)	74163	38C-200-113	293	40A200SSR	A40240	40HFLR60S	6011	42-9029-60W	123A	42-23966	123A
37-74L520(Atari)	74L520	37-74164(Atari)	74164	38C-200-114	289A	40A300	5988	40HFLR60S02	6011	42-9029-60D	123A	42-23967	158
37-74L527(Atari)	74L527	37-74165	74165	38C-200-115	85	40A400	5990	40HFLR60S05	6011	42-9029-60U	159	42-23967P	158
37-74L532(Atari)	74L532	37-74165(Atari)	74165	38P1C	121	40A500	5992	40HFR5	5981	42-9029-60Q	159	42-23968	121
37-74L542(Atari)	74L542	37-74174	74174	38P2	5998	40A600	5994	40HFR10	5983	42-9029-60R	159	42-23968P	121
37-74L574(Atari)	74L574	37-74174(Atari)	74174	38R2S	5998	40AS	116	40HFR15	5987	42-9029-70G	123A	42-23969	109
37-74L583(Atari)	74L583A	37-74175	74175	38R2S	5998	40B5	116	40HFR20	5987	42-9029-70D	159	42-23972	110MP
37-74L586(Atari)	74L586	37-74175(Atari)	74175	38ST-2SC1855	222	40BS	116	40HFR30	5989	42-9029-70E	159	42-23975	116
37-74L590(Atari)	74L590	37-74191	74191	38T1	102	40C	116	40HFR40	5991	42-9029-70F	123A	42-23977	5809
37-74L5107(Atari)	74L5107	37-74191(Atari)	74191	38Z6	137A	40C025	5567	40HFR50	5993	42-9029-70G	123A	42-24263	172A
37-74L5109	74L5109A	37-74192	74192	38Z6A	137A	40C05B	5567	40HFR60	5995	42-9029-70H	128	42-24387	177
37-74L5139(Atari)	74L5139	37-74192(Atari)	74192	39(Sharp)	142A	40C05D	5567	40HFR70	5999	42-9029-70K	128	42-27202	116
37-74L5153(Atari)	74L5153	37-74193	74193	39-033-2	988	40C05E	5567	40HFR80	5999	42-9029-70L	123A	42-27277	199
37-74L5157(Atari)	74L5157	37-74193(Atari)	74193	39-033-2	988	40C05F	5567	40HFR90	6003	42-9029-70Q	234	42-27278	116
37-74L5161(Atari)	74L5161A	37A-700-95	801	39-047-1	829	40C10	5567	40HFR100	6003	42-4027	116	42-27529	229
37-74L5163A(Atari)	74L5163A	37A-700-96	1052	39-059-0	1214	40C10B	5567	40HR3P	5981	42-16599	121	42-27530	229
37-74L5164(Atari)	74L5164	37A-700-97	1155	39-060-0	1260	40C15	5567	40J2	116	42-17143	102	42-27531	229
37-74L5170(Atari)	74L5170	37A-700-98	289A	39-061-0	1192	40C15B	5567	40J3	5878	42-17443A	116	42-27532	229
37-74L5174(Atari)	74L5174	37A-700-99	289A	39-077-0	834	40C20	5567	40J3B	6060	42-17444	123	42-27533	199
37-74L5175(Atari)	74L5175	37A-700-100	85	39-4400-951	1277	40C25	5568	40J3R	6061	42-18109	176	42-27536	159
37-74L5191(Atari)	74L5191	37C-200-81	293	39A69-2	177	40C25B	5568	40JZ	116	42-18111	123	42-27537	289A
37-74L5193(Atari)	74L5193	37C-200-82	5018A	39F3423	3200	40C30	5568	40K	116	42-18310	124	42-27538	153
37-74L5195(Atari)	74L5195	37C-200-84	1248	39P1C	121	40C35	5568	40KR	116	42-19642	128	42-27539	152
37-74L5244(Atari)	74L5244	37C-200-85	1170	39P1C	121	40C35B	5568	40M	116	42-19643	129	42-27541	142A
37-74L5245	74L5245	37C-200-86	1194	39P2	146A	40C40	5568	40M4 3ASZ5	5241A	42-19644	123	42-27542	601
37-74L5251	74L5251	37C-200-87	289A	39SD-1N4148	519	40C40B	5568	40MQ20	6094	42-19645	125	42-27543	109
37-74L5253(Atari)	74L5253	37C-200-88	85	39ST-2SD820	165	40C40S	5568	40MQ25	6094	42-19670	123	42-28056	123A
37-74L5259(Atari)	74L5259	37C-200-89	85	39ST-2SD898B	89	40C45	5568	40MQ30	6094	42-19671	102A	42-28057	158
37-74L5273(Atari)	74L5273	37C-500-121	85	39SZ-RD12FB	142A	40C45B	5568	40MQ40	6094	42-19681	110MP	42-28058	116
37-74L5367(Atari)	74L5367	37C-500-122	289A	39T1	102	40C50	5568	40N1	116	42-19682	160	42-28199	109
37-74L5373	74L5373	37C-500-123	85	39Y(ZENER)	5007A	40C50B	5568	40N2	116	42-19683	108	42-28201	177
37-74L5374(Atari)	74L5374	37C-500-124	293	39Z1	1V025	40C60	5568	40P1	102	42-19792	160	42-28202	116
37-74L5393	74L5393	37C-500-125	1234	39Z6	5014A	40C60B	5568	40P2	102	42-19840	123A	42-28203	108
37-74L5670(Atari)	74L5670	37C-500-126	801	39Z6A	5014A	40C70	5569	40P2(Power)	5874	42-19862	103A	42-2	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
43-023843	130	43ST-2SC535B	107	44SZ-WZ-063	5013A	46-5002-1	703	46-13153-3	1521	46-13689-3	1716	46-86201-3(Centering)	507
43-023844	128	43ST-2SC1514-05	376	44T-100-112	177	46-5002-2	703	46-13154-3	568	46-13704-3	1716	46-86201-3(Power)	516
43-023845	108	43ST-2SC1514-15	376	44T-100-113	116	46-5002-3	717	46-13162-3	1598	46-13728-3	1386	46-86202-3	107
43-023846	108	43SZ-FSC-063	5013A	44T-100-114	109	46-5002-4	703	46-13163-3	1268	46-13730-3	4052B	46-86203-3	107
43-023847	108	43SZ-YZ-063	5013A	44T-100-116	140A	46-5002-5	782S	46-13164-3	1588	46-13732-3	1477	46-86204-3	107
43-025766	123A	43SZ-YZ063	5013A	44T-100-117	136A	46-5002-6	711	46-13165-3	1601	46-13755-3	1562	46-86210-3	154
43-025767	108	43VD-09	128	44T-100-119	1104	46-5002-7	703	46-13166-3	1599	46-13763-3	1628	46-86211-3	103A
43-025834	131	43X16A567	123	44T-100-120	1155	46-5002-8	748A	46-13167-3	1594	46-13769-3	1680	46-86212-3	16
43-0203845	116	43Z6	140A	44T-100-121	229	46-5002-8B	748A	46-13168-3	1592	46-13771-3	1686	46-86213-3	121
43-540012	116	43Z6A	140A	44T-100-122	312	46-5002-9	718	46-13169-3	1584	46-13775-3	1260	46-86214-3	109
43A111449	160	44-13	126A	44T-100-123	199	46-5002-10	706	46-13171-3	1596	46-13776-3	1261	46-86220-3	113A
43A113534	177	44-530	116	44T-100-124	295	46-5002-11	790	46-13172-3	1263	46-13796-3	1636	46-86221-3	159
43A114346-1	519	44-2020-07800	506	44T-100-125	235	46-5002-12	714	46-13173-3	1087	46-13815-3	1714S	46-86222-3	138A
43A114346-P1	519	44-10146-01(Exidy)	7406	44T-100-126	123AP	46-5002-13	715	46-13174-3	1586	46-13816-3	4071B	46-86223-3	175
43A114832-3	519	44-10146-01(Exidy)	968	44T-100-127	107	46-5002-14	739	46-13175-3	1605	46-13830-3	1573	46-86224-3	502
43A126932	128	44-10551-01(Exidy)	955M	44T-100-128	199	46-5002-15	712	46-13176-3	1454	46-13839-3	1542	46-86225-3	123A
43A128340-1	123A	44-10672-01	960	44T-100-129	295	46-5002-16	780	46-13177-3	2080	46-13840-3	1681	46-86226-3	159
43A128340-2	123A	44-10673-01	968	44T-100-130	293	46-5002-17	746	46-13180-3	1216	46-13842-3	1550	46-86227-3	159
43A128340-3	123A	44-10674-01	968	44T-100-131	614	46-5002-18	747	46-13181-3	1186	46-13911-3	1741	46-86228-3	159
43A128340-4	123A	44-10682-01	74LS27	44T-300-92	139A	46-5002-19	779A	46-13183-3	1187	46-13912-3	1656	46-86229-3	123A
43A128342-1	123A	44-10684-01	74LS575	44T-300-93	140A	46-5002-20	923D	46-13188-3	1545	46-13922-3	1373	46-86230-3	154
43A128342-2	123A	44-10685-01	74LS585	44T-300-94	138A	46-5002-21	782S	46-13193-3	4069	46-13925-3	40174B	46-86231-3	184
43A128342-3	123A	44-10686-01	74LS587	44T-300-95	177	46-5002-22	740A	46-13207-3	568	46-13936-3	1673	46-86232-3	185
43A128342-4	123A	44-10687-01	74LS107	44T-300-96	109	46-5002-23	712	46-13208-3	1430	46-13951-3	74LS05	46-86233-3	502
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43A145291-1	159	44-10693-01	74LS259	44T-300-102	1155	46-5002-31	1062	46-13226-3	966	46-13996-3	1459	46-86237-3	107
43A145291-2	159	44-10694-01	74LS298	44T-300-103	225	46-5002-32	779A	46-13233-3	1590	46-16261	116	46-86240-3	108
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43A165137P1	130	44-10698-01	74LS00	44T-300-107	295	46-6661-2	117A	46-13238-3	1532	46-36682-3	85	46-86243-3	123A
43A165137P2	130	44-10699-01	74LS08	44T-300-108	295	46-8257-3	123A	46-13239-3	1445	46-37328-3	2302	46-86244-3	612
43A165137P4	130	44-10701-01	74LS08	44T-300-109	225	46-8601-3	116	46-13247-3	834	46-41763C01	5072A	46-86250-3	177
43A165137P7	130	44-10702-01	74LS10	44T-300-111	199	46-8610-3	102A	46-13248-3	1441	46-61249-3	116	46-86251-3	107
43A167207P1	159	44-10704-01	74LS113	44T-300-112	199	46-8611	102A	46-13249-3	1484	46-61267-3	177	46-86252-3	289A
43A167229-01	159	44-10705-01	74LS158	44T-300-113	312	46-8611-3	102A	46-13252-3	1635	46-61307-3	177	46-86253-3	109
43A167851	123A	44-10713-01	74LS158	44T-300-114	116	46-8611-4	116	46-13257-3	4081B	46-61720A13	116	46-86254-3	178MP
43A167851-P1	181	44-10715-01	861	44T-300-115	116	46-8612-3	160	46-13258-3	4011B	46-80309-3	177	46-86255-3	126A
43A167855-P1	181	44-10716-01	955M	44T-300-116	804	46-8613	112	46-13267-3	1430	46-81187-3	171	46-86256-3	126A
43A167855-P2	181	44-10717-01	2041S	44T-300-117	804	46-8613-3	126A	46-13272-3	4001B	46-84120-3	108	46-86257-3	108
43A167855-P3	181	44-10718-01	857M	44T-300-118	804	46-8614-3	101	46-13273-3	1170	46-85285-3	108	46-86258-3	123A
43A167855-P4	218	44-10719-01	857M	44T-300-119	804	46-8615-3	121	46-13279-3	928M	46-86101-3	107	46-86259-3	116
43A168016P1	123A	44-10720-01	7404	44T-300-120	225	46-8616-3	110MP	46-13286-3	4066B	46-86102-3	126A	46-86260-3	108
43A168064-1	159	44-10952-01(Exidy)	289A	44T-300-121	432/6154	46-8617-3	121	46-13297-3	928M	46-86105-3	119	46-86261-3	116(2)
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43A168135-2	9932	44A319819-1	128	44T-300-124	432/6154	46-8620-3	506	46-13309-3	2084	46-86108-3	161	46-86264-3	116
43A168135-3	9932	44A332168-001	941	44T-300-125	432/6154	46-8621-3	166	46-13312-3	1414	46-86109-3	107	46-86265-3	123A
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43A212042P1	910	44A335862-003	129	44T-300-143	432/6154	46-8639-3	121	46-13414-3	1196	46-86128-3	233	46-86283-3	505
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43A22000P1	199	44A335862-003	129	44T-300-146	432/6154	46							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
46-86349-3	175	46-86494-3	558	46-86649-3	5019A	46-131238-3	1217	46-861508-3	5007A	48-000-24/0401	109	48-191A03	116
46-86350-3	175	46-86496-3	175	46-86654-3	5031A	46-131240-3	5018A(4)	46-861538-3	5605	48-001-09/0401	109	48-191A04	116
46-86351-3	116	46-86497-3	116	46-86656-3	152	46-131245-3	1684	46-861605-3	374	48-00155047	519	48-191A05	506
46-86352-3	107	46-86499-3	552	46-86660-3	199	46-131262-3	968	46-861606-3	369	48-00155080	519	48-191A07A	506
46-86353-3	199	46-86500-3	291	46-86662-3	54	46-131307-3	1692	46-866678-3	5036A	48-00155073	85	48-191A08	116
46-86354-3	107	46-86501-3	137A	46-86664-3	5021A	46-131351-3	1743	46-8611232-3	5012A	48-00155077	177	48-191A09	116
46-86355-3	108	46-86501-3	5013A	46-86665-3	5014A	46-131516-3	1902	46AR1	116	48-00155087	229	48-300-3A10	222
46-86357-3	116	46-86503-3	125	46-86666-3	5083A	46-131519-3	5018A	46AR2	116	48-00155114	109	48-843COA8A	311
46-86358-3	116	46-86504-3	5074A	46-86667-3	199	46-133000-3	1557	46AR3	116	48-00155119	289A	48-971A04	109
46-86360-3	186	46-86505-3	198	46-86668-3	5071A	46-133011-3	1691	46AR4	116	48-00155128	552	48-971A05	123A
46-86364-3	116	46-86505-9	376	46-86672-3	458	46-133019-3	1667	46AR5	116	48-00155137	552	48-971A06	124
46-86365-3	116	46-86506-3	198	46-86673-3	289A	46-133025-3	1363	46AR6	116	48-00155144	615A	48-971A07	123A
46-86371-3	128	46-86507-1	552	46-86674-3	399	46-133027-3	1248	46AR7	116	48-00155166	5071A	48-971A203	160
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46-86374-3	152	46-86508-3	198	46-86677-3	142A	46-133058-3	1382	46AR9	116	48-00155179	552	48-1005-SL12318	9930
46-86375-3	123A	46-86509-3	198	46-86678-3	5036A	46-133073-3	1228	46AR10	116	48-00155192	5021A	48-1050-SL12319	9932
46-86376-3	123A	46-86511-3	506	46-86678-3(ZENER)	147A	46-133083-3	1377	46AR11	116	48-00155225	519	48-1050-SL12320	9933
46-86377-3	159	46-86511-3 (Tripler)	500A	46-86679-2	290A	46-133085-3	1561	46AR12	125	48-00155258	519	48-1050-SL12321	9936
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46-86380-3	178MP	46-86513-3	85	46-86680-3	319P	46-136284-P2	923D	46AR15	125	48-00155307	85	48-1050-SL12324	9946
46-86381-3	128	46-86513-4	199	46-86681-3	89	46-156741-P2	941D	46AR16	125	48-00155336A	293	48-1050-SL12325	9962
46-86381-3	128	46-86514-3	159	46-86681-9	89	46-203200P39	949	46AR17	116	48-00155365	85	48-1050-SL12326	9993
46-86382-3	506	46-86515-3	153	46-86682-3	85	46-500230	79A	46AR18	116	48-00155372(BCE)	85	48-2000(Exidy)	7400
46-86383-3	116	46-86516-3	152	46-86683-3	5019A	46-836380-3	177	46AR19	116	48-00155403(BCE)	85	48-2005(Exidy)	7402
46-86384-3	124	46-86517-3	129	46-86684-3	86	46-861009-3	153	46AR20	116	48-00155403(BCE)	85	48-2011(Exidy)	7404
46-86386-3	124	46-86518-3	127	46-86700-3	293	46-861010-3	379	46AR21	116	48-00155403(BCE)	85	48-2013(Exidy)	7406
46-86387-3	124	46-86519-3	506	46-86705-3	613	46-861011-3	373	46AR22	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86388-3	130	46-86520-3	503	46-86707-3	123A	46-861012-3	159	46AR23	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86389-3	165	46-86521-3	5015A	46-86716-3	194	46-861013-3	389	46AR24	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86390-3	164	46-86522-3	162	46-86724-3	382	46-861015-3	148A	46AR25	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86391-3	506	46-86522-9	94	46-86730-3	16	46-861016-3	156	46AR26	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86392-3	5072A	46-86523-2	142A	46-86734-3	125	46-861017-3	198	46AR27	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86393-2	506	46-86523-3	142A	46-86735-3	5011T	46-861018-3	389	46AR28	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86393-3	506	46-86525-1	506	46-86743-3	166	46-861019-3	399	46AR29	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86394-3	137A	46-86525-3	506	46-86746-3	89	46-861020-3	399	46AR30	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86395-3	506	46-86526-3	198	46-86748-3	398	46-861021-3	86	46AR31	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86396-3	221	46-86528-3	238	46-86749-3	288	46-861022-3	552	46AR32	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86397-3	108	46-86529-3	5081A	46-86751-3	39	46-861023-3	375	46AR33	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86399-3	159	46-86529-3	5081A	46-86752-3	552	46-861027-3	85	46AR34	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86400-3	152	46-86530-2	5143A	46-86753-3	89	46-861031-3	398	46AR35	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86401-3	144A	46-86530-3	5143A	46-86753-9	89	46-861037-3	85	46AR36	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86402-3	116	46-86531-3	233	46-86754-3	390	46-861038-3	507A	46AR37	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86403-3	129	46-86531-3 (Final IF)	233	46-86754-3	394#	46-861042-3	52	46AR38	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86404-3	123A	46-86533-3	375	46-86769-3	580	46-861043-3	399	46AR39	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86405-3	128	46-86534-3	398	46-86770-3	152	46-861045-3	5013T	46AR40	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86406-3	129	46-86535-3	85	46-86774-3	109	46-861046-3	5013T	46AR41	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86407-3	123A	46-86535-5	233	46-86781-3	5024A	46-861047-3	290A	46AR42	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
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46-86416-3	116	46-86545-3	289A	46-86807-3(SGD)	552	46-861111-3	139A	46AR48	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
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46-86424-3	159	46-86552-3	151	46-86854-3	399	46-861118-3	140A	46AR53	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
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46-86426-3	128	46-86554-3	5037A	46-86863-3(SGD)	459	46-861123-3	5024A	46AR55	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86427-3	128	46-86556-3	198	46-86870-3	85	46-861124-3	580	46AR56	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86428-3	177	46-86556-3(ZENER)	5071A	46-86873-3	5008A	46-861145-3	5034A	46AR57	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86429-3	290A	46-86557-3	156	46-86887-3	17	46-861148-3	290A	46AR58	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86430-3	102A	46-86558-3	156	46-86897-3	90	46-861149-3	506	46AR59	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
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46-86433-3	116	46-86561-3	94	46-86909-3	185	46-861159-3	5018A	46AR62	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86434-3	199	46-86562-3	125	46-86910-3	185	46-861170-3	5018A	46AR63	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86435-3	107	46-86563-3	238	46-86912-3	5011T	46-861172-3	5019A	46AR64	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86436-3	177	46-86563-3	238	46-86914-3	140A	46-861174-3	116	46AR65	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86437-3	116	46-86564-3	94	46-86915-3	5010A	46-861175-3	618	46AR66	116	48-00155403(BCE)	85	48-2015(Exidy)	7408
46-86438-3	116	46-86565											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
48-10062A01A	116	48-11815J02	85	48-63077A10	123A	48-67120A8	177	48-82392B15	177	48-83698E35	128	48-84307A23	128
48-10062A02	116	48-11815J01	85	48-63077A11	109	48-67926A01	116	48-82420C01	177	48-83698E41	100	48-84307A40	5012A
48-10062A04	116	48-11815J02	85	48-63077A29	108	48-68688A79	116	48-82420C02	177	48-83698E42	100	48-84307A42	130
48-10062A05	116	48-11815J03	207	48-63077A30	123A	48-68688A79B	116	48-82420C03	519	48-83698E43	102	48-84307A48	101
48-10062A05A	116	48-11815J01	5072A	48-63077A31	123A	48-68394A01	123A	48-82420C04	519	48-83698E44	126A	48-84307A48	312
48-10073A01	102A	48-11817J02	139A	48-63077A32	109	48-69723A01	513	48-82420C05	177	48-83698E46	121	48-84308A93	159
48-10073A02	102	48-11817J03	140A	48-63077A33	107	48-69723A02	513	48-82464E01	580A	48-83698E47	121	48-84309A01	5014A
48-10074A01	102A	48-11818J03	159	48-63078A54	107	48-69723A02-185	513	48-82464E01	125	48-83698E48	121	48-84309A02	5072A
48-10074A02	102A	48-12098B01	159	48-63078A59	100	48-69723E02	513	48-82466H01	116	48-83698E50	102	48-84309A57	177
48-10074A03	102A	48-12098B01A	159	48-63078A60	100	48-80311A82	143A	48-82466H02	116	48-83698E51	100	48-84411L02	333
48-10075A01	121MP	48-12182U01	199	48-63078A61	100	48-80313A46	507	48-82466H03	116	48-83698E52	102	48-84553A02	123A
48-10075A02	121MP	48-12191G01	85	48-63078A62	158	48-82095C01	116	48-82466H04	116	48-83698E53	160	48-84553A05	159
48-10075A03	121MP	48-12191G01	85	48-63078A63	160	48-82095C02	116	48-82466H06	116	48-83698E54	121	48-84553A06	519
48-10075A04	121MP	48-12503P01	612	48-63078A64	100	48-82095C03	116	48-82466H07	116	48-83698E55	121	48-84553A07	5072A
48-10075A05	121MP	48-12584P01	295	48-63078A65	126A	48-82095C64	116	48-82466H12	506	48-83698E56	179	48-84553A53	144A
48-10075A06	121MP	48-12885P01	235	48-63078A66	158	48-82137H01	5192A	48-82466H13	506	48-83698E57	179	48-84943K40	5444
48-10075A07	121MP	48-12885P01	235	48-63078A68	158	48-82137H02	5200A	48-82466H14	506	48-83698E58	179	48-84973C01	5522
48-10075A08	121MP	48-12919G01	107	48-63078A69	107	48-82137H03	5222A	48-82466H15	506	48-83698E59	179	48-84973C01B	5547
48-10079A01	160	48-13238G02	290A	48-63078A70	123A	48-82137H04	5174A	48-82466H16	506	48-83698E60	179	48-86148	116
48-10079A02	160	48-13238G02	159	48-63078A71	123A	48-82137H05	5175AK	48-82466H18	506	48-83698E61	179	48-86168-3	109
48-10103A01	121MP	48-13239G02	289A	48-63078A86	103A + 102A(CP)	48-82137H06	5188A	48-82466H19	506	48-83698E63	179	48-86200-3	109
48-10103A02	121MP	48-13240G01	152	48-63078A87	123A	48-82137H07	5224A	48-82466H21	506	48-83698E64	179	48-86289-3	177
48-10103A03	121MP	48-13240G02	152	48-63081A82	160	48-82137H08	5229A	48-82466H25	506	48-83698E65	179	48-86308-3	506
48-10103A04	121MP	48-13241G01	153	48-63082A15	100	48-82139G01	123A	48-82466H26	506	48-83698E66	160	48-86343-3	109
48-10103A05	121MP	48-13241G02	153	48-63082A16	158	48-82139G02	109	48-82525G03	5806	48-83698E67	126A	48-86376-3	123A
48-10103A07	121MP	48-13285G01	116	48-63082A24	126A	48-82178A01	109	48-82533D03	5081A	48-83698E74	213	48-86429-3	232
48-10103A08	121MP	48-13351A01	102A	48-63082A25	123A	48-82178A02	109	48-82533D07	5090A	48-83698E75	213	48-86475-3	164
48-10103A09	121MP	48-13351A02	107	48-63082A26	123A	48-82178A03	109	48-82541F30	159	48-83698E82	123A	48-86850C07	177
48-10103A10	121MP	48-13351A03	108	48-63082A27	123A	48-82178A04	109	48-82541F31	123A	48-83698E84	123A	48-86850C08	177
48-10346A02	507	48-13351A04	108	48-63082A45	123A	48-82178A05	109	48-82545F33	6401	48-83698E97	123A	48-86850C15	5015A
48-10577A01	177	48-13351A05	108	48-63082A71	123A	48-82178A06	109	48-82580B01	116	48-83698E98	213	48-86850C16	5070A
48-10577A02	177	48-13354A81	123A	48-63084A03	102A	48-82178A07	109	48-82732C04	5944	48-83698E99	105	48-86850C45	5130A
48-10577A04	125	48-13354A82	123A	48-63084A04	102A	48-82178A08	109	48-82751K01	121	48-83698E03	104	48-86850C50	116
48-10577A11	178MP	48-13354A83	158	48-63084A05	102A	48-82178A09	109	48-82751K01	121	48-83698E04	104	48-86850C56	5071A
48-10577A13	105	48-13467J01	312	48-63084A06	109	48-82178A10	109	48-82965F	5635	48-83698E06	102	48-86850C57	140A
48-10577A13(Diode)	177	48-13991J01	108	48-63086A16	116	48-82178A11	109	48-83042A53	5089A	48-83698E09	105	48-86850C64	145A
48-10641D62	137A	48-13992J01	108	48-63086A17	116	48-82178A12	109	48-83042H29	5155A	48-83698E10	105	48-86850C67	5081A
48-10813A01	5013A	48-14408J01	601	48-63590A01	109	48-82178A13	109	48-83042H52	121	48-83698E14	5079A	48-86850C74	5007A
48-12091A	181	48-14408J05	139A	48-64189	116	48-82190H09	614	48-83114H70	121	48-83698E21	102A	48-86850C17	160
48-12443	102A	48-144125A07	125	48-64978A10	121MP	48-82196B01	5806	48-83131C34	101	48-83698E30	175	48-86851C23	101
48-13001A01	124	48-144160U01	85	48-64978A11	121MP	48-82196D26	109	48-83131C35	102	48-83698E50	121	48-86851C26	2825
48-13009X3	152	48-144160U02	85	48-64978A24	121MP	48-82256C01	5013A	48-83131C36	102A	48-83698E61	179	48-86851C28	160
48-13470	108	48-14421G01	295	48-64978A27	160	48-82256C02	5014A	48-83132A44	103	48-83698E64	159	48-86851C32	123A
48-13481	123A	48-14430A06	140A	48-64978A28	160	48-82256C05	5045A	48-83132A44	101	48-83698E78	5254A	48-86851C35	2825
48-13707	220	48-14457J01	199	48-64978A29	160	48-82256C06	5074A	48-83132A46	108	48-83698E81	126A	48-86851C40	160
48-14784J03	184	48-14458J01	229	48-64978A39	222	48-82256C07	5009A	48-83132A48	108	48-83741C01	5465	48-86851C42	160
48-17162A06	102A	48-14458J02	229	48-64978A40	222	48-82256C08	5018A	48-83132A49	160	48-83750G01	123A	48-86851C47	121
48-17162A10	158	48-14483J01	152	48-64978A40A	159	48-82256C09	5018A	48-83132A50	108	48-83750G02	121	48-86851C48	121
48-17162A13	124	48-14483J02	153	48-64978A41	159	48-82256C10	144A	48-83132A58	126A	48-83750G03	195A	48-86851C50	159
48-17162A17	102A	48-14484A01	85	48-64978A41A	159	48-82256C11	5019A	48-83133A63	128	48-83750G04	123A	48-86851C52	181
48-17162A22	102A	48-14485G01	85	48-65108A23	102A(2)	48-82256C12	5011A	48-83133A75	179	48-83750G06	160	48-86851C55	159
48-17271A03	102A	48-14485G02	123A	48-65108A62	102A(2)	48-82256C13	5023A	48-83307B01	5485	48-83819K44	5000A	48-86851C60	185
48-21598B01	102A	48-14485G01	290A	48-65112A65	108	48-82256C14	5024A	48-83307B07	5485	48-83827D04	101	48-86851C65	284
48-21785J61	311	48-14485G02	289A	48-65112A67	108	48-82256C15	5010A	48-83461E01	5075A	48-83827D07	316	48-86851C66	175
48-22310K51	311	48-14486P01	454	48-65112A68	161	48-82256C16	5016A	48-83461E02	5022A	48-83827D08	123A	48-86851C67	6401
48-32000	142A	48-14487G01	116	48-65112A73	112	48-82256C17	5021A	48-83461E03	5066A	48-83827D09	5050A	48-86851C71	346
48-34816	177	48-14487P01	85	48-65113A84	112	48-82256C18	5021A	48-83461E04	5093A	48-83827D10	5050A	48-86851C76	123A
48-37312	242	48-14488P01	229	48-65113A88	108	48-82256C19	5014A	48-83461E05	5093A	48-83827D11	5050A	48-86851C86	184
48-40004A04	108	48-14488P01	107	48-65113A89	108	48-82256C20	5033A	48-83461E06	5075A	48-83827D12	5050A	48-86851C88	106
48-40004A06	235	48-14489P01	236	48-65113A87	108	48-82256C22	139A	48-83461E08	147A	48-83827D13	5050A	48-86851C99	129
48-40004A07	123AP	48-14489P01	236	48-65123A94	123A	48-82256C23	5014A	48-83461E09	5090A	48-83827D14	5050A	48-86851C99	129
48-40004A09	159	48-14489P01	373	48-65123A95	108	48-82256C24	5027A	48-83461E10	5090A	48-83827D15	5050A	48-86851C99	129
48-40004A11	152	48-14489P01	289A	48-65132A79	160	48-82256C25	5021A	48-83461E11	5090A	48-83827D16	5050A	48-86851C99	129
48-40004A22	184	48-14489P01	519	48-65144A72	108	48-82256C26	5005A	48-83461E12	146A	48-83827D17	5050A	48-86851C99	129
48-40059U06	5012A	48-14489P01	116	48-65145A74	116	48-82256C27	151A	48-83461E14	5096A	48-83827D18	5050A	48-86851C99	129
48-40059U34	5020A	48-14489P01	177	48-65146A61	161	48-82256C28	140A	48-83461E15	5018A	48-83827D19	5050A	48-86851C99	129
48-40118B01	159	48-14490P01	139A	48-65146A62	161	48-82256C29	5090A	48-83461E16	5095A	48-83827D20	5050A	48-86851C99	129
48-40118B01A	159	48-14490P01	519	48-65146A63	161	48-82256C30	5096A	48-83461E17	5095A	48-83827D21	5050A	48-86851C99	129
48-40149P01	199	48-14490P01	1192	48-65147A72									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
48-90229A51.....	552	48-90237A60.....	152	48-90432A14.....	290A	48-97046A07.....	107	48-97168A06.....	116	48-124344.....	100	48-134428.....	100
48-90229A52.....	290A	48-90237A62.....	125	48-90432A15.....	116	48-97046A08.....	126A	48-97168A07.....	109	48-124345.....	100	48-134429.....	100
48-90229A53.....	157	48-90237A63.....	5015A	48-90432A17.....	147A	48-97046A09.....	126A	48-97168A08.....	109	48-124346.....	126A	48-134430.....	105
48-90229A58.....	5020A	48-90237A64.....	5014A	48-90432A18.....	147A	48-97046A10.....	116	48-97168A10.....	116	48-124347.....	126A	48-134431.....	176
48-90229A73.....	116	48-90237A65.....	5021A	48-90432A19.....	519	48-97046A14.....	5069A	48-97168A11.....	116	48-124348.....	126A	48-134432.....	100
48-90229A78.....	5019A	48-90237A66.....	519	48-90432A32.....	15	48-97046A15.....	131	48-97168A13.....	109	48-124349.....	126A	48-134433.....	100
48-90229A79.....	5077A	48-90288A45.....	552	48-90432A34.....	289A	48-97046A16.....	126A	48-97168A14.....	116	48-124350.....	126A	48-134434.....	126A
48-90229A81.....	5072A	48-90432A02.....	107	48-90432A34(BCE).....	95	48-97046A17.....	107	48-97177A01.....	312	48-124351.....	126A	48-134439.....	160
48-90229A84.....	373	48-90432A05.....	199	48-90432A35.....	18	48-97046A18.....	108	48-97177A02.....	161	48-124352.....	102	48-134442.....	107
48-90229A87.....	5077A	48-90432A06.....	85	48-90432A36.....	18	48-97046A20.....	107	48-97177A03.....	161	48-124353.....	102	48-134443.....	100
48-90229A93.....	91	48-90432A07.....	290A	48-90432A40.....	5018A	48-97046A21.....	107	48-97177A04.....	108	48-124354.....	102	48-134444.....	100
48-90229A95.....	5012A	48-90432A08.....	290A	48-90432A41.....	5024A	48-97046A22.....	123A	48-97177A05.....	312	48-124355.....	121	48-134446.....	100
48-90232A01.....	161	48-90432A30.....	5020A	48-90432A42.....	5011A	48-97046A23.....	123A	48-97177A06.....	108	48-124356.....	100	48-134447.....	121
48-90232A03.....	108	48-90432A44.....	293	48-90432A45.....	19	48-97046A24.....	123A	48-97177A07.....	108	48-124357.....	100	48-134448.....	121
48-90232A04.....	108	48-90432A50.....	269A	48-90432A56.....	19	48-97046A25.....	161	48-97177A08.....	108	48-124358.....	100	48-134449.....	121
48-90232A05.....	123A	48-90432A52.....	165	48-90432A63.....	5007A	48-97046A26.....	159	48-97177A09.....	123A	48-124359.....	100	48-134450.....	121
48-90232A06.....	129	48-90432A53.....	506	48-90432A69.....	198	48-97046A27.....	152	48-97177A10.....	189	48-124360.....	126A	48-134451.....	121
48-90232A06A.....	129	48-90432A54.....	552	48-90432A70.....	37A	48-97046A28.....	123A	48-97177A11.....	189	48-124361.....	103A	48-134452.....	121
48-90232A07.....	124	48-90432A55.....	5010A	48-90432A71.....	98	48-97046A29.....	128	48-97177A12.....	123A	48-124362.....	160	48-134453.....	121
48-90232A08.....	128	48-90432A56.....	175	48-90432A72.....	506	48-97046A30.....	152	48-97177A13.....	123A	48-124363.....	126A	48-134454.....	126A
48-90232A09.....	129	48-90432A57.....	287	48-90432A75.....	5074A	48-97046A31.....	131	48-97177A14.....	159	48-124364.....	126A	48-134455.....	126A
48-90232A09A.....	129	48-90432A58.....	288	48-90432A76.....	186A	48-97046A32.....	159	48-97177A15.....	159	48-124365.....	126A	48-134456.....	126A
48-90232A10.....	108	48-90432A59.....	234	48-90432A77.....	5014A	48-97046A33.....	102A	48-97177A16.....	109	48-124366.....	126A	48-134457.....	126A
48-90232A11.....	123A	48-90432A61.....	139	48-90432A78.....	552	48-97046A34.....	102A	48-97177A17.....	312	48-124367.....	126A	48-134458.....	100
48-90232A12.....	129	48-90432A62.....	125	48-90432A79.....	552	48-97046A36.....	129	48-97177A18.....	102A	48-124368.....	160	48-134459.....	127
48-90232A12A.....	129	48-90432A64.....	116	48-90432A80.....	125	48-97046A37.....	158	48-97221A02.....	102A	48-124369.....	100	48-134462.....	100
48-90232A13.....	123A	48-90432A66.....	109	48-90432A85.....	243	48-97046A38.....	129	48-97221A03.....	102A	48-124370.....	100	48-134463.....	121
48-90232A14.....	312	48-90432A67.....	289A	48-90432A86.....	85	48-97046A39.....	129	48-97221A04.....	102A	48-124371.....	126A	48-134464.....	123A
48-90232A15.....	129	48-90432A68.....	290A	48-90432A87.....	15	48-97046A40.....	129	48-97221A05.....	102A	48-124372.....	126A	48-134465.....	100
48-90232A15A.....	129	48-90432A69.....	185	48-90432A88.....	16	48-97046A42.....	123A	48-97222A01.....	109	48-124373.....	100	48-134466.....	5896
48-90232A16.....	124	48-90432A70.....	37A	48-90445A32.....	5033A	48-97046A43.....	123A	48-97222A02.....	116	48-124374.....	100	48-134467.....	100
48-90232A17.....	161	48-90432A71.....	199	48-90445A41.....	5014A	48-97046A44.....	161	48-97238A01.....	126A	48-124375.....	100	48-134468.....	100
48-90232A18.....	161	48-90432A72.....	155	48-90445A42.....	295	48-97046A45.....	123A	48-97238A02.....	126A	48-124376.....	102A	48-134469.....	100
48-90232A19.....	108	48-90432A73.....	199	48-90445A43.....	85	48-97046A46.....	312	48-97238A03.....	126A	48-124377.....	126A	48-134470.....	100
48-90232A20.....	85	48-90432A75.....	229	48-90445A44.....	90	48-97046A47.....	312	48-97238A04.....	123A	48-124378.....	100	48-134471.....	100
48-90232A27.....	56	48-90432A77.....	289A	48-90445A48.....	376	48-97046A48.....	312	48-97238A05.....	102A	48-124379.....	100	48-134472.....	100
48-90232A67.....	112	48-90432A78.....	289A	48-90445A50.....	5013A	48-97046A50.....	123A	48-97238A06.....	131	48-124380.....	100	48-134473.....	100
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48-90232A72.....	5024A	48-90432A80.....	85	48-90445A52.....	287	48-97046A52.....	123A	48-97238A08.....	109	48-124382.....	100	48-134475.....	100
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48-90232A90.....	605A	48-90432A87.....	3120	48-90445A64.....	107	48-97046A59.....	109	48-97271A04.....	102A	48-124389.....	100	48-134482.....	158
48-90232A91.....	5031A	48-90432A88.....	601	48-90445A65.....	157	48-97046A60.....	116	48-97271A05.....	160	48-124390.....	100	48-134483.....	158
48-90232A92.....	5016A	48-90432A89.....	605#	48-90445A66.....	5024A	48-97046A61.....	110MP	48-97271A06.....	160	48-124391.....	100	48-134484.....	160
48-90232A93.....	142A	48-90432A90.....	112	48-90445A68.....	234	48-97046A62.....	116	48-97271A07.....	102A	48-124392.....	100	48-134485.....	160
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48-90232A95.....	558	48-90432A92.....	116	48-90445A70.....	157	48-97046A64.....	116	48-97271A09.....	102A	48-124394.....	100	48-134487.....	121
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48-90232A98.....	5030A	48-90432A95.....	137A	48-90445A73.....	85	48-97046A67.....	116	48-97271A12.....	102A	48-124397.....	101	48-134490.....	100
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To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
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48-134583	121	48-134727	104	48-134850	141A	48-134958	116	48-137076	107	48-137212	125	48-137386	194
48-134584	176	48-134728	151A	48-134851	123A	48-134959	116	48-137077	107	48-137213	104	48-137387	137A
48-134585	176	48-134729	179	48-134852	123A	48-134960	108	48-137078	130	48-137214	131	48-137388	108
48-134587	109	48-134730	121	48-134853	154	48-134961	107	48-137079A	130	48-137215	104	48-137389	199
48-134588	109	48-134731	104	48-134854	123A	48-134962	107	48-137080	197	48-137216	104	48-137391	159
48-134590	123A	48-134732	123A	48-134855	108	48-134963	107	48-137081	502	48-137217	104	48-137392	172A
48-134591	126A	48-134733	123A	48-134856	176	48-134964	107	48-137082	503	48-137218	104	48-137393	5019A
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48-134598	109	48-134734A	123A	48-134859	126A	48-134967	159	48-137089	123A	48-137234	127	48-137396	152
48-134599	102A	48-134737	123A	48-134860	126A	48-134967A	159	48-137090	159	48-137235	127	48-137397	513
48-134600	126A	48-134738	121	48-134861	126A	48-134968	130	48-137090A	159	48-137236	194	48-137398	123A
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48-134602	126A	48-134739A	124	48-134865	159	48-134971	148A	48-137092	188	48-137240	189	48-137400	107
48-134603	100	48-134740	179	48-134865A	159	48-134972	124	48-137093	190	48-137251	130	48-137415	154
48-134604	100	48-134741	179	48-134866	159	48-134973	159	48-137095	184	48-137256	185	48-137421	5072A
48-134605	126A	48-134742	179	48-134866A	159	48-134974	121	48-137098	123A	48-137257	123A	48-137437	152
48-134606	121	48-134743	179	48-134867	159	48-134975	159	48-137101	5800	48-137258	185	48-137472	183
48-134607	102A	48-134744	121	48-134867A	159	48-134975	159	48-137102	123A	48-137259	197	48-137473	184
48-134610	100	48-134745	159	48-134868	159	48-134975A	159	48-137102	104	48-137260	123A	48-137476	191
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48-134612	121	48-134746	121	48-134869	159	48-134978	506	48-137106	108	48-137266	147A	48-137487	614
48-134613	121	48-134747	104MP	48-134869A	159	48-134979	108	48-137107	123A	48-137267	131	48-137488	222
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48-134621	102A	48-134749	179	48-134870A	159	48-134981	107	48-137108	123AP	48-137269	131	48-137495	109
48-134622	105	48-134750	121	48-134871	159	48-134982	128	48-137109	123A	48-137270	131	48-137497	109
48-134623	127	48-134751	121	48-134871A	159	48-134983	108	48-137110	123A	48-137271	131	48-137498	123A
48-134625	100	48-134752	179	48-134872	124	48-134985	108	48-137111	123A	48-137272	142A	48-137500	123A
48-134626	100	48-134753	179	48-134879	108	48-134987	185	48-137112	506	48-137277	184	48-137501	185
48-134630	195A	48-134756	161	48-134880	126A	48-134988	123A	48-137113	191	48-137278	194	48-137502	159
48-134631	100	48-134757	121	48-134882	130	48-134989	159	48-137125	505	48-137279	5014A	48-137504	159
48-134632	102A	48-134758	121	48-134884	130	48-134990	116	48-137126	123AP	48-137280	5400	48-137505	188
48-134633	158	48-134759	121	48-134885	124	48-134991	135A	48-137127	121	48-137281	5404	48-137506	152
48-134634	121	48-134760	179	48-134888	121	48-134992	123A	48-137128	121	48-137282	6400B	48-137507	153
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48-134636	100	48-134763	121	48-134891	108	48-134994	123A	48-137130	121	48-137291	116	48-137512	247
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48-134639	121	48-134766	121	48-134894	123A	48-134997	123AP	48-137133	121	48-137299	109	48-137526	241
48-134640	179	48-134767	121	48-134895	123A	48-134998	157	48-137134	108	48-137300	199	48-137527	242
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48-134659	144A	48-134786	108	48-134910	159	48-137014	123A	48-137150	116	48-137316	125	48-137561	185
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48-134665	123A	48-134790	116	48-134914	159	48-137018	159	48-137154	185	48-137320	189	48-137567	222
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48-134667	123A	48-134792	6400B	48-134916	178MP	48-137020	159	48-137156	185	48-137322	5011A	48-137571	177
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48-134673	123A	48-134798	108	48-134922	107	48-137026	104	48-137162	189	48-137328	5016A	48-137592	107
48-134674	123A	48-134799	108	48-134923	107	48-137027	130	48-137163	189	48-137329	104	48-137621	5073A
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48-134676	160	48-134801	123A	48-134925	107	48-137029	116	48-137165	6400B	48-137331	242	48-137639	46
48-134677	160	48-134802	123A	48-134926	107	48-137030	241	48-137166	108	48-137332	194	48-137644	5021A
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48-134679	160	48-134804	123A	48-134928	107	48-137032	159	48-137168	189	48-137334	141A	48-137801	502
48-134680	126A	48-134805											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
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48-155071	198	48-155293	16	48-869002	123A	48-869329	123A	48-869740	320	48D82420C15	177	48P83624E82	149A
48-155072	198	48-155293(BCE)	85	48-869003	160	48-869334	159	48-869740	366	48D82420C16	519	48P83624E83	116
48-155073	85	48-155294	19	48-869009	160	48-869337	162	48-869741	366	48D82533D02	145A	48P83624E84	116
48-155074	186A	48-155294(BCE)	290A	48-869016	123A	48-869338	199	48-869755	367	48D82533D06	501A	48P83624E85	116
48-155075	239	48-155295	5014A	48-869019	121	48-869342	121	48-869755	350	48D82533D09	5116A	48P83624E86	5940
48-155076	165	48-155296	552	48-869037	123A	48-869347	179	48-869773	123A	48D82533D09	5077A	48P83624E87	5944
48-155077	519	48-155298	5020A	48-869038	160	48-869355	195A	48-869773	316	48D83461E01	5075A	48P83624E88	5948
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48-155079	5070A	48-155302	171	48-869041	160	48-869366	123A	48-869844	316	48D83461E06	5068A	48P83624E90	525
48-155080	5070A	48-155307	85	48-869050	129	48-869377	123A	48-869847	317	48D83461E12	146A	48P83624E91	116
48-155081	5074A	48-155314	146A	48-869051	487	48-869380	128	48-869851	366	48D83461E13	5068A	48P83624E92	5074A
48-155083	125	48-155322	3074	48-869052	487	48-869380	128	48-869859	341	48D83461E15	5018A	48P83624E93	5075A
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48-155085	116	48-155330	145A	48-869059	123A	48-869385	6409	48-869877	484	48D83461E17	5454	48P83624E95	5081A
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48-155088	123A	48-155343	199	48-869071	160	48-869393	175	48A41508A01	116	48D83875D05	5422	48P83698E08	5801
48-155089	290A	48-155364	293	48-869075	103A	48-869398	129	48A42383A01	614	48D83875D06	5455	48P83698E09	5801
48-155090	239	48-155365	85	48-869080	160	48-869400	129	48A82565B01	129	48D83900A01	5801	48P83699E12	5014A
48-155091	291	48-155372	85	48-869081	121	48-869408	129	48G13001A01	124	48P83827D09	5982	48P83827D10	5002A
48-155092	5404	48-155372(BCE)	85	48-869083	104	48-869412	234	48A42387A01	102	48P83827D10	181		
48-155094	85	48-155376	116	48-869087B	104								
48-155095	290A	48-155377	3041	48-869090	127	48-869413	159	48A155025	280	48K134583	121	48P232796	181
48-155095(PNP)	290A	48-155378	5030A	48-869091	121	48-869416	159	48B41226G01	506	48K134584	121	48P232796	5866
48-155095(NPN)	194	48-155380	290A	48-869092	103	48-869416	123A	48B41226G01	506	48K134584	121	48P232796	5866
48-155096	198	48-155382	261	48-869093	123A	48-869420	121	48B41768G02	109	48K164545	116	48P232796	5866
48-155097	186	48-155383	239	48-869096	123A	48-869426	129	48B41768G02	109	48K164545	116	48P232796	5866
48-155098	187	48-155387	5025A	48-869098	160	48-869427	129	48B41768G02	109	48K164545	116	48P232796	5866
48-155099	552	48-155400	16	48-869099B	104	48-869430	195A	48B8774355	109	48K164545	116	48P232796	5866
48-155100	116	48-155400(BCE)	85	48-869104	102A	48-869432	129	48B8774355	109	48K164545	116	48P232796	5866
48-155102	199	48-155401	16	48-869105	160	48-869435	129	48B8774355	109	48K164545	116	48P232796	5866
48-155103	142A	48-155402(BCE)	16	48-869108	160								
48-155104	145A	48-191807	116	48-869110	123A	48-869436	121	48C(I)	1091*	48K164545	116	48P232796	5866
48-155105	162	48-217241	181	48-869113	102A	48-869440	128	48C(I)	1091*	48K164545	116	48P232796	5866
48-155106	116	48-232796	181	48-869118	102A	48-869444	123A	48C(I)	1091*	48K164545	116	48P232796	5866
48-155107	552	48-355002	123A	48-869125	195A	48-869447	199	48C40235-602	116	48K164545	116	48P232796	5866
48-155108	506	48-355004	199	48-869126	158	48-869450	161	48C40235G01	116	48K164545	116	48P232796	5866
48-155110	198	48-355005	198	48-869136	123A	48-869453	123A	48C40235G02	552	48K164545	116	48P232796	5866
48-155111	186A	48-355006	234	48-869138	129	48-869455	121	48C40235G02	552	48K164545	116	48P232796	5866
48-155113	5404	48-355007	159	48-869141	121	48-869455	121	48C40235G02	552	48K164545	116	48P232796	5866
48-155114	109	48-355008	110MP	48-869144	123A	48-869465	198	48C40235G02	552	48K164545	116	48P232796	5866
48-155116	187A	48-355009	109	48-869144	123A	48-869467	234	48C40235G02	552	48K164545	116	48P232796	5866
48-155117	297	48-355012	287	48-869145	129	48-869474	199	48C82116E01	112	48N8P1035	121	48R134606	121
48-155118	283	48-355013	506	48-869147	195A	48-869475	102	48C82116E01	112	48P-2A5	102A	48R134621	102A
48-155119	289A	48-355014	178MP	48-869148	102	48-869476	103	48C82178A04	109	48P-2A5	102A	48R134632	102A
48-155121	293	48-355016	116	48-869150	158	48-869476	103	48C82178A04	109	48P-2A5	102A	48R134632	102A
48-155122	294	48-355023	116	48-869168	126A	48-869476A	103	48C82178A07	109	48P-2A5	102A	48R134632	102A
48-155123	192	48-355025	116	48-869170	128	48-869480	181	48C82256C06	141A	48P3624E15	5191A	48R134632	102A
48-155124	389	48-355029	5404	48-869174	195A	48-869481	167	48C82256C07	5009A	48P3624E15	5191A	48R134632	102A
48-155125	506	48-355033	177	48-869177	160	48-869483	101	48C82256C09	5016A	48P3624E15	5191A	48R134632	102A
48-155126	552	48-355036	177	48-869182	121	48-869486	199	48C82256C11	140A	48P3624E15	5191A	48R134632	102A
48-155127	5069A	48-355037	297	48-869184	128	48-869486	195A	48C82256C12	136A	48P3624E15	5191A	48R134632	102A
48-155128	552	48-355038	198	48-869186	195A	48-869497	199	48C82256C14	145A	48P3624E15	5191A	48R134632	102A
48-155130	198	48-355039	186A	48-869187	160	48-869515	130	48C82256C15	5010A	48P3624E15	5191A	48R134632	102A
48-155131	605A	48-355040	152	48-869190	160	48-869517	121	48C82256C16	5072A	48P3624E15	5191A	48R134632	102A
48-155133	198	48-355042	175	48-869192	102A	48-869518	102A	48C82256C20	177	48P3624E15	5191A	48R134632	102A
48-155136	552	48-355043	238	48-869197	199	48-869519	195A	48C82256C21	116	48P3624E15	5191A	48R134632	102A
48-155138	116	48-355044	198	48-869198	102A	48-869520	129	48C82478C03	5878	48P3624E15	5191A	48R134632	102A
48-155139	506	48-355045	601	48-869199	123A	48-869521	192	48C82525G07	5800	48P3624E15	5191A	48R134632	102A
48-155140	86	48-355046	605A	48-869201	102A	48-869525	123A	48C82525G07	5800	48P3624E15	5191A	48R134632	102A
48-155141	86	48-355047	605A	48-869202	121	48-869526	159	48C82525G07	5800	48P3624E15	5191A	48R134632	102A
48-155144	615A	48-355048	552	48-869205	179	48-869527	158	48C82525G07	5800	48P3624E15	5191A	48R134632	102A
48-155146	5013A	48-355049	116	48-869206	6400B	48-869532	123A	48C84302A06	177	48P3624E15	5191A	48R134632	102A
48-155148	601	48-355050	5082A	48-869209	195A	48-869536	225	48C84302A07	177	48P3624E15	5191A	48R134632	102A
48-155150	289A	48-355052	123A	48-869211	128	48-869547	129	48C84302A08	137A	48P3624E15	5191A	48R134632	102A
48-155152	52A	48-355053	229	48-869225	175	48-869550	191	48C84302A09	110MP	48P3624E15	5191A	48R134632</	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
48R869625	356	48S43238G01	290A	48S137543	123A	48S155223	552	48X90229A06	293	48X90420A43	293	48X90488A06	3022
48R869640	188	48S43238G02	290A	48S137546	506	48S155224	165	48X90229A09	5010A	48X90420A53	605A	48X90488A16(BCE)	290A
48R869641	189	48S43239G02	290A	48S137548	182	48S155225	5070A	48X90229A15(BCE)	90	48X90420A56	377	48X90488A17(BCE)	85
48R869649	159	48S43240G01	52	48S137551	506	48S155226	125(2)	48X90229A17	85	48X90420A74	198	48X90488A19	18
48R869659	350	48S43240G02	152	48S137572	188	48S155239	116(2)	48X90229A18	290A	48X90420A83	91	48X90488A32	552
48R869665	320	48S43241G01	153	48S137638	6402	48S155241	247	48X90229A19	290A	48X90420A85	552	48X90488A42	399
48R869676	196	48S43241G02	152	48S137639	46	48S155249	228A	48X90229A20	289A	48X90420A86	552	48X90488A44	5025A
48R869711	320	48S43242G01	152	48S137643	153	48S155252	519	48X90229A36	5020A	48X90420A87	552	48X90488A45	552
48R869740	366	48S43270J02	290A	48S155001	165	48S155259	370A	48X90229A37	399	48X90420A88	146A	48X90488A46	5016A
48R869741	366	48S43991J01	108	48S155002	502	48S155263	145A	48X90229A38(EEB)	46	48X90420A90	389	48X90488A47	116(2)
48R869755	367	48S43992J01	108	48S155005	175	48S155267	563A	48X90229A45	290A	48X90420A92	157#	48X90488A48	116(2)
48R869755	350	48S4400J01	600	48S155013	154	48S155275	605A	48X90229A46	89	48X90420A98	552	48X90488A49	399
48R869767	123A	48S44578J01	85	48S155025	280	48S155280	5010A	48X90229A50	5009A	48X90432A01	289A	48X90488A50	184
48R869773	316	48S44580J02	229	48S155030	116	48S155281	5012A	48X90229A53	157	48X90432A14	290A	48X90488A51	389
48R869775	351	48S44580J02	229	48S155030	116	48S155281	5012A	48X90229A53	157	48X90432A15	116	48X90488A61	321
48R869844	316	48S44657G01	1022	48S155034	198	48S155282	5015A	48X90229A58	5020A	48X90432A32	15	48X90488A62	152
48R869847	317	48S44883G01	153	48S155035	290A	48S155284	290A	48X90229A73	116	48X90432A34(BCE)	85	48X90488A66	389
48R869851	366	48S44884G01	153	48S155037	198	48S155285	297	48X90229A78	5019A	48X90432A35	18	48X90488A67	125
48R869859	341	48S44885G01	123A	48S155039	109	48S155286	325	48X90229A79	5017A	48X90432A36	18	48X90488A68	5020A
48R869861	129	48S44885G02	123A	48S155040	116	48S155289	525	48X90229A81	5072A	48X90432A37	199	48X90488A69	116
48R8430266	5065A	48S44886G01	289A	48S155041	116	48S155292	116	48X90229A84	373	48X90432A39	586	48X90488A77	605A
48R843027	5802	48S44886G02	289A	48S155042	186A	48S155293	55	48X90229A87	5077A	48X90432A41	5024A	48X90543A05	5033A
48S00155035	290A	48S44886G03	289A	48S155043	152	48S155293(BCE)	55	48X90229A88	91	48X90432A42	5011A	48X90543A06	5013A
48S00155039	109	48S44886G04	289A	48S155044	175	48S155294	19	48X90229A89	5012A	48X90432A45	290A	48X90543A15	558
48S00155060	519	48S45315G01	229	48S155045	234	48S155294(BCE)	290A	48X90229A40	85	48X90432A55	19	48X90549A71	293
48S00155073	85	48S45315G03	229	48S155046	297	48S155295	5014A	48X90232A47	56	48X90432A56	19	48X90562A02	116
48S00155077	51	48S45323G01	612	48S155047	177	48S155307	552	48X90232A68	50131T	48X90432A57	85	48X90562A04	109
48S00155087	229	48S90343A87	3120	48S155048	5074A	48S155298	5020A	48X90232A72	5024A	48X90445A11	15	48X907048A48	158
48S00155093	85	48S90380A55	3120	48S155050	5404	48S155299	5011A	48X90232A74	5015A	48X90445A17	16	48X907048A51	108
48S00155094	85	48S90478A30	5010A	48S155051	287	48S155302	171	48X90232A75	55#	48X90445A33	107	48X907048A52	128
48S00155114	109	48S90478A34	3121	48S155052	605A	48S155305	198	48X90232A78	552	48X90445A34	85	48X907048A53	102A
48S00155131	605A	48S134761	104MP	48S155053	130	48S155307	125	48X90232A80	56	48X90445A40	5005A	48X907048A54	102A
48S00155137	552	48S134810	123AP	48S155054	149A	48S155310	95	48X90232A81	137A	48X90445A41	5020A	48X907048A55	102A
48S00155144	615A	48S134811	123AP	48S155056	552	48S155311	5071A	48X90232A84	137A	48X90445A42	5020A	48X907048A60	123A
48S00155146	5013A	48S134815	159	48S155057	116	48S155312	5074A	48X90232A89	5024A	48X90445A43	552	48X907048A61	123A
48S00155166	5071A	48S134816	177	48S155058	238	48S155314	148A	48X90232A90	605A	48X90445A46	152	48X907048A62	123A
48S00155172	19	48S134830	159	48S155059	198	48S155317	140A	48X90232A91	5031A	48X90445A47	157	48X907048A66	109
48S00155172(BCE)	290A	48S134831	159	48S155060	519	48S155320	182	48X90232A92	5016A	48X90445A48	85	48X907048A71	116
48S00155177	116	48S134832	159	48S155061	109	48S155323	5019A	48X90232A93	142A	48X90445A49	16 #	48X907162A01	108
48S00155222	399	48S134900	162	48S155062	152	48S155324	125	48X90232A94	125	48X90445A53	253	48X907162A02	108
48S00155258	519	48S134901	163A	48S155063	116	48S155325	5016A	48X90232A95	558	48X90445A94	5025A	48X907162A03	108
48S00155267	5633	48S134902	108	48S155065	290A	48S155329	199	48X90232A96	5010A	48X90445A96	552	48X907162A04	108
48S00155293	16	48S134903	123A	48S155066	153	48S155330	145A	48X90232A97	5024A	48X90445A97	615A	48X907162A05	123A
48S00155293(BCE)	85	48S134916	113A	48S155067	130	48S155333	375	48X90232A98	5030A	48X90445A98	290A	48X907162A06	102A
48S00155294(BCE)	290A	48S134917	178MP	48S155068	5633	48S155334	519	48X90232A99	399	48X90445A99	21	48X907162A07	102A
48S00155295	5014A	48S134919	154	48S155069	198	48S155337	377	48X90233A17	555	48X90445A11	18	48X907162A09	108
48S00155296	552	48S134921	116	48S155070	198	48S155343	293	48X90233A26	198 #	48X90445A12	199	48X907162A10	108
48S00155307	85	48S134932	233	48S155071	85	48S155364	293	48X90233A27	198 #	48X90445A15	116	48X907162A11	123A
48S00155322	3074	48S134933	123A	48S155072	198	48S155365	85	48X90233A28	377	48X90445A16	5011A	48X907162A12	108
48S00155329	199	48S134936	196	48S155073	85	48S155372	85	48X90233A39	5022A	48X90445A24	519	48X907162A13	158
48S00155330	145A	48S134939	116	48S155074	186A	48S155376	116	48X90233A40	19	48X90445A32	152	48X907168A01	109
48S00155334	519	48S134944	312	48S155075	239	48S155377	3041	48X90233A40(BCE)	290A	48X90445A34	615A	48X907168A03	109
48S00155343	19	48S134946	108	48S155076	165	48S155378	5030A	48X90233A41	5011A	48X90445A35	552	48X907168A04	109
48S00155364	293	48S134960	108	48S155077	519	48S155380	290A	48X90233A50	5010A	48X90445A45	293	48X907168A05	116
48S00155365	85	48S134970	108	48S155078	109	48S155382	261	48X90233A53	109	48X90445A70	552	48X907177H01	312
48S00155372(BCE)	85	48S134979	108	48S155079	116	48S155383	239	48X90233A67	112	48X90445A71	5021A	48X907238A01	126A
48S00155380	290A	48S134981	161	48S155080	5070A	48S155387	5025A	48X90233A90	110	48X90445A72	519	48X907238A02	126A
48S00155400	16	48S134988	192	48S155081	5074A	48S155400	16	48X90233A97	5033A	48X90445A73	5009A	48X907238A03	126A
48S00155400(BCE)	85	48S134989	193	48S155083	125	48S155400(BCE)	85	48X90233A405	503	48X90445A74	198	48X907238A04	126A
48S00155401(BCE)	85	48S134995	389	48S155084	5074A	48S155401	16	48X90233A431	289A	48X90445A76	184	48X907238A05	102
48S00155402	16 #	48S134997	123AP	48S155087	229	48T44a70T01	140A	48X90233A459	85	48X90445A77	389	48X907238A06	131MP
48S00155402(BCE)	85	48S137000	142A	48S155088	123A	48T40059U06	5012A	48X90233A466	112	48X90445A78	5029A	48X907239A01	109
48S00155403(BCE)	85	48S137006	108	48S155089	199	48T40059U31	5019T1	48X90233A467	519	48X90445A94	552	48X155172(BCE)	5071A
48S00355052	229	48S137015	199	48S155090	238	48T40059U34	5020A	48X90233A409	605A	48X90445A95	116	48X155172(BCE)	5071A
48S50	218	48S137021	5072A	48S155091	291	48T40235U01	116	48X90233A525	552	48X90445A96	5014A	48X155238	116(2)
48S191A02	116	48S137032	159	48S155092	5404	48T40277U01	116	48X90233A526	5020A	48X90445A97	16 #	48X155320	85
48S191A05	506	48S137041	128	48S155093	85	48T40627U01	85	48X90233A51	5424#	48X90478A05	90	48X355052	229
48S191A05A	506	48S137082	503	48S155094	85	48T40627U02	85	48X90233A52	19	48X90478A06	242	48X155320	108
48S191A07	116	48S137107	123A	48S155095	194	48T40734P01	295	48X90233A53	198	48X90478A10	552	48X155320	108
48S191A08	506	48S137110	123A	48S155096	198	48T4218U01	199	48X90233A54	377#	48X90478A12	5013A	48X155320	116
48S4076P01	235	48S137114	505	48S155099	116	48T4262F02	152	48X90233A55	116	48X90			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
50-40725-06	229	50M11S25	5253A	50T10R	5252AK	50T68RA	5281AK	51-02004-12	5010T1	51-13753A02	1184
50-40726-05	229	50M12S25	5254A	50T10RA	5252AK	50T68RB	5281AK	51-02006-12	5072A	51-13753A03	1181
50-40727-08	399	50M13S25	5255A	50T10RB	5252AK	50T75	5282A	51-02007-12	5018A	51-13753A04	1182
50-40733-04	399	50M14S25	5256A	50T11	5253A	50T75A	5282A	51-02008-04	5013A	51-13753A05	1250
50-40734-08	2330	50M15S25	5257A	50T11A	5253A	50T75B	5282A	51-02009-04	142A	51-13753A06	1173
50-40735-07	31	50M16S25	5258A	50T11B	5253A	50T75R	5282AK	51-02032-04	5015A	51-13753A07	712
50-41001-01	389	50M17S25	5259A	50T11R	5253AK	50T75RA	5282AK	51-03007-06	116	51-13753A08	1168
50-51001-01(GSD)	451	50M18S25	5260A	50T11RA	5253AK	50T75RB	5282AK	51-03009A02	74LS193	51-13753A09	712
50-70784-15	229	50M19S25	5261A	50T11RB	5253AK	50T82	5283A	51-03009A05	4020B	51-13753A10	1164
50-81402-04	123A	50M20S25	5262A	50T12	5254A	50T82A	5283A	51-03009A07	787	51-13753A11	1164
50-81502-03	229	50M22S25	5263A	50T12A	5254A	50T82B	5283A	51-03009A08	1239	51-13753A12	4511B
50-81502-04	116	50M24S25	5264A	50T12B	5254A	50T82R	5283AK	51-03017-01	116	51-13753A13	834
50A-5-S001(Stern)	931	50M25S25	5265A	50T12H	5254AK	50T82RA	5283AK	51-03021-02	552	51-13753A14	1173
50A52	126A	50M27S25	5266A	50T12RA	5254AK	50T82RB	5283AK	51-03026-04	116	51-13753A15	797
50A102	126A	50M30S25	5268A	50T12RB	5254AK	50T91	5284A	51-03035-04	552	51-13753A16	1178
50A103	129	50M33S25	5269A	50T13	5255A	50T91A	5284A	51-03035-04	552	51-13753A17	1410
50A103K	126A	50M33S25	5142A	50T13A	5255A	50T91B	5284A	51-03035-04	552	51-13753A18	1415
50A5	116	50M36S25	5270A	50T13B	5255A	50T91RA	5284AK	51-04001-01	109	51-13753A19	1299
50B5	116	50M39S25	5271A	50T13R	5255AK	50T91RB	5284AK	51-04488D03	727	51-13753A20	1406
50B54	102A	50M43S25	5272A	50T14	123A	50T100	5285A	51-04488D03	727	51-13753A21	1437
50B73-C	102A	50M45S25	5272A	50T15	5257A	50T100A	5285A	51-04488D03	727	51-13753A22	1437
50B73-S	102A	50M47S25	5274A	50T15A	5257A	50T100B	5285AK	51-08004-06	519	51-13753A23	4042B
50B175A	102A	50M50S25	5276A	50T15B	5257A	50T100RB	5285AK	51-13-14	177	51-13753A24	1682
50B175B	102A	50M51S25	5276A	50T15R	5257AK	50T110	5287A	51-13-14	177	51-13753A25	1406
50B175C	102A	50M52S25	5276A	50T15RA	5257AK	50T110A	5287A	51-13-14	177	51-13753A26	1406
50B324	158	50M56S25	5278A	50T15RB	5257AK	50T110B	5287A	51-13-14	177	51-13753A27	1406
50B364	158	50M62S25	5280A	50T16	5258A	50T110R	5287AK	51-13-14	177	51-13753A28	1406
50B415	158	50M62S25	5150A	50T16A	5258A	50T110RA	5287AK	51-13-14	177	51-13753A29	1406
50B423	102A	50M68S25	5281A	50T16B	5258A	50T110RB	5287AK	51-13-14	177	51-13753A30	1406
50B75-C	102A	50M75S25	5282A	50T16R	5258AK	50T110R	5287AK	51-13-14	177	51-13753A31	1406
50C	116	50M82S25	5283A	50T16RB	5258AK	50T110A	5287A	51-13-14	177	51-13753A32	1406
50C(IC)	1084	50M91S25	5284A	50T16RA	5258AK	50T110B	5287A	51-13-14	177	51-13753A33	1406
50C05	6020	50M100S25	5285A	50T16RB	5258AK	50T110R	5287A	51-13-14	177	51-13753A34	1406
50C05R	6021	50M105S25	5285A	50T18	5260A	50T110RB	5287AK	51-13-14	177	51-13753A35	1406
50C10	6022	50M110S25	5287A	50T18A	5260A	50T120RA	5288AK	51-1059A01	723	51-13753A36	1410
50C10R	6023	50M120S25	5288A	50T18B	5260A	50T120RB	5288AK	51-1059A01	723	51-13753A37	1410
50C20	6026	50M130S25	5289A	50T18R	5260A	50T130A	5289A	51-1063A01	708	51-13753A38	1401
50C20R	6027	50M140S25	5290A	50T18RA	5260AK	50T130B	5289A	51-1375A08	1168	51-13753A39	1401
50C30	6034	50M150S25	5291A	50T18RB	5260AK	50T130B	5289A	51-1375A11	712	51-13753A40	1401
50C30R	6035	50M160S25	5292A	50T20	5262A	50T130R	5289AK	51-1375A11	712	51-13753A41	1401
50C40	6034	50M175S25	5293A	50T20A	5262A	50T130RB	5289AK	51-1375A11	712	51-13753A42	1401
50C40R	6035	50M180S25	5294A	50T20B	5262AK	50T130R	5289AK	51-1375A11	712	51-13753A43	1401
50C50	6040	50M200S25	5296A	50T20RB	5262AK	50T150	5291A	51-10302A01	703	51-13753A44	1401
50C50R	6041	50P1S	5570	50T20RA	5262AK	50T150A	5291A	51-10382A	718	51-13753A45	1401
50C60	6040	50P1SF	5575	50T20RB	5262AK	50T150B	5291A	51-10382A01	722	51-13753A46	1401
50C60R	6041	50P2	126A	50T22	5263A	50T150B	5291AK	51-10408A01	710	51-13753A47	1401
50C70	6042	50P2S	5570	50T22A	5263A	50T150RB	5291AK	51-10422A	718	51-13753A48	1401
50C70R	6043	50P2SF	5575	50T22B	5263A	50T160	5292A	51-10422A01	718	51-13753A49	1401
50C80	6042	50P3	126A	50T22R	5263AK	50T160A	5292A	51-10422A02	718	51-13753A50	1401
50C80R	6043	50P3S	5572	50T22RA	5263AK	50T160B	5292A	51-10425A01	798	51-13753A51	1401
50C90	6044	50P3SF	5577	50T22RB	5263AK	50T160R	5292AK	51-10432A01	717	51-13753A52	1401
50C90R	6045	50P4S	5572	50T24	5264A	50T160RA	5292AK	51-10437A01	718	51-13753A53	1401
50C100	6044	50P4SF	5577	50T24A	5264A	50T160RB	5292AK	51-10534A01	755	51-13753A54	1401
50C100R	6045	50P5S	5572	50T24B	5264A	50T180	5294A	51-10534A03	755	51-13753A55	1401
50C371	123A	50P5SF	5577	50T24R	5264AK	50T180A	5294A	51-10534A04	755	51-13753A56	1401
50C372	123A	50P6S	5572	50T24RA	5264AK	50T180B	5294A	51-10541A01	917	51-13753A57	1401
50C373	123A	50P6SF	5577	50T24RB	5264AK	50T180R	5294AK	51-10542A01	767	51-13753A58	1401
50C374	123A	50P7S	5574	50T27A	5266A	50T180RA	5294AK	51-10559A01	722	51-13753A59	1401
50C380-0	107	50P8S	5574	50T27B	5266A	50T180RB	5294AK	51-10566A01	722	51-13753A60	1401
50C380-OR	107	50P8SF	5579	50T27R	5266AK	50T200	5296A	51-10566A02	720	51-13753A61	1401
50C394-0	107	50P10S	5574	50T27RA	5266AK	50T200A	5296A	51-10592A01	722	51-13753A62	1401
50C394-R	107	50P12S	5574	50T30	5268A	50T200B	5296A	51-10594A01	723	51-13753A63	1401
50C401	130	50R1A10	5567	50T30A	5268A	50T200R	5296AK	51-10594C01	723	51-13753A64	1401
50C438	123A	50R1A20	5567	50T30B	5268A	50T200RA	5296AK	51-10600A	6026	51-13753A65	1401
50C644	123A	50R1A40	5568	50T30RB	5268AK	50T200RB	5296AK	51-10600A(IC)	753	51-13753A66	1401
50C784	108	50R1A60	5568	50T30RA	5268AK	50Z9.1	139A	51-10600A01	5991	51-13753A67	1401
50C784-R	107	50R1A80	5569	50T30RB	5268AK	50Z9.1A	139A	51-10600A01(IC)	753	51-13753A68	1401
50C828	123A	50R1A100	5569	50T33	5269A	50Z9.1B	139A	51-10611A09	760	51-13753A69	1401
50C828R	108	50R1A110	5569	50T33A	5269A	50Z9.1C	139A	51-10611A10	7400	51-13753A70	1401
50C829B	108	50R1A120	5569	50T33B	5269A	50Z11	141A	51-10611A11	7400	51-13753A71	1401
50C829C	108	50R2S	5568	50T33RB	5269AK	50Z11A	141A	51-10611A12	7404	51-13753A72	1401
50C838	123A	50R1A10	5567	50T33RA	5269AK	50Z11B	141A	51-10611A15	7450	51-13753A73	1401
50C1047	108	50R1A20C20	5567	50T33RB	5269AK	50Z11C	141A	51-10611A16	7475	51-13753A74	1401
50C1139	123A	50R1A40	5568	50T36	5270A	50Z12	142A	51-10617A01	718	51-13753A75	1401
50D2	116	50R1A60	5568	50T36A	5270A	50Z12A	142A	51-10619A01	723	51-13753A76	1401
50D4	116	50R1A80C60	5568	50T36B	5270A	50Z12B	142A	51-10631A01	708	51-13753A77	1401
50D8	125	50R1A100	5569	50T36R	5270AK	50Z12C	142A	51-10636A	772A	51-13753A78	1401
50D10	125	50R1A100	5569	50T36RA	5270AK	50Z14	144A	51-10636A01	772A	51-13753A79	1401
50E05	116	50R1A110	5569	50T36RB	5270AK	50Z14A	144A	51-10637A01	781	51-13753A80	1401
50E1	116	50R1A120	5569	50T39	5271A	50Z14B	144A	51-10638A01	789	51-13753A81	1401
50E2	116	50R1A120C120	5569	50T39A	5271A	50Z14C	144A	51-10650A01	5944	51-13753A82	1401
50E3	116	50S5	5842	50T39B	5271A	50Z15	145A	51-10655A01	798	51-13753A83	1401
50E4	116	50SI-HA11446	1650	50T39RB	5271AK	50Z15A	145A	51-10655A05	749	51-13753A84	1401
50E5	116	50ST-2SC945R	85	50T39RA	5271AK	50Z15B	145A	51-10655A13	748A	51-13753A85	1401
50E6	116	50ST-2SD467B	85	50T39RB	5271AK	50Z15C	145A	51-10655A17	4019	51-13753A86	1401
50E7	125	50SZ-HZ12A2	502111	50T43	5272A	50Z27	146A	51-10655A18	4011B	51-13753A87	1401
50E8	125	50T6.8	5247A	50T43A	5272A	50Z27A	146A	51-10655A19	4013B	51-13753A88	1401
50E10	125	50T6.8A	5247A	50T43B	5272A	50Z27B	146A	51-10655A21			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
51-90480A33.....1609		51R84320A09.....772A		51S13753A64.....986		51S90518A10.....1659		51X90433A62.....1550		51X90528A39.....986		53-0136T.....125	
51-90480A46.....962		51R84320A16.....912		51S13753A67.....1373		51S90518A11.....1217		51X90433A99.....1621		51X90528A41.....172		53-1086.....116	
51-90480A51.....1425		51R84320A32.....916		51S13753A68.....1663		51S90518A34.....40097B		51X90458A01.....1422		51X90528A49.....960		53-1110.....120	
51-90480A52.....1439		51R84320A58.....708		51S14478J02.....984		51S90518A36.....4011B		51X90458A02.....1701		51X90528A80.....778A		53-1173.....172A	
51-90480A56.....1410		51RC10.....5570		51S40464A01.....801		51S90518A49.....960		51X90458A03.....1702		51X90538A18.....4027B		53-1362.....186	
51-90480A57.....1410		51RC20.....5570		51S42211P01.....1659		51S90518A54.....1682		51X90458A05.....1314		51X90538A22.....966		53-1487.....1113	
51-90480A64.....1551		51RC30.....5572		51S42908J01.....801		51S90518A84.....1435		51X90458A06.....1613		51X90538A24.....1561		53-1519.....545S	
51-90480A65.....1727		51RC40.....5572		51S4478J02.....1234		51S90518A97.....1611		51X90458A07.....834		51X90538A89.....960		53-1519.....109	
51-90480A66.....966		51RC50.....5572		51S4483J03.....1239		51S90528A01.....928M		51X90458A09.....4011B		51X90544A55.....1729		53-1519.....109	
51-90480A87.....1367		51RC60.....5572		51S4883J03.....1239		51S90528A21.....1367		51X90458A30.....1440		51X90555A53.....1683		53-1967.....186	
51-90480A93.....1629		51RC80.....5574		51S4883J04.....1239		51S90528A26.....986		51X90458A37.....1452		51X90555A60.....4053B		53A001-1.....109	
51-90480A94.....1231		51S01422A.....718		51S70177A01.....798		51S90528A29.....966		51X90458A50.....1440		51Z6.....5111A		53A001-2.....110MP	
51-90480A95.....1546		51S1334.....109		51S90266A12.....778A		51S90528A32.....834		51Z6A.....5111A		51Z6A.....5111A		53A001-3.....116	
51-90480A96.....1674		51S1065A13.....748A		51S90266A22.....1560		51S90528A35.....1176B		51X90458A52.....1295		52-010-106-0.....294		53A001-4.....125	
51-90495A17.....7406		51S1056FA01.....722		51S90266A45.....928M		51S90528A36.....1546		51X90458A55.....1546		52-010-109-0.....288		53A001-5.....5071A	
51-90495A36.....1560		51S1056GA01.....722		51S90266A54.....778A		51S90528A39.....986		51X90458A56.....1427		52-010-120-0.....232		53A001-9.....116	
51-90495A87.....1612		51S1057A01.....736		51S90266A72.....1623		51S90528A80.....778A		51X90458A67.....1659		52-010-151-0.....282S		53A001-10.....142A	
51-90495A88.....1747		51S1057A01.....736		51S90305A12.....1614B		51S90538A24.....1561		51X90458A70.....1060		52-020-108-0.....123A		53A001-12.....116	
51-90495A90.....1683		51S10302A01.....703		51S90305A20.....1263		51S90555A60.....4053B		51X90458A71.....1618		52-020-114-0.....85		53A001-32.....177	
51-90495A91.....7416		51S10382A.....718		51S90305A21.....1263		51S110267A01.....704		51X90458A72.....1610		52-020-115-2.....85		53A001-33.....144A	
51-90507A20.....1234		51S10382A01.....718		51S90305A22.....1264		51T40064T01.....1432		51X90458A75.....1629		52-020-158-0.....123A		53A001-34.....125	
51-90507A24.....962		51S10382A01.....718		51S90305A23.....1265		51T40113T01.....2003		51X90458A78.....1270		52-020-166-0.....229		53A001-35.....116	
51-90507A35.....9403		51S10408A01.....710		51S90305A24.....1265		51T40114T01.....2004		51X90458A80.....1625		52-020-167-0.....229		53A001-36.....177	
51-90507A39.....928M		51S10422A.....718		51S90305A25.....1268		51T40167F02.....4001B		51X90458A81.....1700		52-020-168-0.....199		53A002-1.....116	
51-90507A40.....928M		51S10422A01.....718		51S90305A26.....1268		4001B		51X90458A82.....1568		52-020-169-0.....229		53A006-1.....109	
51-90507A59.....943M		51S10425A01.....798		51S90305A27.....1269		51T40242T01.....4011B		51X90458A83.....778A		52-020-173-0.....299		53A008-1.....109	
51-90507A60.....183M		51S10427A02.....718		51S90305A28.....1223		51T40243T01.....4001B		51X90458A84.....778A		52-020-189-0.....85		53A009-1.....113A	
51-90507A71.....1859		51S10432A01.....717		51S90305A33.....1412		51T40378J01.....1436		51X90458A85.....4012B		52-020-189-1.....85		53A0081.....109	
51-90507A84.....4001B		51S10437A01.....718		51S90305A37.....1427		51T40389A01.....4012B		51X90458A86.....4025B		52-020-195-0.....85		53A010-1.....116	
51-90507A85.....4071B		51S10534A01.....755		51S90305A39.....1405		4039B		51X90458A87.....4049		52-020-201-0.....229		53A014-1.....506	
51-90507A87.....1628		51S10534A03.....755		51S90305A40.....1428		51T40947T01.....1278		51X90458A88.....4066B		52-020-203-0.....85		53A015-1.....506	
51-90507A92.....4012B		51S10534A04.....733		51S90305A41.....1425		51T41263F01.....1533		51X90458A89.....4078B		52-025-004-0.....390		53A017-1.....506	
51-90507A93.....4024B		51S10536A01.....710		51S90305A42.....1412		51T41609F01.....2001		51X90458A90.....4528B		52-025-006-0.....152		53A018-1.....178MP	
51-90507A97.....4028B		51S10541A01.....917		51S90305A44.....1419		51T4226F01.....1481		51X90458A93.....834		52-025-012-0.....293		53A019-1.....177	
51-90507A98.....4012B		51S10553A01.....917		51S90305A45.....1622		51T4226F01.....1478		51X90458A94.....834		52-025-012-1.....293		53A020-1.....177	
51-90507A99.....4069		51S10559A.....722		51S90305A61.....712		51T42459F01.....1398		51X90458A95.....7416		52-025-012-2.....293		53A022-2.....109	
51-90508A33.....943		51S10559A01.....722		51S90305A62.....1408		51T4268FA01.....1534		51X90458A96.....7406		52-040-009-0.....1003		53A022-3.....178MP	
51-90518A07.....960		51S1056A01.....722		51S90305A63.....1412		51T4349J01.....1399		51X90458A98.....962		52-040-010-0.....1006		53A022-4.....116	
51-90518A08.....4040B		51S1056A02.....722		51S90305A66.....1450		51T43482J01.....1481		51X90458A99.....960		52-040-015-0.....1135		53A022-5.....506	
51-90518A10.....1659		51S1056A02.....722		51S90305A69.....1444		51T43453U01.....1499		51X90480A08.....960		52-040-025-0.....1195		53A022-6.....139A	
51-90518A11.....1217		51S1059A01.....723		51S90305A73.....1421		51T44157U01.....1579		51X90480A09.....1563		52-040-025-1.....1195		53A022-7.....139A	
51-90518A28.....4528B		51S1060A01.....753		51S90305A74.....1248		51T44262U01.....1468		51X90480A11.....4011B		52-040-027-0.....4011B		53A022-10.....502	
51-90518A34.....40097B		51S1060A01.....753		51S90305A75.....1248		51T44774F01.....1290		51X90480A12.....4011B		52-040-036-1.....788		53A030-1.....177	
51-90518A36.....4011B		51S10611A09.....760		51S90305A82.....1442		51T44795P01.....1261		51X90480A13.....4012B		52-040-048-0.....801		53A-1-0137(Stern).....159	
51-90518A49.....960		51S10611A10.....OBS-NLA		51S90305A83.....1249		51T44795P02.....1261		51X90480A14.....4025B		52-040-049-0.....1194		53B001-1.....109	
51-90518A54.....1682		51S10611A11.....7400		51S90305A89.....1615		51T403389U01.....4013B		51X90480A15.....4049		52-040-051-0.....1290		53B001-2.....109	
51-90518A69.....955M		51S10611A12.....7404		51S90305A92.....1567		51X13753A03.....1161		51X90480A16.....4066B		52-040-057-0.....1543		53B001-3.....109	
51-90518A71.....2079		51S10611A15.....7450		51S90305A92.....1567		51X13753A04.....1161		51X90480A17.....4078B		52-040-067-0.....1293		53B001-5.....116(2)	
51-90518A84.....1435		51S10611A16.....7475		51S90433A07.....1402		51X13753A05.....1173		51X90480A18.....40097B		52-040-068-0.....1458		53B001-6.....116	
51-90518A97.....1611		51S10617A01.....718		51S90433A27.....958		51X13753A06.....1173		51X90480A20.....1409		52-045-001-0.....1000		53B001-7.....177	
51-90528A01.....928M		51S10619A01.....723		51S90433A32.....1428		51X13753A07.....712		51X90480A31.....1529		52-050-009-0.....612		53B003-1.....116	
51-90528A21.....1367		51S10631A01.....708		51S90433A33.....1400		51X13753A08.....1168		51X90480A32.....1718		52-050-021-0.....109		53B003-2.....116(2)	
51-90528A26.....986		51S10636A01.....722A		51S90433A34.....1422		51X13753A09.....712		51X90480A33.....1609		52-051-004-0.....109		53B004-1.....109	
51-90528A27.....1747		51S10636A01.....722A		51S90433A35.....1419		51X13753A11.....712		51X90480A34.....962		52-051-008-0.....109		53B005-2.....109	
51-90528A28.....1683		51S10637A01.....781		51S90433A46.....778A		51X13753A20.....1176S		51X90480A51.....1425		52-051-009-0.....612		53B007-1.....109	
51-90528A29.....966		51S10638A01.....789		51S90433A52.....1620		51X13753A22.....1410		51X90480A52.....1439		52-051-017-0(Silicon).....177		53B008-1.....112	
51-90528A32.....834		51S10650A01.....778A		51S90433A53.....1607		51X13753A23.....1415		51X90480A56.....1410		52-051-017-0(Germanium).....109		53B010-1.....109	
51-90528A35.....1176S		51S10655A01.....798		51S90433A54.....1234		51X13753A24.....1261		51X90480A57.....1410		52-051-022-0.....177		53B010-2.....109	
51-90528A36.....1546		51S10655A01-3.....798		51S90433A55.....1419		51X13753A25.....406		51X90480A64.....962		52-051-024-0.....519		53B010-3.....116	
51-90528A39.....986		51S10655A03.....738		51S90433A57.....1060		51X13753A27.....1437		51X90480A65.....1727		52-052-004-0.....110MP		53B010-4.....116	
51-90528A41.....1742		51S10655A03A.....738		51S90433A60.....1162		51X13753A37.....1682		51X90480A66.....966		52-053-005-0.....147A		53B010-5.....156	
51-90528A49.....960		51S10655A05.....749		51S90433A69.....1621		51X13753A40.....1682		51X90480A67.....1367		52-053-013-0.....139A		53B010-6.....177	
51-90528A80.....778A		51S10655A14.....831S		51S90458A01.....1423		51X13753A41.....1682		51X90480A72.....1705		52-054-041-0.....116		53B011-2.....116	
51-90538A18.....4027B		51S10655A17.....4001B		51S90458A06.....1613		51X13753A42.....1264		51X90480A73.....1629		52-062-007-0.....601		53B011-3.....118	
51-90538A22.....966		51S10655A18.....4011B		51S90458A07.....834		51X13753A46.....1663		51X90480A93.....1629		52-062-007-0.....157		53B012-1.....165	
51-90538A24.....1561		51S10655A19.....4013B		51S90458A28.....1930		51X13753A48.....1726		51X90480A95.....1231		52-062-007-0.....157		53B013-1.....177	
51-90538A89.....960		51S10655A22.....920		51S90458A34.....2207		51X90480A96.....1674		51X90480A96.....1546		52-053-030-0.....140A		53B010-9.....507	
51-90544A55.....1729		51S10655A01.....798		51S90458A37.....1452		51X90480A99.....1674		51X90480A99.....1546		52-054-041-0.....116		53B011-1.....116(3)	
51-90555A53.....1683		51S10655B03.....738		51S90458A50.....712		51X90266A22.....1560		51X90480A99.....1674		52-054-041-0.....116		53B011-2.....116	
51-90555A60.....4053B		51S10655B13.....712											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
53E003-2	177	55-1026	123A	55C112B	5574	56-8091A	102A	56A121-1	1245	56C120-1	1522	56Z6A	5116A
53E006-1	109	55-1057	103A	55C112BIL	5574	56-8091B	102A	56A121-1	1231A	56C121-1	1245	57-0006	116
53E010-1	116	55-1083	158	55C112IL	5574	56-8091C	102A	56A137-1	1547	56C122-1	1231A	57-0004503	123A
53E011-1	166	55-1031	158	55C120BF	5579	56-8091D	102A	56A138-1	1572	56C137-1	1547	57-0005452	123A
53E011-2	137A	55-1032	103A	55C120F	5579	56-8092	102A	56A141-1	1743	56C138-1	1572	57-0005503	123A
53F001-1	116	55-1034	123A	55P2	126A	56-8092A	102A	56A022-L	107	56C141-1	1743	57-000901504	123A
53F002-1	116	55-1082	123A	55P3	126A	56-8092B	102A	56B1-1	703	56C402-L	107	57-01491-B	123A
53H001-1	116	55-1083	158	55SD-1N60S	109	56-8093	109	56B3-1	712	56D3-1	703	57-01491-C	128
53H001-2	109	55-1083A	158	55SI-MC140118CP	4011B	56-8095	110MP	56B4-1	714	56D3-1	712	57-01494C	128
53J001-1	156	55-1084	128	55ST-2SD401AK	375	56-8096	138A	56B5-1	715	56D4-1	714	57-1	116
53J002-1	156	55-1085	159	55SZ-RD3.3EB	5005A	56-8097	116	56B6-1	790	56D5-1	715	57-2	116
53J002-2	117A	55-1085A	159	55SZ-RD12EB	5021A	56-8098	159	56B6-1	814A	56D6-1	790	57-6	116
53J003-1	116	55-12579	159	55Z4	140A	56-8098A	159	56B9-1	748A	56D8-1	814A	57-12	116
53J003-2	117	55-509276-2	218	55Z6	5176A	56-8098B	159	56B10-1	7400	56D9-1	748A	57-13	116
53J004-1	137A	55-509276-4	218	55Z6A	5176A	56-8098C	159	56B11-1	7420	56D10-1	7400	57-15	116
53J004-2	143A	55C025	5570	56-006452-1	159	56-8099	158	56B13-1	7445	56D11-1	7420	57-17	116
53J004-3	138A	55C025B	5575	56-1	109	56-8100	103A	56B14-1	7472	56D13-1	7445	57-18	5980
53K001-2	109	55C025BF	5575	56-2	109	56-8100A	103A	56B15-1	7490	56D14-1	7472	57-20	116
53K001-4	507A	55C025BIL	5570	56-3	109	56-8100B	103A	56B16-1	2028	56D15-1	7490	57-21	116
53K001-5	109	55C025F	5575	56-4	109	56-8100C	103A	56B17-1	791	56D16-1	2028	57-22	116
53K001-6	116	55C025IL	5570	56-5	177	56-8100D	103A	56B19-1	747	56D17-1	791	57-23	116
53K001-7	116	55C050	5570	56-6	5071A	56-8101	158	56B20-1	783	56D19-1	747	57-24	116
53K001-8	117A	55C050B	5570	56-8	109	56-8196	199	56B21-1	972	56D19-2	747	57-25	117A
53K001-9	117A	55C050BIL	5570	56-10	109	56-8197	199	56B22-1	123A	56D20-1	783	57-26	117A
53K001-11	116	55C050IL	5570	56-11	109	56-8198	116	56B22-1 (Transistor)	123A	56D21-1	972	57-27	116
53K001-14	139A	55C10	5570	56-13	148A	56-8199	116	56B23-1	815	56D23-1	815	57-28	116
53K001-15	614	55C10B	5570	56-15	506	56-86412-3	184	56B24-1	793	56D24-1	793	57-29	117A
53K001-17	5018A	55C10BF	5575	56-16	135A	56A1-1	703	56B25-1	836	56D25-1	836	57-31	116
53K001-19	109	55C10BIL	5570	56-18	151A	56A-1-4051 (Stern)	4051B	56B33-1	840	56D33-1	840	57-32	113A
53K001-20	109	55C10F	5575	56-19	139A	56A-1-4053 (Stern)	4053B	56B34-1	1574	56D34-1	1574	57-33	116
53L001-5	506	55C10IL	5570	56-20	109	56A-1-7401 (Stern)	7401	56B35-1	974	56D35-1	974	57-38	116(3)
53L001-10	506	55C15	5570	56-21	112	56A-1-7406 (Stern)	7406	56B37-1	74160	56D36-1	7475	57-39	552A
53L001-14	506	55C15B	5570	56-24	177	56A-1-7474 (Stern)	7474	56B38-1	9602	56D37-1	74160	57-42	156
53L001-15	177	55C15BF	5575	56-25	145A	56A-1-L502 (Stern)	74LS02	56B40-1	778A	56D38-1	9602	57-42A	156
53N001-2	116	55C15BIL	5570	56-26	109	56A-1-L504 (Stern)	74LS04	56B41-1	923D	56D40-1	778A	57-43	117A
53N001-3	116	55C15F	5575	56-27	177	56A-1-L508 (Stern)	74LS08	56B42-1	1116	56D41-1	923	57-46	116
53N001-4	5080A	55C15IL	5570	56-28	177	56A-1-L510 (Stern)	74LS10	56B46-1	731	56D41-1	923D	57-49	117A
53N001-5	109	55C20	5570	56-29	151A	56A-1-L514 (Stern)	74LS14	56B49-1	854S	56D42-1	1116	57-52	173BP5
53N001-7	109	55C20B	5570	56-31	138A	56A-1-L520 (Stern)	74LS20	56B49-2	854S	56D46-1	731	57-55	173BP5
53N001-9	5081A	55C20BF	5575	56-32	143A	56A-1-L527 (Stern)	74LS27	56B50-1	74393	56D49-1	854S	57-56	173BP5
53N002-2	116	55C20BIL	5570	56-33	117A	56A-1-L532 (Stern)	74LS32	56B51-1	9601	56D49-2	854S	57-58	116
53N003-1	109	55C20F	5575	56-35	123A	56A-1-L574 (Stern)	74LS74	56B52-1	74LS629	56D50-1	74393	57-59	116
53N003-2	109	55C20IL	5570	56-36	5075A	56A-1-L575 (Stern)	74LS75	56B56-1	4011B	56D51-1	9601	57-60	116
53N003-3	110MP	55C25	5572	56-44	135A	56A-1-L586 (Stern)	74LS86	56B57-1	4042B	56D52-1	74LS629	57-61	231
53N004-5	109	55C25B	5572	56-45	5079A	56A-1-L5109 (Stern)	74LS109A	56B59-1	1231	56D55	830S	57-62	230
53N004-6	109	55C25BF	5577	56-46	139A	56A-1-L5139 (Stern)	74LS139	56B66-1	4027B	56D56-1	4011B	57-64	125
53N004-7	116	55C25IL	5572	56-47	146A	56A-1-L5153 (Stern)	74LS153	56B67-1	4098B	56D57-1	4042B	57-65	116
53N004-8	116	55C25BIL	5572	56-48	151A	56A-1-L5155 (Stern)	74LS155	56B68-1	4081B	56D57-1	1231	57-65	532
53N004-9	116	55C25IL	5572	56-50	5066A	56A-1-L5161 (Stern)	74LS161A	56B70-1	4028B	56D66-1	4027B	57-68	530
53N004-10	110MP	55C30	5572	56-51	142A	56A-1-L5244 (Stern)	74LS244	56B74-1	1440	56D67-1	4098B	57-98	530
53N004-11	109	55C30B	5572	56-52	116	56A-1-L5257 (Stern)	74LS257	56B75-1	1410	56D68-1	4081B	57-100 (MAG-Zener)	5019A
53N004-12	177	55C30BF	5577	56-53	141A	56A-1-L5273 (Stern)	74LS273	56B75-1A	1416	56D70-1	4028B	57-100 (NAP-Zener)	5019A
53N004-14	109	55C30F	5577	56-54	5072A	56A-1-L5367 (Stern)	74LS367	56B102-1	1496	56D74-1	1440	57-110 (NAP-Zener)	5021A
53N49	105	55C30IL	5572	56-55	5086A	56A-1-S001 (Stern)	3880	56B113-1	615A	56D75-1	1410	57-120 (MAG-Zener)	5021A
53P151	123	55C35	5572	56-56	519	56A-2-0339 (Stern)	834	56B120-1	1522	56D75-1A	1416	57-160 (MAG-Zener)	5025A
53P153	123	55C35B	5572	56-57	142A	56A-2-0555 (Stern)	955M	56B121-1	1245	56D102-1	1496	57-200 (NAP-Zener)	5029A
53P157	102	55C35BF	5577	56-58	5071A	56A-2-1458 (Stern)	778A	56B122-1	1231A	56D113-1	615A	57-220 (NAP-Zener)	5030A
53P158	123	55C35BIL	5572	56-59	135A	56A-2-2002 (Stern)	1232	56B137-1	1547	56D120-1	1522	57-249 (NAP-Zener)	5000A
53P159	123	55C35F	5577	56-62	139A	56A-2-3340 (Stern)	629	56B138-1	1572	56D121-1	1572	57-336 (MAG-Zener)	5036A
53P161	123	55C35IL	5572	56-63	5071A	56A3-1	712	56B141-1	1743	56D122-1	1231A	57-439 (MAG-Zener)	5008A
53P162	123	55C40	5572	56-66	5086A	56A4-1	714	56C03	107	56D137-1	1547	57-439 (NAP-Zener)	5008A
53P163	123	55C40B	5572	56-67	140A	56A5-1	715	56C03	5069A	56D138-1	1572	57-461 (MAG-Zener)	5011A
53P165	123	55C40BF	5577	56-68	5092A	56A5-7812 (Stern)	966	56C1-1	703	56D141-1	1743	57-629 (NAP-Zener)	5013A
53P166	129	55C40BIL	5572	56-70	134A	56A5-7815 (Stern)	968	56C4-1	714	56E3-1	712	57-689 (MAG-Zener)	5014A
53P169	128	55C40F	5577	56-71	5071A	56A5-7905 (Stern)	961	56C5-1	715	56E4-1	714	57-829 (MAG-Zener)	5016A
53P170	129	55C40IL	5572	56-72	5087A	56A6-1	790	56C6-1	715	56E5-1	715	57-4015-27	102A
53SZ-BZ-110	5074A	55C45	5572	56-73	177	56A6-2114 (Stern)	2114	56C7-1	712	56E6-1	700	57-4018-60	130
53SZ-HZ9B3	5018A	55C45B	5572	56-76	5084A	56A6-5001 (Stern)	2104	56C8-1	814A	56E8-1	814A	57A1-1	109
53SZ-RD11FB	5074A	55C45BF	5577	56-78	117A	56A7-1	1574	56C9-1	748A	56E9-1	748A	57A1-2	109
53T001-1	109	55C45BIL	5572	56-79	5084A	56A8-1	814A	56C10-1	7400	56E10-1	7400	57A1-3	103A
53T001-3	116	55C45F	5577	56-93-2867	177	56A9-1	748A	56C11-1	7420	56E11-1	7420	57A1-5	103A
53T001-4	109	55C45IL	5572	56-97	138A	56A10-1	7400	56C12-1	7420	56E12-1	7445	57A1-6	103A
53T001-5	109	55C50	5572	56-234	108	56A11-1	7420	56C13-1	7445	56E15	7490	57A1-7	158
53T001-6	109	55C50B	5572	56-602	109	56A13-1	7445	56C14-1	145A	56E16	783	57A1-8	102A
53T001-7	177	55C50BF	5577	56-605	5077A	56A14-1	7472	56C14-1	7472	56E17	793	57A1-10	160
53U001-1	109	55C50F	5577	56-627	5074A	56A15-1	7490	56C15-1	7490	56E18	139A	57A1-11	102
53U001-2	177	55C50IL	5572	56-3792	177	56A16-1	2028	56C16-1	7490	56E19-1	747	57A1-12	160
53V001-1	109	55C60	5572	56-4824	234	56A17-1	791	56C17-1	793	56E20-1	146A	57A1-13	160
53V001-2	614	55C60B	5572	56-4826	234	56A18-1	1187	56C18-1	793	56E21-1	793	57A1-14	160
53W001-5	177	55C60BF	5577	56-4827	199	56A20-1							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
57A1-48	160	57A2-63	123A	57A7-7	108	57A107-4	108	57A148-9	129	57A236-11	171	57B2-25	158
57A1-49	180	57A2-64	123A	57A7-8	128	57A107-5	108	57A148-10	129	57A240-14	290A	57B2-26	160
57A1-50	180	57A2-65	160	57A7-9	123A	57A107-6	108	57A148-11	129	57A241-14	289A	57B2-27	123A
57A1-51	123A	57A2-66	160	57A7-10	123A	57A107-7	108	57A148-12	159	57A243-10	5404	57B2-28	123A
57A1-52	108	57A2-67	160	57A7-15	123A	57A108-1	106	57A148-12A	129	57A244-14	196	57B2-29	102A
57A1-53	102A	57A2-68	160	57A7-17	123A	57A108-2	106	57A149-12	312	57A245-14	197	57B2-30	160
57A1-54	109	57A2-70	159	57A7-20	123A	57A108-3	106	57A150-12	312	57A249-4	161	57B2-31	160
57A1-56	158	57A2-71A	159	57A7-21	159	57A108-4	106	57A151-6	108	57A250-14	152	57B2-32	102A
57A1-57	102A	57A2-72	102A	57A9-1	121	57A108-5	106	57A152-1	123A	57A251-14	197	57B2-33	102A(2)
57A1-58	102A	57A2-73	123A	57A9-2	121	57A108-6	106	57A152-2	123A	57A252-1	123A	57B2-34	102A
57A1-59	102A	57A2-74	123A	57A10-1	108	57A108-6-8	129	57A152-3	123A	57A253-14	123A	57B2-35	160
57A1-60	158	57A2-75	160	57A10-2	108	57A108-6A	106	57A152-4	123A	57A256-10(Horiz.)	283	57B2-36	102A
57A1-61	109	57A2-76	160	57A10A-8-6	108	57A108-7	106	57A152-5	123A	57A256-10(REG)	94	57B2-37	160
57A1-62	109	57A2-77	160	57A11-1	123A	57A108-8	106	57A152-6	123A	57A258-8	159	57B2-38	128
57A1-63	117A	57A2-78	102A	57A12-1	154	57A109-9	128	57A152-7	123A	57A259-10	5404	57B2-39	102A
57A1-64	109	57A2-80	160	57A12-2	154	57A110-9	129	57A152-8	123A	57A261-10	154	57B2-40	160
57A1-65	112	57A2-83	102A	57A12-3	175	57A111-9	129 + 128(CP)	57A152-9	123A	57A263-11	238	57B2-41	160
57A1-66	102A	57A2-84	175	57A12-4	128	57A112-9	129	57A152-10	123A	57A265-4	123A	57B2-42	160
57A1-67	160	57A2-85	123A	57A12-5	175	57A112-9A	129	57A152-11	108	57A267-4	222	57B2-43	102A
57A1-68	102A	57A2-87	123A	57A14-1	128	57A113-9	128	57A152-12	108	57A268-9	123A	57B2-44	102A
57A1-69	160	57A2-88	102A	57A14-2	128	57A114-9	129	57A153-1	123A	57A273-14	263	57B2-45	102A
57A1-70	102A	57A2-89	160	57A14-3	128	57A114-9A	129	57A153-2	123A	57A274-14	262	57B2-46	102A(2)
57A1-71	102A	57A2-90	160	57A15-1	123A	57A115-9	129	57A153-3	123A	57A277-14	398	57B2-47	175
57A1-72	160	57A2-93	160	57A15-2	123A	57A115-9A	129	57A153-4	123A	57A278-14	375	57B2-48	160
57A1-73	160	57A2-97	123A	57A15-3	123A	57A116-9	129	57A153-5	123A	57A279-4	376	57B2-49	103A + 102A(CP)
57A1-74	160	57A2-101	123A	57A15-4	123A	57A116-9A	129	57A153-6	123A	57A279-14	376	57B2-50	160
57A1-75	123A	57A2-102	123A	57A15-5	159	57A117-9	123A	57A153-7	123A	57A280-14	289A	57B2-51	160
57A1-76	159	57A2-103	123A	57A15-50	159	57A118-12	123A	57A153-8	123A	57A281-14	159	57B2-52	102A
57A1-76A	159	57A2-104	160	57A16-1	126A	57A119-12	161	57A153-9	123A	57A282-14	123A	57B2-53	175
57A1-77	158	57A2-105	160	57A16-1	123A	57A119-12	123A	57A155-10	175	57A283-11	154	57B2-54	123A
57A1-78	103A	57A2-113	123A	57A19	159	57A120-12	123A	57A156	128	57A285-10	5609	57B2-55	160
57A1-79	102A	57A2-116	123A	57A19-1	159	57A121-9	123A	57A156-9	123A	57A286-10	152	57B2-56	160
57A1-80	160	57A2-126	123A	57A19-1A	159	57A122-9	159	57A157-9	159	57A287-10	152	57B2-57	123A
57A1-81	160	57A2-149	160	57A19-2	159	57A122-9A	159	57A157-9A	159	57A288-10	153	57B2-58	123A
57A1-82	102A	57A2-153	123A	57A19-3	159	57A123-10	175	57A157-9A	159	57A289-10	153	57B2-59	123A
57A1-83	102A	57A2-157	160	57A19-10	159	57A124-10	104	57A157-90	159	57A290-12	312	57B2-60	102A
57A1-84	160	57A2-158	160	57A19-20	159	57A125-9	123A	57A158-2	124	57A291-12	123AP	57B2-61	158(2)
57A1-85	160	57A2-159	160	57A19-30	159	57A126-12	107	57A158-3	124	57A292-12	171	57B2-62	123A
57A1-86	160	57A2-192	123A	57A20-1	108	57A127	157	57A158-4	124	57A293-10	283	57B2-63	123A
57A1-87	160	57A2-4	102A	57A21	107	57A128-9	128	57A158-5	124	57A302-10	283	57B2-70	159
57A1-89	160	57A3-1	123A + 159(CP)	57A21-1	108	57A129-9	128	57A158-6	124	57A303-10	152	57B2-71	159
57A1-90	102A	57A3-2	123A + 159(CP)	57A21-2	108	57A129-9	128	57A158-7	124	57A305-12	159	57B2-72	102A
57A1-91	102A	57A3-3	103A + 102A(CP)	57A21-3	108	57A130	126A	57A158-8	124	57A306-12	261	57B2-73	123A
57A1-92	102A	57A3-4	102A	57A21-4	108	57A130-9	129	57A158-9	124	57A310-14	292	57B2-74	102A
57A1-93	102A	57A3-5	102A	57A21-5	108	57A130-9A	159	57A158-10	124	57A311-14	291	57B2-75	160
57A1-94	160	57A3-6	102A	57A21-6	108	57A131	126A	57A159-12	159	57A312-11	171	57B2-76	160
57A1-95	102A	57A3-7	104MP	57A21-7	108	57A131-10	126A	57A159-12A	159	57A313-11	165	57B2-77	160
57A1-96	160	57A3-8	104MP	57A21-8	123A	57A132	126A	57A160-1	108	57A313-10	197	57B2-78	102A
57A1-97	102A	57A3-9	104MP	57A21-9	108	57A132-9	129	57A160-2	108	57A401-11	379	57B2-79	160
57A1-98	160	57A3-10	104MP	57A21-10	108	57A132-10	129	57A160-3	108	57A402-4	161	57B2-83	102A
57A1-99	160	57A3-11	104MP	57A21-11	107	57A132-29	1142	57A160-4	108	57A402-1	107	57B2-84	175
57A1-100	160	57A3-12	121MP	57A21-12	107	57A133-12	159	57A160-5	108	57A403-12	159	57B2-85	123A
57A1-101	160	57A3-13	123A + 159(CP)	57A21-14	107	57A134-12	108	57A161-4	181	57A404-12	297	57B2-86	123A
57A1-102	160	57A4-1	121	57A21-15	108	57A135-12	123A	57A161-6	123A	57A405-12	298	57B2-87	123A
57A1-103	160	57A4-2	121	57A21-16	161	57A136-1	154	57A167-9	192	57A413-1	287	57B2-88	102A
57A1-104	102A	57A4-4	121	57A21-17	161	57A136-2	154	57A168	126A	57A418-10	86	57B2-89	160
57A1-105	102A	57A5	103	57A21-18	161	57A136-3	154	57A168-9	193	57A418-10	86	57B2-90	160
57A1-106	102A	57A5-1	126A	57A21-45	107	57A136-4	154	57A169	102	57A419-GR	85	57B2-91	160
57A1-107	160	57A5-2	126A	57A22-1	179	57A136-5	154	57A170	102	57A419-P	85	57B2-101	123A
57A1-108	160	57A5-3	102A	57A22-2	179	57A136-6	154	57A172-8	190	57A419-P-Q	85	57B2-102	123A
57A1-109	160	57A5-4	126A	57A23	129	57A136-7	154	57A174-8	159	57A419-Q	85	57B2-103	123A
57A1-110	160	57A5-5	102A	57A23-1	129	57A136-8	154	57A175-12	159	57A420-GR	290A	57B2-104	160
57A1-111	102A	57A5-6	108	57A23-2	129	57A136-9	154	57A177-12	161	57A420-P-Q	290A	57B2-105	123A
57A1-112	160	57A5-7	108	57A23-3	129	57A136-10	154	57A178-12	159	57A420-Q	290A	57B2-116	123A
57A1-113	160	57A5-8	108	57A24	161	57A136-11	154	57A179-4	107	57A421-11	379	57B2-126	123A
57A1-114	160	57A5-9	126A	57A24-1	123A	57A136-12	123A	57A180	160	57A422-8	399	57B2-149	160
57A1-115	160	57A5-10	126A	57A24-2	123A	57A137-12	159	57A180-4	229	57A423-8	255	57B2-153	123A
57A1-116	102A	57A6(PNP)	102	57A24-3	123A	57A137-12A	159	57A180-4(3RDIF)	233	57A423-8(Plastic)	399	57B2-157	160
57A1-117	102A	57A6(NPN)	199	57A24-4	123A	57A138-4	319P	57A181-12	123AP	57A424-11	89	57B2-158	160
57A1-118	102A	57A6-1	102	57A27-1	123A	57A138-4(3RD IF)	233	57A182-12	123AP	57A428-8	375	57B2-159	160
57A1-119	121	57A6-2	121	57A27-2	108	57A138-4(Last IF)	233	57A183-11	154	57A428-12	375	57B2-192	123A
57A1-120	160	57A6-3	121	57A28	704	57A138-4-6	319P	57A184-1	160	57A428-12P	375	57B2-193	123A + 159(CP)
57A1-121	102A	57A6-4	123A	57A29	706	57A139-1	161	57A184-12	123AP	57A429-8	398	57B3-5	102A
57A1-122	154	57A6-5	103A	57A29-1	706	57A139-2	161	57A185-12	159	57A429-12P	398	57B3-6	102A
57A1-123	123A	57A6-6	103	57A29-2	706	57A139-3	161	57A186	126A	57A433-1	100	57B3-7	104MP
57A1-124	123A	57A6-6A	100	57A31-1	312	57A139-4	108	57A186-11	165	57A434-1	123A	57B3-8	104MP
57A2-1	126A	57A6-6B	100	57A31-4	312	57A139-4-6	108	57A187	160	57A458-O	290A	57B3-9	104MP
57A2-15	102A	57A6-6C	100	57A32-1	724	57A140-12	123A	57A187-12	291	57A458-Y	399	57B3-10	104MP
57A2-19	126A	57A6-7	123	57A32-2	1142	57A141-1	108	57A188	160	57A460-11	2302	57B3-11	104MP
57A2-22	160	57A6-8	121	57A32-3	1039	57A141-2	108	57A18					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
57B108-6	159	57B159-9	123A	57B289-10	152	57C12-2	154	57D1-20	158	57D14-1	123A	57M1-9	160
57B108-6A	159	57B159-10	175	57B290-12	312	57C12-3	175	57D1-21	158	57D14-2	123A	57M1-10	160
57B108-9	129	57B159-9	123A	57B295-8	171	57C12-4	128	57D1-22	160	57D14-3	123A	57M1-11	160
57B110-9	129	57B157-9	159	57B296-10	375	57C12-5	175	57D1-23	102A	57D19	159	57M1-12	160
57B111-9	129 + 128(CP)	57B157-9A	159	57B302-10	153	57C14-1	128	57D1-24	160	57D19-1	159	57M1-13	129
57B112-9	129	57B158-1	124	57B303-10	152	57C14-2	128	57D1-25	160	57D19-2	159	57M1-13A	129
57B112-9A	129	57B158-2	124	57B310-14	398	57C14-3	128	57D1-26	102A	57D19-3	159	57M1-14	123A
57B113-9	129	57B158-3	124	57B311-14	375	57C15-1	123A	57D1-27	102A	57D19-10	159	57M1-15	123A
57B114-9	129	57B158-4	124	57B315-10	197	57C15-2	123A	57D1-28	102A	57D19-20	159	57M1-16	103A
57B114-9A	129	57B158-5	124	57B316-10	86	57C15-3	123A	57D1-30	160	57D19-30	159	57M1-17	160
57B115-9	129	57B158-6	124	57B402-4	107	57C15-4	123A	57D1-31	160	57D24	161	57M1-18	103A
57B115-9A	129	57B158-7	124	57B402-L	107	57C15-5	159	57D1-32	160	57D24-1	108	57M1-19	123A
57B116-9	129	57B158-8	124	57B413-1	287	57C15-50	159	57D1-33	160	57D24-2	108	57M1-20	123A
57B116-9A	129	57B158-9	124	57B418-10	86	57C16	126A	57D1-34	102A	57D24-3	108	57M1-21	129
57B117-9	123A	57B158-10	175	57B419-GR	85	57C16-1	123A	57D1-35	160	57D29-2	706	57M1-21A	129
57B118-12	123A	57B159-12	159	57B419-GY	85	57C19-1	159	57D1-36	160	57D68	102	57M1-22	129
57B119-12	161	57B159-12A	159	57B419-P	85	57C19-1A	159	57D1-37	158	57D107-1	1545	57M1-23	123A
57B119-12	123A	57B160-1	108	57B419-P-Q	85	57C20-1	108	57D1-38	158	57D107-8	102	57M1-24	129
57B120-12	123A	57B160-2	108	57B419-Q	85	57C21	107	57D1-40	102A	57D137-9	102	57M1-25	129
57B121-9	123A	57B160-3	108	57B419-Y	85	57C21-5	107	57D1-41	160	57D127	157	57M1-25A	129
57B122-9	159	57B160-4	108	57B420-GR	290A	57C22-1	179	57D1-42	158	57D130	126A	57M1-26	123A
57B122-9A	159	57B160-5	108	57B420-P-Q	290A	57C22-2	179	57D1-43	102A	57D131	126A	57M1-27	123A
57B123-10	75	57B160-6	108	57B420-Q	290A	57C23	129	57D1-44	102A	57D132	126A	57M1-28	123A
57B124-10	104	57B160-7	108	57B421-11	379	57C23-1	129	57D1-45	160	57D133-9	180	57M1-29	123A
57B125-9	123A	57B160-8	108	57B422-8	399	57C23-2	129	57D1-46	160	57D136-12	123A	57M1-30	123A
57B126-12	123A	57B163-12	129	57B423-8	255	57C23-3	129	57D1-47	160	57D143	102	57M1-31	123A
57B128-9	123	57B163-12A	129	57B423-8(Plastic)	399	57C24-1	123A	57D1-48	160	57D156	102	57M1-32	123A
57B129-9	159	57B165-11	128	57B424-11	89	57C24-2	123A	57D1-49	160	57D168	126A	57M1-33	128
57B130-9	159	57B166-12	108	57B428-8	375	57C24-3	123A	57D1-50	160	57D169	102	57M1-34	128
57B130-9A	159	57B167-9	128	57B428-12	375	57C24-4	123A	57D1-51	123A	57D170	102	57M1-35	158
57B131-10	152	57B168	102A	57B428-12P	375	57C27-1	123A	57D1-52	106	57D179-4	107	57M2-1	103A
57B132-10	153	57B168-9	129	57B429-8	398	57C27-2	108	57D1-53	102A	57D180	100	57M2-2	103A
57B133-12	159	57B169	102A	57B429-12	398	57C28	704	57D1-54	109	57D181-12	123AP	57M2-3	158
57B134-12	108	57B169-12	312	57B429-12P	398	57C29-1	706	57D1-55	123A + 159(CP)	57D184	100	57M2-4	158
57B135-12	123A	57B170	102A	57B433-1	100	57C29-1	706	57D1-56	158	57D186	126A	57M2-6	103A
57B136-1	154	57B170-9	128	57B434-1	123A	57C29-2	706	57D1-57	160	57D187	126A	57M2-7	128
57B136-2	154	57B171-9	129	57B458-O	290A	57C68	102A	57D1-58	102A	57D189	102	57M2-8	158
57B136-3	154	57B172-8	190	57B459-Y	399	57C107-1	1545	57D1-59	102A	57D196-10	104	57M2-9	103A
57B136-4	154	57B175-9	130	57B460-11	2302	57C108-9	129	57D1-60	158	57D205-14	375	57M2-10	129
57B136-5	154	57B175-9A	130	57B460-12	2302	57C110-9	129	57D1-61	160	57D206-14	398	57M2-10A	129
57B136-6	154	57B175-12	159	57B485-1	398	57C121-9	123A	57D1-62	109	57D208-8	171	57M2-11	128
57B136-7	154	57B178-12	159	57B493-10	287	57C122-9	129	57D1-63	117A	57D263-11	238	57M2-12	128
57B136-8	154	57B179-4	107	57B1127	102A	57C142-4	161	57D1-64	109	57D269-11	398	57M2-15	129
57B136-9	154	57B180	160	57B1130	160	57C148-12	129	57D1-65	112	57D278-14	375	57M2-15A	129
57B136-10	154	57B180-4	233	57B1131	160	57C148-12A	129	57D1-66	102A	57D279-4	376	57M2-16	154
57B136-11	154	57B181-12	123AP	57B1143	102A	57C156-9	123A	57D1-67	160	57D279-14	376	57M2-17	154
57B136-12	123A	57B182-12	123A	57B1186	160	57C157-9	159	57D1-68	102A	57D285-10	5609	57M2-18	128
57B137-12	159	57B184	160	57C5	103	57C157-90	161	57D1-69	160	57D286-10	375	57M2-506	103A + 158(CP)
57B137-12A	159	57B184-1	123AP	57C5-1	102A	57C164	161	57D1-70	102A	57D296-10	375	57M3-1	130
57B138-4	319P	57B184-12	123A	57C5-3	102A	57C179-4	107	57D1-71	102A	57D402-L	107	57M3-1A	130
57B138-4(Last IF)	233	57B185-12	159	57C5-4	126A	57C181-12	123AP	57D1-72	160	57D413-1	287	57M3-2	130
57B139-4	319P	57B186-11	238	57C5-5	102A	57C182-12	123AP	57D1-73	160	57D418-10	85	57M3-3	128
57B140-12	123A	57B187	160	57C5-6	108	57C184-1	123AP	57D1-74	160	57D419-GR	85	57M3-4	130
57B141-1	108	57B187-12	291	57C5-7	108	57C196-10	375	57D1-75	123A	57D419-GY	85	57M3-4A	130
57B141-2	108	57B188	160	57C5-8	108	57C205-14	375	57D1-76	159	57D419-P	85	57M3-5	175
57B141-3	108	57B188-12	292	57C5-9	126A	57C206-14	398	57D1-76A	159	57D419-P-Q	85	57M3-6	130
57B141-4	161	57B189-8	159	57C5-10	126A	57C208-8	376	57D1-77	158	57D419-Q	85	57M3-6A	130
57B142-1	108	57B191-12	123A	57C6-1	102	57C263-11	238	57D1-78	103A	57D419-Y	85	57M3-7	104
57B142-2	108	57B192-10	124	57C6-2	121	57C277-14	375	57D1-79	102A	57D420-GR	290A	57M3-8	104
57B142-3	108	57B193-11	171	57C6-3	121	57C278-14	375	57D1-80	160	57D420-P-Q	290A	57M3-9N	155
57B142-4	233	57B194-11	123A	57C6-4	123A	57C279-4	376	57D1-81	160	57D420-Q	290A	57M3-9P	131
57B143-1	108	57B194-12	154	57C6-5	103	57C279-11	154	57D1-82	102A	57D421-11	379	57M3-10N	155
57B143-2	108	57B195-10	124	57C6-6	103	57C285-10	5609	57D1-83	102A	57D422-8	399	57M3-10P	131
57B143-3	108	57B196-10	159	57C6-6A	100	57C296-10	375	57D1-84	160	57D423-8	255	57M3-11	155
57B143-4	108	57B197-12	159	57C6-6B	100	57C402-L	107	57D1-85	160	57D423-8(Plastic)	399	57M3-12	131
57B143-5	108	57B198-11	165	57C6-6C	100	57C413-1	287	57D1-86	160	57D424-11	89	57P1	102
57B143-6	108	57B199-11	165	57C6-7	123	57C418-10	86	57D1-87	160	57D428-8	375	57RECT-1021(AU)	552
57B143-7	108	57B200-12	123A	57C6-8	121	57C419-GR	85	57D1-88	160	57D428-12	375	57RECT-SI-1021(AU)	552
57B143-8	108	57B201-14	159	57C6-9	123A	57C419-GY	85	57D1-89	102A	57D428-12P	375	57S-06	5070A
57B143-9	108	57B202-13	123A	57C6-10	124	57C419-P-Q	85	57D1-90	102A	57D429-8	398	57SI-HA11423	1471
57B143-10	108	57B203-14	199	57C6-11	123A	57C419-Q	85	57D1-91	102A	57D429-12	398	57ST-3SK60	454
57B143-11	108	57B205-14	375	57C6-12	124	57C420-GR	290A	57D1-92	102A	57D429-12P	398	57X11	505
57B143-12	123A	57B206-14	398	57C6-13	124	57C421-11	379	57D1-93	102A	57D433-1	100	57Z6	5178A
57B144-12	123A	57B207-8	154	57C6-14	124	57C422-8	399	57D1-94	160	57D434-1	123A	57Z6A	5178A
57B145-12	159	57B208-8	171	57C6-15	129	57C423-8	255	57D1-95	102A	57D458-O	290A	58-000516	724
57B145-12A	159	57B211-8	190	57C6-16	126A	57C423-8(Plastic)	399	57D1-96	160	57D459-Y	399	58-1(Truetone)	123A
57B146-12	123A	57B213-11	165	57C6-17	123	57C424-11	89	57D1-97	102A	57D460-11	2302	58B2-14	160
57B147-12	159	57B214-12	189	57C6-18	23	57C428-8	375	57D1-98	160	57D460-12	2302	58R-104-02	85
57B147-12A	159	57B215-12	159	57C6-19	103A	57C428-12P	375	57D1-99	160	57D485-1	398	58R-104-81	614
57B148-1	129	57B216-12	159	57C6-20	103A	57C429-12	398	57D1-100	160	57D493-10	287	58R-104-82	109
57B148-2	129	57B21											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
59P2C	102A	61-8035(Exidy)	430	61E26	5031A	62-20319	177	63-8707A	130	63-11586	102A	63-14052	123A
59SD-1N34A(AU)	109	61-8062(Exidy)	416	61E27	5012A	62-20360	123A	63-8819	117A	63-11659	5071A	63-14057	123A
59S1-LM393N	943M	61-8121(Exidy)	428	61E28	5114A	62-20437	177	63-8824	116	63-11660	123A	63-14135	727
59S1-UPA53C	123A	61-8968	119	61E30	148A	62-20455	119	63-8825	5072A	63-11661	102A	63-14195	116
59ST-BC548B(CBE)	123A	61-8969	118	61E31	5022A	62-20597	177	63-8845	175	63-11757	123A	63-15345	718
59T27RB	5266AK	61-59395	109	61E32	5016A	62-20643	145A	63-8954	160	63-11758	123A	63-15483	116
59Z6	5120A	61-260039	126A	61E33	5027A	62-21369	116	63-8955	109	63-11759	123A	63-16918	102A
59Z6A	5126A	61-260038A	126A	61E34	5115A	62-21465	123A	63-8970	HIDiv-4	63-11762	125	63-17390	160
60-83893E01	129P	61-309449	130	61E35	5137A	62-21552	177	63-8971	HIDiv-4	63-11831	123A	63-18135	117A
60-83924L02	129P	61-309686	199	61E36	137A	62-21573	5103A	63-8972	HIDiv-4	63-11832	123A	63-18416	100
60-211040	181	61-309687	128	61E37	5077A	62-21574	5077A	63-8973	HIDiv-4	63-11833	123A	63-18418	160
60BC15	6026	61-309688	128	61E38	136A	62-21586	711	63-8974	HIDiv-4	63-11878	175	63-18419	160
60C	116	61-309689	152	61E39	5135A	62-21587	712	63-8975	HIDiv-4	63-11879	109	63-18420	102A
60D	116	61-309690	153	61E40	5010A	62-22038	123A	63-8976	HIDiv-4	63-11881	116	63-18421	102A
60DC15	6026	61A001-10	1082	61E41	135A	62-22039	123A	63-9072	160	63-11916	123A	63-18423	160
60DE10	125	61A001-11	1142	61E42	5071A	62-22250	123A	63-9337	123A	63-11934	123A	63-18424	160
60F1	5842	61A001-12	1052	61E43	5006A	62-22251	123A	63-9338	123A	63-11935	123A	63-18427	104
60F5	5862	61A023-2	1045	61E44	5117A	62-22252	106	63-9339	123A	63-11936	128	63-18430	102A
60FC15	6034	61A030-6	712	61J001-1	123A	62-26597	177	63-9340	123A	63-11937	123A	63-18643	123A
60GC15	6034	61A030-9	1083	61J002-1	123A	62-26851	160	63-9341	123A	63-11938	175	63-19173	173BPS
60H	116	61B002-1	160	61J003-1	123A	62-100092	123A	63-9516	123A	63-11957	116	63-19280	123A
60H3P	5869	61B003-1	126A	61J004-1	102A	62-100093	123A	63-9517	160	63-11989	123A	63-19282	123A
60H3PN	5863	61B004-1	102A	61J2	116	62-100094	123A	63-9518	123A	63-11990	185	63-22724	109
60HF5	6020	61B005-1	102A	61K001-9	1011	62-100412	116	63-9519	102A	63-11991A	130	63-23041	102A
60HF10	6022	61B006-1	102A	61K001-10	801	62-100449	358	63-9520	102A	63-11991A	130	63-25179	102A
60HF15	6026	61B007-1	108	61K001-12	1011	62-100471	113A	63-9521	102A	63-12003	123A	63-25180	102A
60HF20	6026	61B007-2	108	61K001-13	1011	62-100581	116	63-9523	109	63-12004	123A	63-25181	102A
60HF25	6034	61B009-1	102A	61L001-3	1213	62-100581	116	63-9524	102A	63-12006	123A	63-25182	102A
60HF30	6034	61B0015-1	102A	61L001-5	1257	62-100617	116	63-9525	102A	63-12007	117A	63-25261	158
60HF35	6034	61B015-1	102A	61L001-6	1258	62-100624	116	63-9526	160	63-12110	5071A	63-25281	102A
60HF40	6034	61B016-1	102A	61L001-8	1251	62-100678	126A	63-9783	5072A	63-12154	159	63-25282	102A
60HF45	6040	61B017-1	102A	61P1	126A	62-100683	126A	63-9784	117A	63-12154A	159	63-25342	110MP
60HF50	6040	61B018-1	102A	61P1D	160	62-100768	5521	63-9785	123A	63-12156	159	63-25720	102A
60HF60	6040	61B019-1	102A	61P10	126A	62-100944	109	63-9830	123A	63-12156A	159	63-25726	160
60HF80	6042	61B020-1	102A	61SI-SN74145N	74145	62-101078	160	63-9831	123A	63-12157	159	63-25727	102A
60HF100	6044	61B021-1	102A	61ST-BC557B(CBE)	159	62-101087	160	63-9832	123A	63-12157A	159	63-25728	102A
60HFR5	6021	61B022-2	102A	61T4	5401	62-101089	126A	63-9833	123A	63-12158	109	63-25729	102A
60HFR10	6027	61B022-3	102A	61Z6	5122A	62-101119	160	63-9834	123A	63-12159	123A	63-25933	109
60HFR15	6027	61B023-1	102A	61Z6A	5183A	62-101154	177	63-9876	160	63-12162	123A	63-25934	102A
60HFR20	6027	61B026-1	102A	61Z6B	5183A	62-7567	116	63-9877	160	63-12163	167	63-25944	102A
60HFR25	6035	61B027-1	158	62-8781	160	62A02	116	63-9883	HIDiv-3	63-12316	102A	63-25946	100
60HFR30	6035	61B042-9	1003	62-10234	109	62A04	116	63-9884	HIDiv-3	63-12317	102A	63-26382	109
60HFR35	6035	61B1C	783	62-10655	109	62A05	116	63-9885	HIDiv-1	63-12317	125	63-26387	116
60HFR40	6035	61B22	783	62-12034	109	62A11868	123A	63-9886	HIDiv-12	63-12605	123A	63-26389	100
60HFR45	6041	61B45-14	102A	62-13258	102A	62A11871	159	63-9886	HIDiv-3	63-12607	109	63-26850	160
60HFR50	6041	61C001-1	123	62-13259	103A	62B046-1	152	63-9887	HIDiv-3	63-12608	123A	63-26851	102A
60HFR60	6041	61C001-2	1123	62-13261	116	62B046-2	152	63-9887	HIDiv-3	63-12609	123A	63-27278	100
60HFR80	6043	61C001-3	712	62-13477	116	62B046-3	152	63-9888-02	HIDiv-3	63-12610	160	63-27279	100
60HFR100	6045	61C001-4	1263	62-13494	102A	62B046-4	152	63-9941	160	63-12611	123A	63-27280	100
60HR3N	5823	61C001-5	1264	62-15318	109	62J2	116	63-9942	142A	63-12612	123A	63-27281	102A
60HR3P	5822	61C001-6	1265	62-15483	116	62R2R	5944	63-10026-01(Exidy)	519	63-12645	109	63-27366	160
60J1	5806	61C001-7	1266	62-16013	113A	62ST-2SC458	85	63-10035	160	63-12646	158	63-27367	100
60J2	116	61C001-8	1267	62-16711	116	62ST-2SC458C	85	63-10036	160	63-12647	158	63-27368	117A
60J2P	5882	61C001-9	1268	62-16712	113A	62T4	5402	63-10037	102A	63-12648	123A	63-27500	160
60J3P	5882	61C001-10	1168	62-16769	109	62VB10	5313	63-10038	102A	63-12649	123A	63-27622	116
60JC15	6040	61C001-11	1269	62-16841	109	62Z6	5124A	63-10062	175	63-12698	158	63-28250	109
60JH3	6064	61C001-12	1223	62-16905	123A	62Z6A	5124A	63-10064	116	63-12699	123A	63-28348	160
60K	129/400	61C001-13	1270	62-16918	102A	63-3954	160	63-10145	160	63-12707	123A	63-28349	160
60L20	525	61C001-14	9400	62-16919	175	63-5058	5105A	63-10146	160	63-12750	123A	63-28390	102A
60LA	156	61C001-15	9200	62-17232	112	63-7246	158	63-10147	102A	63-12751	123A	63-28399	102A
60LC15	6042	61C001-16	9401	62-17390	160	63-7247	102A	63-10148	160	63-12752	123A	63-28426	154
60M	116	61C001-17	1266	62-17391	160	63-7248	103A	63-10149	160	63-12753	123A	63-28427	109
60MQ30	6094	61C001-18	1408	62-17550	123A	63-7396	102A	63-10150	160	63-12754	109	63-28428	109
60MQ40	6094	61C001-30	1405	62-18135	116	63-7397	102A	63-10151	102A	63-12755	109	63-28429	117A
60NC15	6044	61C001-31	712	62-18337	113A	63-7398	102A	63-10152	102A	63-12756	109	63-28459	121
60P19009	162	61C001-32	1428	62-18415	100	63-7399	102A	63-10153	102A	63-12757	109	63-28461	123A
60P22204	191	61C001-33	1425	62-18416	100	63-7420	102A	63-10154	102A	63-12874	123A	63-28462	160
60S1	5812	61C001-34	1421	62-18417	100	63-7421	123A	63-10155	102A	63-12875	123A	63-28463	100
60S5	5842	61C001-35	1412	62-18418	160	63-7433	116	63-10156	102A	63-12876	102A	63-28464	100
60S03S	6094	61C001-36	1419	62-18419	160	63-7538	160	63-10159	102A	63-12877	123A	63-28465	100
60SB04S	6094	61C001-38	1408	62-18420	102A	63-7541	160	63-10188	123A	63-12878	123A	63-28466	102A
60SZ-RD9.1EB2	5018A	61C002-1	102	62-18421	102A	63-7547	100	63-10195	160	63-12879	123A	63-28467	102A
60T4	5400	61C002-2	1427	62-18422	160	63-7548	160	63-10196	160	63-12880	102A	63-28468	160
60Z6	5182A	61C002-3	9402	62-18423	100	63-7549	103A	63-10200	100	63-12881	102A	63-28469	160
60Z6A	5182A	61C003-1	102	62-18424	100	63-7564	100	63-10375	160	63-12933	123A	63-28470	160
61-259	109	61C004-1	128	62-18425	123A	63-7565	103A	63-10376	160	63-12940	123A	63-28471	160
61-309-458	128	61C005-1	121	62-18426	154	63-7567	123A	63-10377	123A	63-12941	123A	63-28472	160
61-607	102A	61C06-1	HIDiv-1	62-18427	104	63-7579	160	63-10378	121	63-12942	123A	63-28473	112
61-608	102A	61C06-2	HIDiv-1	62-18428	121	63-7580	160	63-10383	103A	63-12943	123A	63-28474	116

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
65-1A3	160	65A10R	160	65-P11324-0001	519	66-38	102A	66F0271	123A	66F1671	165	67-30201-05	613
65-1A3P	160	65A12	160	65-P11325-0001	519	66-2246	116	66F0291	123A	66F1681	196	67-31043-05	810
65-1A4	160	65A13	160	65S1-HA11580	1196	66-6023	102A	66F0341	108	66F1741	794	67-32009-01	157
65-1A4-7	160	65A13P	160	65ST-25A733R	290A	66-6023-00	102A	66F0342	108	66F1742	794	67-32109-02	1572
65-1A4-7B	160	65A14	160	65ST-25C454B	85	66-6024-00	102A	66F0371	199	66F1751	808	67-34002-06	116
65-1A5	160	65A14-7	160	66-25C535B	107	66-6025-00	102A	66F0381	109	66F1761	809	67-34003-06	116
65-1A5L	160	65A14-7B	160	65T1	102A	66-6026-00	102A	66F0391	172A	66F1771	791	67-34148-04	519
65-1A6	160	65A15	160	65Z6	5188A	66-6027-00	102A	66F0393	410/172A	66F2011	795	67-34148-07	519
65-1A6-5	160	65A15L	160	65Z6A	5188A	66-6028-00	102A	66F0411	159	66F10010	5097A	67-35221-04	5010A
65-1A7	160	65A16	160	65A16	160	66-6030-00	116	66F0412	159	66F10011	5082A	67-35402-06	5802
65-1A7-1	160	65A16-3	160	66-1-70	102A	66-6031-00	116	66F0413	159	66J2	116	67-40060-01	109
65-1A8	160	65A17	160	66-1-70-12	102A	66-6033	102A	66F0414	159	66J2	123A	67-40060-02	109
65-1A8-5	160	65A17-1	160	66-1-70-12-7	102A	66-8504	125	66F0421	181	66-P11120	159	67-50208-20	3183
65-1A9	160	65A18	160	66-1A	102A	66-10011-01(Exidy)	123AP	66F0451	159	66-P11121-0001	159	67-50208-50	3164
65-1A19	160	65A19	160	66-1A0	102A	66-10021-01(Exidy)	159	66F0454	159	66-P11120	159	67-51703-02	1402
65-1A21	160	65A19G	160	66-1A0R	102A	66-10815-01	128	66F0573	123A	66-P11139	129	67-90430-01	615A
65-1A82	160	65A-70	160	66-1A1	102A	66-10816-01	123AP	66F0581	188	66-P11141	129	67-91603-01	778A
65-2	103A	65A-70-12	160	66-1A2	102A	66-10817-01	159	66F0644	116	66R1	583	67-100-87	289
65-2-70	103A	65A-70-12-7	160	66-1A3	102A	66-10818-01	123AP	66F0731	123A	66R125	583	67A9060	199
65-2-70-12	103A	65A119	160	66-1A3P	102A	66-10819-01	324	66F0741	228A	66S00000A	128	67J2	125
65-2-70-12-7	103A	65A121	160	66-1A4	102A	66-10820-01	323	66F0742	228A	66S-159-1	523/3306	67J2A	125
65-2A0	103A	65A182	160	66-1A4-7	102A	66-10821-01	194	66F0751	186	66ST-25C1514BK	376	67P1C	121
65-2A0R	103A	65A11573	159	66-1A4-7B	102A	66-10822-01	285	66F0752	186	66S2-ED10EB3	5019A	67P2C	121
65-2A1	103A	65B	126A	66-1A5	102A	66-10823-01	284	66F0753	186	66X0003	358	67P2C	121
65-2A2	103A	65B1	126A	66-1A5L	102A	66-10824-01	197	66F0754	186	66X0003-001	358	67P3C	121
65-2A2P	103A	65B3	126A	66-1A6	102A	66-10825-01	196	66F0755	186	66X0003-1	358	67P3C	121
65-2A4	103A	65B4	126A	66-1A6-3	102A	66-11502-02	233	66F0771	712	66X0007-104	108	67S-100-151	1234
65-2A4-7	103A	65B5	126A	66-1A7	102A	66-11502-03	233	66F0772	712	66X0020-001	109	67S-100-152	1226
65-2A4-7B	103A	65B6	126A	66-1A7-1	102A	66-11702-1	123AP	66F29-1	123A	66X0023-001	116	67S-100-153	1052
65-2A6	103A	65B7	126A	66-1A8	102A	66-19013-07J	123AP	66F112-1	522	66X0023-002	116	67S-100-155	85
65-2A6-1	103A	65B8	126A	66-1A9	102A	66-19014-03J(EBC)	199	66F112-2	522	66X0023-003	116	67S-100-156	289
65-2A7	103A	65B9	126A	66-1A9G	102A	66-19400-00	184	66F125-1	793	66X0023-004	116	67S-310-81	116
65-2A7-1	103A	65B10	126A	66-1A19	102A	66-19400-01	184	66F136-1	793	66X0023-005	116	67S-310-82	177
65-2A8	103A	65B10R	126A	66-1A21	102A	66-20324-00	395	66F159-1	523/3306	66X0023-007	116	67S-310-83	5018A
65-2A8-1	103A	65B11	126A	66-1A82	102A	66-20324-01	153	66F159-2	523/3306	66X0023-008	116	67S-310-87	1293
65-2A9	103A	65B12	126A	66-2	102A	66-29015-03J	159	66F159-3	523/3306	66X0023-009	116	67S-310-88	85
65-2A9G	103A	65B13	126A	66-2-70	102A	66-127119	123A	66F159-4	523/3306	66X0023-010	116	67S-310-89	289A
65-2A9G	103A	65B13P	126A	66-2-70-12	102A	66-147234	4011B	66F175-1	808	66X0024-000	113A	67S-310-90	85
65-2A9G	103A	65B14	126A	66-2-70-12-7	102A	66-17234	154	66F176-1	808	66X0025-000	113A	67S-400-62	116
65-2A9G	103A	65B14-7	126A	66-2A	102A	66-174737	1469	66F176-2	808	66X0025-000-001	113A	67S-400-63	177
65-2A19	103A	65B14-7B	126A	66-2A0	102A	66-147438	712	66F181-1	522	66X0025-001	113A	67S-400-64	5018A
65-2A21	103A	65B15	126A	66-2A0R	102A	66-147464	615A	66F181-2	522	66X0028-001	116	67S-400-151	1234
65-2A82	103A	65B15L	126A	66-2A1	102A	66-148235	778A	66F181-3	522	66X0028-002	116	67S-400-152	1226
65-4	101	65B16	126A	66-2A2	102A	66-150430	1558	66F181-4	522	66X0028-003	116	67S-400-153	1052
65-4-70	101	65B16-2	126A	66-2A3	102A	66-151333	1409	66F181-5	522	66X0028-004	116	67S-400-155	85
65-4-70-12	101	65B17	126A	66-2A3P	102A	66-156696	960	66F181-6	522	66X0030-001	116	67S-400-156	289A
65-4-70-12-7	101	65B17-1	126A	66-2A4	102A	66-156709	906	66F181-7	522	66X0030-002	116	67S-400-157	85
65-4A	101	65B18	126A	66-2A4-7	102A	66-156709A	906	66F181-8	522	66X0030-003	116	67S-400-158	289A
65-4A0	101	65B19	126A	66-2A4-7B	102A	66A00008A	123A	66F181-9	522	66X0030-004	116	67S-400-159	85
65-4A0R	101	65B19G	126A	66-2A5	102A	66A00010A	123A	66F181-10	522	66X0030-005	116	67S-400-160	289A
65-4A1	101	65B20	126A	66-2A5L	102A	66A10298	128	66F181-11	522	66X0030-006	116	67S-400-161	1234
65-4A2	101	65B21	126A	66-2A6	102A	66A10310	234	66F181-12	522	66X0030-007	116	67S-400-162	1226
65-4A3	101	65B22	126A	66-2A6-1	102A	66A10319	234	66F181-13	522	66X0030-008	116	67S-400-163	1052
65-4A3P	101	65B23	126A	66-2A7	102A	66A10319A	234	66F181-14	522	66X0030-009	116	67S-400-164	85
65-4A4	101	65B24	126A	66-2A7-1	102A	66A10319B	234	66F181-15	522	66X0030-010	116	67S-400-165	289A
65-4A4-7	101	65B25	126A	66-2A8	102A	66C6-1	HIDiv-1	66F181-16	522	66X0030-011	116	67S-400-166	85
65-4A4-7B	101	65B26	126A	66-2A8-1	102A	66C6-2	HIDiv-1	66F181-17	522	66X0030-012	116	67S-400-167	289A
65-4A5	101	65B27	126A	66-2A9	102A	66C6-3	HIDiv-1	66F181-18	522	66X0030-013	116	67S-400-168	85
65-4A5L	101	65B28	126A	66-2A9-1	102A	66C6-4	HIDiv-1	66F181-19	522	66X0030-014	116	67S-400-169	289A
65-4A6	101	65B29	126A	66-2A9G	102A	66C6-5	HIDiv-1	66F181-20	522	66X0030-015	116	67S-400-170	85
65-4A6-1	101	65B30	126A	66-2A9G-1	102A	66C6-6	HIDiv-1	66F181-21	522	66X0030-016	116	67S-400-171	289A
65-4A6-2	101	65B31	126A	66-2A21	102A	66C6-7	HIDiv-1	66F181-22	522	66X0030-017	116	67S-400-172	85
65-4A7	101	65B32	126A	66-2A21-1	102A	66C6-8	HIDiv-1	66F181-23	522	66X0030-018	116	67S-400-173	289A
65-4A7-1	101	65B33	126A	66-2A21-2	102A	66C6-9	HIDiv-1	66F181-24	522	66X0030-019	116	67S-400-174	85
65-4A8	101	65B34	126A	66-2A21-3	102A	66C6-10	HIDiv-1	66F181-25	522	66X0030-020	116	67S-400-175	289A
65-4A9	101	65B35	126A	66-2A21-4	102A	66C6-11	HIDiv-1	66F181-26	522	66X0030-021	116	67S-400-176	85
65-4A9G	101	65B36	126A	66-2A21-5	102A	66C6-12	HIDiv-1	66F181-27	522	66X0030-022	116	67S-400-177	289A
65-4A19	101	65B37	126A	66-2A21-6	102A	66C6-13	HIDiv-1	66F181-28	522	66X0030-023	116	67S-400-178	85
65-4A21	101	65B38	126A	66-2A21-7	102A	66C6-14	HIDiv-1	66F181-29	522	66X0030-024	116	67S-400-179	289A
65-4A21-1	101	65B39	126A	66-2A21-8	102A	66C6-15	HIDiv-1	66F181-30	522	66X0030-025	116	67S-400-180	85
65-4A21-2	101	65B40	126A	66-2A21-9	102A	66C6-16	HIDiv-1	66F181-31	522	66X0030-026	116	67S-400-181	289A
65-4A21-3	101	65B41	126A	66-2A21-10	102A	66C6-17	HIDiv-1	66F181-32	522	66X0030-027	116	67S-400-182	85
65-4A21-4	101	65B42	126A	66-2A21-11	102A	66C6-18	HIDiv-1	66F181-33	522	66X0030-028	116	67S-400-183	289A
65-4A21-5	101	65B43	126A	66-2A21-12	102A	66C6-19	HIDiv-1	66F181-34	522	66X0030-029	116	67S-400-184	85
65-4A21-6	101	65B44	126A	66-2A21-13	102A	66C6-20	HIDiv-1	66F181-35	522	66X0030-030	116	67S-400-185	289A
65-4A21-7	101	65B45	126A	66-2A21-14	102A	66C6-21	HIDiv-1	66F181-36	522	66X0030-031	116	67S-400-186	85
65-4A21-8	101	65B46	126A	66-2A21-15	102A	66C6-22	HIDiv-1	66F181-37	522	66X0030-032	116	67S-400-187	2

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
68RP60	5572	70C50	5572	70HFR60	6065	71RA120	5574	73C180499-5	154	74C10	74C10	74LS03	74LS03
68RP80	5574	70C50B	5572	70HFR80	6069	71RB50	5572	73C180499-6	154	74C10N	74C10	74LS03A	74LS03
68RS100	5574	70C50BF	5572	70HFR100	6073	71RB80	5572	73C180828-12	152	74C14N	74C14	74LS03PC	74LS03
68RS120	5572	70C50BIL	5572	70HR120	6079	71RB80	5574	73C180829-11	152	74C20N	74C20	74LS04	74LS04
68S-200-91	116	70C50F	5577	70HR5	6049	71RB100	5574	73C180829-12	152	74C42N	74C42	74LS04A	74LS04
68S-200-92	116	70C50IL	5572	70HR5A	6075	71RB110	5574	73C180830-11	153	74C48N	74C48	74LS04P	74LS04
68S-200-93	177	70C80	5572	70HR10	6051	71RB120	5574	73C180830-12	153	74C73N	74C73	74LS04PC	74LS04
68S-200-94	5018A	70C80B	5572	70HR10A	6075	71RC10A	5570	73C180831-1	159	74C74N	74C74	74LS05	74LS05
68S-200-97	1170	70C80BF	5577	70HR15	6055	71RC20A	5570	73C180831-2	159	74C76N	74C76	74LS05A	74LS05
68S-200-98	1285	70C80BIL	5572	70HR15A	6075	71RC30A	5572	73C180831-3	234	74C85N	74C85	74LS05PC	74LS05
68S-200-99	1286	70C80F	5577	70HR20	6055	71RC40A	5572	73C180837-1	713	74C90N	74C90	74LS08	74LS08
68S-200-100	85	70C80IL	5572	70HR20A	6075	71RC50A	5572	73C180837-2	713	74C93N	74C93	74LS08A	74LS08
68S-200-101	289A	70C70	5574	70HR25A	6061	71RC60A	5572	73C180837-3	713	74C151N	74C151	74LS08PC	74LS08
68S-200-102	1170	70C70B	5574	70HR25	6077	71RC80A	5574	73C180837F1	790	74C154	74C154	74LS09	74LS09
68SI-HA11436	1650	70C70BF	5579	70HR30	6061	71RECT-SI-1019	552	73C180837F2	713	74C154-9	74C154	74LS09DB	74LS09
68-ST2SD819	389	70C70BIL	5574	70HR30A	6077	71REH60	5572	73C180838-1	749	74C154N	74C154	74LS09PC	74LS09
68ST-2SD819	389	70C70F	5579	70HR40	6061	71REH80	5574	73C180838-2	749	74C157	74C157	74LS10	74LS10
68ST-MPS9700E	123A	70C70IL	5574	70HR50	6065	71REH100	5574	73C180838-3	749	74C157-9	74C157	74LS10A	74LS10
68SZ-RD12FB3	142A	70C80	5574	70HR50A	6077	71REH110	5574	73C180843-1	783	74C157N	74C157	74LS10N	74LS10
68X0003	358	70C80B	5574	70HR60	6065	71REH120	5574	73C180843-2	783	74C161	74C161	74LS10PC	74LS10
68X0003-001	358	70C80BF	5579	70HR60A	6077	71SZ-RD12B(AU)	5021A	73C180843-3	783	74C161-9	74C161	74LS11	74LS11
68X0040-004	5084A	70C80BIL	5574	70HR60A	6077	71SZ-LD12B(AU)	5021A	73C180843-4	783	74C161N	74C161	74LS11A	74LS11
68X0040-005	140A	70C80F	5574	70HR70	6079	72-006327-1	116	73C181254	522	74C164	74C164	74LS11PC	74LS11
68Z2	1V040	70C80IL	5574	70HR70A	6079	72-006327-1	116	73C181260-1	HIDiv-4	74C164-9	74C164	74LS12	74LS12
68Z6	5130A	70C90	5574	70HR80	6069	72-028-9-002	306	73C181260-2	HIDiv-4	74C164N	74C164	74LS12DB	74LS12
68Z6A	5130A	70C90B	5574	70HR80A	6079	72-11	116	73C181260-3	HIDiv-4	74C173	74C173	74LS12DC	74LS12
69-001	229	70C90BF	5574	70HR90A	6079	72-15	116	73C181260-4	HIDiv-4	74C173-9	74C173	74LS12J	74LS12
69-102	179	70C90BIL	5574	70HR100	6073	72-13	117	73C181260-5	HIDiv-4	74C173N	74C173	74LS12L	74LS12
69-112	179	70C90F	5579	70HR100A	6079	72-27200-5	417	73C181260-6	HIDiv-4	74C174	74C174	74LS12N	74LS12
69-206	29	70C90IL	5574	70HR120A	6079	72-27200-6	418	73C181260-7	HIDiv-4	74C174-9	74C164	74LS12P	74LS12
69-2246	116	70C100	5574	70HR120A	6079	72-27200-7	419	73C181260-8	HIDiv-4	74C174N	74C174	74LS13	74LS13
69-2401	804	70C100B	5574	70M10	6354	72-27200-8	420	73C181260-9	HIDiv-4	74C175	74C175	74LS13D	74LS13
69-2403	804	70C100BF	5579	70M15	6354	72-34063-1A	435014	73C181260-10	HIDiv-4	74C175-9	74C175	74LS13DB	74LS13
69-2922	109	70C100BIL	5574	70M20	6354	72-34063-2A	435016	73C181260-11	HIDiv-4	74C175N	74C175	74LS13DC	74LS13
69-3116	804	70C100F	5579	70M30	6354	72-34063-3	435016	73C181260-12	HIDiv-4	74C192	74C192	74LS13J	74LS13
69A49728-P1	177	70C100IL	5574	70M40	6354	72-34063-5	407	73C181260-13	HIDiv-4	74C192-9	74C192	74LS13L	74LS13
69AJ110	218	70C110	5574	70M60	6354	72-34063-5	407	73C181260-14	HIDiv-4	74C192N	74C192	74LS13N	74LS13
69B1M	715	70C110B	5574	70M80	6358	72B2B	739	73C181260-15	HIDiv-4	74C193	74C193	74LS13P	74LS13
69B1Z	715	70C110BF	5579	70M100	6358	72N1	108	73C181260-16	HIDiv-4	74C193-9	74C193	74LS13PC	74LS13
69B2Z	715	70C110BIL	5574	70M100	6358	72N1B	128	73C181260-17	HIDiv-4	74C193N	74C193	74LS14	74LS14
69L-4A5L	102A	70C110F	5579	70MA15	6355	72N2	108	73C181260-18	HIDiv-4	74C221	74C221	74LS14A	74LS14
69N1	108	70C110IL	5574	70MA20	6355	72RC20A	5575	73C182051-1	522	74C221-0	74C221	74LS14N	74LS14
69SP112	129	70C120	5574	70MA30	6355	72RC30A	5577	73C182051-2	522	74C221N	74C221	74LS14PC	74LS14
69ST-2SD313F	152	70C120B	5574	70MA40	6355	72RC40A	5577	73C182051-3	522	74C373J	74C373	74LS15	74LS15
70-0032519-003	449	70C120BF	5579	70MA60	6357	72RA80	5579	73C182077	728	74C374	74C374	74LS15D	74LS15
70-943-083-002	519	70C120BIL	5574	70MA80	6359	72RA100	5579	73C182080-33	154	74C374J	74C374	74LS15J	74LS15
70-943-083-003	519	70C120F	5579	70MA100	6359	72RA120	5579	73C182082-31	129A	74C374N	74C374	74LS15L	74LS15
70-943-722-001	123A	70C120IL	5574	70N1	123A	72RB50	5577	73C182088-31	154	74C922	74C922	74LS15N	74LS15
70-943-754-002	123A	70D5010	2V130	70N2	123	72RB60	5577	73C182186	712	74C922N	74C922	74LS15P	74LS15
70-943-762-001	123A	70F40	116	70N3	107	72RB80	5577	73C182186-1	712	74C923	74C923	74LS15PC	74LS15
70-943-772-002	123A	70H5	6048	70N4	123A	72RB100	5579	73C182186-2	712	74C923N	74C923	74LS20	74LS20
70-943-773-001	234	70H5A	6074	70R2S	5890	72RB110	5579	73C182186-3	712	74C925	74C925	74LS20PC	74LS20
70-32519-3	449	70H5AR	6075	70S40	116	72RC20A	5575	73C182186-4	712	74C925-9	74C925	74LS21	74LS21
70-270050	125	70H5R	6049	70SD-1SV124	610	72RC30A	5575	73C182186-5	712	74C925N	74C925	74LS21D	74LS21
70B1Z	714	70H10	6050	70ST-2SC945Q	85	72RC40A	5577	73C182186-6	712	74C925N	74C925	74LS21DB	74LS21
70C025	5570	70H10A	6074	70T40	116	72RC50A	5577	73C182186-7	712	74C925N	74C925	74LS21F	74LS21
70C025B	5570	70H10AR	6075	70U5	6354	72RC60A	5577	73C182186-8	712	74C925N	74C925	74LS21J	74LS21
70C025BF	5575	70H10R	6050	70U5R	6355	72RC80A	5579	73C182186-9	712	74C925N	74C925	74LS21L	74LS21
70C025BIL	5570	70H15	6054	70U10	6354	72REH60	5577	73C182186-10	712	74C925N	74C925	74LS21N	74LS21
70C025F	5575	70H15A	6074	70U10R	6355	72REH80	5579	73C182186-11	712	74C925N	74C925	74LS21P	74LS21
70C025IL	5570	70H15AR	6075	70U15A	6354	72REH100	5579	73C182186-12	712	74C925N	74C925	74LS21PC	74LS21
70C050	5570	70H15R	6055	70U15AR	6355	72REH110	5579	73C182186-13	712	74C925N	74C925	74LS21J	74LS21
70C050B	5570	70H20	6054	70U20	6354	72REH120	5579	73C182186-14	712	74C925N	74C925	74LS21L	74LS21
70C050BF	5575	70H20A	6074	70U20R	6355	72S1-70747P	5579	73C182186-15	712	74C925N	74C925	74LS21N	74LS21
70C050BIL	5570	70H20AR	6075	70U25A	6354	72S1-25C900B	199	73C182186-16	712	74C925N	74C925	74LS21P	74LS21
70C050F	5575	70H20R	6055	70U25AR	6355	72S1-25D900B	89	73C182186-17	712	74C925N	74C925	74LS21PC	74LS21
70C050IL	5570	70H25	6060	70U30	6354	72S1-MPS9750F	159	73C182186-18	712	74C925N	74C925	74LS21J	74LS21
70C10	5570	70H25A	6076	70U30R	6355	72S1-MPS9750G	159	73C182186-19	712	74C925N	74C925	74LS21L	74LS21
70C10B	5570	70H25AR	6075	70U35	6354	72S1-MPS9750F	159	73C182186-20	712	74C925N	74C925	74LS21N	74LS21
70C10BF	5575	70H25R	6061	70U35R	6355	72S1-MPS9750F	159	73C182186-21	712	74C925N	74C925	74LS21P	74LS21
70C10BIL	5570	70H30	6060	70U40	6354	72S1-MPS9750G	159	73C182186-22	712	74C925N	74C925	74LS21PC	74LS21
70C10F	5575	70H30A	6076	70U40R	6355	72S1-MPS9750G	159	73C182186-23	712	74C925N	74C925	74LS21J	74LS21
70C10IL	5570	70H30AR	6061	70U60	6356	72S1-MPS9750G	159	73C182186-24	712	74C925N	74C925	74LS21L	74LS21
70C15	5570	70H30R	6061	70U60R	6357	73-15	145A	73C182186-25	712	74C925N	74C925	74LS21N	74LS21
70C15B	5570	70H40	6060	70U70A	6358	73-17	5075A	73C182186-26	712	74C925N	74C925	74LS21P	74LS21
70C15BF	5575	70H40A	6076	70U70AR	6359	73-29(ZENER)	5137A	73C182186-27	712	74C925N	74C925	74LS21PC	74LS21
70C15BIL	5570	70H40AR	6077	70U80	6358	73-31	136A	73C182186-28	712	74C925N	74C925	74LS21J	74LS21
70C15F	5575	70H40R	6076	70U80R	6359	73-44(MAG-Zener)	136A	73C182186-29	71				

ECG SEMICONDUCTOR REPLACEMENT GUIDE

74LS33M through 75Z33

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
74LS33M	74LS33	74LS91M	74LS91	74LS145J	74LS145	74LS169D1	74LS169A	74LS258BN	74LS258	74LS379DC	74LS379	74ST-25C785-0(ECB)	229
74LS33S	74LS33	74LS91N	74LS91	74LS145M	74LS145	74LS169DC	74LS169A	74LS258D	74LS258	74LS379PC	74LS379	74Z26	5241A
74LS33P	74LS33	74LS91P	74LS91	74LS145N	74LS145	74LS169J	74LS169A	74LS258DB	74LS258	74LS386	74LS386	74Z6A	5241A
74LS33PC	74LS33	74LS92	74LS92	74LS145P	74LS145	74LS169N	74LS169A	74LS386C	74LS386	74LS386C	74LS386	75-100-001	519
74LS37	74LS37	74LS92DB	74LS92	74LS145PC	74LS145	74LS169P	74LS169A	74LS258F	74LS258	74LS386J	74LS386	75-461	102A
74LS37D	74LS37	74LS92PC	74LS92	74LS148	74LS148	74LS169PC	74LS169A	74LS258J	74LS258	74LS386M	74LS386	75B1Z	801
74LS37DB	74LS37	74LS93	74LS93	74LS148C	74LS148	74LS170	74LS170	74LS258L	74LS258	74LS386N	74LS386	75B1Z	801
74LS37J	74LS37	74LS93A	74LS93	74LS148J	74LS148	74LS170D	74LS170	74LS258M	74LS258	74LS386P	74LS386	75C-100-81	177
74LS37L	74LS37	74LS93PC	74LS93	74LS148M	74LS148	74LS170DB	74LS170	74LS258P	74LS258	74LS386PC	74LS386	75C-100-82	5018A
74LS37L	74LS37	74LS95A	74LS95B	74LS148N	74LS148	74LS170DC	74LS170	74LS258PC	74LS258	74LS390DC	74LS390	75C-100-84	1248-φ
74LS37N	74LS37	74LS95B	74LS95B	74LS148P	74LS148	74LS170F	74LS170	74LS259	74LS259	74LS393DC	74LS393	75C-100-85	1293
74LS37P	74LS37	74LS95B1	74LS95B	74LS151	74LS151	74LS170J	74LS170	74LS259PC	74LS259	74LS393PC	74LS393	75C-100-86	1170
74LS37PC	74LS37	74LS95BB1	74LS95B	74LS151B	74LS151	74LS170L	74LS170	74LS260	74LS260	74LS393C	74LS393	75C-100-87	85
74LS38	74LS38	74LS95BC	74LS95B	74LS151PC	74LS151	74LS170M	74LS170	74LS260B1	74LS260	74LS393DC	74LS393	75D01	5454
74LS38A	74LS38	74LS95BD	74LS95B	74LS153	74LS153	74LS170P	74LS170	74LS260D	74LS260	74LS395PC	74LS395A	75D02	5455
74LS38N	74LS38	74LS95BD1	74LS95B	74LS153B	74LS153	74LS170PC	74LS170	74LS260D1	74LS260	74LS398	74LS398	75D03	5431
74LS38PC	74LS38	74LS95BDC	74LS95B	74LS153PC	74LS153	74LS173	74LS173	74LS260DC	74LS260	74LS398J	74LS398	75D04	5431
74LS40	74LS40	74LS95BF	74LS95B	74LS155	74LS155	74LS173PC	74LS173	74LS260F	74LS260	74LS398N	74LS398	75D05	5422
74LS40D	74LS40	74LS95BJ	74LS95B	74LS155D	74LS155	74LS174	74LS174	74LS260J	74LS260	74LS399	74LS399	75D06	5455
74LS40DB	74LS40	74LS95BM	74LS95B	74LS155DB	74LS155	74LS174B	74LS174	74LS260N	74LS260	74LS424	8224	75D1	116
74LS40DC	74LS40	74LS95BN	74LS95B	74LS155DC	74LS155	74LS174PC	74LS174	74LS260P	74LS260	74LS424J	8224	75D5	125
74LS40J	74LS40	74LS95BP	74LS95B	74LS155F	74LS155	74LS175	74LS175	74LS260PC	74LS260	74LS490DC	74LS490	75D10	125
74LS40L	74LS40	74LS95BPC	74LS95B	74LS155J	74LS155	74LS175B	74LS175	74LS268	74LS268	74LS490PC	74LS490	75D240SSR	B75240
74LS40N	74LS40	74LS95BD1	74LS95B	74LS155N	74LS155	74LS175PC	74LS175	74LS268A	74LS268	74LS541PC	74LS541	75D480SSR	B75480
74LS40P	74LS40	74LS107	74LS107	74LS155N	74LS155	74LS181	74LS181	74LS268PC	74LS268	74LS643	74LS643	75E05R	6355

When basing of original part differs from ECG replacement, basing for original part is shown in parentheses () after the part number. For example, the 2SA509A(ECB) is replaced by ECG159 which has "ECB" basing.

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
75Z33A.....	147A	77A1.....	105	77C-142-87.....	85	79F114-3.....	128	81-46123004-5.....	116	82-743-618-01.....	1214	84A0.....	121
75Z33B.....	147A	77A2.....	105	77C-142-88.....	289A	79F114-4.....	129	81-46123004-7.....	116	82-743-622-01.....	159	84A1.....	121
75Z33C.....	147A	77A3.....	105	77C-142-89.....	85	79F114-4A.....	129	81-46123005.....	116	82-743-623-01.....	159	84A2.....	121
75Z36.....	148A	77A4.....	105	77C182.....	123A	79F150-2.....	358	81-46123006-2.....	109	82-743-624-01.....	108	84A3.....	121
75Z56A.....	148A	77A5.....	105	77C800-005.....	9930		358	81-46123010-4.....	5444	82-743-625-01.....	199	84A4.....	121
75Z56B.....	148A	77A6.....	105	77C800-007.....	9932	79F151.....	118	81-46123011-2.....	116	82-743-626-01.....	123AP	84A5.....	121
75Z56C.....	148A	77A7.....	105	77C800-008.....	9946	79F153.....	120	81-46123012-2.....	116	82-743-627-01.....	123AP	84A6.....	121
75Z62.....	149A	77A8.....	105	77C813-002.....	9946	79F153(VR).....	1917	81-46123013-8.....	109	82-743-628-01.....	123AP	84A7.....	121
75Z62A.....	149A	77A9.....	105	77C10891-2.....	941	79F153AUC.....	861	81-46123014-6.....	109	82-743-630-01.....	196	84A8.....	121
75Z62B.....	149A	77A10.....	105	77N1.....	123A	79P1.....	102A	81-46123015-3.....	109	82-743-632-01.....	601	84A9.....	121
75Z62C.....	149A	77A10R.....	105	77N2.....	123A	79SI-UPC393C.....	943M	81-46123018-7.....	116	82-743-633-01.....	177	84A10.....	121
75Z62D.....	150A	77A11.....	105	77N2B.....	128	79Z6A.....	5247A	81-46123022-9.....	116	82-743-634-01.....	5021A	84A10R.....	121
75Z62E.....	150A	77A11(Diode).....	177	77N3.....	123A	80.....	515	81-46123023-7.....	177	82-743-635-01.....	5027A	84A12.....	121
75Z62F.....	150A	77A12.....	105	77N4.....	123A	80-000-025.....	433/500A	81-46123034-4.....	116(2)	82-743-636-01.....	5014A	84A13.....	121
75Z62G.....	150A	77A13.....	105	77N5.....	123A	80-001300.....	125	81-46123035-1.....	116(2)	82-743-697-01.....	5804	84A13P.....	121
75Z110.....	151A	77A13(DIODE).....	177	77N6.....	123A	80-001400.....	125	81-46123038-5.....	177	82-744-606-01.....	5804	84A14.....	121
75Z110A.....	151A	77A13(Diode).....	177	77N7.....	123A	80-001400.....	125	81-46123043-5.....	116	82-409501.....	123A	84A14-7.....	121
75Z110B.....	151A	77A13P.....	105	77N8.....	123A	80-050100.....	123A	81-46123044-3.....	5072A	82-410300.....	129	84A14-7B.....	121
75Z110C.....	151A	77A14.....	105	77N9.....	123A	80-050300.....	123A	81-46123044-3.....	5072A	82-410300.....	129	84A15.....	121
76.....	126A	77A14-7.....	105	77N10.....	123A	77ST-2SD669AC.....	373	81-46125001-1.....	12A	82M43252.....	915	84A15L.....	121
76-005-003.....	74LS05	77A14-7B.....	105	77N11.....	123A	77ST-2SD869.....	89	80-050400.....	160	82M66752.....	925		
76-005-005.....	74LS05	77A15.....	105	77N12.....	123A	77Z6.....	5244A	80-050500.....	160				
76-005-007.....	74LS74A	77A15L.....	105	77N13.....	123A	77Z6A.....	5244A	80-050600.....	103A				
76-005-013.....	74LS367	77A16.....	105	77N14.....	123A	78-001.....	5244A	80-050700.....	121				
76-042-9-006.....	289A	77A16-1.....	105	77N15.....	123A	78-99(Trans).....	129P	80-051500.....	123A				
						78-900-002.....	159	80-051600.....	129				
76-0105.....	175	77A17.....	105	78-900-003.....	189	78-900-004.....	261	80-052102.....	123A				
76-120-001.....	955M	77A17-1.....	105	78-900-004.....	261	78-5009.....	121	80-052202.....	123A				
76-140-001.....	955M	77A18.....	105	78-5009.....	121	78-254566-1.....	116	80-052302.....	123A				
76-190-001.....	3470	77A19.....	105	78-254566-1.....	116	78-254566-4.....	116	80-052402.....	130				
76-500-001.....	2013	77A19G.....	105	78-254566-4.....	116			80-052600.....	123A				
76-11770.....	104	77A20.....	105	78-271030-1.....	117A	78-271031-1.....	110M	80-052700.....	129				
76-12965-26.....	109	77A20-12.....	105	78-271031-1.....	110M	78-271032-2.....	110M	80-052800.....	103A				
76-13570-39.....	108	77A20-12-7.....	105	78-271032-2.....	110M	78-271143-1.....	116	80-053001.....	123A				
76-13570-59.....	108	77A21.....	105	78-271143-1.....	116	78-271199-1.....	109	80-053300.....	128				
76-13570-65.....	112	77A21.....	105	78-271199-1.....	109			80-053400.....	123A				
76-13948-23.....	112	77A182.....	105	78-271229-1.....	109	78-271383-1.....	142A	80-053600.....	108				
76-13866-17.....	108	77A211-83.....	123A	78-271383-1.....	142A	78-271383-2.....	146A	80-053702.....	130P				
76-13866-18.....	108	77A211-85.....	1170	78-271383-2.....	146A	78-271383-3.....	145A	80-053800.....	108				
76-13866-19.....	108	77A211-86.....	1285	78-271383-3.....	145A	78-271383-4.....	145A	80-053900.....	108				
76-13866-20.....	108	77A211-87.....	1286	78-271383-4.....	145A			80-054000.....	108				
76-13866-59.....	108	77B.....	121MP	78-272160-1.....	116	78-272160-2.....	121	80-054100.....	108				
76-13866-62.....	108	77B0.....	121MP	78-272160-2.....	121	78-272160-3.....	121	80-054200.....	108				
76-14090-1.....	128	77B1.....	121MP	78-272160-3.....	121	78-272160-4.....	121	80-054300.....	108				
76-14196-1.....	110MP	77B2.....	121MP	78-272160-4.....	121	78-272160-5.....	121	80-054400.....	108				
76-14327-1.....	500A	77B3.....	121MP	78-272160-5.....	121	78-272160-6.....	121	80-054500.....	108				
76-14327-2.....	500A	77B4.....	121MP	78-272160-6.....	121	78-272160-7.....	121	80-054600.....	108				
76-14327-3.....	500A	77B5.....	121MP	78-272160-7.....	121	78-272160-8.....	121	80-054700.....	108				
76-14327-4.....	500A	77B6.....	121MP	78-272160-8.....	121	78-272160-9.....	121	80-054800.....	108				
76-14327-5.....	500A	77B7.....	121MP	78-272160-9.....	121	78-272160-10.....	121	80-054900.....	108				
76-14327-6.....	500A	77B8.....	121MP	78-272160-10.....	121	78-272160-11.....	121	80-055000.....	108				
76-14327-7.....	500A	77B9.....	121MP	78-272160-11.....	121	78-272160-12.....	121	80-055100.....	108				
76-14327-8.....	500A	77B10.....	121MP	78-272160-12.....	121	78-272160-13.....	121	80-055200.....	108				
76B1Z.....	742	77B10R.....	121MP	78-272160-13.....	121	78-272160-14.....	121	80-055300.....	108				
76G1450J.....	116	77B11.....	121MP	78-272160-14.....	121	78-272160-15.....	121	80-055400.....	108				
76N1.....	123A	77B12(IC).....	788	78-272160-15.....	121	78-272160-16.....	121	80-055500.....	108				
76N1B.....	128	77B12(Transistor).....	121MP	78-272160-16.....	121	78-272160-17.....	121	80-055600.....	108				
76N1M.....	123A	77B13.....	121MP	78-272160-17.....	121	78-272160-18.....	121	80-055700.....	108				
76N2.....	123A	77B13P.....	121MP	78-272160-18.....	121	78-272160-19.....	121	80-055800.....	108				
76N2B.....	128	77B14.....	121MP	78-272160-19.....	121	78-272160-20.....	121	80-055900.....	108				
76N3B.....	128	77B14-7.....	121MP	78-272160-20.....	121	78-272160-21.....	121	80-056000.....	108				
76N2369-000.....	123A	77B14-7B.....	121MP	78-272160-21.....	121	78-272160-22.....	121	80-056100.....	108				
76N2369-001.....	123A	77B15.....	121MP	78-272160-22.....	121	78-272160-23.....	121	80-056200.....	108				
76S1030-000.....	128	77B15L.....	121MP	78-272160-23.....	121	78-272160-24.....	121	80-056300.....	108				
76SD-1N4148(AU).....	519	77B16.....	121MP	78-272160-24.....	121	78-272160-25.....	121	80-056400.....	108				
76SI-HD14011BP.....	4011B	77B16-2.....	121MP	78-272160-25.....	121	78-272160-26.....	121	80-056500.....	108				
76SK-1N4148(AU).....	519	77B17.....	121MP	78-272160-26.....	121	78-272160-27.....	121	80-056600.....	108				
76ST-2SC1514-15.....	376	77B17-1.....	121MP	78-272160-27.....	121	78-272160-28.....	121	80-056700.....	108				
76ST-2SC1815GR.....	85	77B18.....	121MP	78-272160-28.....	121	78-272160-29.....	121	80-056800.....	108				
76Z6.....	5243A	77B19.....	121MP	78-272160-29.....	121	78-272160-30.....	121	80-056900.....	108				
76Z6A.....	5243A	77B19G.....	121MP	78-272160-30.....	121	78-272160-31.....	121	80-057000.....	108				
77.....	100	77B20.....	121MP	78-272160-31.....	121	78-272160-32.....	121	80-057100.....	108				
77-001.....	230	77B20-12.....	121MP	78-272160-32.....	121	78-272160-33.....	121	80-057200.....	108				
77-27166-2.....	160	77B20-12-7.....	121MP	78-272160-33.....	121	78-272160-34.....	121	80-057300.....	108				
77-27198-3.....	199	77B21.....	121MP	78-272160-34.....	121	78-272160-35.....	121	80-057400.....	108				
77-270877-2.....	121	77B21.....	121MP	78-272160-35.....	121	78-272160-36.....	121	80-057500.....	108				
77-270878-2.....	121	77C.....	121MP	78-272160-36.....	121	78-272160-37.....	121	80-057600.....	108				
77-270993-1.....	117A	77C0.....	121	78-272160-37.....	121	78-272160-38.....	121	80-057700.....	108				
77-271025-1.....	102A	77C1.....	121	78-272160-38.....	121	78-272160-39.....	121	80-057800.....	108				
77-271026-1.....	102A	77C2.....	121	78-272160-39.....	121	78-272160-40.....	121	80-057900.....	108				
77-271027-1.....	102A	77C3.....											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
86-10-2	101	86-67-9	116	86-144-2	123A	86-264-2	123A	86-431-2	129	86-601-2	192	86-5051-2	123A
86-11-1	5080A	86-67-31	116	86-145-1	138A	86-265-2	123A	86-431-9	129	86-602-2	193	86-5052-2	159
86-11-2	101	86-68-3	166	86-146-1	128	86-266-2	128	86-440-2	129	86-603-2	193	86-5053-2	123A
86-12-1	112	86-68-3A	177	86-147-2	121	86-267-2	128	86-441-2	129	86-604-2	193	86-5054-2	123A
86-12-2	101	86-70-1	177	86-147-1	116	86-271-2	175	86-442-2	161	86-607-02	123AP	86-5057-2	121
86-13-2	103A	86-72-2	102A	86-147-1	116	86-272-2	175	86-444-2	199	86-607-2	194	86-5058-2	121
86-14-1	110MP	86-72-3	125	86-147-2	121	86-273-2	128	86-445-2	123A	86-607-2(3rdIF)	85	86-5060-2	103A
86-14-2	103A	86-73-1	507A	86-147-3	116	86-274-2	124	86-446-2	126A	86-607-2-3	85	86-5061-2	103A
86-15-1	110MP	86-73-2	102A	86-148-1	5133A	86-275-2	159	86-447-2	160	86-607-2 3rd IF	233	86-5062-2	103A
86-16-2	102A	86-74-1	177	86-149-1	5088A	86-276-20	159	86-452-2	128	86-607-3	85	86-5063-2	102A
86-18-1	113A	86-74-2	102A	86-149-2	160	86-277-2	123A	86-457-2	123A	86-608-2	159	86-5064-2	129
86-18-1A	113A	86-74-9	177	86-150-1	5096A	86-278-2	160	86-458-2	123A	86-609-2	297	86-5064-2A	129
86-18-2	160	86-75-2	102A	86-150-2	160	86-279-2	160	86-459-2	159	86-609-9	123AP	86-5065-2	123
86-19-2	12	86-75-3(SEARS)	16	86-150-3	5068A	86-280-2	126A	86-460-2	123A	86-610-2	159	86-5067-2	102A
86-20-1	109	86-76-1	177	86-151-2	160	86-281-2	126A	86-461-2	123A	86-610-9	159	86-5070-2	128
86-20-2	160	86-76-2	103A	86-152-2	102A	86-282-2	126A	86-462-2	123A	86-611-2	194	86-5073-2	128
86-21-1	116	86-77-1	177	86-152-3	102A	86-283-2	102A	86-463-2	128	86-612-2	154	86-5074-2	128
86-21-2	102A	86-77-2	102A	86-153-2	102A	86-284-2	128	86-464-2 (SEARS)	128	86-612-3	154	86-5075-2	192
86-22-1	109	86-78-1	177	86-154-2	102	86-285-2	159	86-464-2	108	86-614-2	197	86-5079-2	159(2)
86-22-2	102A	86-78-2	102A	86-155-2A	102	86-286-2	159	86-467-2	128	86-615-2	123AP	86-5080-2	103A
86-22-3	116	86-79-2	102A	86-156-2	123A	86-287-2	157	86-472-2	123A	86-616-2	129	86-5081-2	123A
86-23-1	507	86-80-1	116	86-157-2	129/411	86-288-2	161	86-475-2	159	86-618-2	129	86-5082-2	129
86-23-2	102A	86-80-2	102A	86-158-2	160	86-289-2	161	86-476-2	102A	86-619-2	229	86-5082-2A	129
86-23-3	116	86-80-3	166	86-159-2	160	86-290-2	161	86-477-2	128	86-620-2	229	86-5083-2	121
86-24-2	103A	86-81-2	103A	86-160-2	160	86-291-2	128	86-480-9	131	86-622-2	159	86-5084-2	130
86-25-2	103A	86-82-2	102A	86-161-2	160	86-292-2	127	86-481-1	123A	86-624-2	124	86-5084-2A	130
86-26-2	101	86-83-2	102A	86-162-2	160	86-293-2	127	86-482-2	123AP	86-624-9	124	86-5085-2	175
86-27-1	101	86-84-2	102A	86-163-2	160	86-294-2	123A	86-483-2	159	86-625-2	222	86-5086-2	103A
86-27-2	102A	86-85-1	142A	86-164-2	160	86-295-2	159	86-483-3	123A	86-626-2	238	86-5087-2	103A
86-28-2	102A	86-85-2	142A	86-165-2	160	86-296-20	159	86-484-3	123A	86-626-9	165	86-5088-2	121
86-28-3	116	86-85-3	116	86-166-2	160	86-297-2	159	86-484-2	123A	86-628-2	171	86-5089-2	121
86-29-2	102A	86-86-2	160	86-167-2	160	86-298-2	159	86-485-2	123A	86-629-2	157	86-5090-2	121
86-30-2	102A	86-87-2	160	86-168-2	160	86-299-2	159	86-486-2	123A	86-630-2	154	86-5091-2	102A
86-30-3	116	86-88-1	5079A	86-169-2	160	86-300-2	159	86-487-2	124	86-630-3	194	86-5093-2	128
86-31-1	142A	86-88-2	160	86-170-2	128	86-301-2	159	86-487-3	124	86-631-2	171	86-5095-2	312
86-31-2	101	86-88-3	109	86-171-2	123A	86-302-2	102A	86-488-2	108	86-632-2	222	86-5096-2	312
86-32-1	116	86-89-1	16	86-172-2	102A	86-303-2	102A	86-489-2	108	86-633-2	165	86-5097-2	123A
86-32-2	102A	86-89-2	160	86-173-2	121	86-304-2	102A	86-490-2	108	86-633-9	165	86-5098-2	123A(2)
86-33-3	116	86-89-3	116	86-174-2	121	86-305-2	102A	86-491-2	108	86-634-2	198	86-5100-2	184
86-34-3	116	86-90-2	160	86-175-2	123A	86-306-2	102A	86-492-2	123A	86-634-2	198	86-5101-2	130
86-35-1	139A	86-91-1	5081A	86-176-2	102A	86-307-2	102A	86-493-2	123A	86-635-2	194	86-5101-2A	130
86-35-2	103A	86-91-2	160	86-177-2	102A	86-308-2	123A	86-494-2	123A	86-636-2	194	86-5102-2	152
86-36-3	160	86-92-2	160	86-178-2	159	86-309-2	123A	86-495-2	123A	86-637-2	188	86-5103-2	123A
86-37-1	139A	86-93-1	5075A	86-179-2	160	86-310-2	123A	86-496-2	123A	86-638-2	287	86-5104-2	193
86-37-2	160	86-93-2	102A	86-180-2	160	86-311-2	126A	86-497-2	102A	86-639-2	294	86-5105-2	172A
86-37-3	120	86-94-1	147A	86-181-2	160	86-312-2	160	86-500-2	312	86-640-2	294	86-5106-2	175
86-38-2	160	86-94-2	5137A	86-182-2	123A	86-313-2	121	86-501-2	159	86-641-2	294	86-5107-2	152
86-39-2	102A	86-95-2	160	86-183-2	159	86-314-2	154	86-502-2	123A	86-642-2	188	86-5108-2	152
86-40-3	116	86-96-1	5166A	86-184-2	161	86-315-2	121	86-503-2	123A	86-643-2	152	86-5109-2	411/128
86-41-1	178MP	86-97-1	113A	86-185-2	319P	86-316-2	160	86-504-2	102A	86-644-2	171	86-5110-2	123A
86-41-1 (SEARS)	177	86-98-2	102A	86-186-2	161	86-317-2	154	86-505-2	123A	86-645-2	171	86-5111-2	123A
86-41-1 (SEARS-AG)	177	86-99-2	160	86-187-2	123A	86-318-2	121	86-506-2	184	86-646-2	171	86-5112-2	130
86-42-1	123A	86-100-2	160	86-188-2	123A	86-319-2	121	86-507-2	185	86-647-2	171	86-5112-2(Thomas)	130
86-42-3	116	86-101-2	160	86-189-2	123A	86-320-2	160	86-508-2	102A	86-648-2	171	86-5113-2	121
86-44-2	101	86-102-2	160	86-190-2	123A	86-321-2	160	86-509-2	128	86-649-2	194	86-5114-2	123A
86-44-3	518	86-102-3	5401	86-191-2	123A	86-322-2	160	86-510-9	293	86-650-2	194	86-5115-2	123A
86-45-1	109	86-103-2	102A	86-192-2	123A	86-323-2	160	86-511-9	293	86-651-2	194	86-5116-2	123A
86-45-2	102A	86-103-3	5466	86-193-2	123A	86-324-2	123A	86-512-2	105	86-652-2	194	86-5117-2	123A
86-45-3	119	86-104-3	5448	86-194-2	123A	86-325-2	123A	86-513-2	105	86-653-2	194	86-5118-2	123A
86-46-2	102A	86-105-1	5009A	86-195-2	123A	86-326-2	128	86-514-2	123A	86-654-2	194	86-5119-2	123A
86-46-3	116	86-106-3	552	86-196-2	123A	86-327-2	123A	86-515-2	194	86-655-2	194	86-5120-2	123A
86-47-2	102A	86-107-2	160	86-197-2	123A	86-328-2	123A	86-516-2 (SEARS)	123A	86-656-2	194	86-5121-2	123A
86-48-1	110MP	86-108-2	126A	86-198-2	123A	86-329-2	129	86-517-2	185	86-657-2	194	86-5122-2	312
86-48-2	102A	86-109-1	5069A	86-199-2	123A	86-330-2	128	86-518-2	185	86-658-2	194	86-5123-2	123A
86-49-013	76	86-110-1	5014A	86-200-2	123A	86-331-2	129	86-519-2	194	86-659-2	194	86-5124-2	123A
86-49-018	316	86-111-3	126A	86-201-2	123A	86-332-2	128	86-520-2	194	86-660-2	194	86-5125-2	123A
86-49-020	77	86-112-2	160	86-202-2	123A	86-333-2	129	86-521-2	194	86-661-2	194	86-5126-2	123A
86-49-023	77	86-113-1	5081A	86-203-2	123A	86-334-2	129	86-522-2	107	86-662-2	194	86-5127-2	123A
86-49-050	77	86-113-3	5446	86-204-2	161	86-335-2	128	86-523-2	107	86-663-2	194	86-5128-2	123A
86-49-052	76	86-114-2	513	86-205-2	161	86-336-2	128	86-524-2	107	86-664-2	194	86-5129-2	123A
86-49-071	77	86-115-2	102A	86-206-2	161	86-337-2	129	86-525-2	107	86-665-2	194	86-5130-2	123A
86-49-073	76	86-116-2	126A	86-207-2	128	86-338-2	129	86-526-2	107	86-666-2	194	86-5131-2	123A
86-49-074	76	86-117-3	160	86-208-2	128	86-339-2	129	86-527-2	107	86-667-2	194	86-5132-2	123A
86-49-1	109	86-118-1	5125A	86-209-2	128	86-340-2	129	86-528-2	107	86-668-2	194	86-5133-2	123A
86-49-2	102A	86-118-3	506	86-210-2	128	86-341-2	129	86-529-2	107	86-669-2	194	86-5134-2	123A
86-49-3	116	86-119-1	5085A	86-211-2	128	86-342-2	129	86-530-2	107	86-670-2	194	86-5135-2	123A
86-50-2	102A	86-119-2	123A	86-212-2	128	86-343-2	129	86-531-2	107	86-671-2	194	86-5136-2	123A
86-50-3	116	86-120-2	121	86-213-2	128	86-344-2	129	86-532-2	107	86-672-2	194	86-5137-2	123A
86-51-1	142A	86-121-2	411/128	86-214-2	128	8							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
86X0007-004	108	86X0118-001	165	87-0203-1	289A	88B-70	160	90-45	161	92-1A4	105	93A25-2	110MP
86X0007-104	123A	86X-0118-001(Midway)	165	87-0212-1	199	88B-70-12	160	90-46	313	92-1A4-7	105	93A25-3	109
86X0007-204	108	86X0120-001	194	87-0216	1142	88B-70-12-7	160	90-47	313	92-1A4-7B	105	93A27-1	109
86X0008-001	123A	86X0121-001	123AP	87-0217	1185	88B119	160	90-48	160	92-1A5	105	93A27-8	177
86X0009-001	121	86X0123-001	284	87-0218U	199	88B121	160	90-49	316	92-1A5L	105	93A31-1	177
86X00011-001	102	86X0124-001	219	87-0218-U	199	88B182	160	90-50	312	92-1A6	105	93A33-1	109
86X006-001	123A	86X0127-001(CBE)	194	87-0227	199	88B7258	709	90-54	160	92-1A6-1	105	93A38-1	109
86X007-004	123A	86X0128-001	379	87-0228	291	88C	100	90-55	312	92-1A7	105	93A39-1	5081A
86X007-034	123A	86X0129-001	54	87-0229	292	88C0	100	90-56(PNP)	158	92-1A7-1	105	93A39-5	5079A
86X0011-001	126A	86X2	179	87-0230	199	88C1	100	90-56(NPN)	123A	92-1A8	105	93A39-7	5079A
86X0012-001	123	86X3	100	87-0230-1	199	88C2	100	90-57	123A	92-1A9	105	93A39-8	5081A
86X0013-001	126A	86X6	123A	87-0231	199	88C3	100	90-58	102A	92-1A9G	105	93A39-11	5071A
86X0014-001	100	86X6-1	123A	87-0233	1242	88C4	100	90-58(FET)	222	92-1A19	105	93A39-12	142A
86X0015-001	121	86X6-4-518	123A	87-0234	801	88C5	100	90-59	160	92-1A21	105	93A39-12(Vol. Reg.)	142A
86X0016-001	159	86X7-2	123A	87-0235	229	88C6	100	90-60(NPN)	229	92-1A82	105	93A39-13	5074A
86X0016-001A	159	86X7-3	123A	87-0235-A	229	88C7	100	90-60(PNP)	102A	92-10	105	93A39-14	5082A
86X0017-001	102A	86X7-4	123A	87-0235A	229	88C8	105	90-61	123A	92-11	105	93A39-15	123A
86X0018-001	102A	86X7-6	107	87-0235-B	229	88C9	100	90-62	312	92-12	105	93A39-19	136A
86X0022-001	123A	86X7-8013	108	87-0235B	199	88C10	100	90-65	123A	92-13	105	93A39-24	145A
86X0024-001	704	86X8-1	123A	87-0235-C	229	88C10R	100	90-66	289A	92-14	105	93A39-25	149A
86X0025-001	123	86X8-2	123A	87-0235C	229	88C11	100	90-67	7474	92-15	105	93A39-28	5098A
86X0027-001	704	86X8-3	123A	87-0236-Q	293	88C12	100	90-68	7401	92-16	105	93A39-31	146A
86X0028-001	124	86X8-4	123A	87-0236-R	293	88C13	100	90-69	123A	92-17	105	93A39-34	5067A
86X0029-001	123A	86X34-1	123A	87-0236R	293	88C13P	100	90-70	199	92-18	105	93A39-35	5086A
86X0030-001	121MP	86X45-1	123A	87-0236-S	293	88C14	100	90-71	123A	92-19	105	93A39-40	147A
86X0030-100	121MP	86X46	159	87-0237-R	294	88C14-7	100	90-72	1102	92-1001	109	93A39-43	142A
86X0031-001	123A	86X47	159	87-0237R	294	88C14-7B	100	90-73	1100	92-30942	123A	93A39-44	5074A
86X0031-002	123A	86X53-1	712	87-0237-S	294	88C15	100	90-74	1104	92A11-1	116	93A39-45	5081A
86X0031-003	123A	86X55-1	728	87-0238	199	88C15L	100	90-75	186A	92A64-1	178MP	93A39-48	5076A
86X0032-001	123A	86X55-1	728	87-0239-A	287	88C16	100	90-110	237	92B1C	723	93A39-49	5005A
86X0033-001	131	86X56-1	729	87-0240	1223	88C16D	100	90-111	186A	92B12-2	116	93A39-50	5075A
86X0034-001	233	86X56-1	729	87-0241R	295	88C17	100	90-112	315	92B1C	723	93A39-58	5081A
86X0034-001(3rdIF)	233	86X56-2	729	87-0246	1223	88C17-1	100	90-140	199	92GE37A	128P	93A39-79	501371
86X0035-001	123A	86X55-1	171	87-5-3	120	88C18	100	90-175	237	92GE37B	128P	93A40-1	506
86X0036-001(Diode)	506	86X74-1	184	87-10-0	109	88C19	100	90-176	186A	92GE37C	128P	93A41-2	110MP
86X0036-001(Transistor)	159	86X75-2	153	87-10-1	110MP	88C19G	100	90-177	315	92GE77A	129P	93A41-5	109
86X0036-001A	159	86X82	797	87-67-3	116	88C-70	100	90-178	222	92GE77B	129P	93A42-7	116
86X0037-001	103A + 158(CP)	86X82-1	797	87-104-3	506	88C-70-12	100	90-179	312	92GE77C	129P	93A43-1	112
86X0037-002	102A	86X86	1175	87-190XX-001	177	88C-70-12-7	100	90-180	229	92GE487	399	93A43-2	112
86X0037-001, 103A + 102A(CP)	102A	86X6029-001	108	87-218-U	199	88C119	100	90-181	199	92GE488	399	93A51-3	116
86X0038-001	108	86Z8	5255A	87-423-2	290A	88C121	100	90-450	235	92GE489	399	93A52-1	552
86X0040-001	123A	86Z8A	5255A	87-593-2	229	88C182	100	90-451	186A	92GU01	128P	93A52-9	116
86X0040-001	123A	87-0001	312	87-730-607-21	1515	88C-70-12	100	90-452	123A	92GU01A	128P	93A52-9-55	125
86X0041-001	159	87-0002	229	87A(DIODE)	116	88RP10	5570	90-453	123A	92GU05	128P	93A52-10	116
86X0041-001A	159	87-0002-1	229	87B02	188	88RP20	5570	90-454	315	92GU06	128P	93A52-15	552
86X0042-001	242	87-0003	229	87M42899B39	735	88RP30	5572	90-455	233	92GU10	227	93A52-27	125
86X0042-002	241	87-0004	1006	87RECT-154(AU)	552	88RP40	5572	90-456	123A	92GU15	227	93A53-2	120
86X0042-100, 185 + 184(CP)	108	87-0005	192	87RECT-SI-154(AU)	552	88RP50	5572	90-457	123A	92GU45A	48	93A53-3	116
86X0043-001	159	87-0006	199	87S180	745479	88RP80	5574	90-458	199	92GU51	129P	93A55-1	5074A
86X0044-001	108	87-0009	199	87S181	745478	88RS100	5574	90-459	199	92GU51A	129P	93A57-1	118
86X0044-001A	159	87-0013	199	87S185	745454	88RS200	5574	90-600	152	92GU55	129P	93A59-1	112
86X0045-001	123A	87-0014	123A	87Z6	5256A	88SZ-RD12FB2	142A	90-601	123A	92GU56	129P	93A60-1	506
86X0046-001	159	87-0015	126A	87Z6A	5256A	88Z6A	5257A	90-602	123A	92GU391	227	93A60-2	116
86X0047-001	159	87-0016	126A	88-051-060-01	109	88Z6A	5257A	90-603	199	92GU392	227	93A60-3	506
86X0048-001	123A	87-0017	126A	88-052-188-11	109	88-052-188-11	109	90-604	229	92GU393	227	93A60-5	177
86X0049-001	194	87-0018	102A	88-0550	1115	88-0550	1115	90-605	319	92L1N4001	116	93A60-6	177
86X0050-001	123A	87-0019	102A	88-106-844-01	294	88-106-844-01	294	90-606	199	92L1N4148	519	93A60-7	552
86X0051-001	123A	87-0020	102A	88-107-336-01	290A	88-107-336-01	290A	90-607	312	92L2SD471L	293	93A60-8	116
86X0052-001	31P	87-0021	1000	88-125	116	88-125	116	90-608	312	92L2SD471L	293	93A60-9	552
86X0053-001	712	87-0022	1000	88-831	116	88-831	116	90-609	235	92L2SD471L	293	93A60-9-55	580
86X0054-001	123A	87-0023-Q	199	88-832	116	88-832	116	90-610	236	92LSD-115	612	93A60-10	506
86X0055-001	728	87-0023-R	199	88-9302R	744	88-9302R	744	90-611	312	92LW03B	116	93A60-11	506
86X0056-001	728	87-0023-S	199	88-9302S	744	88-9302S	744	90-612	123A	92LW03B	116	93A60-12	177
86X0056-002	729	87-0023R	199	88-9303	604	88-9303	604	90-613	312	92LW03B	116	93A60-14	177
86X0058-001	123A	87-0023S	199	88-9304	604	88-9304	604	90-614	199	92LW03B	116	93A60-21	552
86X0058-002	123A	87-0023-T	199	88-9305	744	88-9305	744	90-615	1052	92PE37A	24	93A60-21-55	552
86X0058-003	123A	87-0023-U	289A	88-9306	744	88-9306	744	90-616	1052	92PE37B	24	93A60-26	552
86X0059-001	182	87-0024	289A	88-9307	744	88-9307	744	90-617	1052	92PE37C	24	93A60-27	580
86X0059-002	182	87-0027	193	88-9308	744	88-9308	744	90-618	1052	92PE37D	24	93A64-1	177
86X0060-001	107	87-0029	193	88-9309	744	88-9309	744	90-619	1052	92PE37E	24	93A64-2	177
86X0061-001	107	87-026-045-01	85	88-9310	744	88-9310	744	90-620	1052	92PE37F	24	93A64-2(AFC)	178MP
86X0062-001	107	87-026-066-01	85	88-9311	744	88-9311	744	90-7033(Atari)	2114	92PE487	399	93A64-3	177
86X0063-001	123A	87-026-069-01	5010A	88-9312	744	88-9312	744	90T2	107	92PE488	399	93A64-5	177
86X0064-001	799	87-026-100-01(GSD)	451	88-9313	744	88-9313	744	90T2	107	92PE489	399	93A64-7	177
86X0065-001	171	87-026-150-01	285	88-9314	744	88-9314	744	91-4	160	92PU05	128P	93A64-8	177
86X0066-001	159	87-026-151-01	284	88-9315	744	88-9315	744	91-46	109	92PU06	128P	93A64-11	519
86X0066-003	159	87-026-163-01	282	88-9316	744	88-9316	744	91A	108	92PU07	128P	93A67-1	116
86X0067-001	310	87-026-165-01	222	88-9317	744	88-9317	744	91A01	116	92PU10	399	93A69-1	506
86X0067-002	310P	87-027-083-01	116	88-9318	744	88-9318	744	91A02	116	92PU11	399	93A69-2	177
86X0068-001	308	87-027-097-01	177	88-9319	744	88-9319	74						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
93A112-1	125	93B60-26	552	93D52-27	125	93S158DC	74S158	95-250-1	121MP	96-5178-01	125	96N(Airline)	108
93A3912	177	93B60-27	580	93D60-5	519	93S158PC	74S158	95-251	121	96-5181-01	121	96N1	124
93B1-1	116	93B64-1	177	93D60-9	552	93S174DC	74S174	95-252-1	124	96-5180-02	128	96N927	108
93B1-2	116	93B64-2	519	93D60-10	506	93S174PC	74S174	95-252-2	124	96-5184-01	5802	96N932	108
93B1-3	116	93B64-5	177	93D60-21	552	93S175DC	74S175	95-252-2	124	96-5187-01	123A	96NPT	108
93B1-4	116	93B64-11	519	93D60-21-55	552	93S175PC	74S175	95-252-3	124	96-5190-01	175	96S02DC	96S02
93B1-5	116	93B65-1	125	93D60-26	552	93S184DC	74S184	95-252-4	124	96-5192-01	175	96S02DM	96S02
93B1-6	116	93B91-1	522	93D60-27	580	93S184PC	74S184	95-252-5	121MP	96-5192-01	121	96S02PC	96S02
93B1-7	116	93B91-2	522	93D64-2	519	93S165133	130	95-296	123A	96-5193-01	156	96XZ077844N	109
93B1-8	116	93B91-3	522	93D64-5	177	93S165133A	130	95-11410100	102A	96-5194-01	156	96XZ778/21N	109
93B1-9	116	93B91-4	522	93D64-11	519	93-SE-124	130	95-11410200	102A	96-5195-01	5809	96XZ778/27N	113A
93B1-10	116	93B91-5	522	93D91-1	522	93SE165	181	95-11410300	102A	96-5196-01	116	96XZ778/44N	109
93B1-11	116	93B91-6	522	93D91-2	522	93T4100010270	199	95-11413500	102A	96-5198-01	161	96XZ801/06N	121
93B1-12	116	93B91-7	500A	93D91-3	522	93T41000193210	107	95-11414000	102	96-5199-01	161	96XZ801/10N	121
93B1-13	116	93B91-8	500A	93D91-4	522	93T4100203100	85	95-11511500	125	96-5201-01	130	96XZ801/14N	123A
93B1-14	116	93B91-9	500A	93D91-5	522	93T4100203240	107	95G(Diode)	552	96-5203-01	128	96XZ801/34X	121
93B1-15	116	93B91-10	500A	93D91-6	522	93T41002042210	61A	95-11511500	125	96-5204-01	128	96XZ801/37N	160
93B1-16	116	93B91-11	500A	93D91-7	500A	93T4120042013	61	95-11511500	125	96-5205-01	103A	96XZ801/50N	102A
93B1-17	116	93B91-12	500A	93D91-8	500A	93T4120265210	5018A	95-11511500	125	96-5207-01	130	96XZ801/50N	102A
93B1-18	116	93B91-13	500A	93D91-9	500A	93T4120265210	5018A	95-11511500	125	96-5207-01	130	96XZ801/50N	102A
93B1-19	116	93B91-14	500A	93D91-10	500A	93T4120265210	5018A	95-11511500	125	96-5208-01	128	96XZ801/50N	102A
93B1-20	116(3)	93B91-15	500A	93D91-11	500A	93T4120265210	5018A	95-11511500	125	96-5209-01	129	96XZ801/50N	102A
93B1-21	116(3)	93B91-16	500A	93D91-12	500A	93T4120265210	5018A	95-11511500	125	96-5210-01	129	96XZ801/50N	102A
93B1-22	116(3)	93B91-17	500A	93D91-13	500A	93T4120265210	5018A	95-11511500	125	96-5211-01	129	96XZ801/50N	102A
93B1-23	116(3)	93B91-18	500A	93D91-14	500A	93T4120265210	5018A	95-11511500	125	96-5212-01	129	96XZ801/50N	102A
93B1-24	116(3)	93B91-19	500A	93D91-15	500A	93T4120265210	5018A	95-11511500	125	96-5213-01	129	96XZ801/50N	102A
93B1-25	116(3)	93B91-20	500A	93D91-16	500A	93T4120265210	5018A	95-11511500	125	96-5214-01	129	96XZ801/50N	102A
93B1-26	116(3)	93B91-21	500A	93D91-17	500A	93T4120265210	5018A	95-11511500	125	96-5215-01	129	96XZ801/50N	102A
93B1-27	116(3)	93B91-22	500A	93D91-18	500A	93T4120265210	5018A	95-11511500	125	96-5216-01	129	96XZ801/50N	102A
93B1-28	116(3)	93B91-23	500A	93D91-19	500A	93T4120265210	5018A	95-11511500	125	96-5217-01	129	96XZ801/50N	102A
93B1-29	116(3)	93B91-24	500A	93D91-20	500A	93T4120265210	5018A	95-11511500	125	96-5218-01	129	96XZ801/50N	102A
93B1-30	116(3)	93B91-25	500A	93D91-21	500A	93T4120265210	5018A	95-11511500	125	96-5219-01	129	96XZ801/50N	102A
93B1-31	116(3)	93B91-26	500A	93D91-22	500A	93T4120265210	5018A	95-11511500	125	96-5220-01	129	96XZ801/50N	102A
93B1-32	116(3)	93B91-27	500A	93D91-23	500A	93T4120265210	5018A	95-11511500	125	96-5221-01	129	96XZ801/50N	102A
93B1-33	116(3)	93B91-28	500A	93D91-24	500A	93T4120265210	5018A	95-11511500	125	96-5222-01	129	96XZ801/50N	102A
93B1-34	116(3)	93B91-29	500A	93D91-25	500A	93T4120265210	5018A	95-11511500	125	96-5223-01	129	96XZ801/50N	102A
93B1-35	116(3)	93B91-30	500A	93D91-26	500A	93T4120265210	5018A	95-11511500	125	96-5224-01	129	96XZ801/50N	102A
93B1-36	116(3)	93B91-31	500A	93D91-27	500A	93T4120265210	5018A	95-11511500	125	96-5225-01	129	96XZ801/50N	102A
93B1-37	116(3)	93B91-32	500A	93D91-28	500A	93T4120265210	5018A	95-11511500	125	96-5226-01	129	96XZ801/50N	102A
93B1-38	116(3)	93B91-33	500A	93D91-29	500A	93T4120265210	5018A	95-11511500	125	96-5227-01	129	96XZ801/50N	102A
93B1-39	116(3)	93B91-34	500A	93D91-30	500A	93T4120265210	5018A	95-11511500	125	96-5228-01	129	96XZ801/50N	102A
93B1-40	116(3)	93B91-35	500A	93D91-31	500A	93T4120265210	5018A	95-11511500	125	96-5229-01	129	96XZ801/50N	102A
93B1-41	116(3)	93B91-36	500A	93D91-32	500A	93T4120265210	5018A	95-11511500	125	96-5230-01	129	96XZ801/50N	102A
93B1-42	116(3)	93B91-37	500A	93D91-33	500A	93T4120265210	5018A	95-11511500	125	96-5231-01	129	96XZ801/50N	102A
93B1-43	116(3)	93B91-38	500A	93D91-34	500A	93T4120265210	5018A	95-11511500	125	96-5232-01	129	96XZ801/50N	102A
93B1-44	116(3)	93B91-39	500A	93D91-35	500A	93T4120265210	5018A	95-11511500	125	96-5233-01	129	96XZ801/50N	102A
93B1-45	116(3)	93B91-40	500A	93D91-36	500A	93T4120265210	5018A	95-11511500	125	96-5234-01	129	96XZ801/50N	102A
93B1-46	116(3)	93B91-41	500A	93D91-37	500A	93T4120265210	5018A	95-11511500	125	96-5235-01	129	96XZ801/50N	102A
93B1-47	116(3)	93B91-42	500A	93D91-38	500A	93T4120265210	5018A	95-11511500	125	96-5236-01	129	96XZ801/50N	102A
93B1-48	116(3)	93B91-43	500A	93D91-39	500A	93T4120265210	5018A	95-11511500	125	96-5237-01	129	96XZ801/50N	102A
93B1-49	116(3)	93B91-44	500A	93D91-40	500A	93T4120265210	5018A	95-11511500	125	96-5238-01	129	96XZ801/50N	102A
93B1-50	116(3)	93B91-45	500A	93D91-41	500A	93T4120265210	5018A	95-11511500	125	96-5239-01	129	96XZ801/50N	102A
93B1-51	116(3)	93B91-46	500A	93D91-42	500A	93T4120265210	5018A	95-11511500	125	96-5240-01	129	96XZ801/50N	102A
93B1-52	116(3)	93B91-47	500A	93D91-43	500A	93T4120265210	5018A	95-11511500	125	96-5241-01	129	96XZ801/50N	102A
93B1-53	116(3)	93B91-48	500A	93D91-44	500A	93T4120265210	5018A	95-11511500	125	96-5242-01	129	96XZ801/50N	102A
93B1-54	116(3)	93B91-49	500A	93D91-45	500A	93T4120265210	5018A	95-11511500	125	96-5243-01	129	96XZ801/50N	102A
93B1-55	116(3)	93B91-50	500A	93D91-46	500A	93T4120265210	5018A	95-11511500	125	96-5244-01	129	96XZ801/50N	102A
93B1-56	116(3)	93B91-51	500A	93D91-47	500A	93T4120265210	5018A	95-11511500	125	96-5245-01	129	96XZ801/50N	102A
93B1-57	116(3)	93B91-52	500A	93D91-48	500A	93T4120265210	5018A	95-11511500	125	96-5246-01	129	96XZ801/50N	102A
93B1-58	116(3)	93B91-53	500A	93D91-49	500A	93T4120265210	5018A	95-11511500	125	96-5247-01	129	96XZ801/50N	102A
93B1-59	116(3)	93B91-54	500A	93D91-50	500A	93T4120265210	5018A	95-11511500	125	96-5248-01	129	96XZ801/50N	102A
93B1-60	116(3)	93B91-55	500A	93D91-51	500A	93T4120265210	5018A	95-11511500	125	96-5249-01	129	96XZ801/50N	102A
93B1-61	116(3)	93B91-56	500A	93D91-52	500A	93T4120265210	5018A	95-11511500	125	96-5250-01	129	96XZ801/50N	102A
93B1-62	116(3)	93B91-57	500A	93D91-53	500A	93T4120265210	5018A	95-11511500	125	96-5251-01	129	96XZ801/50N	102A
93B1-63	116(3)	93B91-58	500A	93D91-54	500A	93T4120265210	5018A	95-11511500	125	96-5252-01	129	96XZ801/50N	102A
93B1-64	116(3)	93B91-59	500A	93D91-55	500A	93T4120265210	5018A	95-11511500	125	96-5253-01	129	96XZ801/50N	102A
93B1-65	116(3)	93B91-60	500A	93D91-56	500A	93T4120265210	5018A	95-11511500	125	96-5254-01	129	96XZ801/50N	102A
93B1-66	116(3)	93B91-61	500A	93D91-57	500A	93T4120265210	5018A	95-11511500	125	96-5255-01	129	96XZ801/50N	102A
93B1-67	116(3)	93B91-62	500A	93D91-58	500A	93T4120265210	5018A	95-11511500	125	96-5256-01	129	96XZ801/50N	102A
93B1-68	116(3)	93B91-63	500A	93D91-59	500A	93T4120265210	5018A	95-11511500	125	96-5257-01	129	96XZ801/50N	102A
93B1-69	116(3)	93B91-64	500A	93D91-60	500A	93T4120265210	5018A	95-11511500	125	96-5258-01	129	96XZ801/50N	102A
93B1-70	116(3)	93B91-65	500A	93D91-61	500A	93T4120265210	5018A	95-11511500	125	96-5259-01	129	96XZ801/50N	102A
93B1-71	116(3)	93B											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
99S015	121	100-12	109	100R1B	116	103-0571-11	306	103-254-632	116	103G3125A	116	108-0068-12	312
99S016	108	100-13	125	100R2B	116	103-0571-11/12	306	103-256	5128A	103P(Airline)	159	108-020C	293
99S016-1	108	100-14	139A	100R3B	116	103-0571-12	306	103-258	505	103P935	159	108-040	53
99S017	108	100-15	116	100R4B	116	103-1(RCA)	367	103-261	116	103P935A	159	108-146	160
99S018	108	100-24-3395	290A	100R5B	116	103-1(MAG-IC)	966	103-261-0	116	103PA	159	108-2	160
99S018A	108	100-120	177	100R6B	116	103-2(MAG-IC)	966	103-261-01	116	104	154	108-3	160
99S018B	108	100-125	177	100R7B	125	103-3(MAG-IC)	960	103-261-02	552	104-1(RCA)	352	108-4	160
99S019A	108	100-130	177	100R8B	125	103-4	108	103-261-02A	552	104-8	154	108-6	159
99S019B	108	100-135	136A	100R9B	125	103-4(MAG-IC)	972	103-261-04	552	104-8(SYL)	116	108-60	159
99S020	123	100-136	109	100R10B	125	103-5(MAG-IC)	966	103-261-04A	552	104-9(SYL)	116	108A	5454
99S022	OBS-NLA	100-137	177	100R11B	506	103-19	109	103-263	552	104-17	126A	108A4	116
99S022-1	OBS-NLA	100-138	116	100R12B	506	103-20	113A	103-263A	552	104-17(RCA)	159	108B	5455
99S025	123A	100-139	139A	100R13B	506	103-22	109	103-263B	506	104-19	126A	108B4	116
99S025A	123A	100-160	109	100R14B	506	103-23	109	103-270	5086A	104-21	126A	108B6	116
99S031	161	100-161	177	100R20B	525	103-23-01	109	103-270-185	5086A	104-170	159	108C	5457
99S032	161	100-162	116	100T2	130	103-28	358	103-271	109	104B6	116	108D	5457
99S032(3rd IF)	233	100-180	109	100T2A	130	103-29	116	103-272	139A	104H01	128	108E-E2	116
99S033	199	100-181	109	100W1	108	103-31	109	103-275	503	104P1(GE)	339	108F	5453
99S033-40	123A + 159(CP)	100-184	177	100X2	130	103-32	113A	103-275-02	503	104T2	130	108GRN	159
99S033A	123A	100-198	106(4)	100X6	130	103-34	109	103-276	5081A	104T2A	130	108Q	5452
99S034	194	100-215	109	100X6A	130	103-34-8305	127	103-276(Mixer)	112	105	159	108T2	327
99S035	123A	100-216	177	100Z	1V060	103-39	614	103-278	5081A	105(Admiral)	123A	108Y	5452
99S036	123A	100-217	116	101-1(Admiral)	161	103-42	177	103-279	5000A	105-001-07	233	108	123A
99S037	108	100-218	5071A	101-2(Admiral)	108	103-43	113A	103-279-01	142A	105-001-08	108	109-036500	109
99S038	123A	100-219	5072A	101-3(Admiral)	108	103-44	109	103-279-08A	5008A	105-003-06	123A	109-1(RCA)	123A
99S039	159	100-286	143A	101-4(Admiral)	108	103-47	614	103-279-09	5009A	105-003-09	123A	109A949CE	5693
99S039A	159	100-435	177	101-12	100	103-47-01	614	103-279-09A	5009A	105-005-04/2228-3	108	109A949CM-P1	5624
99S040	194	100-436	109	101-15	102A	103-49	112	103-279-10A	5010A	105-005-12	108	109B6	116
99S041	222	100-437	5071A	101-6742(RCA)	173BP8	103-51	177	103-279-11	5011A	105-006-08	123A	109T2	327
99S042	710	100-438	116	101-6744(RCA)	173BP8	103-51-19A	145A	103-279-11A	5011A	105-008-04/2228-3	108	110	159
99S044	161	100-439	109	101A(Diode)	177	103-60	112	103-279-12	5012A	105-009-21/2228-3	108	110(Boost)	119
99S045	221	100-520	116	101B6	116	103-61	112	103-279-12A	5012A	105-00106-00	108	110-01563-00	102A
99S045A	222	100-521	5072A	101F4S	6157	103-65	112	103-279-13	5013A	105-00107-09	107	110-085014	110MP
99S046	222	100-522	139A	101F5S	6157	103-71	358	103-279-13A	5013A	105-00108-07	108	110-629	116
99S047	175	100-523	139A	101F6S	6157	103-73	109	103-279-14	5014A	105-02	109	110-635	116
99S049	726	100-524	177	101F8S	6159	103-74	109	103-279-14A	5014A	105-03	109	110-636	125
99S053	722	100-525	5801	101F10S	6159	103-76	116	103-279-14R	5014A	105-060-09	123A	110-672	116
99S053-1	722	100-527	116	101P1	159	103-79	109	103-279-16	5016A	105-085-33	123A	110-684	116
99S055	229	100-4107	107	101P10	159	103-82	116	103-279-16A	5016A	105-085-54	123A	110-763	109
99S056	229	100-4790	159	101RA50	5582	103-87	109	103-279-18	139A	105-02004-09	108	110-3083-004	457
99S057	179	100-4846-001	128	101RA60	5582	103-89	358	103-279-19	5019A	105-02005-07	107	110B6	125
99S060-1	194	100-5338	128	101RA80	5584	103-90	110MP	103-279-20	5020A	105-02006-05	107	110B11	118
99S061-1	194	100-5338-001	128	101RA100	5584	103-98	552	103-279-20A	5020A	105-02008-01	107	110P1	159
99S062-1	159	100-5765-001	175	101RA110	5584	103-99-01	143A	103-279-21	142A	105-08004-00	108	110P1AA	159
99S063-1	228A	100-10121-05	116	101RA120	5584	103-101	178MP	103-279-21A	5021A	105-08007-05	123A	110P1M	159
99S067-1	161	100-10132-00	116	101RC10	5580	103-102	110MP	103-279-22	5013A	105-08243-05	123A	111-1	116
99S070-1	194	100A	116	101RC20	5580	103-104A	5071A	103-279-22A	5022A	105-3(SYL)	119	111-1(NAP)	219
99S072	710	100B31	100A	101RC30	5582	103-105	5081A	103-279-23	5023A	105-12	123A	111-2(NAP)	130
99S073	129	100B63	506	101RC40	5582	103-105-01	5081A	103-279-24	5024A	105-931-91/2228-3	123A	111-3(NAP)	219
99S074	128	100C(Admiral)	506	101RC50	5582	103-112	506	103-279-27	5077A	105-941-97/2228-3	108	111-4(NAP)	130
99-5-075	196	100C025	5580	101RC60	5582	103-114	109	103-279-28	5028A	105-24191-04	108	111-4-2020-0800	116
99S075	196	100C025IL	5580	101RC80	5584	103-131	177	103-279-28A	5078A	105-28196-07	123A	111-4-2020-04600	712
99S077-1	194	100C050	5580	102-02	109	103-140	5071A	103-279-31	5031A	105B6	116	111-4-2020-05600	110MP
99S079	165	100C050IL	5580	102-0372-15	85	103-140A	5014A	103-279-31A	5031A	105S25080	1751	111-4-2020-06100	177
99S079(Hor Out)	165	100C-4R	116	102-0373-00	199	103-141	519	103-279-37	5085A	108	116	111-4-2020-06200(MP)178MP	177
99S079-1	165	100C10	5580	102-0380-15	229	103-141-01	177	103-279-37A	5085A	106-001	229	111-4-2020-08000	116
99S079-1(Hor Out)	165	100C10IL	5580	102-0394-25	229	103-142	177	103-279A	5001A	106-002	229	111-4-2020-08600	109
99S079-2	165	100C15	5580	102-0454-02	289A	103-142(DET)	178MP	103-281	616	106-003	199	111-4-2020-11300	5071A
99S081	790	100C15IL	5580	102-0458-02	85	103-142-01	177	103-281A	552	106-004	186A	111-4-2020-11500	5074A
99S081-1	790	100C20	5580	102-0460-02	233	103-142-02	177	103-284A	552	106-005	295	111-4-2020-13300	5085A
99S082	712	100C20IL	5580	102-0461-02	229	103-144	5137A	103-287	525	106-006	235	111-4-2020-14400	506
99S082-1	712	100C25	5582	102-0495-00	295	103-144-01	5137A	103-287(Germanium)	109	106-007	519	111-4-2020-14600	116
99S083-1	196	100C25IL	5582	102-0495-20	295	103-145	177	103-287-01	506	106-008	109	111-4-2020-15100	506
99S084-1	196	100C30	5582	102-0495-12	229	103-145-01	116	103-287A	506	106-009	177	111-4-2020-15600	177
99S085	123A	100C30IL	5582	102-0732-28	199	103-146	616	103-289	5081A	106-010	139A	111-4-2020-02300	100A
99S087-1	154	100C35	5582	102-0735-02	289A	103-158	142A	103-292	5081A	106-011	116	111-4-2060-02400	100A
99S090-1	108	100C35IL	5582	102-0735-25	289A	103-159	177	103-293	616	106-013	156	111-4-2060-02600	1080
99S091-1	188	100C40	5582	102-0761-16	108	103-160	506	103-293-02	504	106-1	116	111-4-2060-03900	1080
99S092-1	188	100C40IL	5582	102-0820-17	199	103-176	616	103-295-01	177	106-3(SYL)	503	111-4-2060-04000	712
99S094	714	100C45	5582	102-0828-17	199	103-176-01	616	103-295-01A	177	106-4(SYL)	504	111-4-2060-04600	712
99S094-1	714	100C45IL	5582	102-0829-02	123A	103-178	177	103-295-02	177	106-5(SYL)	504	111-4-2060-05200	1159
99S095	715	100C50	5582	102-0841-15	123A	103-178-01	177	103-295-02A	177	106-6(SYL)	504	111-4-2060-2600	1080
99S095-1	715	100C50IL	5582	102-0845-16	199	103-178-02	177	103-295-03A	552	106-7(SYL)	504	111-5(NAP)	219
99S096	713	100C60	5582	102-0945-16/18	99	103-178-02A	177	103-295-03A	552	106-12	159	111-7(NAP)	219
99S096-1	713	100C60IL	5582	102-0945-16/38	199	103-179-13A	5013A	103-295-09	525	106-111	116	111-8(NAP)	152
99S097	783	100C70	5584	102-0945-17/39	199	103-181W	935	103-295A	177	106-120	159	111-8(NAP)	152
99S097-1	783	100C70IL	5584	102-0945-17/39	199	103-182W	932	103-301-1A	145A	106-351	229	111-9191	5547
99S099	153	100C80	5584	102-0945-39	199	103-							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
112-8	159	116-208	160	120-005296	108	121-93	100	121-273	102A	121-420	102A	121-612	108
112-8(RCA)	159	116-209	160	120-005297	108	121-94	100	121-274	102A	121-421	102A	121-613	108
112-10	159	116-685	123A	120-005298	108	121-95	102	121-275	102A	121-422	123	121-613-16	108
112-10(RCA)	159	116-683	160	120-005299	109	121-96	102	121-276	123	121-423	123A	121-614	108
112-361	128	116-684	160	120-006604	159	121-100	101	121-277	123	121-425	158	121-614-9	108
112-362	224	116-685	102A	120-01193	102A	121-101	123	121-278	123	121-426	160	121-616	106
112-363	130	116-686	103A	120-02213	103A	121-102	160	121-279	411/128	121-427	160	121-616-16	106
112-500-0-50	177	116-687	103A	120-1	123A	121-103	160	121-283	161	121-428	160	121-616	108
112-500-0-501	177	116-756	126A	120-2	123A	121-104	160	121-284	160	121-429	160	121-629	123A
112-520	108	116-757	102A	120-3	123A	121-105	160	121-289	5081A	121-430	123AP	121-630	108
112-521	108	116/839-P3	339	120-7	123A	121-106	102	121-290	126A	121-430B	123AP	121-632	102A
112-522	108	116-875	123A	120-7(RCA)	123AP	121-107	102	121-291	102A	121-430CL	123AP	121-633	102A
112-523	108	116-887	102A	120-8	123AP	121-113	108	121-292	126A	121-431	128	121-634	102A
112-525	121	116-666	519	120-8(RCA)	123AP	121-119	160	121-293	126A	121-432	160	121-635	102A
112-525	128	116C3475	181	120-8A	123A	121-120	158	121-294	126A	121-433	123AP	121-636	102A
112-526	224	117-1	124	120-14(RCA)	123AP	121-128	100	121-295	126A	121-433A	123AP	121-637	108
112-527	224	117-440	278	120-15(RCA)	123AP	121-132	160	121-296	126A	121-433CL	123AP	121-638	108
112-601-0-102	116	117-2(HEATHKIT)	158(4)	120-779R	159	121-134	160	121-297	126A	121-434	123AP	121-638A	108
112-926	116	117-6	103A + 158(P)	120/80(HP)	1291	121-135	160	121-298	126A	121-434H	123AP	121-638B	108
112-20052	102	117-9	185 + 184(CP)	120-190	102A	121-136	160	121-299	126A	121-435	123AP	121-639	123AP
112-200525	102A	117-9(HEATHKIT)	185 + 184(CP)	120-1675-12	229	121-137	160	121-300	102A	121-436	124	121-639B	123AP
112-202147	121	117-A40-7350	504	120A02	177	121-138	160	121-301	102A	121-437	102A	121-639CL	128
112-203062	118	118	192	120A10	A40240	121-139	160	121-302	101	121-441	159	121-640	102A
112-203055	130	118-030	177	120A11	177	121-145	100	121-303	108	121-442	123AP	121-641	103A
112-203391	199	118-030	177	120A13	177	121-146	100	121-304	160	121-444	159	121-660	123A
112-7292955	179	118-02900	519	120A25	A40240	121-147	100	121-305	102A	121-445	154	121-662	123A
113-039	116	118-02902	519	120A45	A40240	121-148	102A	121-306	102A	121-446	159	121-671	123AP
113-118	116	118-1	108	120BLU	123A	121-150	126A	121-307	102A	121-447	123AP	121-675	123AP
113-321	116	118-2	108	120D3	B40240	121-151	102A	121-308	121	121-447-01	123AP	121-676	128
113-392	116	118-3	108	120D5	B40240	121-152	102A	121-309	102A	121-448	123A	121-677	123AP
113-398	108	118-4	108	120D10	B40240	121-153	126A	121-310	102A	121-449	162	121-678	123A
113-398	108	119-0016	105	120D25	B40240	121-154	126A	121-311	102A	121-450	123A	121-679	159
113-398	117A	119-0054	123A	120D45	B75240	121-157	160	121-311B	102A	121-451	124	121-681	316
113A7739	116	119-0055	159	120P1	159	121-160	100	121-312	160	121-452	163A	121-692	161
113N1AG	172A	119-0056	123A	120P1M	159	121-161	126A	121-313	160	121-453	108	121-695	123AP
113N2	172A	119-0088	175	120PSB	207	121-162	126A	121-314	102A	121-460	161	121-697	160
114-013	123AP	119-0075	181	120Z	1V075	121-163	102A	121-315	124	121-461	161	121-698	160
114-1(3YL)	123AP	119-0077	128	121	222	121-164	102A	121-316	108	121-462	161	121-699	159
114-1(Philo)	192	119-1(SYL-IC)	852	121(5MM-MOV)	1V075	121-168	102A	121-317	108	121-470	161	121-699-01	159
114-2(SYL)	192	119-1(MAG-IC)	852	121(7MM-MOV)	1V075	121-169	103A	121-318	108	121-471	161	121-699-02	159
114-3(SYL)	123AP	119-2(MAG-IC)	852	121(SEARS)	123A	121-170	102A	121-318L	108	121-472	108	121-699A	159
114-4-2020-14500	116	119-2(SYL-IC)	852	121-0041	137A	121-171	121	121-319	102A	121-473	154	121-701	123A
114-118	108	119-6511	116	121-1	159	121-172	103A	121-320	102A	121-480	107	121-703	192
114-267	108	120-000190	160	121-1(SYL)	238	121-178	102A	121-321	108	121-481	108	121-704	161
114-21814	542	120-001-300	116	121-1RED	159	121-179	160	121-327	102A	121-482	161	121-706	123A
114-42020-14500	116	120-002	912	121-6	103A	121-180	160	121-328	102A	121-483	108	121-707	185
114A-52	121	120-00-19	102	121-7	103A	121-181	160	121-329	160	121-490	102A	121-708	184
114N2P	184	120-00190	126A	121-8	103A	121-184	102A	121-330	160	121-491	126A	121-709	185
114N4P	410/103A	120-00195	102A	121-9	102A	121-185	160	121-331	160	121-492	126A	121-710	184
114N4U	103A	120-00213	126A	121-10	102A	121-186	126A	121-332	160	121-493	126A	121-711	123A
114P1P	185	120-001190	160	121-11	102A	121-186D	102A	121-333	160	121-494	126A	121-712	157
114P3P	410/158	120-001192	100	121-12	102A	121-187	126A	121-334	160	121-495	159	121-713	124
114P3U	158	120-001195	102	121-14(Columbia)	128	121-189	126A	121-335	160	121-496	159	121-714	106
115-039	116	120-001300	116	121-14(Zenith)	102A	121-189B	102A	121-336	160	121-497	159	121-719	152
115-063	121	120-001301	110MP	121-15	101	121-190	102A	121-345	108	121-497-WHT	159	121-722	128
115-1	123	120-001795	102	121-16	101	121-190E	102A	121-347	102A	121-498	229	121-723	107
115-1(SYL)	288	120-001798	195A	121-17	101	121-191	102A	121-348	102A	121-499	123AP	121-726	130
115-2(SYL)	192	120-002012	102A	121-18	124	121-192	102A	121-349	160	121-499-01A	123AP	121-726A	130
115-4	123	120-002013	102A	121-18(Zenith)	102A	121-193	102A	121-350	160	121-499-01C	123AP	121-730	123A
115-4(HCA)	123AP	120-002014	102A	121-19	102A	121-195B	123A	121-351	160	121-499-01C	123AP	121-731	312
115-13(RCA)	123AP	120-002213	160	121-21	101	121-205	100	121-352	160	121-499-1	123AP	121-732	161
115-14(RCA)	123AP	120-002214	160	121-22	101	121-206	100	121-353	160	121-500	161	121-734	102
115-225	123A	120-002216	160	121-24	101	121-207	100	121-354	100	121-501	161	121-735	108
115-227	160	120-002513	126A	121-25	101	121-208	100	121-355	160	121-502	161	121-735B	107
115-228	160	120-002515	126A	121-26	101	121-209	100	121-357	160	121-503	229	121-737	123A
115-229	160	120-002518	126A	121-27	102	121-210	100	121-358	160	121-504	229	121-737CL	128
115-268	121	120-002520	158	121-31	109	121-211	100	121-359	160	121-505	229	121-742	108
115-269	121	120-002521	102A	121-33	102A	121-212	100	121-360	126A	121-506	229	121-743	154
115-275	126A	120-002656	126A	121-34	102A	121-213	100	121-361	154	121-508	229	121-743-01	181
115-281	121MP	120-002748	102A	121-43	102A	121-219	100	121-362	158	121-509	229	121-743-031	196
115-282	121MP	120-003147	177	121-44	126A	121-220	100	121-363	121	121-510	108	121-744	123AP
115-283	121MP	120-003148	116	121-45	126A	121-221	100	121-364	123A	121-520	161	121-745	123AP
115-284	121MP	120-003149	125	121-46	102A	121-222	100	121-365	123A	121-521	161	121-746	129
115-559	116	120-003150	131	121-47	102A	121-225	100	121-366	123A	121-522	229	121-748	123AP
115-599	116	120-003151	195A	121-48	160	121-226	102A	121-367	123A	121-523	161	121-751	123A
115-867	117A	120-004048	126A	121-49	160	121-227	102A	121-368	158	121-524	229	121-752	172A
115-875	123A	120-004061	125	121-50	101	121-228	126A	121-369	123A	121-524A	229	121-753	108
115C5	784	120-004480	123A	121-51	101	121-229	126A	121-370	127	121-525	229	121-754	229
115C7	786	120-004482	123A	121-52	102A	121-230	126A	121-371	127	121-527	161	121-755	160
115C-8	912	120-004483	123A	121-52A	102A	121-231	126A	121-372	102	121-538B	160	121-756	312
115PA50	5591	120-004492	126A	121-53	100	121-232	126A	121-373	158	121-53			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
121-786	222	121-978-01	159	121J688-1	107	127	123A	130-30702	177	132-066	159	139-4(Coronado)	161
121-787	222	121-978-03	159	121J688-2	107	127-1	5314	130-40089	101	132-057	123A	139-5(MAG)	108
121-787-01	222	121-978-03C	159	121S2	6402	127-1(SYL-Rect)	5314	130-40095	102A	132-059	124	139-DDF(Delco)	29
121-792	154	121-980	189	121U2AT	6402	127-1(MAG-IC)	941M	130-40096	103A	132-062	123A	139DDF(Delco)	29
121-793	121	121-980(B.C.E.)	242	121U3AC	6402	127-7	101	130-40214	123A	132-063	123A	139N1	229
121-795	128	121-980(E.B.C.)	189	122-1(MAG)	238	127-115	199	130-40215	123A	132-065	175	139N1D	229
121-799	161	121-980-01	189	122-1(SYL)	123AP	127A905F01	5995	130-40216	199	132-066	128	139N2	161
121-803	153	121-982	123AP	122-2	123A	128	108	130-40229	109	132-069	123A	140-0007	123A
121-804	152	121-983	108	122-2(WARDS)	125	128-1(SYL)	287	130-40236	102A	132-070	130	140-0007	177
121-808	152	121-984	395	122-2(MAG)	238	128-1(MAG-IC)	871	130-40294	123A	132-072	184	140-013	116
121-813	128	121-985	165	122-2(SYL-Diode)	125	128-9050	130	130-40304	108	132-074	159	140N1C	130
121-819	194	121-986	159	122-3(SYL-Diode)	125	128A157F01	5995	130-40311	123A	132-075	123A	140N2	130
121-819-01	194	121-986A	159	122-3(MAG)	238	128A157F02	5995	130-40312	123A	132-076	161	141-0003	109
121-821	164	121-987	291	122-4(MAG)	238	128C212H01	9951	130-40313	123A	132-077	123A	141-078-0001	177
121-822	171	121-987-02	196	122-5(SYL-Diode)	125	128C213H01	910	130-40314	103A	132-078	157	141-402	161
121-823	161	121-988	292	122-5(MAG)	238	128C830H05	7493A	130-40315	159	132-079	185	142(BM)	177
121-824	161	121-988-02	197	122-6	123A	128N2	128	130-40317	123A	132-080	184	142(Zenith)	177
121-825	123AP	121-989	171	122-6(MAG)	238	128N4	108	130-40318	123A	132-081	184	142-001	123A
121-826	222	121-990	171	122-6(RCA)	123AP	128RS100	5584	130-40347	103A	132-082	161	142-002	199
121-827	108	121-992	291	122-7	199	128RS120	5584	130-40349	131 + 155(CP)	132-085	130	142-002(Regency)	199
121-829	162	121-992-01	291	122-7(RCA)	123AP	128WHT	123A	130-40352	102A	132-087	161	142-002(Reg.)	125
121-830	100	121-993	286	122-80	116	129-1(SYL-IC)	797	130-40357	123A	132-090	102A	142-003	199
121-831	165	121-994	292	122-229	100	129-4	176	130-40362	108	132-1(SYL)	194	142-004	152
121-834	108	121-995	229	122-1028	105	129-5	121	130-40421	108	132-2	151A	142-005	289A
121-835	108	121-996	163A	122-1028A	105	129-6	104	130-40429	159	132-3	152	142-006	186A
121-836	123A	121-997	313	122-1625	121	129-7	104	130-40439	131 + 155(CP)	132-4	152	142-006(Diode)	177
121-837	123A	121-998	313	122-1648	126A	129-8	102A	130-40456	158	132-4(RCA)	152	142-006(Regency)	186A
121-838	159	121-999	313	122-1962	103	129-8-1	102A	130-40459	108	132-5	196	142-007	282S
121-841	108	121-1000	229	122-A484	108	129-8-1A	102A	130-40883	199	132-5(RCA)	196	142-008	152
121-843	154	121-1001	229	122GRN	159	129-8-2	102A	130-40896	123A	132-90	102A	142-009	177
121-844	128	121-1002	107	122N2	283	129-9	121	130-40901	199	132-185	161	142-02	4049
121-845	129	121-1003	238	122YEL	159	129-10	121	130-40922	123A	132-501	123A	142-05	40107
121-846	108	121-1004	123AP	123-001	724	129-11	100	130A17268	116	132-502	123A	142-06	4038
121-848	108	121-1005	159	123-002	220	129-13	121	130L2	1V130	132-503	123A	142-07	4024B
121-849	107	121-1006	152	123-003	312	129-14	123	130ORN	107	132-504	123A	142-08	4040B
121-850	123AP	121-1007	129	123-004	123A	129-15	123	130-VIO	107	132-515	124	142-09	4016B
121-851	108	121-1008	291	123-005	199	129-16	123A	130YIE	116	132-516	124	142-010	177
121-853	196	121-1008-01	384	123-006	159	129-17	102	131(SEARS)	108	132-521	124	142-011	109
121-855	229	121-1009	292	123-007	199	129-18	102	131(ARVIN)	108	132-522	124	142-012	139A
121-855-01	229	121-1010	108	123-008	236	129-20	159	131-000561	128	132-523	124	142-013	116
121-856	123A	121-1011	108	123-009	235	129-21	123A	131-000562	121	132-524	124	142-014	116
121-857	108	121-1012	262	123-010	123A	129-23	175	131-001-007	130	132-525	124	142-015	5075A
121-858	312	121-1013	261	123-011	186A	129-27	161	131-005-353-1	197	132-526	124	142-016	5071A
121-860	312	121-1014	190	123-011A	186A	129-30	103A	131-005-807	128	132-539	123A	142-1(SYL)	125
121-861	159	121-1015	165	123-012	289A	129-31	102A	131-005-808	129	132-540	123A	142-2(SYL)	125
121-862	123AP	121-1016	159	123-013	109	129-32	102A	131-001007	130	132-541	130	142-3	123A
121-863	123AP	121-1017	123AP	123-015	109	129-33	152	131-005353-1	197	132-542	130MP	142-3(SYL)	125
121-865	159	121-1018	107	123-016	177	129-33(Pilot)	123A	131-005807	128	132N1	128	142-4	123A
121-868	171	121-1019	159	123-017	172A	129-34	159	131-005808	129	133-001	726	142-10	4017B
121-868-01	171	121-1019A	159	123-017(Diode)	519	129-34(Pilot)	159	131-043-67	130	133-001B	726	142-11	4022B
121-868-02	171	121-1020	194	123-018	506	129/181-P1	349	131-045-60	128	133-002	710	142-13	4015B
121-869	229	121-1021	159	123-019	5072A	129/181-P2	350	131-045-61	129	133-003	724	142-21	4053B
121-873	153	121-1023	229	123-020	139A	129/181-P3	351	131-04367	130	133-004	725	142-23	4002B
121-874	152	121-1024	222	123-021	116	129/181-P4	320	131-04560	129	133-005	724	142-27	4001B
121-875	159	121-1025	108	123-022	177	129BRN	123A	131-04561	129	133-0021-0	904	142N1	289A
121-876	123AP	121-1028	286	123-024	519	129N1	161	131-1(MAG)	210	133-1	188	142N1P	161
121-877	123AP	121-1028-01	51	123-025	177	129WHT	123A	131-1(SYL-IC)	1374	133-1(RCA)	188	142N3	123AP
121-878	128	121-1029	165	123-026	159	130	107	131-2(MAG)	210	133-3	152	142N3T	123A
121-879	128	121-1029-01	165	123-027	125	130-1(SYL-IC)	5695	131-2(SYL-IC)	1374	133P00195	7430	142N4	123A
121-880	196	121-1029-02	165	123-028	125	130-1(SYL-IC)	740A	131-3(SYL-IC)	1374	133P00195	9109	142N5	123A
121-881	123AP	121-1030	222	123-029	125	130-104	121	131-4(SYL-IC)	1374	133P00104	7430	142N6	108
121-883	229	121-1032	102	123B-002	186A	130-105	5081A	131-5(SYL-IC)	1376	133P00026	7483	143-05	960
121-884	108	121-1033	238	123B-003	177	130-112	107	131-6(SYL-IC)	1374	133P00029	7492	143-01	912
121-885	229	121-1034	171	123B-004	5071A	130-138	108	131A246F01	5995	133P00057	909	143C08	96A
121-886	153	121-1034-01	171	123B-005	137A	130-144	77	131A246F02	5995	133P00057	941D	144-1	519
121-887	152	121-1034-1	171	123B-006	5075A	130-144-01	77	131AS471	941	133P00104	941M	144-3	177
121-888	123AP	121-1035	297	123N1	164	130-146	130	131AS471	941	134060-P1	349	144-4	154
121-889	123AP	121-1036	297	123N2	191	130-149	159	131N2(Magnavox)	188	134060-P2	350	144-7001-02	116
121-895	123AP	121-1037	191	123S-437	128	130-150	77	131N2(Magnavox)	188	134060-P3	320	144-7015-01	142B
121-895A	123AP	121-1039	379	124-0028	125	130-150-01	77	131N2(Magnavox)	188	134060-P4	320	144-7015-01	166
121-896	159	121-1040	123AP	124-0165	5994	130-150-012	77	131N2G	152	134-1	189	144-7016-01	519
121-898	229	121-1040A	109	124-0178	116	130-152	316	132-001	102A	134-1(RCA)	189	144-7039-01	159
121-899	107	121-1043	123AP	124-0185	316	130-152-00	316	132-002	123A	134-1(P1)	339	144-1	121
121-900	108	121-1044	107	124-1(SYL)	397	130-152-01	316	132-003	171	134/164-P1	363	144-1-12-8	121
121-911	157	121-1045	85	124J490	116	130-152-02	316	132-004	123A	134/164-P2	363	144-1-12-8	121
121-911X	396	121-1048	453	124N1	101	130-172	77	132-005	123A	134/171-P1	367	144F(Dig. Trans)	2360
121-921-01	152	121-1051	85	124N16	123A	130-174	77	132-007	129	134/171-P2	367	144N1	4037
121-922-01	152	121-1052	171	124N16	123A	130-175	77	132-008	161	134N1G	4037	144N2	171
121-924	229	121-1059	159	125-1(SYL)	386	130-185	161	132-009	161	134N2	4037	144N6	154
121-925	108	121-1059A	159	125-4(RCA)	127	130-185-98	316	132-010	102A	134P1	234	144N6	154
121-926	153												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
147-7042-01	788	150C80	5592	151-023-9-001	116	151-0347-00	194	152-094-9-001	137A	157-259(MAG-Zener)	5001A	161-0151	159
147-7043-01	1232	150C80B	5582	151-024-9-001	177	151-0390-00	272	152-0127-00	5015A	157-270(MAG-Zener)	5033A	161-016H	123AP
147-7048-1	992	150C80L	5582	151-025-9-001	117A	151-0407-00	194	152-0141-02	177	157-279(MAG-Zener)	5002A	161-0161	123AP
147N1	283	150C70	5584	151-028-9-001	519	151-0410-00	234	152-0154	5642	157-280(MAG-Zener)	5034A	161-0161/H	123AP
147P2	294	150C70IL	5584	151-029-9-001	177	151-0417-00	106	152-0242-00	177	157-289(MAG-Zener)	5003A	161-016J	123AP
147-T1	121	150C90	5584	151-029-9-002	177	151-0424-00	123A	152-0268-00	5042A	157-300(MAG-Zener)	5035A	161-016J/K	85
148-1(SVL)	535	150C90IL	5584	151-029-9-003	116	151-0427-00	107	152-0269-00	614	157-309(MAG-Zener)	5004A	161-016K	123A
148-1(SVL-SCR)	535	150C90	5584	151-030-9-001	177	151-0434-00	395	152-0278-00	5004A	157-330(MAG-Zener)	5036A	161-0171	85
148-2(MAG)	123AP	150C90IL	5584	151-030-9-002	178MP	151-0453-00	234	152-0281-00	5030A	157-339(MAG-Zener)	5005A	161-017J	85
148-2(SVL-SCR)	542A	150C100	5584	151-030-9-003	137A	151-0456-00	199	152-0283-00	5039A	157-360(MAG-Zener)	5037A	161-017K	85
148-2A(MAG)	123AP	150C100IL	5584	151-030-9-004	614	151-0458-00	159	152-0286-00	5046A	157-369(MAG-Zener)	5006A	161-037J	85
148-3	506	150C110	5584	151-030-9-005	116	151-0459-00	159	152-0289-00	5058A	157-390(MAG-Zener)	5038A	161-039G	123AP
148-3(MAG)	194	150C110IL	5584	151-030-9-006	177	151-0471-00	107	152-0304-00	5029A	157-399(MAG-Zener)	5007A	161-039H	123AP
148-3(MAG-Diode)	506	150C120	5584	151-030-9-009	177	151-049	175	152-0333-00	519	157-430(MAG-Zener)	5039A	161-039J	123AP
148-4(MAG)	194	150C120IL	5584	151-031-9-001	137A	151-1	116	152-0395-00	5008A	157-439(MAG-Zener)	5008A	161-039J	123AP
148-5015-002-0	85	150C15	6154	151-031-9-003	137A	151-1(MAG-Diode)	552	152-0556-00	5312	157-470(MAG-Zener)	5040A	161-040H	159
148-5015-003-0	85	150FC15	6154	151-032-9-001	177	151-2(MAG-Diode)	552	152-141-1	519	157-479(MAG-Zener)	5009A	161-041H	123AP
148-5027-001-0	77	150GC15	6154	151-032-9-002	177	151-3(MAG-Diode)	552	152-221011	102A	157-510(MAG-Zener)	5041A	161-041H	123AP
148-5044-001-0	109	150JC15	6156	151-032-9-004	177	151-4(MAG-Diode)	552	152CB	5626	157-519(MAG-Zener)	5010A	161-041J	123AP
148-5046-002-0	289A	150K5A	6154	151-034-9-001	177	151-9	525	152N2	130	157-560(MAG-Zener)	5042A	161-042G	152
148-5046-003-0	289A	150K10A	6154	151-035-0-003	177	151-148-00-BC	175	152N2C	181	157-569(MAG-Zener)	5011A	161-042H	152
148-5047-001-0	85	150K20A	6154	151-035-9-001	519	151-150	128	152P1B	218	157-600(MAG-Zener)	5043A	161-043G	153
148-5047-002-0	85	150K30A	6154	151-035-9-003	177	151-150-1B	128	152P1C	180	157-609(MAG-Zener)	5012A	161-043H	153
148-5048-001-0	139A	150K40A	6154	151-035-9-004	519	151-211	128	153-008-9-001	614	157-620(MAG-Zener)	5044A	161-044D	375
148-134622	105	150K60A	6156	151-038	519	151-267-9-001	177	153-008-9-002	601	157-629(MAG-Zener)	5013A	161-044E	375
148N1	128	150K80A	6158	151-038-9-001	519	151-1002	126A	153-009-9-001	611	157-680(MAG-Zener)	5045A	161-046G	198
148N2	123A	150K100A	6158	151-040-7-003	116	151HX58	56006	153-011-9-001	605A	157-689(MAG-Zener)	5014A	161-046L	198
148N3	128	150K120A	6162	151-040-9-001	177	151M11	108	153-085-9-002	5016A	157-750(MAG-Zener)	5046A	161-047G	152
148N4	128	150KR5A	6155	151-040-9-002	177	151N1	108	153N1	196	157-759(MAG-Zener)	5015A	161-047H	152
148N12	123A	150KR10A	6155	151-040-9-003	116	151N2	123A	153N1C	152	157-820(MAG-Zener)	5047A	161-050H	159
148P-2	102A	150KR20A	6155	151-042-9-001	177	151N4	123A	153N2C	152	157-829(MAG-Zener)	5016A	161-051G(EBC)	399
148P-2-12	102A	150KR30A	6155	151-045	126A	151N5	123A	153N3	152	157-870(MAG-Zener)	5048A	161-051H	399
148P-2-12-3	102A	150KR40A	6155	151-045-9-001	116	151N11	108	153N4C	152	157-879(MAG-Zener)	5017A	161-053G	376
149-1(SVL)	123AP	150KR60A	6157	151-045-9-002	177	151N16	108	153N5C	152	157-910(MAG-Zener)	5049A	161-053G/H	376
149-4(MAG)	152	150KR80A	6159	151-045-9-003	506	151RA50	5582	153N6	152	157-919(MAG-Zener)	5018A	161-053H	376
149-5(MAG)	152	150KR100A	6159	151-046-9-001	116	151RA60	5582	154-000-9-001	614	157-1120(MAG-Zener)	5021A	161-054A	375
149-6(MAG)	153	150L2	1V150	151-049-9-001	177	151RA80	5584	154-004-9-001	613	157N3	188	161-061H	123AP
149-7(MAG)	153	150L5A	432/6154	151-049-9-002	177	151RA100	5584	154-500(SVL)	610	157P4	189	161-061H	123AP
149-8(MAG)	152	150L10A	432/6154	151-049-9-003	116	151RA110	5584	154A3675-105	102	157T1	180	161-0171	85
149-10(MAG)	152	150L15A	432/6154	151-049-9-007	601	151RA120	5584	154A3676	126A	157YEL	159	161-2NC	130
149-142-G1	177	150L20A	432/6154	151-050-9-001	116	151RB50	5582	154A3676-205	102	158(Sears)	123A	161-5	196
149-5007-001-0	1155	150L25A	432/6154	151-051-9-001	519	151RB60	5582	154A3677	126A	158-045-0027	128	161-118-0001	9910
149-5007-002-0	1155	150L30A	432/6154	151-059-9-001	519	151RB80	5584	154A3679	102	158-1(XTAL)	649	161-152-0101	9914
149-5007-003-0	1155	150L40A	432/6154	151-060-9-001	519	151RB100	5584	154A3679-5110	126A	158-1(RCA)	797	161-152-0102	9914
149-5010-002	1278	150L50A	432/6154	151-061-9-001	519	151RB110	5584	154A3680	121	158-1(SVL)	123A	161-249-1001	949
149-5021-001-0	1170	150L60A	432/6156	151-062-9-001	611	151RB120	5584	154A3992	116	158-2(MAG)	159	161A(SONY)	1309
149L-4	102A	150L70A	432/6158	151-064-9-001	519	151RC10	5580	154A5941	123A	158-2(RCA)	797	161-INC	130
149L-4-12	102A	150L80A	432/6158	151-064-9-002	519	151RC10A	5580	154A5943	124	158-3(MAG)	159	161-INC	130
149L-4-12-6	102A	150L90A	432/6158	151-066-9-001	177	151RC20	5580	154A5943-1	124	158-4(MAG)	159	161N2	130MP
149N1	184	150L100A	432/6158	151-067-9-001	177	151RC20A	5580	154A5946	123A	158-10	124	161N4	130
149N2	184	150L120A	432/6162	151-069-9-001	519	151RC30	5582	154A5946-667	129	158P1M	129	161N4C	130
149N2B	241	150LC15	6158	151-070-9-001	613	151RC30A	5582	154A5947-7732	106	158P2	159	161N5	331
149N2D	152	150LD11	6359	151-072-9-001	610	151RC40	5582	154A6681	102	158P2M	159	161N5C	331
149N4	184	150LR5A	432/6155	151-075-9-001	138A	151RC40A	5582	154T1	160	158P3	159	161N6	87
149N4B	241	150LR10A	432/6155	151-076-9-001	5101A	151RC50	5582	154T1A	160	158P10	5580	161T1	160
149N10D	152	150LR15A	432/6155	151-081-9-001	5313	151RC50A	5582	154T1B	160	158RP20	5580	161T2	108
149N2002D	152	150LR20A	432/6155	151-085-9-002	5016A	151RC60	5582	154WA(DIODE)	591	158RP30	5582	162(SONY)	1310
149N2004	152	150LR25A	432/6155	151-089-9-001	139A	151RC60A	5582	154WK(DIODE)	590	158RP40	5582	162-005A	552
149N2010	186A	150LR30A	432/6155	151-096-1C	129	151RC80	5584	155N1	196	158RP50	5582	162-005B	116
149P1	185	150LR40A	432/6155	151-0103-00	123A	151RC80A	5584	155T1	160	158RP60	5582	162-005D	116
149P1B	242	150LR50A	432/6157	151-0124-00	159	151RF15	5374	156	123A	158RP80	5584	162-2(MAG)	188
149P1D	152	150LR60A	432/6157	151-0126-00	123A	151RL50	5374	156-0011-00	9914	159-1(MAG-IC)	7406	162-3(MAG)	50
149P3	185	150LR70A	432/6159	151-0127-00	123A	151RL60	5374	156-0012-00	OBS-NLA	159T1	160	162-5(MAG)	153
149P4B	242	150LR80A	432/6159	151-0136	128	151RL80	5375	156-017-00-A	910	160E00	142A	162-6(MAG)	152
149P2001D	153	150LR90A	432/6159	151-0136-00	128	151RL100	5375	156-0015-00	909	160-2(SVL)	233	162-7(MAG)	153
149P2003	153	150LR100A	432/6159	151-0136-02	128	151RL110	5375	156-0017	903	160-3(SVL)	319P	162-8(MAG)	152
150	116	150LR120A	6163/432	151-0138	108	151RL120	5375	156-0017-00	912	160-4(SVL)	123A	162J2	116
150-001-005	109	150N1	161	151-0140	130	151RL20MX	5374	156-0018-00	903	160-5(SVL)	229	162J2	184
150-001-9-005	109	150N2	123A	151-0140-00	130	151RL120MX	5374	156-004-00	941	160E00S01	159	162-1(MAG)	152
150-001-9-007	109	150N3	161	151-0141	175	151RM10	5374	156-0053-00	923	160E05	6354	162P7	398
150-002-9-001	109	150NC15	6158	151-0141-00	175	151RM20	5374	156-0067-00	941M	160E05R	6355	162T1	180
150-004-9-001	109	150ND11	6359	151-0148	175	151RM30	5374	156-0067-06	941M	160E10	6354	162T2	107
150-005-9-001	109	150P1S	5580+0	151-0149	175	151RM40	5374	156-0071-00	923D	160E10R	6355	162-3(SVL)	107
150-006-9-001	109	150P2S	5580+0	151-0149-1A	175	151RM50	5374	156-0071-00	923D	160E20	6354	163-3(SVL)	107
150-007	110A	150P3S	5582+0	151-0188-00	15								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
167N1.....	123A	173A4483-1.....	159	175E70.....	6358	176-081-9-001.....	229	179-54142-09.....	4016B	185-007.....	152	189-30-8484.....	163A
167N2.....	123A	173A4483-2.....	159	175E70R.....	6359	176-081-9-002.....	229	179-54142-11.....	4017B	185-008.....	282B	189L-4.....	102A
168-002A.....	5455	173A4489-2.....	128	175E80.....	6359	176-081-9-003.....	229	179-54142-11.....	4022B	185-009.....	123A	189L-4-12.....	102A
168-003A.....	5455	173A4490-5.....	128	175E80R.....	6359	176-081-9-004.....	229	179-54142-13.....	4015B	185-010.....	199	189L-4-127.....	102A
168-9.....	193	173A4490-5.....	128	175E90.....	6358	176-082-9-001.....	229	179-54142-21.....	4053B	185-011.....	177	189L-4L.....	102A
168-107-001.....	177	173A4490-7.....	152	175E90R.....	6359	176-085-9-001.....	229	179-54142-23.....	4002B	185-012.....	177	189L-4L8.....	102A
168J2.....	156	173A4490-7.....	152	175E100.....	6358	176-085-9-002.....	108	179-56227-01.....	745112	185-013.....	177	189N1.....	238
168N1.....	121MP	173A4491-2.....	130	175E100R.....	6359	176-085-9-003.....	128	179-56227-02.....	74520	185-014.....	116	189N1G.....	238
168P1.....	121MP	173A4491-2A.....	130	175PA10.....	5591	176-087-9-001.....	235	179-56227-03.....	7451400	185-015.....	139A	190-1(SYL).....	168
169-257.....	124	173A4491-4.....	130	175PA60.....	5591	176-087-9-002.....	236	179-56227-04.....	4021B	185-1(SYL).....	210	190-1(SQUARE).....	531A
169-284.....	124	173A4491-5.....	152	175PA80.....	5592	176-089-9-002.....	229	179-56227-05.....	4066B	185-6(RCA).....	116	190-1(ROUND).....	530A
170(RCA).....	163	173A4491-5.....	152	175PA100.....	5592	176-089-9-003.....	85	179-56228-02.....	973D	185-8.....	5603	190-2(MAG).....	171
170(SONY).....	1001	173A4491-7.....	130	175PA110.....	5592	176-089-9-004.....	289A	179-56228-03.....	941D	185-9-01.....	5635	190-3(MAG).....	171
170-1.....	583	173A4491-8.....	152	175PA120.....	5592	176-089-9-005.....	235	179-56228-07.....	906	185-9-02.....	5635	190A.....	610A
170-9.....	128	174-002-9-001.....	103A	175RA60.....	5587	176-089-9-007.....	235	179-56228-07.....	740A	185-12(Admiral).....	159	190AR.....	6105
171-001-9-001.....	121	174-1.....	116	175RA80.....	5589	176-095-9-001.....	85	179-56228-11.....	925	185-12(Coronado).....	159	190B.....	6104
171-003-9-001.....	124	174-1(SYL).....	125	175RA100.....	5589	176-1(SYL).....	171	179-56228-12.....	989	185-736.....	175	190BRR.....	6105
171-015-9-001.....	121	174-1(TRANSISTOR).....	190	175RC10.....	5587	176-121-9-001.....	139	179-56228-15.....	992	185T2A.....	283	190CR.....	6105
171-016-9-001.....	131	174-1(Philco).....	190	175RC120.....	5589	176-121-9-002.....	139	179-56228-18.....	4050	186-03.....	283	190D.....	6104
171-043(RCA).....	558	174-2.....	116	175RC10.....	5587	176-121-9-003.....	97	179-56228-19.....	3042	186-001.....	229	190DR.....	6105
171-1.....	116	174-2(SYL).....	125	175RC20.....	5587	177(SONY).....	1306	179-56228-20.....	3045	186-002.....	123A	190N1.....	171
171-2.....	116	174-3(SYL).....	116	175RC40.....	5587	177-001.....	129	179-56228-21.....	3045	186-003.....	199	190N1C.....	184
171-9.....	558	174-3(SYL).....	116	175RC60.....	5587	177-001-9-001.....	129	179-56228-22.....	130	186-004.....	199	190N1D.....	190
171-31(RCA).....	558	174-3A82.....	100	175RC80.....	5589	177-006-9-001.....	159	179-56228-23.....	289	186-05.....	289	190N3.....	184
171-37(RCA).....	552	174-4(SYL).....	156	176-003.....	108	177-006-9-002.....	290A	179P1.....	219	186-006.....	289A	190N3C.....	184
171-39(RCA).....	525	174-5(SYL).....	125	176-003-9-001.....	108	177-007-9-001.....	234	180-1.....	116	186-007.....	123A	190N4.....	171
171DIP-72.....	F1A0024%	174-5(SYL).....	125	176-004.....	128	177-012-9-001.....	159	180-1(SYL).....	116	186-008.....	186A	190P.....	6104
171DIP-75.....	F1A0024%	174-14809-72.....	5008A	176-004-9-001.....	108	177-015.....	159	180-6302.....	400	186-009.....	186A	190PA.....	6104
171DIP-120.....	F1A005C%	174-20898-16.....	180	176-005.....	108	177-015-9-001.....	159	180N1.....	233	186-010.....	282B	190V039H18.....	118
171DIP-135.....	F1A005C%	174-20898-17.....	284	176-005-9-001.....	108	177-018-9-001.....	294	180T2.....	130	186-011.....	177	191-12(Admiral).....	123A
171DIP-158.....	F2A005%	174-20898-18.....	124	176-006-9-001.....	108	177-018-9-002.....	290A	180T2A.....	130	186-011(Transistor).....	282B	191-12(Coronado).....	199
171DIP-180.....	F2A005%	174-20898-20.....	284	176-006-9-002.....	108	177-020-9-001.....	294	180T2C.....	130	186-012.....	177	192-1A2.....	105
171DIP-161.....	F2A024%	174-20898-21.....	181	176-007.....	108	177-023-9-001.....	153	180T2D.....	130	186-013.....	109	192-10(Admiral).....	124
171P1(GE).....	366	174-20898-22.....	124	176-007-9-001.....	108	177-024-9-001.....	290A	181(SONY).....	1307	186-014.....	116	192-11(Admiral).....	171
171P2(GE).....	480	174-20898-23.....	283	176-008-9-001.....	108	177-025-9-001.....	290A	181-000100.....	718	186-015.....	177	192-100(MAG-Zener).....	140A
172(SONY).....	1304	174-20898-26.....	281	176-008-9-002.....	108	177-026-9-001.....	234	181-000200.....	718	186-016.....	139A	192-101(MAG-Zener).....	509A
172-001.....	224	174-20898-29.....	124	176-009-9-001.....	199	177-027-9-001.....	129	181-003-001.....	640B	186-017.....	147A	192-102(MAG-Zener).....	509A
172-003-9-001.....	130	174-22826-03.....	5214A	176-010-9-001.....	123A	177-032-9-001.....	159	181-005-9-001.....	5461	186-018.....	4016B	192-110(MAG-Zener).....	151A
172-003-9-001A.....	130	174-22826-04.....	5191A	176-011-9-001.....	289A	177-037-9-001.....	159	181-00200.....	718	186-11(Admiral).....	165	192-111(MAG-Zener).....	142A
172-006-9-001.....	186	174-22826-06.....	5202A	176-012-9-001.....	123A	177-045-9-002.....	153	181-1(SYL).....	389	186-11(Coronado).....	165	192-120(MAG-Zener).....	142A
172-007-9-001.....	237	174-22826-08.....	5188AK	176-013-9-001.....	195A	177-051-9-001.....	153	181-1(SYL-Diode).....	519	186-12(Admiral).....	165	192-121(MAG-Zener).....	5097A
172-008-9-001.....	237	174-22826-10.....	5197AK	176-014-9-001.....	123A	177A01.....	798	181-1F(MAG-Diode).....	519	186-13.....	121MP	192-131(MAG-Zener).....	5098A
172-009-9-001.....	237	174-22826-11.....	5204AK	176-014-9-002.....	235	177A01A.....	798	181-2(SYL).....	519	186B-3-12.....	121MP	192-150(MAG-Zener).....	145A
172-010-9-001.....	152	174-22826-16.....	5196A	176-014-9-003.....	236	177A02.....	748A	181-2(MAG-Diode).....	519	186B-3-127.....	121MP	192-151(MAG-Zener).....	5100A
172-011-9-001.....	236	174-22826-22.....	5204AK	176-015-9-001.....	186	177A03.....	798	181-3(SYL).....	389	186B-3L.....	121MP	192-160(MAG-Zener).....	5075A
172-013-9-001.....	186A	174-22826-23.....	5181A	176-015-9-002.....	199	177A05.....	749	181-3(MAG-Diode).....	519	186B-3L8.....	121MP	192-161(MAG-Zener).....	5075A
172-014-9-001.....	152	174-22826-24.....	5188A	176-016-9-001.....	107	177A07.....	767B	181-12(Admiral).....	123A	186N.....	161	192-181(MAG-Zener).....	5103A
172-014-9-002.....	282B	174-22826-26.....	5177A	176-016-9-002.....	229	177A1-82.....	105	181P1(GE).....	349	186N1(Last IF).....	233	192-200(MAG-Zener).....	5079A
172-014-9-003.....	152	174-25566-01.....	129	176-016-9-003.....	289A	177B01.....	798	181P2(GE).....	350	187-1.....	150A	192-201(MAG-Zener).....	5105A
172-014-9-007.....	152	174-25566-02.....	316	176-017-9-001.....	194	177B02.....	748A	181P3(GE).....	351	187-1(SYL).....	5047A	192-202(MAG-Zener).....	5080A
172-024-9-001.....	186A	174-25566-21.....	128	176-017-9-002.....	195A	177B1-82.....	121MP	181P4(GE).....	351	187-2.....	151A	192-203(MAG-Zener).....	5080A
172-024-9-002.....	235	174-25566-30.....	123	176-017-9-003.....	295	177C-1-82.....	121MP	181T2A.....	130	187-2(SYL).....	5050A	192-204(MAG-Zener).....	5080A
172-024-9-003.....	236	174-25566-36.....	129	176-018-9-001.....	289A	178-1(Philco).....	193	181T2B.....	280	187-3.....	5029A	192-205(MAG-Zener).....	5080A
172-024-9-004.....	152	174-25566-40.....	159	176-018-9-002.....	199	178-1(SYL).....	193	181T2C.....	130	187-3(SYL).....	5029A	192-300(MAG-Zener).....	5084A
172-024-9-005.....	130	174-25566-48.....	108	176-019-9-001.....	194	178-12(Admiral).....	159	182-009-9-001.....	312	187-4.....	5031A	192-330(MAG-Zener).....	147A
172-026-9-001.....	152	174-25566-50.....	128	176-019-9-002.....	195A	178R5100.....	5584	182-01(Zen).....	4081B	187-5(SYL).....	5047A	192-331(MAG-Zener).....	5069A
172-028-9-001.....	235	174-25566-58.....	159	176-020-9-001.....	229	178R5120.....	5584	182-02(Zen).....	4075B	187-6.....	140A	192-360(MAG-Zener).....	136A
172-029-9-001.....	236	174-25566-60.....	311	176-020-9-002.....	295	179-062-9-001.....	199	182-08(Zen).....	4001B	187-6(SYL).....	5019A	192-369(MAG-Zener).....	5086A
172-029-9-001(R.F.Pwr).....	236	174-25566-62.....	129	176-021-9-001.....	289A	179-065-9-001.....	229	182-014-9-002.....	312	187-7.....	5081A	192-390(MAG-Zener).....	5086A
172-031-9-003.....	152	174-25566-63.....	128	176-021-9-002.....	199	179-081-9-003.....	229	182-014-9-003.....	312	187-7(SYL).....	5019A	192-391(MAG-Zener).....	5086A
172-038-9-001.....	295	174-25566-66.....	123A	176-022-9-001.....	199	179-1(SYL).....	5099A	182-015-9-001.....	312	187-10(SYL).....	5052A	192-392(MAG-Zener).....	5086A
172-038-9-002.....	235	174-25566-73.....	129	176-022-9-002.....	199	179-1(MAG-Diode).....	177	182-021-9-001.....	312	187-11(SYL).....	5021A	192-393(MAG-Zener).....	5086A
172-038-9-003.....	186A	174-25566-74.....	159	176-023-9-001.....	130	179-1(NAP).....	285	182-028-9-001.....	312	187-12.....	136A	192-470(MAG-Zener).....	5086A
172-040-9-001.....	130	174-25566-76.....	128	176-023-9-002.....	229	179-2(MAG-Diode).....	177	182-029-9-001.....	312	187-12(SYL).....	5011A	192-479(MAG-Zener).....	5086A
172-050-9-001.....	85	174-25566-77.....	123A	176-024-9-001.....	123A	179-2(SYL).....	145A	182-029-9-002.....	312	187-12(Coronado).....	196	192-510(MAG-Zener).....	5089A
172-051-9-001.....	294	174-25566-78.....	128	176-024-9-002.....	199	179-2(NAP).....	284	182-037-9-001.....	312	187-12(Admiral).....	281	192-511(MAG-Zener).....	135A
172-1(SYL).....	506	174-25566-79.....	159	176-024-9-003.....	199	179-3(NAP).....	37	182-038-9-001.....	222	187-13(SYL).....	5052A	192-560(MAG-Zener).....	5090A
172-2(SYL).....	506	174-25566-80.....	123A	176-024-9-004.....	186A	179-3(MAG-Diode).....	177	182-038-9-001(Diode).....	109	187-13(MAG-Zener).....	5052A	192-569(MAG-Zener).....	136A
172-8(Coronado).....	171	174-25566-81.....	159	176-024-9-005.....	289A	179-4.....	140A	18					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
198T013P02	548	201F(SCR)	5527	203-5-6800-65950	290A	207V073C04	159	212-141-04	526A
198T016P01	5458	201H(SCR)	5527	203-5-6810-65950	290A	208RP10	5587	212-141-05	526A
198-Power	121	201K(SCR)	5529	203-5-6820-68450	290A	208RP20	5587	212-142	522
200-007	108	201M	5529	203-5-6830-43850	383	208P30	5587	212-142-01	522
200-010	108	201P	5531	203-5-6840-56050	383	208RP40	5587	212-142-02	522
200-011	128	201S(SCR)	5531	203-5-6850-40050	382	208RP50	5587	212-143	530
200-015	128	201X2000-118	109	203-5-6870-54556	293	208RP60	5587	212-144	530
200-016	123	201X2010-144	519	203-5-6870-54556	293	208RP80	5587	212-145	528
200-018	175	201X2010-159	519	203-5-6870-54576	382	209-30	159	212-145-01	528
200-052	159	201X2010-165	177	203-5-6900-40050	382	209-31	109	212-145-02	528
200-053	312	201X2100-119	525	203-5-6940-54540	293	209-32	177	212-146	528
200-055	108	201X2100-126	552	203-5-7000-92970	234	209-34	123A	212-146-01	528
200-056	108	201X2100-164	558	203-5-7200-80880	159	209-36	103A + 158P	528	
200-057	123A	201X2120-009	552	203-5-7230-60850	159	209-862	123A	212-147	559
200-058	123A	201X2130-234	552	203-5-7230-60880	159	209-862	123A	212-147-01	559
200-064	312	201X2220-118	5018A	203-5-7252-27450	289A	209-863	123A	212-148	560
200-076	152	201X2220-878	5049A	203-5-7512-44150	373	209A(LED)	3007	212-148-01	560
200-102	128	201X2230-042	5070A	203-5-7521-04750	374	209A1	159	212-150	562
200-846	123A	201X3120-216	116	203-5-8210-32550	159	210A(TTF3638)	159	212-151	562
200-856	103A + 158P	201X3120-255	116	203-5-8510-50740	153	210BWT4121	106	212-192	116
200-862	123A	201X3130-109	125	203-5-8530-51450	153	211-58	5804	212-254	116
200-863	123A	202-1	189	203-5-8550-31340	152	211-40140-18	130	212-255	123A
200-3055	130	202-5-1000-55310	613	203-5-8550-31350	152	211A6380-1	152	212-255	123A
200-5582	156	202-5-2300-01710	116	203-5-8550-31350	152	211A6380-2	152	212-255	123A
200-5582-22	117A	202-5-2300-01810	116(2)	203-5-8570-33050	152	211A6381-1	175	212-255	123A
200A	103	202-5-2310-13020	116	203-5-8620-32540	152	211A6381-2	152	212-29500A	500A
200AGELO3731	127	202-5-2320-13110	116(2)	203-5-8620-32560	152	211A6381-1	175	212-29501B	5015
200AGELO3730	127	202-5-2320-13210	125(2)	203-5-8620-32560	152	211A6382-2	152	212-29501B	5015
200R1B	156	202-5-2320-131101	116	203-5-8620-32560	152	211A6382-2	152	212-29501B	5015
200R3B	5804	202-5-2440-13040	125	203-5-8620-32560	152	211A6382-2	152	212-29501B	5015
200R5B	5806	202-5-2450-13540	116	203A(SCR)	5521	211AVPF3415	123A	212-29526A	526A
200R7B	5806	202-5-2470-13540	116	203B(SCR)	5522	211AVTE4275	123A	212-29526A	526A
200R8B	156	202-5-2500-13540	116	203C(SCR)	5522	212-00102	500A	212-29526A	526A
200R9B	156	202-5-2720-02015	5313	203D(SCR)	5522	212-00104	500A	212-29530	530
200R9B	156	202-5-2720-04015	5313	203E(SCR)	5527	212-00104	500A	212-29531	531
200R10B	156	202-5-2810-44210	177	203F(SCR)	5527	212-00128	521	212-29532	532
200R14B	5804	202-5-3200-02410	5000A	203H(SCR)	5527	212-00130	521	212-29532	532
200X408S-415	290A	202-5-3200-03310	5005A	203K(SCR)	5529	212-013	500A	212-29534	534
200X2100-022	1004	202-5-3210-04710	5017(1)	203P	5531	212-018	116	212-29535	535
200X2110-269	712	202-5-3210-05110	5010(1)	203S	5531	212-21	116	212-29536	536A
200X2120-003	1080	202-5-3210-05610	5011(1)	203S4D	222	212-21	116	212-29536	536A
200X2120-033	1080	202-5-3210-05620	5011(1)	203S4D	222	212-21	116	212-29537	537
200X2300-033	1471	202-5-3210-056213	5013(1)	203S4D	222	212-21	116	212-29538	538
200X2501-708	1196	202-5-3210-12010	5021(1)	204-1	177	212-27	116	212-29539	539
200X2600-149	615A	202-5-3210-13010	5022A	204-1(SYL)	177	212-33	116	212-29549	549
200X2600-183	1546	202-5-3210-13020	5022A	204A(SCR)	5521	212-35	116	212-29550	550
200X2700-059	1758	202-5-3210-15010	5024A	205-1(MAG-Diode)	555	212-36	116	212-29554	554A
200X3110-607	94	202-5-3210-15020	5024A	205-2(MAG-Diode)	555	212-36	116	213-1(MAG)	128
200X3145-404	94	202-5-3210-16010	5025A	205-3(MAG-Diode)	553	212-39	116	213N1	128
200X3151-432	376	202-5-3210-18010	5027A	205-4(MAG-Diode)	553	212-40	116	213N2	128
200X3162-538	291	202-5-3210-20200	5030A	205-5(MAG-Diode)	555	212-41	116	214-295(Zenith)	552
200X3162-538(Wells Garden)	291	202-5-3230-06820	5071A	205-5-2541-44210	177	212-42	116	215-51	116
200X3172-208	376	202-5-3230-07010	5071A	205-5-3040-44210	177	212-46	120	215-58	116
200X3172-208(Wells Garden)	376	202-5-3230-22020	5079A	205-14	375	212-47	116	215-76(GE)	116
200X3174-006	85	202-5-4620-01010	167	205-18-0011	228A	212-48	116	215-75567	199
200X3174-014	123AP	202-5-9110-18820	109	205-142-G1	178MP	212-49	116	215Z4	145A
200X3174-021(Wells Garden)	85	202-5-9110-18824	109	205A2-210	1075A	212-50	116	216-001-001	152
200X3174-021	85	202-5-9600-44610	519	206(IIC)	1075A	212-51	116	216N2	165
200X3181-523	389	202-209	5069A	206-5-0081-20113	1003	212-58	116	217(RCA)	161
200X3189-304	389	202A	103	206-5-0081-20122	1003	212-61	116	217-1	108
200X3189-408	238	202A(SCR)	5501	206-5-0131-22210	1227	212-62	116	217-1(MAG)	392
200X3190-604	107	202A(SCR)	5502	206-5-0151-23010	788	212-63	120	217-2(MAG)	130
200X3192-101	287	202C(SCR)	5504	206-5-0151-32010	788	212-64	116	217-3(MAG)	392
200X3206-800	198	202D(SCR)	5504	206-5-0161-32110	1441	212-65	116	217-4(MAG)	130
200X3207-306	375	202E(SCR)	5507	206-5-0171-24010	1214	212-66	502	217-5(MAG)	130
200X3222-907	399	202F(SCR)	5507	206-5-0191-24510	1608	212-67	502	217N1	392
200X3223-025	399	202H(SCR)	5507	206-5-0483-36110	1248	212-68	506	217N1D	280
200X3224-007	397	202K(SCR)	5509	206-5-0743-35011	1217	212-70	116	217N2	130
200X3224-094	397	202M	5529	206-5-0743-35012	1217	212-71	116	217N3	392
200X3248-217	399	202N1	189	206-5-0783-21011	1466	212-72	116(4)	217N4	130
200X4049-081	398	202P1	5531	206-5-0783-16010	1170	212-76	116	217N5	130
200X4058-260	290A	202P2	189	206-5-0834-10214	1228	212-76-01	116	218-22	123A
200X4082-614	290A	202P2	189	206-5-0944-05110	1150	212-76-02	116	218-23	123A
200X4085-415	398	202S	5531	206-5-1044-25010	1386	212-76-03	116	218-24	123A
200X4094-001	398	203	116	206-5-1384-19220	1667	212-77	116	218-25	123A
200X4101-500	290A	203-1	222	206-5-2341-41610	1512	212-79	116	218-26	128
200X4457-806	375	203-2(MAG)	222	206-5-5970-05010	1281	212-80	506	218A-464-PM	5695
200X4547-81	375	203-4	222	206-5-7260-06010	1346	212-85	118	218A4164P1M	5695
200X4589-802	99	203-5-4570-73460	85	206-5-7310-45750	1330	212-85B	118	219-7(SYL)	113A
200X8000-001	109	203-5-4921-01270	382P	206-5-7320-45910	1330	212-87-01	714	220	175
200X8000-026	109	203-5-5000-53640	85	206-5-7340-46170	1331	212-87-01	714	220(MMM-MOV)	1V014
200X8010-084	519	203-5-5000-53650	85	206-5-7340-46310	1331	212-89	116	220(MMM-MOV)	1V014
200X8010-102	605A	203-5-5000-53660	85	206-5-7340-46310	398	212-94B	116	220-001001	123A
200X8010-165	177	203-5-5000-53660	85	206-709-001	909	212-95	504	220-001002	123A
200X8100-130	552	203-5-5000-53660	85	207-8(Coronado)	128	212-96	519	220-001011	108
200X8130-171	525	203-5-5000-53661	85	207A(SCR)	5470	212-102	521	220-001012	108
200X8220-531	5024A	203-5-5000-53664	85	207A1	160	212-103	521	220-002001	131
200X8220-851	5019A	203-5-5000-53670	85	207A3	102A	212-104	521	220-003001	116
200X8220-878	5018A	203-5-5000-536541	85	207A7	102A	212-105	521	220-008001	312
201	159	203-5-5000-536641	85	207A10	123A	212-106	521	220C4	5534A
201(MMM-MOV)	1V115	203-5-5083-33160	85	207A14	234	212-108	501B	221(MMM-MOV)	1V130
201(MMM-MOV)	1V115	203-5-5100-53640	85	207A16	175	212-109	501B	221(SEARS)	123A
201-0723A	5073A	203-5-5100-53650	85	207A20	104	212-110	501B	221(MMM-MOV)	1V130
201-15	102A	203-5-5100-53660	85	207A25	107	212-128	521	221-0048	713
201-25-4343-12	108	203-5-5100-53750	289A	207A16A	175	212-129	521	221-30	909
201-254323-12	108	203-5-5100-69372	199	207A17	199	212-130	521	221-31	703
201-254323-13	108	203-5-5151-57170	199	207A20A	104	212-130X	521	221-32	703
201-254343-12	108	203-5-5151-57179	199	207A25	107	212-131	521	221-34	708
201-254343-13	107	203-5-5251-5170	199	207A26	179	212-132	521	221-35	708
201-254343-22	161	203-5-5251-51709	19						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
229-5100-231	109	236-0017	9962	245N2	163A	251FAS	6357 ♦	260-10-041	297	260P10003A	128	260P26302	187A
229-5100-232	116	236-0018	7420	245N2B	280	251FSS	6357 ♦	260-10-042	199	260P10005	128	260P27901	379
229-5100-233	116	236-0021	7486	246-1(MAG-Bridge)	167	251F6S	6357 ♦	260-10-043	236	260P10301	154	260P28003	287
229-5100-234	116(0)	236-0022	941D	246-1(BEC-MAG)	395 ♦	251F8S	6359 ♦	260-10-044	5072A	260P10403	108	260P28103	289A
229-5100-235	506	236-0023	778A	246-2(BEC-MAG)	395 ♦	251F10S	6359 ♦	260-10-046	137A	260P10501	108	260P28104	289A
230-0006	109	236-0024	4001B	246P	159	251M1	103	260-10-047	177	260P10502	108	260P28107	289A
230-0014	177	236-0025	4016B	246P1	159	251RA50	5587 ♦	260-10-048	109	260P10601	161	260P28401	152
230-0023	139A	236-0026	4016B	247-016-013	108	251RA60	5587 ♦	260-10-049	177	260P10602	108	260P28701	186
231-0000-01	185	236-0027	4016B	247-3(SYL)	116	251RA100	5589 ♦	260-10-051	229	260P10707(BCE)	85	260P30008	165
231-0000-03	102A	236-0028	4030B	247-255	116	251RA110	5589 ♦	260-10-052	154	260P10801	154	260P31303	289A
231-0001-01	289A	236-0029	7408	247-256	103A	251RA120	5589 ♦	260-10-053	236	260P11101	108	260P31102	297
231-0002	199	236-0030	7486	247-257	123A	251RC10	5587	260-10-054	152	260P11101A	108	260P33108	165
231-0003	173	236-0031	4006B	247-621	116	251RC20	5587	260-10-055	236	260P11102	233	260P33408	164
231-0004	130	236-0032	4024B	247-623	102A	251RC30	5587	260-10-056	316	260P11209	165	260P33802	289A
231-0004-01	199	236-0033	980	247-624	121	251RC40	5587	260-10-057	519	260P11302	123A	260P33803	289A
231-0004-02	123A	236-0034	902	247-625	128	251RC50	5587	260-10-20	123A	260P11303	123A	260P33804	289A
231-0004-03	123A	236-0035	902	247-626	128	251RC60	5587	260-10-46	137A	260P11304	123A	260P33805(ECB)	47
231-0006-03	179	236-0036	941B	247-627	123A	251RC80	5587	260-61-011	177	260P11305	123A	260P33806	289A
231-0008	175	236-0038	7426	247-628	123A	251RL60	5589 ♦	260-61-047	177	260P11403	159	260P34008	292
231-0009	102	236-0039	976	247-2222	123AP	251RL80	5377 ♦	260-61-067	177	260P11502	123A	260P34202	196
231-0058	121	236-0040	7474	247AS-C0450-001	923	251RL100	5378 ♦	260D04001	102A	260P11503	123A	260P34602	376
231-0011	121	236-0041	7416A	247AS-C1249-001	123A	251RL110	5378 ♦	260D04002	102A	260P11504	123A	260P35101	376
231-0013	128	236-0042	7402	249-1L	929	251RL120	5378 ♦	260D04003	102A	260P11505	123A	260P35301	287
231-0014	130	236-0044	7420	249-519(MAG-Zener)	5010T1	251RLD60MX	5377	260D0507	109	260P12001	123A	260P35401	198
231-0015	121	236-0045	7430	249-629(NAP-Zener)	5013T1	251RLD110MX	5378	260D0507	109	260P12002	123A	260P35502	198
231-0018	172A	236-0046	7432	249N	229	251RLM60	5377 ♦	260D0507	109	260P12401	128	260P35601	376
231-0020	183	236-0047	7419B	250-071(MAG)	199	251RLM80	5377 ♦	260D0507	109	260P12481	128	260P35908	389 ♦
231-0021	183	236-0048	7419B	250-072(MAG)	199	251RLM100	5378 ♦	260D0507	109	260P12701	152	260P36001	290A
231-0023	188	236-0055	951	250-0359	152	251RM100	5378 ♦	260D0507	109	260P12701	152	260P36003	290A
231-0024	189	236-0059	74H86	250-0373	199	251RM110	5378 ♦	260D0507	109	260P13001	126A	260P36101	295
231-0025	123A	236-0061	4016B	250-0380	229	251RM120	5378 ♦	260D0507	109	260P13704	129	260P36201	235
231-0026	159	236-0062	4023B	250-0711	199	252-1(MAG-Zener)	177	260D07201	154	260P14101	85	260P36501	108
231-0027	159	236-0063	4069	250-0712	123A	252-2(WARDs)	177	260D07201	154	260P14102	123A	260P37108	291
231-0028	123AP	236-0064	955M	250-1(MAG)	171	252-2(WARDs)	177	260D07301	128	260P14103	123A	260P37504	234
231-0029	159	236-0065	4071B	250-1(SYL)	600	252-113002-001	911	260D08013	107	260P14105	123A	260P38001	399
231-0032	289A	236-0068	4071B	250-2(MAG)	171	253-1(MAG-Zener)	5099A	260D08214	210	260P14202	196	260P38101	238
231-0033	289A	236-0070	74C00	250-2(MAG)	171	253-4(MAG-Zener)	5099A	260D08214	210	260P14203	196	260P38501	399
231-0034	290A	236-0073	968	250-1213	635A	253-5	5073A	260D08301	128	260P14407	375	260P38601	399
231-0036	189	236-0075	968	250-1312	199	253-5(MAG-Zener)	5073A	260D08301	128	260P14501	229	260P38701	382
231-0037	188	236-0082	931	250BC15	635A	253-6(MAG-Zener)	142A	260D08801	123A	260P15100	124	260P39008	165
231-0038	184	236-0085	2041B	250DC15	635A	253-7(MAG-Zener)	5097A	260D08912	158	260P15108	124	260P41604	289A
231-0039	288	236-0090	4042B	250FC15	635A	253-8(MAG-Zener)	5098A	260D09001	123A	260P15201	159	260P41905	289A
231-0040	181	236-0091	4043B	250GC15	635A	253-9(MAG-Zener)	5098A	260D09001	123A	260P15202	159	260P42002	375
231-0041	180	236-0092	4050B	250J05L	5322	253-10(MAG-Zener)	5098A	260D09001	123A	260P15203	159	260P42201	399
231-0042	123AP(2)	236-0093	4051B	250J05P	5322	253-12(MAG-Zener)	5094A	260D09413	102A	260P16009	175	260P42502	157
231-0043	159	236-0094	4072B	250J05P	5322	253-13(MAG-Zener)	135A	260D09413	102A	260P16101	161	260P42504	157
231-0044	123AP	236-0095	4073B	250J05P	5322	253-14(MAG-Zener)	142A	260D09612	128	260P16202	124	260P42706	196
231-0045	123AP	236-0096	4075B	250J05P	5322	253-15(MAG-Zener)	5073A	260D09612	128	260P16203	124	260P42807	375
231-0046	241	236-0097	4082B	250J05P	5322	253-16(MAG-Zener)	5073A	260D09612	128	260P16204	124	260P42907	375
231-0048	6402	236-0098	4034B	250J05P	5322	253-17(MAG-Zener)	5073A	260D09612	128	260P16302	108	260P43202	89
231-0051	159	236-0100	4078B	250J05P	5322	253-18(MAG-Zener)	5073A	260D09612	128	260P16302	108	260P43202	89
231-0052	181	236-0101	4520B	250J05P	5322	253-19(MAG-Zener)	5073A	260D09612	128	260P16502	290A	260P43501	89
231-0053	123AP	236-0109	5455	250J05P	5322	253-20(MAG-Zener)	5073A	260D09612	128	260P16503	290A	260P44701	2302
231-0058	183	236-11(MAG-Diode)	125	250J05P	5322	253-21(MAG-Zener)	5073A	260D09612	128	260P16504	159	260P45201	399
231-0059	182	239A7920	196	250J05P	5322	253-22(MAG-Zener)	5073A	260D09612	128	260P16604	290A	260P45201	399
231-0066	271	239A7921-1	197	250J05P	5322	253-23(MAG-Zener)	5073A	260D09612	128	260P16604	290A	260P45201	399
231-0067	287	239P1(GE)	480	250J05P	5322	253-24(MAG-Zener)	5073A	260D09612	128	260P16802	298	260P45201	399
231-0068	288	239P2(GE)	480	250J05P	5322	253-25(MAG-Zener)	5073A	260D09612	128	260P16803	298	260P45201	399
231-0070	263	240A10	A40240	250J05P	5322	253-26(MAG-Zener)	5073A	260D09612	128	260P17002	108	260P45201	399
232-0001	457	240A25	A40240	250J05P	5322	253-27(MAG-Zener)	5073A	260D09612	128	260P17101	123AP	260P45201	399
232-0003	116	240A45	A40240	250J05P	5322	253-28(MAG-Zener)	5073A	260D09612	128	260P17102(BCE)	85	260P45201	399
232-0006	116	240D3	B40240	250J05P	5322	253-29(MAG-Zener)	5073A	260D09612	128	260P17103	123AP	260P45201	399
232-0006-02	177	240D5	B40240	250J05P	5322	253-30(MAG-Zener)	5073A	260D09612	128	260P17104	123A	260P45201	399
232-0007	5875	240D10	B40240	250J05P	5322	253-31(MAG-Zener)	5073A	260D09612	128	260P17105	123A	260P45201	399
232-0008	5983	240D25	B40240	250J05P	5322	253-32(MAG-Zener)	5073A	260D09612	128	260P17201	108	260P45201	399
232-0008-02	5983	240D45	B75240	250J05P	5322	253-33(MAG-Zener)	5073A	260D09612	128	260P17501	85	260P45201	399
232-0009-01	143A	240E05	6106	250J05P	5322	253-34(MAG-Zener)	5073A	260D09612	128	260P17502	107	260P45201	399
232-0009-11	145A	240E05R	6107	250J05P	5322	253-35(MAG-Zener)	5073A	260D09612	128	260P17503	123A	260P45201	399
232-0009-21	5079A	240E10	6106	250J05P	5322	253-36(MAG-Zener)	5073A	260D09612	128	260P17601	107	260P45201	399
232-0009-31	142A	240E10R	6107	250J05P	5322	253-37(MAG-Zener)	5073A	260D09612	128	260P17602	108	260P45201	399
232-0012	5187A	240E20	6106	250J05P	5322	253-38(MAG-Zener)	5073A	260D09612	128	260P17603	107	260P45201	399
232-0014	5874	240E20R	6107	250J05P	5322	253-39(MAG-Zener)	5073A	260D09612	128	260P17604	107	260P45201	399
232-0014-01	5875	240E30	6106	250J05P	5322	253-40(MAG-Zener)	5073A	260D09612	128	260P17701	161	260P45201	399
232-0015	5072A	240E30R	6107	250J05P	5322	253-41(MAG-Zener)	5073A	260D09612	128	260P17702	161	260P45201	399
232-0016	5452	240E40	6106	250J05P	5322	253-42(MAG-Zener)	5073A	260D09612	128	260P17703	161	260P45201	399
232-0017	116	240E40R	6107	250J05P									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
264P03605	506	266P001-02	704	278RS120	5589 ♦	296-81-9	128	297V024H01	160	297V065H01	100	300U80A	6358
264P03607	116	266P00101	704	279-09(Zenith)	5009A	296-86	229	297V024H03	160	297V065H02	100	300U80AR	6359
264P03703	156	266P00102	704	279-1(SYL)	103A	296-98-9	123A	297V025H02	102	297V065H03	100	300U90A	6358
264P03802	109	266P00301	1096	279-19(ITT)	5019A	296L002B01	519	297V025H03	102A(2)	297V070C01	126A	300U90AR	6359
264P04003	145A	266P00602	1099	280-0001	1100	296L003B01	142A	297V025H04	102	297V070H49	108	300U100A	6358
264P04005	136A	266P00801	1096	280-0002	801	296V001H01	358	297V025H05	102	297V071C03	124	300U100AR	6359
264P04200	504	266P01001	615A	280-07	5547	296V001M01	358	297V025H15	102	297V071H03	124	300U120A	6362
264P04301	116	266P01002	615A	280-1(MAG-Zener)	5152A	296V002H01	109	297V026H01	126A	297V072C01	108	300U10A	6355
264P04303	125	266P0304	1183	281	123A	296V002H02	109	297V026H03	100	297V072C03	108	300U153	6355
264P04402	552	266P01011	749	281-1(MAG-Diode)	125	296V002H05	109	297V027C01	116	297V072C04	108	300U20A	6355
264P04501	519	266P10103	749	282-1(MAG-IC)	1566	296V002H06	109	297V027H01	102	297V072C05	128	300UR30A	6355
264P04502	519	266P10201	747	282-1(SYL)	124	296V002H07	109	297V032H01	102	297V072C06	123A	300UR40A	6355
264P04504	519	266P10202	747	283-1(MAG-IC)	1292	296V002H08	109	297V033H01	102	297V073C01	129	300UR50A	6357
264P04506	519	266P10601	1430	284-1(MAG-Rect)	5314	296V002M01	109	297V034H01	126A	297V073C02	159	300UR60A	6357
264P04507	519	266P11601	1413	284HC	123A	296V004H01	113A	297V035H01	126A	297V073C03	159	300UR70A	6359
264P04508	519	266P12101	1728	285-1(MAG-LED)	3017	296V006H02	109	297V036H01	126A	297V073C04	159	300UR80A	6359
264P04701	506	266P19201	1658	285-1(MAG-IC)	928M	296V006H03	116	297V036H02	126A	297V074C01	161	300UR90A	6359
264P04702	116	266P20402	1298	285-1(MAG-IC)	928M	296V007H02	109	297V037B02	102A	297V074C02	123	300UR100A	6359
264P04703	116	266P30102	712	285-2(MAG-IC)	928M	296V011H03	143A	297V037H01	102	297V074C03	123	300UR120A	6363
264P04705	506	266P30103	712	285-2(MAG-IC)	928M	296V012H01	109	297V037H02	102	297V074C04	123	301	102
264P04801	116	266P30109	712	285-3(MAG-IC)	928M	296V015B01	109	297V038H01	100	297V074C06	123A	301-00081	374
264P04801	116	266P30201	1075A	287-1(MAG)	3043 ♦	296V015H01	109	297V038H02	160	297V074C07	123A	301-1	120
264P05001	116	266P30402	1003	287G1336C	580	296V017H01	142A	297V038H03	160	297V074C08	123A	301-5D	9301
264P05002	116	266P30409	1003	288(Sears)	116	296V018B01	142A	297V040H04	102	297V074C10	128	301-5N	9301
264P05502	611	266P30601	1029	288-0550	1115A	296V019B04	141A	297V038H05	100	297V074C11	129	301-576-03	708
264P06301	102A	266P30706	1103	288-1(MAG-Diode)	615A	296V020B01	177	297V038H06	126A	297V074C12	128	301-576-2	9158
264P06601	116	266P31001	801	289-1(MAG-IC)	4070B	296V020B02	116	297V038H07	102	297V076B01	102	301-576-4	7400
264P06603	506	266P31101	1049	290-1(MAG-Diode)	558	296V023C	358B	297V038H09	102	297V077C01	126A	301-576-6	128
264P06606	116	266P31601	1659	290-2(MAG-Diode)	558	296V024B02	177	297V038H11	126A	297V078C01	108	301-576-14	740A
264P07501	613	266P32001	1169	290-1003	116	296V034C01	119	297V038H12	126A	297V078C02	108	301-576-18	750
264P08002	116	266P32101	1256	290V034C01	125	297L001H01	103A	297V040H08	102	297V080C01	129	301-679-1	817
264P08001	116	266P32102	1256	290V02H69	108	297L001H02	103A	297V040H10	102	297V082B01	128	301-680-1	753
264P08901	502	266P32301	712	291-04	116	297L001H03	102A(2)	297V040H12	102	297V082B02	129	301-695-1	350
264P08902	503	266P32302	712	291-20	116	297L001M01	103A	297V040H13	102	297V082B03	129	301-695-3	351
264P09001	125	266P32401	1260	292-10	116	297L001M02	102A	297V040H16	102	297V083C01	123A	301-696-1	479
264P09101	506	266P32801	788	293-1(MAG)	162	297L001M03	102A(2)	297V041H01	121MP	297V083C03	129	301-696-2	479
264P09301	142A	266P32901	1278	293-2(MAG)	162	297L002H01	102A	297V041H02	121	297V083C04	128	301-696-3	479
264P09501	506	266P33301	1290	294	159	297L005H01	102A	297V041H03	121	297V084C01	157	301-696-5	346
264P09703	140A	266P35001	1217	294-1(MAG-IC)	851	297L006H01	123A	297V041H04	121	297V085C02	123A	301-696-7	486
264P09707	5067A	266P35301	1246	294-1(MAG)	123A ♦	297L006H02	123A	297V041H06	104	297V085C03	123A	301-696-8	341
264P09801	116	266P35801	1219	294-2(MAG)	123A ♦	297L007C	199	297V041H07	104	297V085C04	123A	301-698-3	365
264P4501	519	266P40201	1245	294-3(MAG)	123A ♦	297L007C02	123A	297V041H08	121	297V086C01	159	301-698-4	367
264P10102	552	266P50101	1403	294-42-9	109	297L007C03	199	297V041H09	121	297V086C02	123A	301-709-4	333
264P10103	116	266P60304	1183	294-92-2	123A ♦	297L007H01	123A	297V041H10	104	297V086C03	123A	301-733-2	350
264P10105	116	266P60502	738	295(Zenith)	558	297L007H02	123A	297V041H11	102	297V086C04	185	301-733-4	345
264P10106	125	266P61401	1297	295-01(Zenith)	177	297L007H03	123A(2)	297V042H01	102	297V087B02	188	301A(ROLAND)	1171
264P10201	558	266P63001	1547	295-03	552	297L008C02	128(2)	297V042H02	102	298-03	506	301AJ	9301
264P10202	558	266P71001	1194	295-1(Zenith)	757	297L008H01	128(2)	297V042H03	126A	299-1(MAG-IC)	1439	301AL	9301
264P10210	558	266P71301	719	295-1(RCA)	757	297L010C	254	297V042H04	102A	299 Power	105	301CJ	9301
264P10308	145A	266P75201	917	295-2(RCA)	763B	297L010C01	234	297V042H05	126A	299B09001	519	301CL	9301
264P10403	5010T1	267-1(MAG-Diode)	552	295L001H01	116	297L011C01	107	297V043H01	102	298D08001	519	301H-5	9301
264P10502	142A	267-2(MAG-Diode)	552	295L001H02	116	297L012C01	109	297V043H02	100	298D09005	519	301H-5D	9301
264P10502(Zener)	5074A	267P73801	1748	295L001M01	116	297L012C-01	156	297V043H03	126A	300	102	301H-5N	9301
264P10505	5072A	267P90202	1548	295L002M03	117A	297L013B01	123A	297V043H04	102	300-0003-002	177	301RA50	5587 ♦
264P10507	139A	267P90205	1546	295L003M01	116	297L013B02	159	297V043H05	123	300-0003-003	177	301RA60	5587 ♦
264P10906	5075A	268-1(MAG-Diode)	519	295V002H01	116	297L015C01	199	297V043H06	123	300-1(SYL-IC)	712	301RA80	5589 ♦
264P11001	136A	269M01201	519	295V003H01	116	297V021H03	103A	297V043H07	123	300-1(MAG)	3041	301RA100	5589 ♦
264P11003	5014A	269P19009	113A	295V003M01	116	297V021H04	103A	297V043H08	123A	300-1(IC-MAG)	3041	301RA110	5589 ♦
264P11004	5021A	269V004-H01	113A	295V005H02	109	297V002H05	103A	297V043H09	128	300C043	128	301RA120	5589 ♦
264P11007	5085A	270(GMM-MOV)	1V017	295V005H03	109	297V002M04	103A	297V043H10	102	300E	6154	301RC10	5587
264P11009	147A	270(TMM-MOV)	1V017	295V006H01	116	297V002M05	103A	297V050H01	120	300L4	1V300	301RC20	5587
264P11701	177	270-950-030	123A	295V006H02	116	297V003H02	102A(2)	297V050H02	120	300PA60	5591	301RC30	5587
264P12303	112	270-950-037-02	117A	295V006H03	116	297V003H03	102	297V050H03	102	300PA80	5592	301RC40	5587
264P13002	552	271-1(MAG-Diode)	125	295V006H05	116	297V003H06	102A(2)	297V051C03	102	300PA100	5592	301RC50	5587
264P14002	503	271-2(MAG-Diode)	125	295V006H06	117A	297V003H08	102A(2)	297V051C04	102	300PA110	5592	301RC60	5587
264P14408	144A	271-3(MAG-Diode)	125	295V006H07	116	297V003H09	102A	297V051H01	102	300PA120	5592	301RC80	5589
264P14409	5078A	271-4(MAG-Diode)	125	295V006H08	117A	297V003M01	102	297V051H02	102	300PA130	5590	301U80	6358
264P14601	558	271-5(MAG-IC)	117A	295V006H09	116	297V003M07	102	297V051H03	102	300PA140	5590	301UR0R	6359
264P14701	125	272A(MOV)	1V017	295V007H02	116	297V003M10	102A	297V051H04	102A	300PA150	5591	301U100	6358
264P15501	140A	274	729	295V008H01	116	297V004H03	102A	297V052C01	102	300PA160	5591	301U100R	6359
264P17401	5071A	275-1(MAG-IC)	829	295V012H01	116	297V004H04	102A	297V052H01	102A	300PA170	5591	301U120	6362
264P17402	143A	275-1(SYL-IC)	4094B	295V012H02	116	297V004H06	102A	297V052H02	102	300PA180	5591	301U140	6362
264P17801	613	275-2(MAG-Diode)	519A	295V012H03	116	297V004H08	102A	297V052H04	102A	300R1B	5801	301UR80	6359
264P18601	5010A	275-3(MAG-Diode)	525	295V012H06	116	297V004H10	102A	297V053C01	102	300R2B	5802	301UR100	6359
264P19303	5010A	275E05	6106	295V014H01	11								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
302H-5D	9302	305-004014	108	307-131-9-002	1261	313-0037(Gremlin)	857M	321-003009	3011	324-0125	158	325-1375-10	126A
302H-5N	9302	305-005002	312	307-131-9-003	1260	313-0038(Gremlin)	858M	321-1(SYL)	228A	324-0126	131	325-1375-11	126A
302K	5992	305-009001	6402	307-131-9-004	1170	313-0039(Gremlin)	859	321-1(RCA)	194	324-0128	127	325-1375-12	126A
302M	5994	305-009002	6402	307-131-9-006	1226	313-3(MAG-Diode)	553	321-5	9321	324-0129	126A	325-1376-53	102A
302P	5998	305-047-9-002	724	307-133-9-001	1192	314-0001(Gremlin)	955M	321-5D	9321	324-0130	126A	325-1376-54	102A
302S	5998	305-01001	290A	307-133-9-005	1271	314-0015(Gremlin)	7404	321-5N	9321	324-0131	160	325-1376-55	126A
302V	6002	305-01004	187A	307-143-9-001	1262	314-0018(Gremlin)	74LS02	321-149	455	324-0132	160	325-1376-56	102A
302Z	6002	305-01006	290A	307-143-9-002	1249	314-0019(Gremlin)	74LS04	321-150	455	324-0133	102	325-1376-57	102A
303(RCA)	159	305-01008	290A	307-143-9-003	1278	314-0040(Gremlin)	74LS125A	321-264	154	324-0134	103	325-1376-58	102A
303-1(Rad Shk)	159	305-01009	219	307-152-9-007	74LS00	314-0046(Gremlin)	74LS04	321AJ	9321	324-0135	116	325-1376-60	109
303-1(MAG-IC)	1416	305-01013	153	307-152-9-009	74LS93	314-0058(Gremlin)	74LS08	321AL	9321	324-0136	126A	325-1378-18	107
303-1(SYL-IC)	2201	305-01014	290A	307-152-9-012	4011B	314-0059(Gremlin)	74LS10	321CJ	9321	324-0137	126A	325-1378-19	107
303-1(RCA)	159	305-02010	292	307-155-9-001	1226	314-0070(Gremlin)	74LS86	321CL	9321	324-0138	126A	325-1378-20	102A
303-2	123	305-03001	123A	307-200	5673	314-0072(Gremlin)	74LS174	321H-5	9321	324-0139	102	325-1378-21	158
303-2(RCA)	159	305-03002	289A	307-249-9-002	1691	314-0073(Gremlin)	74LS175	321H-5D	9321	324-0140	102	325-1378-22	102A
303-5	9303	305-03014	123AP	307-293-9-002	4066B	314-0076(Gremlin)	74LS157	321H-5N	9321	324-0141	109	325-1441-10	116
303-5(RCA)	159	305-03023	199	307-293-9-003	4066B	314-0078(Gremlin)	74LS02	322(Catalina)	123A	324-0142	102	325-1441-11	116
303-5D	9303	305-03024	186A	307-400	5675	314-0083(Gremlin)	74LS240	322-0147	116	324-0143	102	325-1442-8	102
303-5N	9303	305-03040	289A	307-1209-001	1240	314-0085(Gremlin)	74LS163A	322-1	175	324-0144	102	325-1442-9	124
303A	5986	305-03041	289A	307A	27	314-0100(Gremlin)	74LS273	322-1(RCA)	175	324-0145	126A	325-1446-26	123
303AJ	9303	305-03073	199	307AJ	9307	314-0101(Gremlin)	74LS283	322-5	9322	324-0146	102	325-1446-27	123
303AL	9303	305-03079	289A	307B	116	314-0104(Gremlin)	74LS138	322-5D	9322	324-0147	116	325-1446-28	123
303B	5986	305-03081	152	307C	116	314-0123(Gremlin)	74LS257	322-5N	9322	324-0148	102	325-1446-29	116
303C	5986	305-03084	229	307CJ	9307	314-0125(Gremlin)	74LS38	322-5N	9322	324-0149	102	325-1513-29	123
303CJ	9303	305-04011	280	307D	116	314-1(SYL)	241	322AL	9322	324-0150	108	325-1513-30	123
303CL	9303	305-04012	291	307E	116	314-6005-1	184	322CJ	9322	324-0152	123	325-1513-46	128
303D	5986	305-05005	312	307F	116	314-6006	175	322CL	9322	324-0154	123	325-1771-15	123A
303E	5986	305-1(MAG-IC)	1231A	307H	116	314-6007-1	123A	322H-5	9322	324-0160	109	325-1771-16	107
303F	5988	305-1(MAG-Diode)	580	307K	116	314-6007-2	123A	322H-5D	9322	324-0162	116	325-1771-100	125
303G	5990	305-2(MAG-IC)	1231A	307M	116	314-6007-3	123A	322H-5N	9322	324-0167	160	325AJ	9325
303H	5990	305-2(MAG-Diode)	580	307N	116	315-0006(Gremlin)	4017B	322T1	102A	324-1	108	325H-5N	9325
303H-5	9303	305-2(MAG-Diode)	580	307P	116	315-0007(Gremlin)	4011B	323-3	552	324-1(SYL)	265	325CJ	9325
303H-5D	9303	305-2(MAG-Diode)	580	307Q	116	315-0031(Gremlin)	380	323-4	558	324-144	9324	325CL	9325
303H-5N	9303	305B	5834	307R	116	315-0033(Gremlin)	2041B	323-484	9322	324-5D	9324	325H-5	9325
303K	5992	305C	5834	307S	116	315-0039(Gremlin)	4015B	323-1(SYL)	3043	324-5N	9324	325H-5D	9325
303M	5994	305D	5834	307T	116	315-0041(Gremlin)	3880	323-5	9323	324-6(SYL)	123A	325H-5N	9325
303P	5994	305E	5834	307U	116	315-0043(Gremlin)	4069	323-5(SYL)	289A	324-132	160	325T1	102A
303S	5998	305G1418C(Zenith)	5838	307V	116	315-0045(Gremlin)	2114	323-5N	9323	324-144	102	326-5	9326
303V	6002	305H	5838	307W	116	315-0079(Gremlin)	4053B	323-5N	9323	324-6005-5	123A	326-5D	9326
303Z	6002	305K	5842	307X	116	315-6C-G1(Zenith)	116	323-6(SYL)	108	324-6015	128	326-5N	9326
304-1(SYL)	102A	305M	5842	307Y	116	315-6G1336	580	323-7075	163A	324-6013	128	326-6(SYL)	299
304-1(MAG-IC)	1445	305P	5846	307Z	116	315-6H1340	580	323-4691	364	324AJ	9324	326-5171	9403
304A	5874	305S	5846	307-011	5019A	316-0227-001	91	323-4691	5019T	324AJ	9324	326-7877-2	331
304AJ	9304	305V	5848	307-2(RCA)	123AP	316-1	229	323-6055(Lambda)	165	324CJ	9324	326AJ	9326
304AL	9304	305Z	5848	307-3	123AP	316-1(RCA Tuner)	229	323-6824	5021T1	324CJ	9324	326AL	9326
304B	5874	306-001025	3014	307-3(RCA)	123AP	316-1(RCA)	188	323AJ	9323	324CL	9324	326CJ	9326
304C	9304	306-001028	156	307-4(RCA)	123AP	316-1(RCA)	188	323H-5	9323	324H-5	9324	326CL	9326
304CJ	9304	306-005002	612	307-5(SYL)	123A	317-0139-001	294	323H-5D	9323	324H-5D	9324	326H-5	9326
304CL	9304	306-01005	177	307-6(RCA)	123AP	317-1(RCA)	189	323H-5N	9323	324H-5N	9324	326H-5D	9326
304D	5878	306-01017	519	307-7(RCA)	123AP	317-2627-1	9946	323H-5	9323	324H-5N	9324	326H-5N	9326
304F	5878	306-01023	116(2)	307-8(RCA)	123AP	317-8504-001	123A	323H-5D	9323	324T2	102A	326T1	102A
304H	5878	306-01024	116(2)	307-9(RCA)	123AP	318-1(RCA)	123A	323H-5N	9323	325-0025-327	109	327-1(MAG-IC)	1566
304K	5882	306-05001	612	307-10(RCA)	123AP	318-1(MAG-IC)	2203	323H-5	9323	325-0025-328	102A	327-1(RCA)	123AP
304M	5882	306-1	123AP	307-11(RCA)	123AP	318-2	297	323H-5	9323	325-0025-330	102A	327-4(SYL)	192
304P	5886	306-1(RCA)	123AP	307-12(RCA)	123AP	318-2(RCA)	194	324-0011	113A	325-0025-331	102A	328-1(MAG-IC)	1632
304S	5886	306-1(MAG-Rect)	5802	307-13(RCA)	123AP	318-7	123AP	324-0012	358	325-0028-79	102A	329-1(MAG-IC)	1567
304V	5890	306-1(MAG-DIODE)	5802	307-14(RCA)	123AP	318-7(RCA)	123AP	324-0014	102A	325-0028-80	102A	329-5(SYL)	159
304Z	5890	306-2(RCA)	123AP	307-15(RCA)	123AP	319-001003	2042S	324-0015	120	325-0028-81	102A	330(SMM-MOV)	1V020
305-001002	128	306-2(MAG-Rect)	5804	307-16(RCA)	123AP	319-001010	7472	324-0016	160	325-0028-83	102A	330(7MM-MOV)	1V020
305-001010	281	306-3(MAG-Rect)	5806	307-17(RCA)	123AP	319-001011	9093	324-0026	160	325-0028-84	108	330-1	159
305-001011	183	306-3(RCA)	123AP	307-18(RCA)	123AP	319-001014	2042S	324-0027	126A	325-0028-85	160	330-1(RCA)	159
305-001012	290A	306-4(MAG-Rect)	5808	307-19(RCA)	123AP	319-003001	7493A	324-0028	126A	325-0028-86	109	330-2	159
305-001015	290A	306-4(RCA)	123AP	307-20(RCA)	123AP	319-003002	7493A	324-0029	102A	325-0028-87	109	330-3(RCA)	159
305-001020	292	306-5	123AP	307-21(RCA)	123AP	319-003004	4013B	324-0030	158	325-0028-89	116	330-3(RCA)	159
305-001021	292	306-5(RCA)	123AP	307-22(RCA)	123AP	319-003010	4013B	324-0035	109	325-0030-315	102A	330-4	159
305-001024	187A	306-5(MAG-Rect)	5809	307-23(RCA)	123AP	319-003011	4022B	324-0037	109	325-0030-317	102A	330-4(RCA)	159
305-001043	234	306-6(RCA)	123AP	307-24(RCA)	123AP	319-006005	4001B	324-0038	126A	325-0030-318	102A	330-5(RCA)	159
305-002009	285	306-7(RCA)	123AP	307-25(RCA)	123AP	319-006006	4011B	324-0041	102	325-0030-319	102A	330-6(RCA)	159
305-002010	282	306-8(RCA)	123AP	307-26(RCA)	123AP	319-006007	4025B	324-0049	109	325-0031-303	123A	330-9(RCA)	159
305-002011	291	306-9(RCA)	123AP	307-27(RCA)	123AP	319-006008	4066B	324-0055	102	325-0031-304	123	330-10	159
305-002012	153	306-11(RCA)	123AP	307-28(RCA)	123AP	319-006011	4007	324-0056	158	325-0031-305	123	330-11	159
305-002013	197	306-13(RCA)	123AP	307-29(RCA)	123AP	319-006012	4001B	324-0057	109	325-0031-306	123	330-12	108
305-003001	179	306-13(RCA)	123AP	307-30(RCA)	123AP	319-006013	4052B	324-0062	158	325-0031-310	123A	330G1(Zenith)	177
305-003003	199	306AJ	9306	307-31(RCA)	123AP	319-006014	4011B	324-0074	102A	325-0031-335	109	331-1	123AP
305-003006	289A	306AL	9306	307-32(RCA)	123AP	319-006015	4070B	324-0077	160	325-0031-338	116	331-1(RCA)	123AP
305-003007	324	306CJ	9306	307-33(RCA)	123AP	319-006017	4011B	324-0079	126A	325-0036-536	102A	331-2(MAG-IC)	820
305-003010	199	306CL	9306	307-34(RCA)	123AP	319-006018	4066B	324-0080	158	325-0036-562	109	331-2(MAG-IC)	820

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
333H-5D	9333	341H	5858	349-113-013	9945	352-0506-000	123A	353-9008-001	129	362H-5	9362	368RZ	5911
333H-5N	9333	341K	5862	349-113-014	9946	352-0519-000	123A	353-9012-001	102A	362H-5D	9362	368S	5908
334-1(RCA)	123AP	341M	5862	349-113-015	9951	352-0546-000	123A	353-9201-001	121MP	362H-SYL	9362	368V	5910
334-1(MAG-IC)	797	341P	5866	349-113-022	9945	352-0549-000	199	353-9203-001	152	363-1(SYL)	123A	368Z	5910
334-5	9334	341S	5866	349-113-024	9950	352-0551-010	159	353-9301-001	128	363-1(RCA)	159	369-1(SYL)	106
334-5D	9334	341V	5868	349-113-025	9941	352-0551-021	159	353-9301-002	160	363-1(MAG-IC)	852	369-1(RCA)	222
334-5N	9334	341Z	5868	349-212-003	909	352-0569-000	123A	353-9301-004	129	363-1A(SYL)	123A	369-2	116
334-377	162	342-1	128	350	100	352-0569-010	123A	353-9304-001	159	363-2(MAG-IC)	852	369-2(RCA)	222
334-1026	291	342-1(SYL)	327	350-1(SYL)	123A	352-0569-020	123A	353-9304-004	129	363-3(MAG-IC)	852	369-2(CBE-MAG)	159
334-1027	292	342-1(RCA)	123AP	350-1(MAG-IC)	4011B	352-0579-000	123A	353-9306-001	123A	363-4(MAG-IC)	852	369-3	116
334-1028	284	342-1(MAG-IC)	2200	350D7217	85	352-0579-010	123A	353-9306-002	123A	363-5(MAG-IC)	852	369-3(CBE-MAG)	159
334-1029	285	342-2(SYL)	199	350P25	5587	352-0579-020	123A	353-9306-003	123A	363AJ	9363	369-4(CBE-MAG)	159
334AJ	9334	342-5	9342	350P45	5587	352-0581-011	175	353-9306-004	123A	363AL	9363	370-1	165
334AL	9334	342-5D	9342	350P65	5587	352-0581-020	175	353-9306-005	123A	363CL	9363	370-1(RCA)	165
334CJ	9334	342-5N	9342	350P85	5589	352-0581-021	175	353-9306-006	199	363CL	9363	370-1(MAG-IC)	1580
334CL	9334	342AJ	9342	350P105	5589	352-0581-030	175	353-9306-007	199	364-1	159	370-2(MAG-IC)	1580
334H-5	9334	342AL	9342	350P125	5589	352-0581-031	175	353-9310-001	123A	364-1(RCA)	159	370-5	9370
334H-5D	9334	342CJ	9342	350RA50	5587	352-0583-011	130	353-9312-001	102A	364-1(Sylvania)	196	370-5D	9370
335-1	165	342CL	9342	350RA60	5587	352-0596-010	123A	353-9314-001	123A	364-1(Sylvania)	196	370-5N	9370
335-1(RCA)	165	342H-5	9342	350RA80	5589	352-0596-020	123A	353-9315-001	123A	364-10048	312	370-29(MAG-IC)	1580
335-1(MAG-IC)	4094B	342H-5D	9342	350RA100	5589	352-0596-030	123A	353-9317-001	129	364-B12	5547	370-116764	923
335-5	9335	342H-5N	9342	350RA110	5589	352-0606-011	175	353-9318-001	199	364B14	5496	370AJ	9370
335-5D	9335	342-02	581	350RA120	5589	352-0610-030	159	353-9318-002	199	365-1	12A	370CJ	9370
335-5N	9335	343-1(SYL)	124	351-1(MAG-IC)	712	352-0610-040	159	353-9318-003	12A	365-1(SYL)	199	370CL	9370
335A	5981	343-1(RCA)	123AP	351-1(MAG)	454	352-0629-010	123A	353-9319-002	152	365T1	100	370H-5	9370
335AJ	9335	343-2	123AP	351-2(SYL)	159	352-0630	107	353-9502-001	152	366-1(RCA)	165	370H-5D	9370
335AL	9335	343-2(RCA)	123AP	351-1008-010	716	352-0630-010	107	354(Chrysler)	723	366-1(Sylvania)	108	370H-5N	9370
335B	5983	343-3(RCA)	123AP	351-1011-022	724	352-0636-010	159	354(CHRYSLER)	723	366-2(Sylvania)	108	371-1(SYL)	128
335C	5987	343-5	9343	351-1011-032	724	352-0636-020	159	354-3052	102	366B	5854	371-5	9371
335CJ	9335	343-5D	9343	351-1017-010	703	352-0638	199	354-3127-1	123A	366C	5854	371-5D	9371
335CL	9335	343-5N	9343	351-1027-010	716	352-0653-010	107	354-9001-001	110MP	366D	5854	371-5N	9371
335D	5987	343AJ	9343	351-1029-020	941	352-0653-020	107	354-9101-002	110MP	366E	5854	371AJ	9371
335F	5989	343AL	9343	351-1035	923	352-0658-010	161	354-9102-001	116	366F	5858	371AL	9371
335H	5991	343CJ	9343	351-1035-020	923	352-0658-020	161	354-9110-001	116	366G	5858	371B	5982
335H-5	9335	343CL	9343	351-1041-010	912	352-0658-030	161	355D6	161	366H	5858	371C	5986
335H-5N	9335	343H-5	9343	351-1042-020	910	352-0658-040	161	355D7	222	366I	5858	371CL	9371
335J	5993	343H-5D	9343	351-3006	9914	352-0658-050	161	355D8	161	366J	5858	371D	5986
335M	5995	343H-5N	9343	351-3031	177	352-0661-010	123A	355D9	123A	366K	5858	371F	5988
335P	5999	344-02G1328B	177	351-7008-010	9910	352-0661-020	123A	355N1-Red	284	366L	5858	371H	5990
335S	5999	344-07G1328B	558	351-7008-020	9913	352-0667-010	123A	355N2-Orange	284	366M	5858	371H-5	9371
335V	6003	344-1	128	351-7011-020	9900	352-0675-010	123A	356-1(MAG)	232	366N	5858	371H-5D	9371
335Z	6003	344-1(RCA)	194	351-7011-030	9903	352-0675-020	123A	356-2	130	366P	5858	371H-5N	9371
336-1(MAG-IC)	865	344-1(SYL)	373	351-7011-040	9903	352-0675-030	123A	356-2(RCA)	162	366R	5858	371K	5992
336-1(SYL)	185	344-2	128	351-7011-050	9905	352-0677-010	130	356-2(RCA)	162	366S	5858	371M	5994
336-2(SYL)	184	344-2(RCA)	194	351-7011-060	9905	352-0677-021	130	356-2(RCA)	162	366T	5858	371P	5998
336-20(SYL) 185 + 184(CP)		344-3(RCA)	194	351-7011-070	9910	352-0677-030	130	356-2(RCA)	162	366U	5858	371RA	5981
336A	5981	344-6000-2	123A	351-7011-080	9910	352-0677-041	130	356-2(RCA)	162	366V	5858	371RB	5983
336B	5983	344-6000-3	108	351-7011-090	9910	352-0677-050	130	357A-22	350	366W	5858	371RC	5987
336C	5987	344-6000-3A	108	351-7011-100	9914	352-0677-060	130	357A-23	351	366X	5858	371RD	5987
336D	5987	344-6000-4	123A	351-7011-110	9914	352-0677-070	130	357A-24	351	366Y	5858	371RF	5989
336F	5989	344-6000-5	123A	351-7011-120	9914	352-0677-080	130	357A-25	351	366Z	5858	371RH	5991
336H	5991	344-6000-5A	123A	351-7011-150	9921	352-0677-090	130	357A-26	351	366A	5858	371RK	5993
336K	5993	344-6001-1	128	351-7011-160	9921	352-0677-100	130	357A-27	351	366B	5858	371RM	5995
336M	5995	344-6001-2	128	351-7011-170	9921	352-0677-110	130	357A-28	351	366C	5858	371R	5999
336S	5999	344-6002-3	123A	351-7011-180	9921	352-0677-120	130	357A-29	351	366D	5858	371RV	6003
336V	6003	344-6005-1	123A	351-7015-010	9908	352-0680-010	123A	357A-30	349	366E	5858	371RZ	6003
336Z	6003	344-6005-2	123A	351-7015-020	9909	352-0680-020	123A	357A-31	350	366F	5858	371S	5998
337-007002	144A	344-6005-3	123A	351-7015-030	9909	352-0680-030	123A	357A-32	350	366G	5858	371V	6002
337-007006	136A	344-6005-4	108	351-7015-040	9911	352-0680-040	123A	357A-33	350	366H	5858	371Z	6002
337-007007	5080A	344-6005-5	109	351-7015-050	9912	352-0680-050	123A	357A-34	350	366I	5858	372-1	128
337-02001	137A	344-6011-1	128	351-7015-060	9913	352-0680-060	123A	357A-35	350	366J	5858	372-1(RCA)	222
337-02004	5072A	344-6011-2	128	351-7015-070	9921	352-0680-070	123A	357A-36	350	366K	5858	372-1(MAG-IC)	74LS27
337-02005	142A	344-6012-1	128	351-7020-010	9914	352-0680-080	123A	357A-37	350	366L	5858	372-1(SYL)	190
337-02007	142A	344-6012-2	128	351-7020-020	9914	352-0680-090	123A	357A-38	350	366M	5858	372-2(SYL)	186
337-06007	145A	344-6013-1B	128	351-7020-030	9910	352-0680-100	123A	357A-39	350	366N	5858	372-3	186
337-06013	145A	344-6013-4	128	351-7020-040	9910	352-0680-110	123A	357A-40	349	366P	5858	372-5	9372
337-06014	5011A	344-6014-1B	128	351-7020-050	9921	352-0680-120	123A	357A-41	350	366Q	5858	372-5D	9372
337-06015	146A	344-6015-1	108	351-7020-060	9921	352-0680-130	123A	357A-42	350	366R	5858	372-5N	9372
337-06020	5010A	344-6015-7A	108	351-7121-010	9914	352-0680-140	123A	357A-43	350	366S	5858	372AJ	9372
337-06021	5075A	344-6015-8	107	351-7121-020	9914	352-0680-150	123A	357A-44	350	366T	5858	372AL	9372
337-5(MAG-IC)	866	344-6015-9	107	351-7140-010	999	352-0680-160	123A	357A-45	350	366U	5858	372CJ	9372
337A	5871	344-6015-10	108	351-7189-010	910	352-0680-170	123A	357A-46	350	366V	5858	372CL	9372
337B	5875	344-6015-11	108	351-7206-080	9908	352-0680-180	123A	357A-47	350	366W	5858	372H-5	9372
337C	5879	344-6017-1	123A	351-7206-090	9909	352-0680-190	123A	357A-48	350	366X	5858	372H-5D	9372
337D	5879	344-6017-2	123A	351-7206-100	9910	352-0680-200	123A	357A-49	350	366Y	5858	372H-SN	9372
337F	5879	344-6017-3	123A	351-7206-110	9911	352-0680-210	123A	357A-50	350	366Z	5858	373-1(SYL)	189
337H	5879	344-6017-4	123A	351-7206-120	9911	352-0680-220	123A	357A-51	350	366A	5858	373-1(RCA)	159
337K	5883	344-6017-5	123A	351-7206-130	99								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
380-2	389	386KY	116	398-13225-1	7405	405A	5940	411-1692	123AP	417-58	160	417-180	128
380-2 (MAG-IC)	4066B	386MW	116	398-13226-1	7401	405B	5944	411-1693	123AP	417-59	128	417-181	128
380-5	9380	386MY	116	398-13227	941M	405C	5944	411-1702	289A	417-60	160	417-182	159
380-5D	9380	388A	507	398-13632-1	7404	405D	5944	411-1723	123AP	417-62	104	417-183	6400B
380-5N	9380	388B	506	398B	5801	406-3	159	411-1732	123AP	417-66	160	417-184	159
380-1000	519	390(7MM-MOV)	1V025	399-1(MAG)	454	407-1 (SYL-IC)	977	411-2562	159	417-67	123A	417-185	123A
380-1001	519	390(5MM-MOV)	1V025	399-4(RCA)	152	407A	5850	411-2602	159	417-68	160	417-187	6400B
380AJ	9380	390-1(MAG)	395	399-5	152	407B	5854	411-1732	199	417-69	123A	417-190	107
380AL	9380	390AJ	6110	399-6	375	407C	5854	411-2602	159	417-70	160	417-192	123A
380CJ	9380	390AJ	9390	399A	5800	407D	5854	412	100	417-71	160	417-193	128
380CL	9380	390AL	9390	399B	5802	407F	5858	412(Zener)	5072A	417-72	160	417-194	312
380H-5	9380	390B	6110	399C	5802	407H	5858	412-0200-600	109	417-73	102A	417-195	157
380H-5D	9380	390CJ	9390	399D	5802	407K	5862	412-0421-392	611	417-74	102A	417-196	159
380H-5N	9380	390CL	9390	400(Quasar)	506	407M	5862	412-0500-685	5014A	417-75	102A	417-196-13262	234
380H61	116	390D	6110	400-1(MAG)	229	407P	5866	412-0669	196	417-76	160	417-197	123A
380K62	116	390E	6110	400-1362-101	128	407RA	5851	412-1A5	123A	417-77	123A	417-199	175
380M63	116	390N	6112	400-1362-102	128	407RB	5855	412-1137	185	417-78	102A	417-200	159
381-1 (SYL)	199	390P	6112	400-1362-201	128	407RC	5855	412-1272	103A	417-79	160	417-201	159
381-2 (SYL)	128	390PA	6110	400-1371-101	123A	407RD	5855	412-1300	130	417-81	6400B	417-202	711
381-2(RCA)	128	390PB	6110	400-1417-101	519	407RF	5859	412-1370	184	417-83	108	417-203	196
381-5(ITT)	9381	390S	6112	400-1569-101	199	407RH	5859	412-1380	185	417-87	128	417-204	162
381-5D	9381	390T	6112	400-1596	177	407RK	5863	412-1411	129 + 128(CP)	417-88	128	417-205	107
381-5N	9381	391-1 (SYL)	108	400-1735	9915	407RM	5863	412-1516	102A	417-89	128	417-206	220
381AJ	9381	391-1(RCA)	108	400-1736	9926	407RP	5867	412-24	141A	417-90	121	417-207	220
381AL	9381	391-1A(SYL)	159	400-2023-101	123A	407RS	5867	413	283	417-91	123A	417-211	312
381CJ	9381	391-2(SYL)	159	400-2023-201	123A	407RV	5869	413(E.F. Johnson)	241	417-92	123A	417-212	130
381CL	9381	391-2A(SYL)	159	400A	109	407RZ	5869	413(Truetone)	177	417-93	123A	417-212A	130
381H-5	9381	391AJ	9391	400C-11958	116	407S	5866	413(Concert Hall)	177	417-93-12903	123A	417-213	123A
381H-5D	9381	391AL	9391	400D	5868	407T	5868	413-004-014	552	417-94	123A	417-214	181
381H-5N	9381	391CJ	9391	400E05	6102	407Z	5868	413-014-010	116	417-99	121	417-214-13286	181
382-1(RCA)	5400	391CL	9391	400E05R	6103	408-1	222	413-0104-002	116	417-100	128	417-215	130
382-1(SYL)	503	392-1(MAG)	238	400E10	6102	408-1(RCA)	222	413-0149	104	417-101	162	417-215-13286	130
382AJ	9382	392-1(MAG)	238	400E10R	6103	408A	5874	413-4241	159	417-102	106	417-215A	130
382AL	9382	392-1(SYLVANIA) @ 123AP	192	400E20	6102	408B	5874	414-3055	130	417-103	102A	417-216	121
382CJ	9382	392-1(RCA)	108	400E20R	6103	408C	5878	414A-15	121	417-104	175	417-217	123A
382CL	9382	392-1(MAG)	238	400E30	6102	408D	5878	415-1(MAG-IC)	1652	417-105	123A	417-221	50
383AJ	9383	392-2(MAG)	238	400E30R	6103	408F	5878	415-1005-668	1052	417-106	123A	417-222	172A
383AL	9383	392-2(SYL) @ 123AP	192	400E40	6103	408H	5878	415-2004-330	1218	417-108	123A	417-224	128
383CJ	9383	392-3(MAG)	238	400E40R	6103	408I	5882	415-12-510	1490	417-108-13163	199	417-225	185
383CL	9383	392-3(SYL) @ 123AP	192	400E50	6102	408M	5882	415-7013-102	801	417-109	123AP	417-226-1	123A
384	116	392-4(MAG)	238	400E50R	6103	408P	5886	416A	6050	417-109(Heath)	123AP	417-226-13163	199
384-1(MAG-IC) 74LS174	116	392-5(SYL) @ 123AP	192	400E60	6102	408RA	5875	416B	6050	417-109-13163	123A	417-227	157
384A	116	392AJ	9392	400E60R	6103	408RB	5875	416C	6054	417-110	123A	417-228	123A
384B	116	392AL	9392	400E70	6104	408R	5875	416D	6054	417-110-13163	123A	417-229	123A
384C	116	392CJ	9392	400E70R	6105	408RD	5879	416F	6060	417-111	129	417-230	427/396
384D	116	392CL	9392	400E80	6104	408RF	5879	416H	6060	417-112	127	417-231	312
384F	116	393-1(SYL)	129	400E90R	6105	408RH	5879	416K	6064	417-113	179	417-232	198
384H	116	393-1A(SYL)	129	400E90	6104	408RK	5883	416M	6064	417-114	128	417-232(Heath)	154
384K	125	393-2(SYL)	129	400E90R	6105	408RM	5883	416RA	6068	417-114-13163	123A	417-233	128
384M	125	393-2A(SYL)	129	400E100	6104	408RP	5887	416R	6050	417-115	154	417-233-13163	123A
384P	125	393-3(SYL)	193	400E100R	6105	408RS	5887	416RB	6050	417-115-13173	128	417-234	129
384S	125	393AJ	9393	400E120	6104	408RV	5891	416RC	6055	417-116	159	417-234-13165	159
384V	125	393AL	9393	400E120R	6105	408RZ	5891	416RD	6055	417-116-13165	159	417-235	159
384Z	125	393CJ	9393	401(5MM-MOV)	1V250	408S	5886	416RF	6061	417-118	123A	417-235(Heath)	159
385-1	128	393CL	9393	401(7MM-MOV)	1V250	408V	5890	416RH	6061	417-119	704	417-235-13262	159
385-1(MAG-IC) 74LS42	116	394-1(SYL)	128	401-1	760	408Z	5890	416RK	6065	417-120	179	417-237	128
385A	116	394-2(SYL)	128	401-1(SYL-IC)	408J	409-1	222	416RM	6065	417-121	103A	417-237-13163	128
385B	116	394-3(SYL)	128	401-1(RCA)	59	409-1(RCA)	222	416R	6069	417-122	102A	417-238	124
385C	116	394-4(SYL)	129	402-001/43	125	409A	5892	416RS	6069	417-123	726	417-239	163A
385D	116	394-4A(SYL)	129	402-004-02	519	409B	5896	416RV	6073	417-124	108	417-241	312
385F	116	394-5(SYL)	129	402-005/49	5101A	409C	5896	416RZ	6073	417-125	108	417-242-8181	159
385H	116	394-5A(SYL)	129	402-005/51	522A	409D	5896	416S	6068	417-125-12903	107	417-243	161
385K	116	394-6(SYL)	129	402-005/54	5096A	409F	5896	416T	6077	417-126(Heath)	123AP	417-244	123A
385KW	116	394-40-0951	125	402-009/29	5053A	409H	5900	416Z	6072	417-126-12903	199	417-244-12903	199
385M	116	394-1571-1	519	402-011/03	5522	409K	5904	417-2	160	417-126-12903	199	417-245	171
385P	125	394-1592-1	177	402-1(RCA)	159	409M	5904	417-4-00226	196	417-127	123	417-246	312
385S	125	394-1602-1	177	402A	5980	409P	5908	417-5	102A	417-128	128	417-247	128
385Z	125	394-3003-1	123A	402B	5982	409RA	5903	417-6	159	417-129	123A	417-248	163A
386-1	159	394-3003-3	123A	402C	5986	409RB	5907	417-7	123A	417-130	159	417-250	128
386-1(SYL)	159	394-3003-7	123A	402D	5986	409RC	5907	417-11	160	417-133	128	417-252	312
386-1(Sylvania)	159	394-3003-9	123A	402F	5988	409RD	5907	417-12	160	417-134	123A	417-253	312
386-1A(SYL)	159	394-3005-2	128	402H	5990	409RF	5901	417-13	160	417-134-13271	123A	417-254	181
386-1AY	116	394-3074-2	102	402K	5992	409RH	5901	417-14	160	417-148	158	417-255	129
386-1CY	116	394-3074-5	102	402M	5994	409RK	5905	417-16	160	417-156	128	417-257	128
386-1FY	116	394-3097-1	102	402P	5998	409RM	5925	417-17	102A	417-137	128	417-258	161
386-2(SYL)	159	394-3097-2	102	402S	5998	409RP	5909	417-18	158	417-138	129	417-260	129
386-2A(SYL)	159	394-3102-1	101	402V	6002	409RS	5909	417-19	158	417-139	130	417-260-50127	159
386-3(SYL)	159	394-3127-1	128	402Z	6002	409RV	5911	417-20	158	417-140	128	417-262	161
386-4(SYL)	159	394-3127-2	128	403-002	77	409RZ	5911	417-21	158	417-141	130	417-272	265
386-40	130	394-3127-3	128	403-002-01	77	409S	5908	417-22	160	417-142	130	417-273	130
386-1102-P1	123A	394-3127-4	130	403-007/37	123A	409V	5910	417-23	160	417-143	121	417-273-13286	199
386-1102-P2	123A	394-3135	135A	403-007/39	159	409Z	5910	417-24	160	417-144	179	417-283-13271	197
386-1102-P3	123A	394-3135A	130	403-008/14	129	410	283						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
417RF	5989	421-12B	102A	429-0910-52	102A	436F	5991	442N1	319P	443-877	74LS138	462-3(MAG)	196
417RH	5991	421-13	102A	429-0910-53	110MP	436H	5991	443-879	7400	443-879	74LS138	462-5(MAG)	196
417RK	5993	421-13B	102A	429-0910-54	109	436K	5995	443-1(MAG-IC)	2201	443-881	3880	462-1000	123A
417RM	5995	421-13C	102	429-0958-41	166	436M	5995	443-1(MAG)	48	443-884	74LS242	462-1007	128
417RP	5999	421-14	102A	429-0958-42	123A	436P	5999	443-1(SYL)	332	443-885	74LS645	462-1009-01	123A
417RS	5999	421-14B	102A	429-0958-43	137A	436S	5999	443-2	7420	443-886	4012B	462-1016	128
417RV	6003	421-15	102A	429-0981-12	107	436V	6003	443-2(SYL)	332	443-891	74LS86	462-1019	128
417RZ	6003	421-15B	102A	429-0985-12	107	436Z	6003	443-4	7472	443-896	74S02	462-1038-01	199
417S	5998	421-16	126A	429-0986-12	108	436.0709	909D	443-5	7473	443-897	74S04	462-1059	196
417V	6002	421-17	126A	429-0989-68	116	436.0741	941M	443-6	7474	443-899	74S65	462-1061	123A
417Z	6002	421-18	124	429-10001-0A	5870	437-1(ECB-MAG)	287	443-7	7490	443-900	74S74	462-1063	123A
418-1(MAG-IC)	2206	421-19	102	429-10002-0A	5874	437-1(SYL)	191	443-7-16088	7490	443-904	2117	462-1066-01	199
418A	5982	421-20	126A	429-10036-0A	519	437-1(RCA)	787	443-12	7410	443-915	74S86	462-2002	123A
418B	5982	421-20B	126A	429-10036-0B	519	437-2(RCA)	787	443-13	7475	443-920	74LS85	462-2004	199
418C	5986	421-21	126A	429-10054-0A	519	437-3(RCA)	787	443-15	7450	443-928	4008B	462-1007	128
418D	5986	421-21B	126A	429-20004-0B	177	437A	5871	443-16	7476	443-929	4017B	463-0(SYL)	116
418F	5988	421-22B	126A	430(ZENITH)	123A	437B	5875	443-17	74141	443-935	74S153	463-1(MAG-Trans)	238
418H	5992	421-23	121	430-31	116	437C	5879	443-18	7404	443-935	74S153	463-1(SYL)	165
418K	5994	421-24	121	430-85	158	437D	5879	443-22	74121	444(Sears)	123A	464-0(SYL)	238
418M	5994	421-25	121	430-86	123A	437F	5879	443-23	74122	444-0012-PT2	160	463-2(MAG)	238
418P	5998	421-26	126A	430-87	123A	437H	5879	443-25	74151	444-01	9910	463-2(SYL)	165
418RA	5987	421-1096	5120A	430-1044-0A	123A	437K	5883	443-26	74500	444-02	9914	463-2(MAG-Trans)	238
418RB	5987	421-2061	116	430-10034	123A	437M	5883	443-27	9093	444-05	9913	464-1	159
418RC	5987	421-4027	116	430-10034-06	123A	437P	5886	443-32	74121	444-012-P1	160	464-1(MAG)	923D
418RD	5987	421-6599	121	430-10047-0C	128	437P1(GE)	352	443-34	7492	444-1(NAP-IC)	1754	464-100-19	109
418RF	5989	421-7143	102A	430-10053-0	123A	437S	5886	443-35	7441	444-0023	130	464-103-19	109
418RH	5991	421-7444	116	430-10053-0A	123A	437V	5890	443-36	7447	445-0023-P1	130	464-103-19	109
418RK	5993	421-7443A	116	430-20013-0B	159	438-002/01	909D	443-43	74H102	445-0023-P3	130	464-103-19	110MP
418RM	5995	421-7444	123A	430-20018-0A	159	438-002/02	909	443-44	7413	445-0023-P4	130	464-111-19	109
418RP	5999	421-8109	102A	430-20021	159	438-002/12	778A	443-44-2854	7413	445-0028-P1	5547	464-113-19	109
418RS	5999	421-8111	123A	430-20023-0A	159	438-1(RCA)	788	443-45	7408	445-0028-P2	5547	464-119-19	110MP
418RV	6003	421-8310	124	430-20026-0	159	438-1(ECB-NAP)	187A	443-46	7402	445-0034-1	181	464-280-19	117A
418RZ	6003	421-9644	123A	430-22861	108	438-1(MAG-IC)	1416	443-53	7442	445-0303-001	5642	464-285-19	117A
418S	5998	421-9670	123A	430-23190	181	438-2(RCA)	788	443-54	7403	445-0303-002	5642	464-311-19	140A
418V	6002	421-9671	102A	430-23212	123A	438-3(RCA)	788	443-65	7427	445-0303-002	5642	464-311-19	140A
418Z	6002	421-9682	100	430-23221	123A	439-054/00	4000	443-66	74192	445-0303-002	5642	464-311-19	140A
419-1(MAG-IC)	2202	421-9683	108	430-23222	129	439-054/01	4001B	443-70	74H103	445-1(RCA)	711	464-311-19	140A
419-1(MAG)	69	421-9792	160	430-23223	129	439-054/11	4011B	443-71	74H100	445-1(MAG-IC)	1832	465-005-19	102A
419-2(MAG)	69	421-9840	123A	430-23843	120	439-054/12	4012B	443-72	7407	445-103-19	102A	465-005-19	102A
419-3(MAG)	69	421-9862	103A	430-23844	138	439-054/13	4013B	443-73	7416	446B	5854	465-036-19	102A
419A	5986	421-9862A	102A	430-25762	312	439-054/16	4016B	443-74	75452B	446C	5855	465-042-19	160
419B	5986	421-9863	102A	430-25763	312	439-054/24	4024B	443-77	7438	446D	5855	465-045-19	160
419C	5986	421-9863A	102A	430-25764	108	439-054/25	4025B	443-87	74145	446E	5855	465-049-19	160
419D	5986	421-9864	102A	430-25765	108	439-054/27	4027B	443-89	7409	446F(W.E.)	5809	465-061-19	160
419F	5988	421-9864A	102A	430-25766	123A	439-054/49	4049	443-92	74193	446H	5859	465-067-19	158
419H	5990	421-9865	116	430-25767	108	439-054/50	4050B	443-604	4007	446K	5863	465-072-19	102A
419K	5992	421-11	102A	430-25834	131	439-2(RCA)	789	443-607	4013B	446M	5863	465-072-19	102A
419M	5994	422-0222	102A	430-203845	129	440-1(SYL)	284	443-612	74193	446P	5866	465-075-19	102A
419P	5998	422-0738	123A	430CL	123A	440-2(SYL)	284	443-701	7411	446RB	5865	465-080-19	102A
419RA	5987	422-0739	129	430E	6113	441-1(MAG)	159	443-623(Heath)	74154	446S	5866	465-082-19	102A
419RB	5983	422-0960	175	430M	6113	441-2(SYL)	285	443-623-51644	7411	446V	5868	465-086-19	160
419RC	5987	422-0961	130	430N	6115	441-819	3079	443-625	74132	446Z	5868	465-086-19	160
419RD	5987	422-1232	129	430P	6115	441A	5890	443-628	74136	447(ZENITH)	123A	465-1A5	160
419RF	5989	422-1233	128	430PA	6115	441B	5854	443-631	3040	447-05	941	465-2A5	103A
419RH	5991	422-1234	123A	430PB	6115	441C	5854	443-640	7493A	447-1	319P	465-4A5	101
419RK	5993	422-1362	116	430S	6115	441D	5854	443-642	7405	447-1(MAG)	319P	465-106-19	123A
419RM	5995	422-1401	108	430T	6115	441F	5858	443-644	8368	447-16	973D	465-106-19	158
419RP	5999	422-1402	108	431-26551A	722	441H	5858	443-694	7409	447-16	973D	465-115-19	102A
419RS	5999	422-1403	126A	432-1(SYL)	194	441I	5862	443-698	4049	447-33	973	465-132-19	102A
419RV	6003	422-1404	128	432P1(GE)	482	441M	5862	443-703	4001B	447-40	778A	465-137-19	131
419S	5998	422-1405	129	432P2(GE)	480	441P	5866	443-704	4002B	447-50	941	465-146-19	160
419V	6002	422-1406	102A	432P11	482	441S	5866	443-706	4011M	447-50	941	465-163-19	102A
420-0114	177	422-1407	123A	433(ZENITH)	123A	441V	5868	443-707	4515B	447-50	941	465-165-19	102A
420-0217	177	422-1408	125	433-1(MAG-IC)	214	441Z	5868	443-708	4510B	448-002/03	941	465-166-19	131MP
420-1	123AP	422-1443	121MP	433-1(MAG)	2300	442-1	319P	443-713	4028B	448-1(MAG-IC)	960	465-181-19	107
420-1(MAG-IC)	2205	422-1466	116	433-1(SYL)	123A	442-1(MAG)	319P	443-717	74126	448A662	128	465-191-15	102A
420-1(MAG)	69	422-2008	129	433-1(Sylvania)	123A	442-2(SYL)	331	443-718	74LS195A	449	184	465-206-19	131
420-2(MAG)	69	422-2158	128	433-2(NAP)	2318	442-3(MAG)	319P	443-719	74LS266	449-1(MAG)	159	465-223-19	160
420-170	177	422-2532	108	433-3(MAG)	2300#	442-4(HEATH)	785B	443-720	96L02	449-1(NAP-IC)	1752	465-260-15	131 + 155(CP)
420-180	177	422-2533	123A	433-4(MAG)	2300#	442-5	785B	443-728	74LS00	450-1(NAP-IC)	123AP	465A-15	160
420-2003-173	125	422-2534	123A	433-5(MAG)	2302	442-6	9080	443-730	74LS74A	450-1(MAG)	123AP	465B-15	160
420-2005-000	113A	422-2535	102A	433CL	123A	442-7	703	443-731	74LS290	450-2(MAG)	199	465C-15	121
420-2104-570	125	422-2540	116	433M852	129	442-8	703	443-732	74LS30	450-1167-1	159	466-1(MAG-IC)	943M
420-2106-270	505	422-2778	160	433P1(GE)	199	442-9	703	443-733	74LS293	450-1167-2	123A	466-1A5	102A
420PB30	5595	422-2779	160	434	199	442-10	705A	443-737	4518B	450-1261	123A	466-2A5	102A
420PB50	5595	422-2780	160	434-1(CBE-MAG)	159	442-11	748A	443-738	4556B	450N1	123AP	466-3A5	102A
420PB60	5595	423-800-235	9933	434-1(RCA)	710	442-16	722	443-739	74LS03	451-2(MAG)	159	468-1	228A
420PB80	5596	423-800175	9932	434-2(CBE-MAG)	159	442-18	708	443-740	4081B	451-3(MAG)	159	468-1(MAG)	228A
420PB100	5596	423-800176	9932	434-3(CBE-MAG)	159	442-20	703	443-752	74LS175	451-3(MAG)	159	468N1	228A
420PB120	5596	423-800177	9932	435-1(CBE-MAG)	1								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
472-0309-001	128	490-2(SEARS)	108	514-026814	6027	514-103704	7417	523-2003-360	5085A	532-341A	116	545-001	5603
472-0445-001	128	491-2(SEARS)	108	514-027051	5002A	514-112279	941M	523-2003-368	134	533-1(MAG-IC)	74LS09	545-1(MAG)	128P
472-0491-001	123A	491A948	128	514-027662	100	515	123	523-2003-390	5086A	533-1(MAG)	51	546	108
472-0946-001	130	491N(ITT)	75491B	514-027757	116	515-0074	116	523-2003-399	5067A	534-1(MAG)	116	546-1(MAG-IC)	208A
472-0946-002	130	492-1(MAG-IC)	2013	514-028072	116	515-299	201	523-2003-430	5087A	534-1(MAG-IC)	74LS156	546-1(MAG)	129P
472-1(SYL)	198	492-1A5	105	514-028073	116	515-521	108	523-2003-439	5068A	535-1(NAP-IC)	859	546-2(NAP-IC)	2087
472-1198-001	123A	492N(ITT)	75492B	514-030963	5962	515-10408A-01	710	523-2003-450	5088A	535-1(MAG)	382	547-1(MAG)	288
473-1(MAG)	238	493-1(MAG-IC)	4053B	514-031162	5962	515-10408A-01	710	523-2003-470	5088A	535-1(RCA)	319	547-2(JF)	125
473A31	121	493N(ITT)	75493	514-032815	100	515-0RND	123A	523-2003-479	5069A	535-2(MAG)	382	548-1(MAG-IC)	74LS24
473B5	102A	494-1(NAP-IC)	778A	514-033338	289A	516	123	523-2003-500	5089A	535-3(MAG)	382	548-1(MAG)	379
473B6-2	102	496-1(MAG-IC)	1655	514-033377	121	516-1(RCA)	159	523-2003-510	5089A	535A	107	549-1	159
473B6-2A	102	498-1(CBE-MAG)	159	514-033903	177	516-2(SYL)	295	523-2003-519	135A	535M	107	549-2(RCA)	159
473B6-4	102	498-2(CBE-MAG)	159	514-035596	116	517-0021	116	523-2003-520	5089A	536-1(RCA)	123AP	549-2(RCA)	159
473B6-5	102	499(Chrysler)	152	514-038984	116	517-0025	116	523-2003-569	5090A	536-2(RCA)	123AP	549-2(RCA)	159
473B6-7	102	499(ZENITH)	123A	514-040296	312	517-0031	116	523-2003-620	149A	536FU	123A	550-001	121MP
474-004	116	499-1	108	514-042791	177	517-0033	116	523-2003-629	137A	536D9	123A	550-017	159
474-025	116	499-1(CBE-MAG)	123AP	514-043826	5514	517-1(MAG)	2310	523-2003-680	5092A	536F	123A	550-026	123AP
474-1	123AP	499-1(Zenith)	123AP	514-044910	159	517-2(MAG)	2310	523-2003-689	5071A	536F(JVC)	123A	550-027-00	123A
474-1(MAG)	123AP	499-2(CBE-MAG)	123AP	514-045244	125	517-2(SYL)	152	523-2003-750	5093A	536F5	123A	550-027	159
474-1(MAG-IC)	4052B	499-3(CBE-MAG)	123AP	514-047801	2040	517-518	123	523-2003-759	138A	536FU	123A	550-027-00	159
474-3A5	100	500-4(CBE-MAG)	123AP	514-047828	210	518-027-4801	1288	523-2003-820	150A	536G(Wards)	123A	550-030	6410
474A410AXP001	124	500-019	3020	514-047829	211	518-1(MAG)	46	523-2003-829	5072A	536GT	123A	550-031	457
474A410BEP2	152	500-1(CBE-MAG)	123AP	514-047830	196	518-2(SYL)	292	523-2003-910	5095A	536GU(Wards)	128	550-033	289A
474A410BW-2	152	500-2(CBE-MAG)	123AP	514-047837	211	518-499	116	523-2003-919	139A	536J2F	116	550-040	282P
474N1	123AP	500-3(CBE-MAG)	123AP	514-047970	5072A	519-1(RCA)	123AP	523-2005-629	5072A	537-5	199	550-047	159
475-018	5802	500-4(CBE-MAG)	199	514-048551	761S	520-1(RCA)	128	523-2005-689	5071A	537D	123A	550-058	159
475-1	159	500-5D(ITT)	75492B	514-052689	5963	520-301	124	523-2005-729	5063A	537E	123A	550-068	188
475-1(MAG)	159	500B10	125	514-053752	OBS-NLA	520T1	100	523-2005-759	138A	537F5	108	550-069	188
475-1(MAG-IC)	4001B	500R520	525	514-053981	975	521-081	110MP	523-2005-829	5072A	537FV	123A	550-081	287
475P1	159	500S10	125	514-054214	130	521-094	116	523-2005-919	139A	537FY	123A	550-082	130
476-1	397	500S20	525	514-054489	74107	521-1(RCA)	100	523-2005-919	139A	537J2F	116	550-084	159
476-1(MAG)	397	501-068	282P	514-057814	5673	521-145	109	523-2005-919	139A	538-1(MAG)	220	550-085	188
476A	123	501-50M(ITT)	75491B	514-058337	5414	521-9167	3018	523-2005-919	139A	538-1(SYL-IC)	47	550-087	188
476P1	397	501-363-2	5802	514-058621	88	521-9185	3000	523-2005-919	139A	538-2(MAG)	47	550-089	159
477-0375-001	9932	501-4249	123AP	514-058963	3020	521-9186	3001	523-2005-919	139A	538J2F	116	550-070	123AP
477-0376-001	909	501E5001M	108	514-058992	5014A	521-9189	3007	523-2005-919	139A	539-1(MAG)	54	550-071	159
477-0376-002	909D	501P(Trans)	85	514-059342	5650	521-9195	3001	523-2005-919	139A	539-1(SYL)	238	550-072	188
477-0377-001	9930	501V60	6102	514-059484	7403	521-9206	3010	523-2005-919	139A	539-1(RCA)	123AP	550-1(SYL)	194
477-0379-001	9945	501V60B	6102	514-059485	7402	521-9207	3011	523-2005-919	139A	539-2010-609	3028	550PB30	5595
477-0380-001	9945	501V60B	6102	514-059486	7420	521-9217	3020	523-2005-919	139A	539-2010-610	3028	550PB50	5595
477-0381-001	9946	501V80	6104	514-059467	7474	521-9224	3024	523-2005-919	139A	539-2010-610	3028	550PB80	5595
477-0404-002	910	501V80B	6104	514-059468	74150	521-9225	3021	523-2005-919	139A	539J2F	116	550PB80	5595
477-0412-004	7473	501V81	6104	514-059469	74154	521-9226	3022	523-2005-919	139A	540-008	5804	550PB100	5595
477-0415-002	7450	501V100B	6104	514-059470	74154	521-9227	3021	523-2005-919	139A	540-010	116	550PB120	5595
477-0417-002	7453	501V120	6104	514-059628	4011B	521-9248	3022	523-2005-919	139A	540-012	6407	551	108
477-0542-001	941	501V120B	6104	514-060021	7405	521-9250	3024	524-2(RCA)	229	540-013	144A	551-0002	3042
477-1	386	501V120B	6103	514-060260	2042P	521-9256	3022	524-457	109	540-014	125	551-008	716
477-1(MAG)	386	501V120B	6103	514-061662	912	521-9258	3021	524WHT	123A	540-015	5801	551-007	OBS-NLA
477A15	105	501VR80	6105	514-061705	2160	521-9260	3024	525-1(MAG)	263	540-016	177	551-008	976
477B15	121MP	501VR80B	6105	514-061986	7410	521T1	100	525-2(MAG-IC)	1903	540-019	5077A	551-008-00	941M
477C15	121MP	501VR100	6105	514-061987	7404	522(ZENITH)	107	525-3(MAG-IC)	1905	540-024	142A	551-009	778A
477N1	386	501VR100B	6105	514-061988	7486	522-726	116	525-4	116	540-025	177	551-010	9946
478C	587A	501VR120	6105	514-062023	792	522-893	113A	525-26	125(4)	540-026	177	551-010-00	9946
479-0547-001	519	501VR120B	6105	514-062023	792	522-893	113A	525-212	125	540-028	177	551-011	74121
479-0663-005	177	503T1	180	514-062141	4016B	522-893	113A	525-498	116	540-028-00	519	551-012	7432
479-1	287	503-T10192	156	514-062142	4016B	523-0001-002	116	525-877	109	540-029	138A	551-013	9945
479-1(MAG)	287	503-T12171	109	514-062143	4016B	523-0001-003	116	525(MAG-IC)	1917	540-030	145A	551-013-00	9945
479-1(MAG-IC)	966	503-T1472	109	514-062144	4016B	523-0001-004	116	525B	5483	540-032	135A	551-014	9810
479-3(MAG-IC)	966	504-067	1232	514-062145	4016B	523-0001-005	116	526-1(SYL)	188	540-033	177	551-015	7408
479-4(MAG-IC)	966	504-080-000	HID-V1	514-062212	975	523-0001-006	116	526-1(MAG)	294	540-033-00	519	551-016	960
479-5(MAG-IC)	968	504-1(MAG-IC)	1219	514-063293	778A	523-0001-007	125	526-376	116	540-036	145A	551-019	74107
479-6(MAG-IC)	959	505-1(CBE-MAG)	159	514-063882	7412	523-0001-008	125	527-082	113A	540-037	139A	551-020-000	2040
479-7(MAG-IC)	972	505-2(SYL)	287	514-063883	74125	523-0001-009	125	527-1(NAP)	383	540-038	135A	551-021-00	2040
479-1006-002	5529	505-2(CBE-MAG)	159	514-064032	204	523-0001-010	125	527-1(RCA)	108	540-039	5078A	551-022-00	778A
479-1012-001	519	505-2(CBE-MAG)	159	514-059463	7400	523-0006-002	519	527-1(MAG-IC)	4051B	540-040	5080A	551-023-00	9410
479-1013-001	519	505E5105	176	514-1(RCA)	127	523-0007-001	519	527-2(NAP)	383	540-041	5074A	551-025-00	902
479-1013-002	519	506-2(SYL)	180	514-1(MAG-IC)	216A	523-0009-027	613	527-3(NAP)	383	540-043	5079A	551-026-001	778A
479-1055-001	519	506-2(SYL)	180	514-100547	204	523-0009-041	610	527-798	117A	540-1(SYL)	159	551-029-00	2041S
479-1066	5529	506T1	180	514-100576	56022	523-0008-049	519	528-1(MAG)	374	540-1(RCA)	159	551-029-01	2041S
479-1163-001	519	507-4757-3331-500	3200	514-100684	3046	523-0008-002	519	528-1(RCA)	785S	540-1(MAG)	2310	551-030-00	978
479-1229-001	519	507-4758-3331-500	3200	514-100884	3046	523-0013-002	116	528-2(MAG)	374	540-442-506	180	551-031-00	74C157
479-1248-001	519	507-4759-3332-500	3201	514-101083	74LS00	523-0013-201	519	528-3(MAG)	374	540-443-510	181	551-032-00	4008B
479N1	287	507-4758-3332-500	3201	514-101084	74LS03	523-0016-500	5891	528-325	117A	540J2F	116	551-033-00	4001B
480-1	194	507-4758-3332-500	3201	514-101085	74LS04	523-0017-001	156	529-1(CBE-MAG)	229	541-1(RCA)	127	551-034-00	4071B
480-1(MAG-IC)	859	507-4759-3333-500	3202	514-101086	74LS05	523-0017-002	116	529-1(MAG)	229	541-1(MAG)	2300#	551-037-00	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
555-1(RCA)	128	561-2560-820	137A	561-5004-412	116	561-6162-247	156	561-6801-038	176	561-6803-702	159	561-6955-935	312
555-2(RCA)	2302	561-2560-823	137A	561-5005-360	116	561-6162-248	5455	561-6801-040	104	561-6803-703	159	561-6955-937	127
555-3(RCA)	128	561-2560-825	137A	561-5005-380	116	561-6162-250	5483	561-6801-102	103A	561-6803-705	159	561-6955-939	289A
555-4(RCA)	128	561-2560-914	519	561-5005-390	116	561-6162-251	5413	561-6801-126	121	561-6803-711	130	561-6955-941	107
555-5(RCA)	128	561-2560-915	177	561-5005-400	116	561-6162-252	116	561-6801-175	102	561-6803-715	130	561-6955-943	159
555A(IC)	703	561-2560-935	139A	561-5005-470	116	561-6162-295	5543	561-6801-178	160	561-6803-721	107	561-6955-950	297
555AB(IC)	703	561-2560-957	5071A	561-5005-890	177	561-6163-025	116	561-6801-182	176	561-6803-732	127	561-6955-953	172A
555C(IC)	703	561-2560-958	138A	561-5006-460	116	561-6163-047	5990	561-6801-183	176	561-6803-736	176	561-6955-955	159
555CP(IC)	955M	561-2560-961	140A	561-5006-470	116	561-6163-050	5527	561-6801-184	176	561-6803-738	176	561-6955-957	188
555H(IC)	1092	561-2560-962	140A	561-5008-810	116	561-6163-070	5990	561-6801-185	100	561-6803-771	181	561-6955-961	189
556(IC TIMER)	978	561-2560-963	142A	561-5010-820	116	561-6163-072	5991	561-6801-301	160	561-6803-772	181	561-6956-652	189
556(TT)	2013	561-2560-964	146A	561-5010-840	116	561-6163-080	6080	561-6801-303	158	561-6803-773	284	561-6956-740	265
556	978	561-2560-966	5027A	561-5010-950	116	561-6163-094	5527	561-6801-304	101	561-6803-789	219	561-6956-750	506
556	978	561-2560-967	5027A	561-5010-960	116	561-6164-002	5314	561-6801-305	158	561-6803-819	312	561-6956-942	186
557-1(SYL)	116	561-2560-969	5080A	561-5011-190	5842	561-6164-003	116	561-6801-308	101	561-6803-822	459	561-6956-944	153
557-1(MAG)	253	561-2560-970	5081A	561-5011-200	5842	561-6164-025	116	561-6801-309	100	561-6803-858	199	561-6956-945	332
558(TT)	2014	561-2560-971	146A	561-5011-842	5986	561-6164-174	5518	561-6801-311	121	561-6803-885	283	561-6957-251	130
558C(IC)	1051	561-2561-313	5017A	561-5011-850	5986	561-6164-180	5928	561-6801-363	121	561-6803-903	123AP	561-6958-405	189
558-1(NAP)	216	561-2561-321	5038A	561-5011-860	5986	561-6164-185	5928	561-6801-365	121	561-6803-904	123AP	561-6958-406	1079
558C	1051	561-2561-322	5040A	561-5011-870	5990	561-6164-225	5515	561-6801-370	102	561-6803-905	159	562-1	109
558C(IC)	1051	561-2561-358	5196A	561-5011-876	5991	561-6164-250	5990	561-6801-372	102	561-6803-906	159	562-1(RCA)	159
559-1	159	561-2561-359	5197A	561-5011-880	5990	561-6164-252	5545	561-6801-373	102	561-6803-907	129	562-2302	159
559-1(RCA)	159	561-2561-370	5214A	561-5011-900	5994	561-6164-253	5545	561-6801-374	102	561-6804-037	129	562C(IC)	1050
559-1492-001	9911	561-2561-590	5178AK	561-5011-902	5994	561-6164-255	6080	561-6801-379	102	561-6804-092	466	562C1(IC)	1050
559-1493-001	9921	561-2561-604	5186AK	561-5011-946	5987	561-6164-275	116	561-6801-381	102	561-6804-123	123AP	563-1(RCA)	159
559-1494-001	9913	561-2561-766	137A	561-5011-970	5994	561-6164-280	116	561-6801-404	102	561-6804-124	123AP	563H(IC)	1081A*
559-1495-001	9909	561-2561-776	5075A	561-5011-976	5987	561-6164-290	5994	561-6801-415	102	561-6804-125	159	563H1D369(IC)	1081A*
559-1496-001	9910	561-2561-780	5079A	561-5012-021	5874	561-6164-291	5995	561-6801-502	104	561-6804-126	159	563H2(IC)	1081A*
559-1516-001	128	561-2561-788	5089A	561-5012-027	5875	561-6164-297	6064	561-6801-537	121	561-6804-128	129	564-1(RCA)	310
560(RCA)	729	561-2568-191	5194A	561-5012-042	5878	561-6164-410	5924	561-6801-542	179	561-6804-237	128	564-2(RCA)	308
560(MM-MOV)	1V035	561-2568-280	5206A	561-5012-210	116	561-6164-420	5925	561-6801-544	179	561-6804-249	124	564-5(RCA)	310
560(7MM-MOV)	1V035	561-2568-300	5210A	561-5012-210	116	561-6165-080	5925	561-6801-545	179	561-6804-249	159	564-6(RCA)	310
560-1(RCA)	123AP	561-2568-312	5212A	561-5012-220	116	561-6165-080	5527	561-6801-556	179	561-6804-275	108	564-7(RCA)	308
560-2	123AP	561-2573-260	OBS-NLA	561-5013-422	5854	561-6165-080	116	561-6801-557	179	561-6804-348	280	564-8(RCA)	308
560-2(RCA)	123AP	561-2579-707	5181AK	561-5013-432	5854	561-6166-010	5806	561-6801-592	107	561-6804-356	159	564C(IC)	1088
561(IC)	1079	561-2580-003	5216AK	561-5013-480	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	565-072	128
561-0884-006	910D	561-2580-040	5220A	561-5015-660	5804	561-6166-020	5806	561-6801-592	107	561-6804-366	159	565-074	123A
561-0884-041	941D	561-2580-152	5232A	561-5015-662	5804	561-6166-020	5806	561-6801-592	107	561-6804-366	159	565-1(RCA)	123AP
561-0884-043	941M	561-2580-392	149A	561-5015-662	5804	561-6166-020	5806	561-6801-592	107	561-6804-366	159	565-1(MAG-IC)	4002B
561-0884-047	947D	561-2583-110	5254A	561-5016-140	5854	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-21	128
561-1(RCA)	123AP	561-2583-141	5257A	561-5016-160	5863	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-30	123
561-1(NAP)	2315	561-2583-605	177	561-5016-920	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-60	311
561-2510-320	6408	561-2583-606	177	561-5016-930	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-61	123A
561-2511-106	109	561-2583-791	5127A	561-5016-950	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-66	123A
561-2511-120	109	561-2583-793	5127A	561-5016-950	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-73	159
561-2511-190	109	561-2588-092	5151A	561-5016-960	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-74	129
561-2511-210	109	561-2588-165	5068A	561-5017-640	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-77	123A
561-2511-240	109	561-2588-930	5118A	561-5020-690	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-78	128
561-2511-290	109	561-2589-930	5174AK	561-5020-701	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-79	159
561-2511-400	109	561-2589-971	5178AK	561-5020-701	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-80	123A
561-2511-503	109	561-2590-090	177	561-5020-710	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-81	159
561-2511-510	109	561-2591-480	519	561-5021-292	6026	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-83	123
561-2511-530	109	561-2591-520	177	561-5021-576	5991	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-84	123A
561-2511-535	116	561-2591-530	519	561-5021-600	5994	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-86	159
561-2511-538	109	561-2591-540	519	561-5024-830	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-88	159
561-2511-540	109	561-2593-701	5000A	561-5026-100	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-90	288
561-2511-544	109	561-2594-480	519	561-5026-130	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-91	316
561-2511-555	109	561-2597-180	5133A	561-5031-330	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-95	128
561-2511-558	109	561-2597-280	5069A	561-5031-350	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-97	128
561-2511-564	5046A	561-2597-291	134A	561-5031-950	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566-99	159
561-2511-570	109	561-2597-310	5068A	561-5032-080	5940	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566H	1103
561-2511-575	109	561-2597-321	5069A	561-5032-086	5944	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566H(IC)	1052
561-2511-580	177	561-2597-341	136A	561-5032-090	5944	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566H2(IC)	1052
561-2511-700	5007A	561-2597-350	137A	561-5032-140	5952	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566H(L)	1052
561-2511-900	5014A	561-2597-351	137A	561-5032-530	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566H-M	1052
561-2554-560	177	561-2597-361	5071A	561-5032-770	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	566H-N	1052
561-2554-570	177	561-2597-381	5072A	561-5032-790	116	561-6166-020	5806	561-6801-592	107	561-6804-366	159	567(SYL)	74LS247
561-2554-571	177	561-2597-383	136A	561-5032-890	6155	561-6166-020	5806	561-6801-592	107	561-6804-366	159	567-0003-011	18A
561-2554-577	177	561-2597-420	142A	561-5									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
569-0544-322	9946	569-0882-726	74126	576-0001-003	102A	576-1(SYL)	161	595-130V	2V130	604-1C(SYL)	121MP	610-067-2	121
569-0544-328	9099	569-0882-732	74132	576-0001-004	123	576-1(RCA)	233	595-150V	2V150	604-1D(SYL)	121MP	610-067-3	121
569-0544-348	9092	569-0882-741	74141	576-0001-006	123	576-2(SYL)	161	595-250V	2V250	604-1E(SYL)	121MP	610-068	121
569-0690-300	900	569-0882-745	74145	576-0001-008	123A	576-3	723	595-460V	2V480	604-3(RCA)	172A	610-068-1	121
569-0690-301	912	569-0882-750	74150	576-0001-009	102A	576-8	7493A	595-61312	2V130	604-113	108	610-068	108
569-0690-302	914	569-0882-751	74151	576-0001-009	102A	576-14	740A	595-61512	2V150	604B	116	610-069-1	108
569-0690-318	902	569-0882-753	74153	576-0001-012	123A	576-2000-278	105	595-62512	2V250	604C	177	610-070	123A
569-0690-320	784	569-0882-754	74154	576-0001-013	102A	576-2000-890	126A	595-64612	2V480	605	123	610-070-1	123A
569-0690-321	784	569-0882-755	74155	576-0001-014	102A	576-2000-933	126A	595C2	1186	605-030	102A	610-070-2	123A
569-0690-335	785B	569-0882-760	74160	576-0001-018	102A	576-2001-970	105	596	1187	605-062-901	331	610-070-3	123A
569-0690-339	907	569-0882-761	74161	576-0002-001	241	576H	1185	596-2(SYL-Diode)	519	605-063-901	332	610-071	124
569-0690-352	727	569-0882-764	74164	576-0002-001(Sears)	152	577-1(RCA)	123AP	596-5	177	605-1(SYL)	128	610-071-1	124
569-0690-379	914	569-0882-765	74165	576-0002-002	130	577-1(SYL)	161	596-6(SYL)	519	605-113	108	610-072	123A
569-0690-381	916	569-0882-774	74174	576-0002-003	102A	577-2(SYL)	161	596-8(SYL)	519	606-0(SYL)	177	610-072-1	108
569-0690-501	4001B	569-0882-775	74175	576-0002-004	102A	577-3(SYL)	161	596-10(SYL-Diode)	519	606-020	102A	610-072-2	108
569-0690-502	4011B	569-0882-776	74176	576-0002-005	121	577A	1082	597-1(RCA)	159	606-1(RCA)	108	610-073	108
569-0690-503	4013B	569-0882-777	74177	576-0002-006	123A	577B196	5635	597-2(RCA)	159	606-113	116	610-073-1	108
569-0690-548	4049	569-0882-779	74179	576-0002-007	108	577C	1082	598-2(RCA)	102A	606-6003-101	519	610-074	126A
569-0690-549	4049	569-0882-780	74180	576-0002-009	330	577H(IC)	1082	598P3430	199	606-6003-102	519	610-074-1	126A
569-0690-550	4050B	569-0882-781	74181	576-0002-010	330	577N	1082	600	116	606-6021-101	177	610-076	123A
569-0690-681	916	569-0882-782	74182	576-0002-011	184	577R189H01	128	600-104-308	158	606-9601-101	123A	610-076-1	123A
569-0690-682	4017B	569-0882-790	74190	576-0002-012	102A	578-1(RCA)	102A	600-188-1-13	123A	606-9602-101	123A	610-076-2	123A
569-0690-683	4012B	569-0882-791	74191	576-0002-013	102A	578-2(SYL)	159	600-188-1-20	123A	607	129/400	610-077	123A
569-0690-684	4016B	569-0882-792	74192	576-0002-021	54	578-2(SYL)	507A	600-188-1-21	123A	607-030	123A	610-077-1	123A
569-0690-685	4019B	569-0882-793	74193	576-0002-026	241	579-1(RCA)	108	600-188-1-22	123A	607-113	116	610-077-2	123A
569-0690-686	4023B	569-0882-796	74196	576-0002-027	123A	579R925H01	910	600-188-1-23	123A	607A	129/400	610-077-3	123A
569-0690-687	4024B	569-0882-797	74197	576-0002-029	123A	580-2	116	600-188-1-24	123A	607B	129/400	610-077-4	123A
569-0690-688	4027B	569-0882-800	74200	576-0003-001	108	580R304H01	123A	600-188-1-25	123A	607C	129/400	610-077-5	123A
569-0690-689	4028B	569-0882-803	74203	576-0003-002	108	581-1(SYL)	123A	600-188-1-26	123A	607D	129/400	610-078	123A
569-0690-690	4029B	569-0882-804	74204	576-0003-003	108	581B83-7	5697	600-188-1-27	123A	607L	129/400	610-078-1	123A
569-0690-691	4052B	569-0882-805	74205	576-0003-004	108	582-1(SYL)	159	600-188-1-28	123A	607M	129/400	610-079	102A
569-0690-692	4051B	569-0882-810	74210	576-0003-005	108	582-1A(SYL)	159	600-188-1-29	123A	607N	129/400	610-079-1	102A
569-0690-693	4069	569-0882-811	74211	576-0003-006	108	583-1(SYL)	108	600-224-801	199	607S	129/400	610-080	102A
569-0690-694	4072B	569-0882-815	74215	576-0003-007	108	584-1(SYL)	108	600-228-201	228A	607SA	129/400	610-080-1	102A
569-0690-695	4073B	569-0882-820	74220	576-0003-008	126A	585-5(RCA)	230	600-301-801	123A	607SB	129/400	610-083	129
569-0773-600	955M	569-0882-822	74222	576-0003-009	126A	585-6(RCA)	231	600-565	860	607SC	129/400	610-083-1	129
569-0773-610	778A	569-0882-824	74240	576-0003-010	126A	586-1(RCA)	230	600A39	724	607SD	129/400	610-083-2	129
569-0773-800	7400	569-0882-826	74264	576-0003-011	123A	585-8(RCA)	230	600HT1U	177	608	116	610-083-3	129
569-0773-811	7411	569-0882-828	74288	576-0003-012	106	586-024	909	600HT2U	5335	608-030	116	610-083-4	129
569-0880-430	9930	569-0882-829	74289	576-0003-013	126A	586-2	123AP	600HT3U	5335	608-1(SYL)	127	610-083-5	129
569-0880-444	9944	569-0882-831	74211	576-0003-014	126A	586-151	9930	600HT4U	5335	608-1(RCA)	128	611-1	B40240
569-0880-445	9945	569-0882-833	74213	576-0003-015	126A	586-152	9930	600HT5U	5335	608-2	128	611-1(RCA)	152
569-0880-446	9946	569-0882-834	74214	576-0003-017	159	586-153	9946	600HT6U	5335	608-2(SYL)	127	611-2	B40240
569-0880-450	9950	569-0882-835	74215	576-0003-018	108	586-154	9946	600HT7U	5335	608-2(RCA)	128	611-2H	B40480
569-0880-458	9158	569-0882-837	74217	576-0003-019	159	586-155	9946	600X0091-086	123A	608-3(RCA)	128	611-3	B40480
569-0880-462	9962	569-0882-838	74218	576-0003-020	108	586-156	9946	600X0092-086	108	608-101	116	611-4	B40240
569-0881-801	74H01	569-0882-839	74219	576-0003-021	108	586-157	9946	600X0093-086	108	608-112	127	611-4H	B40480
569-0881-804	74H04	569-0882-840	74220	576-0003-022	199	586-158	9946	600X0094-086	108	608-113	116	611-5	B40240
569-0881-810	74H10	569-0882-841	74221	576-0003-023	161	586-159	9946	600X0095-086	108	608-114	116	611-6	B40240
569-0881-811	74H11	569-0882-842	74222	576-0003-024	126A	586-160	9946	600X0096-086	108	608-115	116	611-6H	B40480
569-0881-820	74H20	569-0882-843	74223	576-0003-025	160	586-161	9946	600X0097-086	108	609-020	160	611-7	B40240
569-0881-821	74H21	569-0882-844	74224	576-0003-026	161	586-162	9946	600X0098-086	108	609-030	116	611-7H	B40240
569-0881-822	74H22	569-0882-845	74225	576-0003-027	108	586-163	9946	600X0099-086	108	609-1(SYL)	127	611-8	B40240
569-0881-823	74H23	569-0882-846	74226	576-0003-028	108	586-164	9946	600X0100-086	108	609-112	123A	611-8H	B40480
569-0881-824	74H24	569-0882-847	74227	576-0003-029	107	586-165	9946	600X0101-086	108	609-113	116	611-11	B40240
569-0881-850	74H50	569-0882-848	74228	576-0003-030	108	586-166	9946	600X0102-086	108	610	116	611-12	B40240
569-0881-851	74H51	569-0882-849	74229	576-0003-031	108	586-167	9946	600X0103-086	108	610-001-103	116	611-12H	A25480
569-0881-852	74H52	569-0882-850	74230	576-0003-032	123AP	586-168	9946	600X0104-086	108	610-017-706	177	611-13	A40240
569-0881-853	74H53	569-0882-851	74231	576-0003-033	123AP	586-169	9946	600X0105-086	108	610-035-1	102A	611-14	A40240
569-0881-855	74H55	569-0882-852	74232	576-0003-034	123AP	586-170	9946	600X0106-086	108	610-036-1	102A	611-14H	A25480
569-0881-856	74H56	569-0882-853	74233	576-0003-035	123AP	586-171	9946	600X0107-086	108	610-037-1	102A	611-15	A40240
569-0881-857	74H57	569-0882-854	74234	576-0003-036	123AP	586-172	9946	600X0108-086	108	610-038-1	102A	611-16	A40240
569-0881-858	74H58	569-0882-855	74235	576-0003-037	123AP	586-173	9946	600X0109-086	108	610-039-1	102A	611-17	A40240
569-0881-859	74H59	569-0882-856	74236	576-0003-038	123AP	586-174	9946	600X0110-086	108	610-040-1	102A	611-18	A40240
569-0881-860	74H60	569-0882-857	74237	576-0003-039	123AP	586-175	9946	600X0111-086	108	610-041-1	102A	611-19	A40240
569-0881-861	74H61	569-0882-858	74238	576-0003-040	123AP	586-176	9946	600X0112-086	108	610-042-1	102A	612	116
569-0881-862	74H62	569-0882-859	74239	576-0003-041	123AP	586-177	9946	600X0113-086	108	610-043-1	102A	612-1(RCA)	123AP
569-0881-863	74H63	569-0882-860	74240	576-0003-042	123AP	586-178	9946	600X0114-086	108	610-044-1	102A	612-1A(SYL)	123A
569-0881-864	74H64	569-0882-861	74241	576-0003-043	123AP	586-179	9946	600X0115-086	108	610-045-1	102A	612-1B(ZENITH)	108
569-0881-865	74H65	569-0882-862	74242	576-0003-044	123AP	586-180	9946	600X0116-086	108	610-046-1	102A	612-1C(ZENITH)	108
569-0881-866	74H66	569-0882-863	74243	576-0003-045	123AP	586-181	9946	600X0117-086	108	61			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
616-1(RCA)	159	630-079	109	644-1	185	661-029D	287	682-1(RCA)	185	690V066H45	126A	690V0103H27	123A
616C	177	630-086	148A	645-924	1757	661-030A	288	683-1(RCA)	130	690V066H46	102	690V38H25	359
617-1(RCA)	108	630-1(SYL-Zener)	5152A	645-1039	1760	661-030B	288	684-1	181	690V066H47	102	690V68H20	109
617-10	123	630-2(SYL)	192	645-4000	1755	661N026A	288	684-1(SYL)	181	690V066H48	102	690V73H20	109
617-15	109	630-4(SYL)	192	645-4009	1756	662N011J	287	684-652423-1	116	690V066H49	126A	690V102H39	103A
617-17	109	631	222	647-1	165	662N011K	287	684A-1-5L	121	690V066H89	160	690V102H40	177
617-29	123A	631-1	129	647-1(RCA)	165	662N012J	288	686-0012	128	690V067H09	109	690V102H71	123A
617-46	109	631-1(RCA)	194	648-1(RCA)	127	662N012K	288	686-0112	128	690V067H35	103A	690V102H96	126A
617-50	102A	631-2(SYL)	193	649-1	165	662N013B	229	686-0130	128	690V067H48	126A	690V103H23	108
617-52	102A	631-3(SYL)	129	649-1(RCA)	165	662N031B	229	686-0165	128	690V068H30	102	690V103H24	108
617-53	116	631-4(SYL)	193	649B740	548	662N031C	229	686-0210	175	690V068H31	102	690V103H25	108
617-54	160	632-037-201	123A	650	109	663-1(SYL)	506	686-0210-0	175	690V068H32	109	690V103H26	108
617-55	160	632-037-210	123A	650-105	102	664-408B	289A	686-0243	130	690V069H39	116	690V103H27	108
617-56	126A	632-037-218	123A	650-106	102	664N-418A	197	686-0243-0	130	690V070H49	108	690V103H28	107
617-57	160	632-037-300	199	650-107	102	664N418A	197	686-0325-0	159	690V070H88	108	690V103H30	128
617-58	160	632-039-418	229	650-108	102	664N419A	85	686-1(RCA)	222	690V073H59	126A	690V103H31	123A
617-62	116(2)	632-073-318	199	650-109	103	664N419B	85	686-143	130	690V073H80	109	690V103H32	123A
617-63	123A	632-073-510	289A	650-110	116	664N426A	199	686-143A	130	690V073H85	163A	690V103H33	142A
617-64	123A	632-1(RCA)	196	650C0	5006A	664N-610A	234	686-229-0	128	690V075H62	128	690V103H54	109
617-65	161	632-1(SYL-VANIA)	188	650C1	5007A	665-1A5L	160	686-257-0	199	690V075H68	108	690V104H53	102A
617-66	116(2)	632-2(RCA)	196	650C2	5007A	665-2(RCA)	130	686-2700	159	690V077H34	126A	690V104H54	102A
617-67	123A	632-3	196	650C5	5008A	665-2A5L	103A	687-1	154	690V077H35	126A	690V105H32	139A
617-68	123A	632-3(RCA)	196	650C6	5008A	665-4A5L	101	687-1(RCA)	191	690V077H36	126A	690V105H44	116
617-69	153	632-122-617	186A	651	5009A	665-802C	85	687-2(RCA)	177	690V077H37	102	690V109H46	107
617-70	102A	632-197-406	235	651-001D	109	665-812A	152	688-1(RCA)	5404	690V077H73	102A	690V110H30	108
617-71	123A	633-056-439	290A	651-020A	109	665-812B	85	688B-1-5L	160	690V080H36	161	690V110H31	108
617-87	123	633-1(SYL)	290A	651-1(RCA)	395	665-814B	85	688C-1-5L	100	690V080H37	126A	690V110H32	108
617-17	123	633-1(RCA)	171	651C0	5009A	665-815B	290A	689-1(SYL)	312	690V080H38	102	690V110H33	108
617-156	109	634-1(SYL-TO-202)	186	651C1	5009A	665-816A	199	690-021H25	400/128	690V080H39	102	690V110H34	128
617-161	123A	634-1(SYL)	159	651C2	5009A	665-816B	199	690L-021H25	152	690V080H40	126A	690V110H36	128
617-162	116	634-1(RCA)	165	651C3	5009A	665-819B	229	690L-021H26	153	690V080H41	123	690V110H55	129
617-163	116	635	159	651C4	5010A	665-820A	85	690L270H02	121	690V080H42	127	690V114H29	108
618	116	635-066-000	312	651C5	5010A	665-821A	375	690L297H01	160	690V080H43	127	690V114H30	123A
618-1(RCA)	222	635-1(RCA)	222	651C6	5010A	665-830A	289A	690L297H02	121	690V080H44	102	690V114H31	108
618C	177	635-1(SYL)	196	651C7	5010A	665-830B	289A	690V02H69	108	690V080H45	163A	690V114H33	123A
619-1(RCA)	5642	635-2(RCA)	222	651C8	5010A	665-834A	399	690V010H40	161	690V080H47	116	690V114H36	116
619-2(RCA)	5642	636-1(RCA)	152	651C9	5011A	665-857Y	398	690V010H41	108	690V080H48	506	690V114H37	108
619-3(RCA)	5642	636-1(SYL)	152	651N001D	109	665A-1-5L	160	690V010H42	126A	690V080H50	506	690V116H20	107
619-6047	448B	637(RCA)	162	651N-016A	519	665B-1-5L	12A	690V028H28	108	690V080H51	506	690V116H21	123A
619-6054	448E	637-1	162	652	5012A	665C-1-5L	121	690V028H48	108	690V080H52	116	690V116H22	312
619-6056	448G	637-1(RCA)	162	652(ITT)	2011	666-1(SYL)	128	690V028H69	108	690V080H53	167	690V116H23	159
620	116	638	218	652-005B	116	666-1(RCA)	159	690V028H89	108	690V080H54	116	690V116H24	128
620-1	159	638-1	218	652-1(RCA)	229	666-1A-5L	102A	690V028H99	116	690V080H55	156	690V116H25	185
620-1(RCA)	159	638-1(RCA)	218	652-615A	116	666-2A-5L	102A	690V034H29	126A	690V081H07	108	690V116H26	184
620-2(RCA)	159	638-1(SYL)	184	652-616A	552	666-3A-5L	102A	690V034H30	102A	690V081H08	160	690V116H40	142A
620C	177	638H	175	652-620A	552	668-137A	1186	690V034H31	102A	690V081H09	121	690V116H41	116
621-1	B40480	638JH	175	652-620B	552	668-137B	1187	690V034H32	109	690V081H10	166	690V116H57	177
621-1(RCA)	152	639(ZENITH)	123A	652C0	136A	668-138A	1187	690V034H33	102	690V081H11	506	690V118H58	116
621-1(SYL)	109	639CL	128	652C1	5011A	668-139A	712	690V034H74	109	690V081H12	145A	690V118H59	108
621-2	B40480	640-1(RCA)	196	652C2	5011A	668-140A	712	690V037H92	120	690V081H16	103A	690V118H60	159
621-3	B40480	640-1(SYL)	152	652C3	5012A	668-141A	712	690V038H22	156	690V081H17	104	690V118H61	159
621-4	B40480	640-1(SYL-VANIA)	152	652C4	5012A	668-142A	712	690V038H23	113A	690V082H47	158	690V118H62	102A
621-5	B40480	642-028	109	652C5	5012A	668-143A	712	690V039H17	119	690V083H89	109	690V119H14	116
621-6	B40480	642-068	113A	652C6	5012A	668-144A	615A	690V039H22	156	690V084H60	126A	690V119H15	177
621-11	A25480	642-098	110MP	652C7	137A	668-145A	108	690V039H52	116	690V084H61	102A	690V119H54	158
621-13	A25480	642-1	184	652C8	5013A	668N045A	1003	690V039H54	120	690V084H62	123A	690V119H94	126A
621A(SGS)	1112	642-2(SYL)	179	653-202	108	668N050A	138A	690V040H57	126A	690V084H63	102A	690V119H95	160
622	116	642-2D(SYL)	179	653C1	5014A	669	159	690V040H58	126A	690V084H94	108	690V119H96	160
622-1	128	642-2E(SYL)	179	653C2	5014A	669-1(RCA)	163A	690V040H59	126A	690V084H95	108	690V119H97	160
622-1(RCA)	128	642-2F(SYL)	179	653C3	5014A	669-2(RCA)	165	690V040H60	126A	690V084H96	108	690V119H98	109
622-2	128	642-3(SYL)	179	653C4	5014A	669A459H01	910D	690V040H61	102	690V085	158	691C844	128
622C	177	642-3A(SYL)	179	653C5	5015A	669A464H01	9932	690V040H62	102	690V085H42	126A	692-0014-00	OBS-NLA
623	307	642-3B(SYL)	179	653C6	5015A	669A469H01	911D	690V040H63	109	690V085H44	158	692-0016-00	99248
623(RCA)	152	642-3C(SYL)	179(2)	653C7	5016A	669A471H01	7472	690V041H08	116	690V086H39	102	692-0020-00	9999
623-0	307	642-21(SYL)	179(2)	654(ITT)	2012	669A492H01	9962	690V043H62	158	690V086H51	123A	692-1(SYL)	312
623-1	186	642-102	109	654-1(RCA)	229	671-1(SYL)	102A	690V043H63	158	690V086H52	108	692-2(SYL)	312
623-1(RCA)	152	642-116	160	654-1(SYL)	312	671-1(NAP-IC)	960	690V047H54	126A	690V086H56	159	692-2(Regency)	479
623-2003-100	140A	642-117	102A	654-2(SYL)	312	671-1A(SYL)	102A	690V047H55	126A	690V086H87	108	693-1(SYL-IC)	848B
623A	307	642-119	109	654-3(SYL)	452	671-1B(SYL)	102A	690V047H56	100	690V086H88	123A	693EP	123A
623B	307	642-126	177	654-4(SYL)	452	671-1C(SYL)	102A	690V047H57	100	690V086H89	129	693FS	123A
623C	307	642-132	109	654-202B	5014A	671-2(NAP-IC)	964	690V047H58	102	690V086H90	128	693G	123A
623D	307	642-147	160	654C9	5014A	671-3(NAP-IC)	966	690V047H59	102A	690V086H91	116	693GT	123A
623D	307	642-150	102A	654N214A	50101A	671-4(NAP-IC)	968	690V047H60	102	690V086H92	116	693GV	199
623SN	6356	642-151	158	654N224A	5014A	671A290H01	9930	690V047H61	109	690V086H94	161	694-1(RCA)	222
624	116	642-152	131	654N417A	177	671A291H01	9944	690V047H67	123A	690V086H95	161	694D	123A
624(RCA)	153	642-173	160	654N418A	611	671A292H01	9945	690V049H81	108	690V086H96	108	694E	123A
624-0005	113A	642-174	123A	655A22	3020	671A293H01	9946	690V052H23	102	690V086H97	108	695-1(Regency)	350
624-0006	113A	642-176	121	655C2	5019A	674-3A5L	100	690V052H24	102	690V086H98	108	695-3(Regency)</	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
700A858-285	116	709-4(REGENCY)	333	733W00035	941D	742C2030-020	130	753-4000-929	107	773CL	128	800-051-00	156
700A858-286	116	709CJ	909D	733W00039	7490	744-1(SYL)	108	753-4001-474	131	773RED	108	800-0200(IC)	74LS260
700A858-318	199	709CL	909	733W00042	7400	745-0004	3051	753-4001-931	184	774ZENITH	159	800-101-10-1	123A
700A858-318	123A	709DC	909D	733W00043	7420	745-0006	3050	753-4001-932	152	774CL	129	800-101-101-2	128
700A858-319	199			733W00045	7407	745-0014	3061	753-4004-248	159	774ORN	108	800-101-102-1	123A
700A858-322	177	709HC	909	733W00047	909A	745-0001	3056	753-5751-359	107	775-1(SYLVANIA)	172A	800-101-108-1	159
700A858-326	199	709PC	909D	733W00048	9937	745-293-2	593	753-5851-359	107	775-1(MAG-IC)	965	800-101-114-1	129
700A858-328	123A	710	116	733W00049	9949	745-295-2	592	753-6000-002	199	775-1(SYL)	172A	800-102-001	519
700PK50	559	710CJ	910	733W00050	9963	745-1042-1	2410	753-6000-019	312	775-2(SYL)	410/172A	800-102-101-1	519
700PK60	559	710CJ	910D	733W00051	9961	745-1124-1	2411	753-8400-230	199	775-3(SYL)	410/172A	800-122	124
700PK80	5599	710CL	910	733W00053	7442	745-1170	2341	753-8500-380	199	775BRN	108	800-158	124
700PK100	5599	710CN	910D	733W00059	309K	745-1175	2350	753-8510-470	128	776-1	159	800-172	124
700PK120	5599	710DC	910D	733W00060	9937	745-1181	2342	753-9000-019	312	776-1(SYL)	159	800-180	124
702-0002	107	710HC	910	733W00061	9935	745-2741-1	2427	753-9000-096	186	776-1(Sylvania)	159	800-181	124
702-0140	542	710PC	910D	733W00064	7404	745-2742-1	2428	753-9000-839	199	776-1A(SYL)	159	800-196	104MP
702-0148	542	711-001	390	733W00065	7410	745-4891-2	596	753-9000-922	107	776-2	159	800-203	124
702-910	113A	711CE	911	733W00066	7437	745-5962-1	2412	753-9001-674	229	776-2(SYL)	159	800-204	124
703-1	128	711C	911D	733W00067	7474	745-5963-1	2413	753-9001-675	229	776-2(Phico)	123A	800-205	158
703-2	128	711CL	910	733W00068	7486	745-8555	955MC	753-9010-021	6400B	776-3	159	800-208	103A + 102A(CP)
703 056 (4)	123A	711CN	911D	733W00069	7476	745-8556	979C	753-9010-235	152	776-3(SYL)	159	800-219	103A + 102A(CP)
703B	128	711DC	911D	733W00070	9808	746HC	707	753-9020-784	229	776-151	123A	800-245	129 + 128(CP)
703HC	703	711PC	911	733W00074	8316	746PC	790	753-9050-785	229	776-183	123A	800-250-102	123
705-1(SYL-IC)	401B	711PC	911D	733W00076	74193	747CE	947	753-5751359	229	776GRN	123A	800-253	121MP
705-600007	5633	714-22826-19	519A8C	733W00081	9807	747DC	947	753TC	736	776V	224	800-256(Metal)	124
706-1(SYL)	331	714-25566-61	123A	733W00084	9157	747DC	947D	753TC	736	777-1(SYL)	552	800-256(Plastic)	157
706BC	OBS-NLA	715EN	123A	733W00097	9157	747HC	947	754-0102-139	611	777-1A(SYL)	121MP	800-270	185 + 184(CP)
706BC	OBS-NLA	715FB	107	733W00103	74107	747PC	947D	754-1-1B(CA)	987	777-1B(SYL)	121MP	800-282	506
706BPC	OBS-NLA	715HC	716	733W00107	8314	747ZENITH	123A	754-900-124	116	777-1C(SYL)	121MP	800-284	129
706BPC	OBS-NLA	716HC	716	733W00108	9807	748CE	1171	754-1003-030	110MP	777-1D(SYL)	121MP	800-289	185 + 184(CP)
707	241	719-1(RCA)	2040	733W00109	74161	748CE	1171	754-2000-001	177	777-2	552	800-294	129 + 128(CP)
707-1(SYL)	332	720-2N1302	101	733W00121	7411	748CV	975	754-2000-002	116	777-2(SYL)	552	800-305	129 + 128(CP)
707W00004	109	720-2N1305	102	733W00124	7408	748HC	1171	754-2000-005	116	778-1(SYL)	121MP	800-310	103A + 158(CP)
707W00044	109	720-2N1371	386	733W00126	7432	748HC	949	754-2000-009	109	778-1(RCA)	56008	800-315	129 + 128(CP)
707W00048	5651	720-2N1637	126A	733W00127	7438	748(Bendix)	949	754-2000-011	177	778-1A(SYL)	121MP	800-321	124
707W00057	123A	720-2N2147	121	733W00128	7426	749-B160-190	1003	754-2009-150	177	778-1B(SYL)	121MP	800-328	129 + 128(CP)
707W00070	123A	720-2N2895	128	733W00132	7482	749DHC	949	754-2509-150	177	778-1C(SYL)	121MP	800-329	104
707W00071	123A	720-2N2923	140	733W00133	7493A	750-045	175	754-2720-007	138A	778-1D(SYL)	121MP	800-362	153 + 152(CP)
707W00073	5401	720-2N3440	386	733W00134	7412	750-137	102	754-2720-021	177	778-2(RCA)	56008	800-366	153 + 152(CP)
707W00079	159	720-2N3645	129	733W00135	74164	750-138	102	754-4000-088	109	778-3(SYL)	500A	800-401	124
707W00080	159	720-2N3904	123AP	733W00137	923D	750-139	102	754-4000-188	109	779BLU	108	800-501-00	123A
707W00081	123A	720-2N3906	159	733W00139	955M	750-140	102	754-4000-410	109	780-1(RCA)	5351	800-501-01	123A
707W00083	121A	720-2N4221	101	733W00163	74151	750-141	116	754-4000-553	612	780DC	714	800-501-02	123A
707W00084	6402	720-4-01	330	733W00183	74150	750-35019	102A	754-5000-021	116	780PC	714	800-501-03	123A
707W00086	5009A	720-4-02	330	733W00191	74155	750A858-285	116	754-5710-219	5072A	780WHT	123A	800-501-04	123A
707W00087	5014A	720-10	130MP	733W00211	4011B	750A858-328	199	754-5750-282	5072A	781-2(RCA)	5401	800-501-11	123A
707W00090	184	720-18	159	733W00215	4015B	750A858-448	152	754-5750-283	177	781-4(RCA)	5424	800-501-22	123A
707W00091	187	720-19	159	733W00217	74H74	750C838-123	123A	754-5750-284	116	781DC	715	800-502-00	102A
707W00093	152	720-21	312	733W00320	74H11	750C838-124	123A	754-5850-284	5072A	781PC	715	800-503-00	103A + 158(CP)
707W00104	5004A	720-23	284	733W00323	74153	750C838-125	123A	754-5900-082	1005	783-1(SYL-Diode)	125	800-504-00	160
707W00107	5007A	720-24	242	733W00332	74H51	750C871-1	HiDiv-1	754-5900-090	109	783RED	108	800-505-00	102A
707W00109	5009A	720-27	188	733W00333	74H40	750C871-2	HiDiv-1	754-8500-380	5072A	784ORN	108	800-506-00	103A
707W00110	5010A	720-30	199	733W00347	8312	750C871-3	HiDiv-1	754-9000-002	116	785-1(SYL)	102A	800-507-00	121
707W00114	5014A	720-31	130	733W00350	7482	750C871-4	HiDiv-1	754-9000-082	5072A	785YL	123A	800-508-00	123A
707W00116	5016A	720-32	152	733W01628	2014	750C871-5	HiDiv-1	754-9000-460	519	786	108	800-509-00	123A
707W00119	5019A	720-33	152	734-1(RCA)	4013B	750C871-6	HiDiv-1	754-9000-473	519	787BLU	108	800-510-00	130
707W00155	5066A	720-35	159	734-1(SYL-IC)	1413	750C871-7	HiDiv-1	754-9000-953	116	787PC	797	800-510-01	130
707W00159	5069A	720-37	128	734EU	312	750C871-8	HiDiv-1	754-9001-124	116	787-1(RCA)	5425	800-511-00	129
707W00160	135A	720-41	326	735-1(SYL)	121	750D858-211	123A	754-9002-924	614	791	123A	800-512-00	128
707W00161	136A	720-44	6401	735-1(SYL-Zener)	5134A	750D858-212	123A	754-9036-009	507	793-1(SYL)	102A	800-513-00	128
707W00163	137A	720-46	289A	735-2(SYL-Zener)	5130A	750D858-213	108	754-9052-473	519	792-286	102	800-514-00	123A
707W00168	139A	720-47	123A	735-3(SYL-Zener)	5116A	750M63-104	160	754-9053-090	139A	792-287	102	800-515-00	128
707W00169	140A	720-48	159	735-4(SYL-Zener)	5117A	750M63-105	159	755-42249A	159	792-288	102	800-516-00	129
707W00170	5074A	720-49	159	735-5(SYL-Zener)	5116A	750M63-106	159	755-845049	519	792-288	102	800-517-00	109
707W00177	5077A	720-50	159	735-7(SYL-Zener)	5135A	750M63-115	160	756	116	792-288	102	800-518-00	121
707W00179	5079A	720-51	123A	735-9(SYL-Zener)	5116A	750M63-117	160	758DC	743	792-290	102	800-521-01	123A
707W00183	146A	720-52	292	735-10(SYL-Zener)	5127A	750M63-119	123A	758DC	743	792-292	109	800-521-02	128
707W00201	123A	720-61	186	735-339	581	750M63-121	103A + 102A(CP)	758PC	743	792-414	552	800-521-02(Penncrest)	188
707W00204	154	720-62	187	737(ZENITH)	123A	750M63-122	103A + 102A(CP)	758PC	743	795C(TFRANS)	54	800-521-03	128
707W00205	5011A	720-64	129	738-1(SYL)	280	750M63-122	103A + 102A(CP)	760-070	1276	796-1(RCA)	1276	800-522-01	123A
707W00207	5103A	720-69	172A	739-1	121MP	750M63-146	123A	760-AR6011	1276	800-000-025	500A	800-522-02	123A
707W00215	116	720-70	6401	739-1(SYL)	121MP	750M63-147	158	762-1(RCA)	230	800-0004-PO90	724	800-522-02(Penncrest)	188
707W00218	172A	720-71	183	739DC	725	750M63-148	158	762-2(RCA)	231	800-001-031-1	159	800-522-03	128
707W00222	159	720-74	157	739H01	123A	750M63-149	116	762-2(FCA)	231	800-001-032-1	123A	800-522-04	123A
707W00227	5453	720-35019	102	739PC	725	751-2001-212	116	762-105-00	129	800-011-106-1	128	800-523-01	159
707W00243	5454	720-35019A	102A	740-1003-150	1021	751-6300-001	116	762-110	234	800-002-00	110MP	800-523-02	159
707W00244	5454	720DC	744	740-2001-110	1014	751-9001-							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
800-669B	129 + 128(CP)	815-1810	102A	851-1	123AP	903-00464	605A	903-212	109	905-102	7490	916-32000-7	109
800-670B	298 + 297(CP)	816-21(SYL-IC)	866	851-1(SYL)	194	903-3	123A	903-301	613	905-103	1586	916-32003-2	109
800-672	294 + 293(CP)	817-1(SYL-IC)	2203	852-92-43	185	903-3G	123A	903-303	552	905-105	1004	916-32005-2	116(4)
800-764	65	817-275	175	853-0300-471	293	903-8B	110MP	903-311	177	905-106	1308	917-2(SYL)	552
800-791	521	818-1(SYL)	507	853-0300-632	123A	903-9B	109	903-330	116	905-111	1592	917-1201-0	1003
800-818	287 + 288(CP)	818WHT	123A	853-0300-634	187	903-10B	109	903-332	177	905-112	1584	918-1(SYL)	177
800-820	103A + 102A(CP)	819-1(Zenith)	128	853-0300-643	193	903-12B	109	903-333	136A	905-120	788	918-001445-1	142A
800-50100	123A	819-1(SYL)	153	853-0300-644	199	903-13B	117A	903-334	156	905-121	1217	918-001445-2	137A
800-50300	103A	822-1	123A	853-0300-900	123A	903-14B	116	903-335	507A	905-122	400B	918-001445-3	137A
800-50400	160	822-2	123A	853-0300-923	123A	903-15B	116	903-337	140A	905-123	4011B	918-001445-4	137A
800-50500	126A	822-3	116	853-0301-096	186A	903-16B	109	903-339	519	905-124	2001	918-001445-5	137A
800-50600	103A	822-4(SYL)	319P	853-0301-317	289A	903-17	156	903-341	109	905-125	2004	918-001445-6	137A
800-50700	123A	822-1(Sylvania)	161	853-0373-110	123A	903-17A	156	903-344	5081A	905-126	801	918-001445-7	138A
800-51500	123A	822-2	116	853-0401-209	297	903-17B	156	903-347	116	905-127	801	918-001445-8	142A
800-51600	129	822-3	116	854-0372-020	116	903-17C	156	903-348	156	905-128	801	918-001445-9	142A
800-52102	123A	822-4	116	854-0372-180	139A	903-18B	109	903-349	109	905-129	788	918-001445-10	142A
800-52202	123A	822-5	116	858	199	903-20	177	903-350	109	905-130	1219	918-001445-11	580A
800-52302	123A	822-334A	123AP	858C	1198	903-23	109	903-355	109	905-131	1214	918-001445-12	156
800-52402	130	822A	123A	858GS	123A	903-23A	109	903-356	5023A	905-132	4013B	918-001445-13	580A
800-52600	123A	822ABLU	123A	859GK	199	903-23B	109	903-357	5023A	905-133	4013B	918-001445-14	580A
800-52700	129	822B	123A	860-022-01	181	903-23C	109	903-364	142A	905-134	1306	918-001445-15	580A
800-52800	103A	823B	123A	860-1(SYL)	116	903-23D	109	903-384	519	905-135	1615A	918-001445-16	580A
800-53001	128	823WHT	123A	861	1254	903-23E	109	903-397	109	905-136	1004	918-001445-17	580A
800-53300	128	824-09501	123A	861C	1254	903-25B	177	903-407	109	905-137	581	918-001445-18	580A
800-53400	123A	824-1(Last IF)(SYL)	233	861CE	1254	903-26B	134A	903-410	519	905-138	4027B	918-001445-19	580A
800-53600	108	824-1(SYLVANIA)	161	861E	1254	903-27	109	903-412	156	905-139	1087	918-001445-20	580A
800-53702	130MP	824-2(SYL)	319P	863-254B	177	903-27B	109	903-415	109	905-140	2060	918-001445-21	580A
800HB1U	5346	824-2(SYL)	319P	863-567B	177	903-28B	116	903-420	143A	905-141	2060	918-001445-22	580A
800HB2U	5346	824-3(SYL)	319P	863-776B	177	903-29B	109	903-425	143A	905-142	4029B	918-001445-23	580A
800HB3U	5346	824-10300	129	863-972	109	903-30B	109	903-426	143A	905-143	4029B	918-001445-24	580A
800HB4U	5346	826-03	5214A	865-1(SYL)	123A	903-33B	109	903-435	110MP	905-144	977	918-001445-25	580A
800HB5U	5346	826-04	5191A	866-6	130	903-34	109	903-436	519	905-145	4081B	918-001445-26	580A
801-04900	126A	826-06	5202A	866-6(BENDIX)	130	903-34A	109	903-438	519	905-146	2079	918-001445-27	580A
801-05200	126A	826-08	5188AK	866-665-9	130	903-34B	109	903-439	519	905-147	1308	918-001445-28	580A
801-05300	126A	826-1	159	867-1(SYL-Diode)	177	903-34C	109	903-442	519	905-148	788	918-001445-29	580A
801B	123A	826-2(SYL)	159	867-2(SYL)	177	903-34D	109	903-443	5015A	905-149	2003	918-001445-30	580A
801PDB0B	6113	826-1A(SYL)	159	868-1(SYL)	506	903-34E	109	903-448	5013A	905-150	7430A	918-001445-31	580A
801PDB10B	6113	826-2	159	869-1	287	903-36	125	903-449	5020A	905-151	1308	918-001445-32	580A
801PDB10B	6113	826-2(SYL)	159	869-1(SYL)	191	903-36A	125	903-450	116	905-152	929	918-001445-33	580A
801PDB120B	6113	826-2A(SYL)	159	870-1(SYL)	165	903-36B	125	903-451	156	905-153	937M	918-001445-34	580A
801PDB60B	6113	826-3(SYL)	159	870-2(SYL)	165	903-36C	125	903-453	5014A	905-154	4528B	918-001445-35	580A
801PDB80B	6113	826-3A(SYL)	159	870-3(SYL)	165	903-36D	125	903-456	5022A	905-155	968	918-001445-36	580A
801PDB100B	6113	826-10	5197AK	872-6(RCA)	177	903-36F	125	903-457	5023A	905-156	853	918-001445-37	580A
801PDB120B	6113	826-11	5204A	872-7	177	903-37	109	903-458	5023A	905-157	1115A	918-001445-38	580A
801PDB120B	6113	826-16	5196A	872-10(RCA)	177	903-37B	109	903-463	177	905-158	778A	918-001445-39	580A
802-0027(C)	74LS27	826-19	5198AK	872-29(RCA)	177	903-41B	177	903-479	5022A	905-159	955S	918-001445-40	580A
802-0038(C)	74LS38	826-22	5204AK	879-1(SYL)	145A	903-42B	109	903-480	5017A	905-160	4069	918-001445-41	580A
802-0266(C)	74LS266	826-23	5181A	879-2(SYL)	145A	903-43B	109	903-481	5010A	905-161	4520B	918-001445-42	580A
802-05400	102A	826-24	5188A	879-3(SYL)	145A	903-43B	109	903-483	615A	905-162	977	918-001445-43	580A
802-05600	102A	826-26	5177A	879-4(SYL)	138A	903-47	612	903-486	519	905-163	4081B	918-001445-44	580A
802-22631U	102A	827BRN	123A	879-6(SYL)	5079A	903-47B	612	903-487	5015A	905-164	1294	918-001445-45	580A
802-36400	102A	828GRN	123A	879-7(SYL)	5079A	903-48B	177	903-488	610	905-165	2080	918-001445-46	580A
802-36430	102A	828S	123A	880-101-00	703	903-49B	109	903-489	5009A	905-166	1714S	918-001445-47	580A
802-39300	102A	829	159	880-102-00	703	903-49B	109	903-498	5012A	905-167	1729	918-001445-48	580A
803-0073(C)	4073B	829-501(RCA)	189	880-103-00	991A	903-51B	109	903-499	5018A	905-168	1705	918-001445-49	580A
803-1(RCA)	4081B	829-502(RCA)	189	880-207-000	116	903-52B	116	903-507	109	905-169	1714S	918-001445-50	580A
803-18250	123A	829-503(RCA)	188	880-250-102	123A	903-54B	109	903-508	177	905-170	1744	918-001445-51	580A
803-37380	123A	829-504(RCA)	188	880-250-107	123A	903-54B	109	903-509	5018A	905-171	9905	918-001445-52	580A
803-38030	108	829A	159	880-250-108	123A	903-55B	109	903-510	558	905-172	9906	918-001445-53	580A
803-38040	108	829B	159	880-250-109	123A	903-57B	614	903-511	5100A	905-173	9907	918-001445-54	580A
803-39430	108	829C	159	881-250-102	123A	903-68B	506	903-512	558	905-174	9908	918-001445-55	580A
803-39440	108	829D	159	881-250-107	129	903-69B	177	903-513	5010A	905-175	9908	918-001445-56	580A
803-38440	108	829E	159	881-250-108	123A	903-72B	5022A	903-515	110MP	905-176	9909	918-001445-57	580A
803-38930	108	829F	159	881-250-109	123A	903-75B	116	903-517	116(2)	905-177	123A	918-001445-58	580A
803-83940	123A	830	102A	881-250-109	199	903-79B	116	903-518	519	905-178	107	918-001445-59	580A
803-89910	123A	830-9	108	883-1(Regency)	474	903-82B	177	903-528	519	905-179	9909	918-001445-60	580A
803-89930	123A	831-024	5000A	884-1(SYL)	152	903-83B	109	903-529	519	905-180	9910	918-001445-61	580A
804	123A	831-033	5066A	884-250-001	121	903-84B	177	903-536	519	905-181	9910	918-001445-62	580A
804-1(SYL)	123A	831-051	5010A	884-250-010	121	903-85B	109	903-537	519	905-182	9910	918-001445-63	580A
804-3(Regency)	361	831-062	137A	884-250-011	184	903-95B	177	903-538	5070A	905-183	9910	918-001445-64	580A
804-14120	130	831-066	137A	886-1(SYL)	126A	903-96B	614	903-539	5070A	905-184	9910	918-001445-65	580A
804-14130	130	831-124	142A	887-1(SYL)	126A	903-97B	142A	903-540	5070A	905-185	9910	918-001445-66	580A
804-21980	123A	831-740B	123AP	888-3(SYL)	126A	903-98B	614	903-541	5070A	905-186	9910	918-001445-67	580A
804A765-2	5809	831A-3	F1A005%	889-1(SYL)	126A	903-99B	614	903-542	5070A	905-187	9910	918-001445-68	580A
805-1(SYL)	102	831A-5	F1A012%	890-1(SYL)	109	903-100B	177	903-543	5070A	905-188	9910	918-001445-69	580A
805-1060	109	831A-7	F1A024%	895(Zenith)	123AP	903-103B	109	903-544	5070A	905-189	9910	918-001445-70	580A
805-10600	109	831C-1	F1C005	900-1(SYL)	220								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
919-015618-2	5080A	921-01144	123AP	921-39B	102A	921-140B	158	921-305B	123A	921-1060	123AP	921-1722	2417
919-017406-01	5122A	921-01145	159	921-40	102A	921-141B	107	921-306B	123AP	921-1061	108	921-1723	2359
919-017406-02	5120A	921-01146	123AP	921-40A	102A	921-142B	107	921-307B	123AP	921-1062	123AP	921-1728	2359
919-017406-03	5133A	921-01147	85	921-40B	102A	921-143B	107	921-307B	123AP	921-1063	123AP	921-1744	2360
919-017406-04	5137A	921-01148	85	921-41B	102A	921-145B	107	921-308	159	921-1064	123AP	921-1745	2358
919-017406-05	5125A	921-01176	234	921-43B	123A	921-147B	102A	921-308B	159	921-1065	123AP	921-1772	2360
919-017406-06	5128A	921-01177	123AP	921-44B	158	921-148B	102A	921-309	123AP	921-1066	123AP	921-1799	2357
919-017406-07	5127A	921-01178	123AP	921-45	102A	921-150B	102A	921-309B	123AP	921-1067	312	921-1801	2358
919-017406-08	5130A	921-01187	123AP	921-45A	102A	921-152B	199	921-312B	229	921-1068	107	921-1807	2358
919-017406-09	5129A	921-01536	2358	921-45B	102A	921-153B	102A	921-313B	108	921-1069	85	921-1838	2359
919-017406-10	5135A	921-01537	2357	921-46	123A	921-154B	199	921-314	123AP	921-1070	290A	921-1880	2355
919-017406-11	5136A	921-01550	2355	921-46A	123A	921-155B	199	921-314B	123A	921-1071	85	921-3558	123AP
919-017406-12	5139A	921-01559	2356	921-46B	103A	921-156B	124	921-315B	129	921-1072	85	921HC	9921
919-017406-13	5130A	921-01577	2359	921-46BK	123A	921-157B	220	921-318B	102A	921-1073	85	923-0208-007	552
919-017406-14	5126A	921-01582	2357	921-47	123A	921-158B	108	921-319B	102A	921-1074	199	923-0371-035	116
919-017406-15	5117A	921-01613	2360	921-47A	123A	921-159B	123A	921-320B	229	921-1075	85	923-0371-040	139A
919-017406-16	5114A	921-01633	2416	921-47B	129	921-160B	159	921-321	123AP	921-1076	152	923-0371-041	314
919-017406-17	5116A	921-01637	2416	921-47BL	123A	921-161B	123A	921-321B	123AP	921-1077	85	923-1(RCA)	320
919-017406-18	5111A	921-01654	2417	921-48	123A	921-163B	186	921-322B	123AP	921-1078	85	923-2(RCA)	320
919-017406-19	5112A	921-01678	2419	921-49B	123A	921-170B	108	921-323B	159	921-1103	123AP	923-3(RCA)	320
919-017406-20	5113A	921-01689	2360	921-50B	123A	921-171B	108	921-325B	108	921-1134	159	924-7(SYL-SCR)	320
919-017406-21	5115A	921-01693	2356	921-51B	102A	921-172B	108	921-326B	107	921-1142	123AP	924HC	OBS-NLA
919-017406-22	5116A	921-01697	2357	921-52B	102A	921-173B	108	921-327B	158	921-1143	159	924-1(SYL-SCR)	5400
919-017406-23	5118A	921-01700	2359	921-53B	158	921-174B	108	921-328B	159	921-1144	299	924-1(SYL)	233
919-017406-24	5119A	921-01703	2358	921-54B	103A	921-176B	107	921-333B	106	921-1150	312	924-1(Large case)(SYL)	5452
919-017406-25	5121A	921-01722	2417	921-55B	161	921-177B	107	921-333P	106	921-1151	107	924-2(SYL-SCR)	5401
919-017406-26	5122A	921-01728	2359	921-56B	161	921-178B	123A	921-334B	108	921-1152	85	924-3(SYL-SCR)	5400
919-017406-27	5132A	921-01739	2359	921-57B	161	921-181B	229	921-335B	108	921-1159	222	924-4(SYL-SCR)	5400
919-017406-28	5134A	921-01744	2360	921-58B	161	921-182B	129	921-336B	108	921-1160	107	924-5(SYL-SCR)	5400
919-017406-29	5138A	921-01745	2358	921-59B	107	921-188B	128	921-337B	128	921-1161	108	924-6(SYL-SCR)	5404
919-017406-30	5140A	921-01772	2360	921-60B	128	921-189B	123A	921-338B	108	921-1169	152	924-7(SYL-SCR)	5404
919-017406-31	5141A	921-01799	2357	921-61B	124	921-191B	123A	921-339B	123AP	921-1170	289A	924-8(SYL-SCR)	5400
919-017406-32	5143A	921-01801	2358	921-62	107	921-195B	123A	921-342B	177	921-1171	290A	924-2209	172A
919-017406-33	5144A	921-01807	2358	921-62A	107	921-196B	199	921-345	123AP	921-1172	85	924-16598	102A
919-017406-34	5145A	921-01838	2359	921-62B	107	921-197B	159	921-345B	123A	921-1173	222	924-17945	121
919-017406-35	5146A	921-01880	2355	921-63	107	921-198B	185 + 184(CP)	921-346	288	921-1174	85	926C193-1	123A
919-017406-36	5147A	921-01900	152	921-63A	107	921-198B	185 + 184(CP)	921-347	287	921-1175	123AP	926C193-2	123A
919-017406-37	5148A	921-1A	160	921-63B	107	921-200B	123A	921-348	288	921-1180	290A	926C193-P1M4165	123A
919-017406-38	5149A	921-1B	160	921-64	107	921-202	159	921-348B	159	921-1181	123AP	926C206P1	519
919-017406-39	5151A	921-2A	160	921-64A	107	921-202B	159	921-349	123AP	921-1182	289A	926HC	9926
919-017406-40	5152A	921-2B	160	921-64B	107	921-203B	312	921-349B	229	921-1183	199	927-1A(SYL)	128
919-017406-41	5153A	921-3A	160	921-64C	107	921-204B	107	921-350B	229	921-1184	199	927HC	9927
919-017406-42	5154A	921-3B	160	921-65	126A	921-205B	199	921-351	123AP	921-1185	85	929(O)	199
919-017406-43	5155A	921-4A	160	921-65A	126A	921-206	199	921-351B	123AP	921-1193	159	929C	199
919-017406-44	5156A	921-4B	126A	921-65B	126A	921-206B	199	921-352B	123AP	921-1194	159	929CU	199
919-017406-45	5157A	921-5A	103A	921-66	126A	921-207	199	921-353	123AP	921-1195	123AP	929D(JVC)	199
919-017406-46	5158A	921-5B	103A	921-66A	126A	921-207B	199	921-353B	123AP	921-1196	123AP	929DX	199
919-017406-47	5159A	921-6A	103A	921-66B	126A	921-208	199	921-354	123AP	921-1197	159	930(OV)	199
919-017406-48	5160A	921-6B	103A	921-67	102A	921-209B	189	921-354B	123AP	921-1198	123AP	930B	199
919-017406-49	5161A	921-7	123A	921-67A	102A	921-210B	107	921-355	123AP	921-1200	234	930C	199
919-017406-50	5162A	921-7B	103A	921-67B	102A	921-211B	107	921-355B	123AP	921-1202	293	930C613-P1	909
919-017406-51	5163A	921-8	123A	921-68	102A	921-212B	108	921-357B	299	921-1203	306	930D	199
919-017406-52	5164A	921-9B	160	921-68A	102A	921-213B	108	921-357B	299	921-1204	289A	930E	199
919-017406-53	5165A	921-10B	160	921-68B	102A	921-214B	123A	921-360B	123AP	921-1205(SGD)	451	930E(Wards)	199
919-017406-54	5166A	921-11B	160	921-69	158	921-215B	123A	921-361B	100	921-1206(DSG)	451	930EX	199
919-017406-55	5167A	921-12B	160	921-69A	158	921-216B	102A	921-362B	229	921-1207	290A	930F	199
919-017406-56	5168A	921-13B	160	921-69B	158	921-217B	102A	921-369	123A	921-1209	289A	930G	199
919-017406-57	5169A	921-14B	102A	921-70	159	921-218B	102A	921-370	297	921-1213	159	930H	199
919-017406-58	5170A	921-15B	160	921-70A	159	921-219B	102A	921-371	297	921-1214	159	930I	199
919-017406-59	5171A	921-16B	160	921-70B	159	921-224B	158	921-382	261	921-1226	289A	930J	199
919-017406-60	5172A	921-17B	160	921-71	103A	921-225B	123A	921-383	262	921-1244	229	930K	199
919-017406-61	5173A	921-20	108	921-71A	103A	921-226B	107	921-389	287 + 288(CP)	921-1246	123AP	930L	199
919-017406-62	5174A	921-20A	108	921-71B	103A	921-227B	158	921-400	172A	921-1252	85	930M	199
919-017406-63	5175A	921-20B	108	921-72B	108	921-228B	123A	921-404	232	921-1253	290A	930N	199
919-017406-64	5176A	921-20BK	123A	921-73B	123A	921-229B	123A	921-405	159	921-1254	85	930O	199
919-017406-65	5177A	921-21	108	921-74	123AP	921-230B	192	921-406	123AP	921-1262	159	930P	199
919-017406-66	5178A	921-21A	108	921-75	123AP	921-231B	312	921-407	123AP	921-1263	123AP	930Q	199
919-017406-67	5179A	921-21B	108	921-76	107	921-232B	102A	921-408	123AP	921-1264	123AP	930R	199
919-017406-68	5180A	921-21BK	108	921-77B	107	921-233B	107	921-410	238 + 297(CP)	921-1265	293	930S	199
919-017406-69	5181A	921-22	108	921-78	107	921-234B	123A	921-411	238	921-1266	152	930T	199
919-017406-70	5182A	921-22A	108	921-79	107	921-235B	107	921-412	287 + 288(CP)	921-1274	123AP	930U	199
919-017406-71	5183A	921-22B	108	921-80	107	921-236B	107	921-423	153	921-1275	123AP	930V	199
919-017406-72	5184A	921-22BK	123A	921-81	107	921-237B	123A	921-429	291	921-1276	123AP	930W	199
919-017406-73	5185A	921-22BK	123A	921-82	107	921-238B	102A	921-430	292	921-1285	194	930X	199
919-017406-74	5186A	921-23	108	921-83	107	921-239B	199	921-431	152	921-1285	312	930Y	199
919-017406-75	5187A	921-23A	108	921-84	107	921-240B	199	921-432	153	921-1286	229	930Z	199
919-017406-76	5188A	921-23B	108	921-85	107	921-241B	199	921-433	153				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
944-1(SYL)	100	974-4(SYLVANIA)	157	991-003144	192A	991-016614	289A	991-029856	74LS04	1000-7227	1557
944-2(SYL)	100	974HC	9974S	991-003304	123A	991-016727	172A	991-029858-000	74LS10	1000-7334	85
944D	9944	975(Zenith)	123AP	991-003304	289A	991-016788	289A	991-029859-000	451B	1000-7352	530A
944PC	9944	975-1(RCA)	454	991-007776	116	991-017456	312	991-029860-000	74121	1000HB3U	5348
945	6400B		454	991-008393	123A	991-017459	193A	991-029864-000	834	1000HB4U	5348
945DC	9945	976-0036-921	177	991-008393	289A	991-018047	123AP	991-029866	4021B	1000HB6U	5348
945PC	9945	976-0720-002	287	991-008394	123A	991-018237	265	991-029875-000	923	1000HT1U	5338
946-1(SYL)	160	976-0720-052	287	991-008394M	123A	991-018238	289A	991-029876-000	777A	1000HT2U	5338
946-2(SYL)	160	976-0720-067	287	991-008394	289A	991-018452	302	991-030236-000	74LS138	1000HT3U	5338
946DC	9946	976-0720-110	396	991-008394	123A	991-018827	457	991-030244-000	74LS74A	1000HT4U	5338
946PC	9946	976-0720-117	454	991-008394A	123A	991-019354	74107	991-030254-000	74LS155	1000HT6U	5338
947-1(Sylvania)	108	976-0720-126	350	991-008394AH	123A	991-019355	74154	991-030720-000	74LS27	1000HT8U	5338
947-1(SYL)	123AP	977-1(RCA)	177	991-008395	123A	991-019356	74193	991-030721-000	74LS32	1001	128
948-1(SYL)	160	977-2B	116	991-01-0098	159	991-020055	74193	991-031061-000	74LS244	1001(EF Johnson)	9924S
948-2(SYL)	160	977-3B	125	991-01-0099	121	991-020425-002	186	991-031061-000	4053B	1001(GE)	712
949-10300	5547	977-4B	166	991-01-0461	172A	991-020425-003	377	991-031063-000	74LS240	1001(Fisher)	128
948DC	9948	977-6B	166	991-01-0462	159	991-020425-004	377	991-031634-000	74LS07	1001(Juliette)	123A
948PC	9948	977-8B	116	991-01-1216	12	991-020426-001	187	991-031634-001	451B3	1001-0036/4460	720
949-1(SYL)	108	977-10B	116	991-01-1217	158	991-020426-002	187	991-031918-000	74LS85	1001-0036/5462	1142
949DC	9949	977-11B	116	991-01-1219	123A	991-020426-003	377	991-2P	129	1001-0091/4460	1140
949PC	9949	977-12B	116	991-01-1220	123A	991-020426-004	292	991-3N	128	1001-0091/5462	1140
950-1(SYL)	108	977-14B	113A	991-01-1221	102A	991-020427	289A	991-3T	128	1001-02	123A
950DC	9950	977-18B	116	991-01-1222	102A	991-020428	289A	992-00271	130	1001-02(Courier)	407
950PC	9950	977-19	116	991-01-1223	102A	991-021443	7442	992-00271A	130	1001-03	123A
951-1(Sylvania)	126A	977-19B	116	991-01-1224	102A	991-021444	902	992-00-1192	104	1001-04	123A
951-1(SYL)	126A	977-20B	116	991-01-1225	159	991-021444-001	902	992-00-192	121	1001-05	123A
951-2(SYL)	126A	977-22B	116	991-01-1305	128	991-021444-002	902	992-00-292	121	1001-06	123A
951DC	9951	977-23B	116	991-01-1306	128	991-021450	184	992-00-2271	130	1001-07	195A
951PC	9951	977-24B	166	991-01-1312	123A	991-021450-001	184	992-00-2298	123A	1001-08	237
952-2	287	977-25B	116	991-01-1314	128	991-021450-002	184	992-003139	130	1001-09	130
953-1(SYL)	198	977-27B	116	991-01-1315	129	991-021451	185	992-003139	130	1001-0478	605A
955-1	160	977-28B	116	991-01-1316	107	991-021451-001	185	992-003139A	130	1001-5	5642
955-1(SYL)	519	977-31	521	991-01-1317	123A	991-021451-002	185	992-003144	123A	1001-6	5642
955-2	160	977-32	521	991-01-1318	123A	991-021494	152	992-003172	384	1001-10	109
955-3	160	977-33	521	991-01-1319	159	991-022215	74164	992-00-3172	124	1001-11	116
956-1(SYL)	580	977-34	523/3306	991-01-1705	123A	991-022786	998	992-003091	130	1001-12	139A
957-7656-0	5400	977-34-01	523/3306	991-01-1706	312	991-022787	7416	992-004091	130	1001-13	601
958-023	159	977-35	523/3306	991-01-2328	159	991-022788	7416	992-004091-000	130	1001-25(Lafayette)	703
959-1(SYL)	5400	977-35-02	526A	991-01-2686	129	991-022789	7493A	992-004092	384	1001-5600	605A
961DC	9961	977-35-03	526A	991-01-3044	123A	991-022791	955M	992-004092	130	1001-5659	109
961PC	9961	977-36	526A	991-01-3055	312	991-022792	941M	992-004092-000	175	1001-5667	116
962-1(SYL-Diode)	109	977-37	526A	991-01-3056	123A	991-022793	997	992-008870	121	1001-5683	116
962DC	9962	977-38	522	991-01-3057	123A	991-022796	74153	992-008870	179	1001-5717	123A
962PC	9962	977-40	530	991-01-3058	159	991-022982	960	992-008890	179	1001-5766	159
963DC	9963	977-41	528	991-01-3063	130	991-024103	987	992-008890	121	1001-5816	152
963PC	9963	977-42	528	991-01-3068	123A	991-024108	2041B	992-008890L	179	1001-5824	153
964-1(RCA)	350	977-43	559	991-01-3170	196	991-024149-104	966	992-01(Zenith)	291	1001-5832	89
964-2(RCA)	350	977-45	561	991-01-3543	172A	991-024253	994M	992-01-1216	121	1001-5840	199
964-3(RCA)	350	977-47	560	991-01-3544	123A	991-024542	992	992-01-1218	121	1001-5865	123AP
964-4(RCA)	350	977-48	560	991-01-3599	159	991-024593	74C00	992-01-1317	130	1001-5915	123AP
964-2073B	123A	977-52	521	991-01-3683	123A	991-024595	74C154	992-01-3684	154	1001-5949	85
964-2209	172A	977-55(SYL-IC)	1568	991-01-3740	196	991-024595	74C154	992-01-3705	175	1001-5956	1522
964-16598	126A	977-21B	186	991-01-5000	197	991-025224	74C73	992-01-3738	123A	1001-5972	712
964-16599	104	977-64-197	197	991-01-5001	196	991-025225	74C04	992-02271	130	1001-6657	159
964-17142	102	977A1-6-1	105	991-01-5062	197	991-025226	74C164	992-02271	130	1001-6699	5801
964-17443	116	977B1-6-2	121MP	991-01-5063	196	991-025226	778A	992-010404	128	1001-6731	552
964-17444	123A	977C1-6-3	121MP	991-01-5068	159	991-025267	948	992-011216	121	1001-6806	519
964-17887	104	977-2500A	500A	991-01-0461	172A	991-025515	4011B	992-011218	121	1001-6863	5014A
964-17945	121	977-2501B	501B	991-01-0462	289A	991-025515-001	4011B	992-011317	152	1001-6939	399
964-19862, 103A + 102A(CP)		977-29521	521	991-011217	123A	991-025515-002	4011B	992-013684	128	1001-6947	123AP
964-19862A	102A	977-29522	522	991-011218	123A	991-025517	4081B	992-013705	384	1001-6962	159
964-19863	102A	977-29523	523/3306	991-011219	123A	991-025517	4081B	992-013738	199	1001-7044	123AP
964-19864	102A	977-29524	526A	991-011221	102A	991-025535	289A	992-016669	219	1001-7069	123AP
964-19865	116	977-29528	528	991-011222	102A	991-025536	74C02	992-017169	130	1001-7077	123AP
964-20738	123A	977-29529	529	991-011223	102A	991-025576	40106B	992-020054	243	1001-7085	288
964-20739	126	977-29530	530	991-011224	102A	991-026005	4030B	992-020432	130	1001-7119	379
964-21866	119	977-29531	531	991-011225	159	991-026006	4520B	992-021409	280	1001-7135	123AP
964-22008	129	977-29532	532	991-011305	128	991-026022	4027B	992-022201	384	1001-7150	1186
964-22009	172A	977-29533	533	991-011306	123A	991-026022-001	4027B	992-022773	153	1001-7168	1187
964-22158	128	977-29534	534	991-011312	123A	991-026023	4028B	992-024149-001	960	1001-7663	102
964-24387	128	977-29535	535	991-011313	123A	991-026024	4029B	992-024149-002	309K	1001-9552	177
964-24584	123A	977-29536	536	991-011314	128	991-026025	4001B	992-024149-003	962	1001-9602	109
964-25046	128	977-29537	537	991-011315	129	991-026054	199	992-024149-005	964	1001-9610	116
964-27986	210	977-29537	537	991-011316	123A	991-026315	289A	992-024149-007	966	1001-9628	399
964-174443	116	977-29538	538	991-011318	123A	991-026315-001	289A	992-024149-008	933	1001-9644	85
965-1A6-5	160	977-29539	539	991-011319	159	991-026603	4006B	992-024149-009	968	1001-9651	375
965-2A6-1	103A	977-29540	549	991-011576	312	991-026604	74C08	992-024149-011	958	1001-9677	1186
965-4A6-2	101	977-29550	550	991-011705	289A	991-026605	4023B	992-024149-013	972	1001-9685	1187
965A16-3	160	977-29554	554S	991-011706	312	991-026606	4075B	992-024185	130	1001-9693	712
965B16-2	126A	978-1923	129	991-012328	159	991-026607	74C174	992-026039-2	243	1001-9727	1550
965C-16-4	121	978-1(RCA)	161	991-012396	123A	991-026609	4015B	992-026040	244	1001-9735	615A
965T-1	102	978-2	108	991-012637	102A	991-026613	4085B	992-1A6-1	105	1001-9958	229
966-02	291	978-2(RCA)	108	991-012686	123AP	991-026614	4086B	992-10	116	1001-9965	123AP
966-1A6-3	102A	984A-1-6B	121	991-013044	289A	991-026615	4017B	992-531-01	166	1001-9974	123AP
966-2A6-4	102A	985-50	9401	991-013056	289A	991-026616	4514B				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1009-17	123A	1020-17	123A	1029-LM	5181A	1035-80	199	1043-0615	123A	1057-1	182	1064(G.E.)	712
1009-127	312	1020-25	1075A	1029-LN	5282A	1036	158	1043-10	177	1057-1(Fisher)	182	1064-5	247
1009-8403	375	1020H	116	1029-LP	5198A	1036(Zenith)	298	1043-163	123AP	1057-3	182	1064-5(Fisher)	247
1010	140A	1021-17	102	1029-LS	5276A	1036-1(Fisher)	183	1043-164	123AP	1057-3(Fisher)	182	1064-6	247
1010(Diode)	177	1021-25	1100	1029-LT		1036-2(Fisher)	183	1043-1195	222	1057-4	182	1064-6(Fisher)	247
1010(GE)	233	1022-0811	5007A	1029-LU	284	1036-20	121	1043-1229	289A	1057-4(Fisher)	182	1064-7	247
1010(Zener)	140	1022-1876	5016A	1029-LW	219	1037	123AP	1043-1260	289A	1057-17	102A	1064-7(Fisher)	247
1010(20A90)	110MP	1022-5548	116	1029-MA	5550	1037(Fisher)	123AP	1043-1278	129	1057-2071	199	1064-9	247
1010(Juliette)	116	1023	102	1029-MB		1037-0575	42	1043-1286	152	1058(Zenith)	171	1064-9(Fisher)	247
1010-14	195A	1023-G	123A	1029-ME	552	1037-1(Fisher)	182	1043-1294	153	1058-5(Fisher)	182	1064-4417	175
1010-17	191	1023G(GE)	123A	1029-MG	5215A	1037-3(Fisher)	182	1043-1301	185	1058-2419	109	1064-6032	130
1010-17(R.F.)	195A	1023G(Trans)	290A	1029-MK	5042A	1037-65	199	1043-1302	184	1058-3227	50	1064-6461	85
1010-78	160	1024	116	1029-MN	128	1037-7174	1557	1043-1310	185	1058-3664	49	1064M(Zenith)	159
1010-87	160	1024-17	104	1029-MP	137A	1038(G.E.)	128	1043-1328	184	1059-5	196	1065	287
1010-89	126A	1024G(GE)	123A	1029-NB	5801	1038-1	123A	1043-1336	185	1059-5(Fisher)	196	1065(GE)	748A
1010-143	177	1025-2712	712	1029-NE	5820	1038-1-10	123A	1043-1344	722	1059-2848	506	1065(G.E.)	748A
1010-145	109	1025-4712	712	1029-NK	5188A	1038-6	123A	1043-1534	142A	1059-7805	601	1065(Fisher)	287
1010-3417	552	1025G(GE)	199	1029-NL	5220A	1038-6CL	123A	1043-1583	605A	1059-7961	125	1065-25	1167
1010-7738	159	1025H	1160	1029-NN	5088A	1038-8	123A	1043-1670(BCE)	85	1059-9140	5074A	1065-2055	1173
1010-7928	123A	1025H(IC)	1160	1029-NT	219	1038-10	123A	1043-1725	1576	1059M(Zenith)	159	1065-4861	7400
1010-7936	196	1026	319P	1029-NW	130	1038-15	123A	1043-7309	124	1060	116	1065-6775	140A
1010-7951	375	1026(Fisher)	319P	1029-NY	82	1038-15CL	123A	1043-7358	198	1060-17	102A	1065-9928	116
1010-7985	165	1026(GE)	229	1029-PB	369	1038-18	123A	1043-7374	159	1060-3553	177	1065-9936	198
1010-7993	128	1026G	123A	1029-PE	129	1038-18CL	123A	1043-7382	116	1060-6564	294	1065-9944	175
1010-8009	290A	1026G(GE)	123A	1029-PF	3043	1038-21	123A	1044	116	1060-9428	287	1066(TRANS)	159
1010-8025	165	1027	146A	1029-PG	130	1038-23	123A	1044-0295	159	1060-9543	613	1067	154
1010-8033	290A	1027(Fisher)	229	1029-PH	129	1038-23CL	123A	1044-3983	177	1060-9568	142A	1067(GE)	154
1010-8041	128	1027(G.E.)	108	1029-PI	327	1038-24	123A	1044-6888	159	1060-9592	804	1068-17	237
1010-8066	233	1027G	128	1029-PJ	3043	1038-1697	116	1044-6983	984	1060-9600	229	1068-17A	224
1010-8082	123A	1027G(GE)	128	1029-PK	130	1038-1721	116	1044-7043	1174	1060-9618	229	1069(GE)	152
1010-8090	123A	1028(G.E.)	123A	1029-PL	130	1038-1788	506	1044-7049	1174	1060-9626	233	1070	125
1010-8116	506	1028-01(Zenith)	51	1029-PM	137A	1038-1804	1046	1044-8926	182	1060-9634	229	1070(Zenith)	51
1010-8132	5080A	1028-3984	177	1029-PN	137A	1038-1853	199	1044-8934	177	1060-9642	233	1070-0623	125
1010-8165	177	1028-6680	611	1029-PP	123AP	1038-1861	199	1044-8934	177	1061-4667	109	1070-0631	198
1010-8173	110MP	1028-6755	116	1029-PQ	159	1038-1922	290A	1044-9205	175	1061-6274	238	1070-4781	533
1010-8355	177	1028G	123A	1029-PY	159	1039-0060	290A	1044-9544	128	1061-6282	162	1070-5481	147A
1010-8478	513	1028G(GE)	123A	1029-RG	5463	1039-01	123A	1045	182	1061-6290	506	1070-8576	107
1010-8485	116	1028(G.E.)	123A	1029-RT	123A	1039-0433	198A	1045(Fisher)	182	1061-8312	159	1071(GE)	153
1010-8486	116	1029-02(Zenith)	165	1029-RU	5008A	1039-0441	289A	1045-0534	555	1061-8320	290A	1071-0788	107
1010-9494	552	1029-BP	179	1029-RV	311	1039-0458	297	1045-0534	116	1061-8338	196	1071-3642	130
1010-9932	738	1029-CH	5200A	1029-SL	552	1039-0482	107	1045-1722	107	1061-8346	198	1071-4913	289A
1010-9940	712	1029-CK	179	1029-SN	125	1039-0516	198	1045-2761	712	1061-8353	198	1072	193
1010-9965	783	1029-DL	5194A	1029-TC	5015A	1039-0888	95	1045-2761	123AP	1061-8361	125	1072-1(Zenith)	291
1010-9973	713	1029-DM	5187A	1029-TE	5005A	1039-0961	128	1045-3082	128	1061-8379	116	1072-4(RCA)	177
1010A	519	1029-EA	5198A	1029-WC	5069A	1039-1290	238	1045-3579	159	1061-8387	506	1072-25	1192
1011	109	1029-EM	179	1029-WE	123AP	1039-9772	85	1045-4445	506	1061-8668	198	1072-8491	297
1011(VO-6C)	116	1029-EP	5019A	1029-WG	159	1040(Fisher)	123AP	1045-4676	159	1061-8807	290A	1072K(GE)	193
1011-01	195A	1029-ES	5087A	1029-WH	524V25	1040(Zenith)	123AP	1045-4676	177	1061-8908	198	1073	163A
1011-02	5071A	1029-EY	101	1029-WI	377	1040-01	123A	1045-7737	116	1061-8916	116	1073(Fisher)	229
1011-0302	519	1029-FJ	5874	1029-WJ	5010A	1040-02	175	1045-7802	177	1061-8924	116	1073-1073	552
1011-11	191	1029-FE	5005A	1029-WK	285	1040-03	123A	1045-7828	152	1061-9068	159	1073-3681	552
1011-11(R.F.)	108	1029-FF	103A	1029-WL	5007A	1040-04	123A	1045-7836	153	1061-9153	1128	1073-6486	290A
1011-11(Focus)	118	1029-FG	213	1029-WM	159	1040-05	237	1045-7843	130	1061-9161	1134	1073-7104	221
1011-2351	177	1029-FH	5010A	1029-WN	5010A	1040-06	177	1045-7851	130	1061-9226	1200	1073-AC	923
1011M57P01	129	1029-FI	5874	1030	159	1040-07	177	1045-9915(Audio)	85	1061-9666	1130	1073-CC	7447
1011M62P01	129	1029-FJ	5874	1030(G.E.)	165	1040-08	109	1045-9915(RF)	69	1061-9856	1133	1073-CG	7493A
1012(GE)	159	1029-FM	5031A	1030-1	159	1040-09	140A	1047-25	1052	1062-0615	108	1073-CP	74180
1012(Diode)	116	1029-FN	5194A	1030-1(Fisher)	159	1040-09(ZENER)	140A	1047-25	1052	1062-0615	108	1073-CT	941
1012(C)	1003	1029-FS	5192A	1030-2	159	1040-10	123A	1047-7115	159	1062-0615	108	1073-ED	922
1012(G.E.)	159	1029-FT	5203A	1030-2(Fisher)	159	1040-11	116	1048-6421	177	1062-0615	108	1073-EC	924
1012(IC)	1003	1029G	123A	1030-17	109	1040-12	116	1048-7361	399	1062-0615	108	1073-EH	75188
1012-17	109	1029G(GE)	123A	1030-21	199	1040-13	123A	1048-7361	399	1062-0615	108	1073-EM	910D
1012-17(Power)	5874	1029-GA	142A	1030-25	7473	1040-14	160	1048-7361	399	1062-0615	108	1073-EY	754538
1013	109	1029-GB	6400B	1031-1	123AP	1040-15	103A	1048-7361	399	1062-0615	108	1073-FA	74128
1013(E.F. Johnson)	159	1029-GC	5021A	1031-1(Fisher)	123AP	1040-16	116	1048-7361	399	1062-0615	108	1073-FL	7427
1013(GE)	159	1029-GE	128	1031-2	123AP	1040-17	116	1048-7361	399	1062-0615	108	1073-FN	74193
1013-15	229	1029-GG	5183A	1031-2(Fisher)	123AP	1040-18	109	1048-7361	399	1062-0615	108	1073-FP	9190
1013-16	102A	1029-GH	5025A	1031-17	156	1040-19	116	1048-7361	399	1062-0615	108	1073-FQ	956
1014	123AP	1029-GI	147A	1031-25	7401	1040-20	116	1048-7361	399	1062-0615	108	1073-FW	74125
1014(Diode)	116	1029-GJ	139A	1031H	1245	1040-21	116	1048-7361	399	1062-0615	108	1073-FY	7409
1014(E.F. Johnson)	102A	1029-GK	147A	1032	102	1040-22	116	1048-7361	399	1062-0615	108	1073-G	923D
1014(Fisher)	123AP	1029-GL	139A	1032-1(Fisher)	129	1040-23	116	1048-7361	399	1062-0615	108	1074	163A
1014(Transistor)	102A	1029-GM	5009A	1032-2(Fisher)	129	1040-24	116	1048-7361	399	1062-0615	108	1074(GE)	163A
1014-25	703	1029-HA	5013A	1032-3(Fisher)	129	1040-25	116	1048-7361	399	1062-0615	108	1074(GE)	165
1015	145A	1029-HB	5014A	1032-4(Fisher)	129	1040-26	116	1048-7361	399	1062-0615	108	1074(Fisher)	229
1015(Fisher)	123AP	1029-HC	5018A	1032-5(Fisher)	129	1040-27	116	1048-7361	399	1062-0615	108	1074-03	199
1015(Transistor)	159	1029-HD	5024A	1032-25	1141	1040-28	1016	1048-7361	399	1062-0615	108	1074-24	109
1015-2	123AP	1029-HE	5071A	1032-3467	601	1040-29	116	1048-7361	399	1062-0615	108	1074-115	199
1015-2(Fisher)	123AP	1029-HF	5079A	1032-3475	601	1040-30	103A	1048-7361	399	1062-0615	108	1074-116	186A
1015-15	229	1029-HG	5281A	1032-3483	601	1040-31	116	1048-7361	399				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1077-25	1249	1081-4002	159	1099-0950	128	1116-4027	123AP	1135-1(RCA)	130	1149-2501	389	1176-7274	1236
1077-2093	116	1081-401	159	1099-1214	331	1116-4072	123AP	1135-2	181	1149-2527	109	1176-8819	801
1077-2234	312	1081-4739	903	1099-2972	116	1116-4084	159	1135-3646	159	1149-2535	519	1176-8827	290A
1077-2242	225	1081-7104	390	1099-6270	123AP	1116-4092	159	1135-7076	123AP	1149-2543	116	1177-1144	1440
1077-2259	199	1081-8581	159	1099-6346	5134A	1116-4126	159	1135-8074	147A	1149-2576	519	1177-1151	1410
1077-2267	199	1081-9464	123A	1099-6502	5116A	1116-4365	177	1135-9064	5131A	1149-4332	85	1177-1169	1417
1077-2275	234	1081-AE	74LS139	1099-6510	5142A	1116-5016	159	1135-9254	389	1149-4374(ECB)	288	1177-1177	399
1077-2283	294	1081-AE	74LS158	1099-6536	850	1116-5527	130	1136(GE)	783	1149-4390	85	1177-1185	389
1077-2291	293	1081-AG	74LS197	1099-6544	2024	1116-6535	128	1136-3(RCA)	172A	1149-4408	399	1177-1193	157#
1077-2309	293	1081-AT	74LS161A	1099-6791	5020A	1116-6691	1187	1136-7760(BCE)	199	1149-4424	184	1177-1201	375
1077-2317	293	1081-BD	74LS258	1099-6981	558	1116-7004	159	1136-GREEN	783	1149-6729	712	1177-1219	552
1077-2325	109	1081-BE	74LS283	1099-7567	109	1117-1	124	1137(GE)	713	1150(GE)	5457	1177-1227	552
1077-2333	613	1081-BG	74LS367	1099-9050	107	1117-1(RCA)	124	1137-3115	294	1150-7746	85	1177-1235	552
1077-2341	177	1081-BH	74LS670	1099-9100	186A	1117-76	116	1137-7058	5016A	1150-7753	189	1177-1243	177
1077-2358	605A	1081-BK	74LS157	1099-9175	375	1117-1857	123AP	1138	116	1150-8504	199	1177-1250	5012A
1077-2366	116	1081-BL	74LS365A	1099-9183	198	1117-4422	123AP	1138(GE)	728	1151(GE)	749	1177-1268	146A
1077-2374	5402	1081-BP	74LS20	1099-9217	123AP	1117-5353	399	1138-0789	852	1151BLUE(GE)	749	1177-1276	5021A
1077-2382	1003	1081-BS	74LS111	1100(GE)	187	1118	5027A	1138-0979	1413	1151BLUE(G.E.)	749	1177-1284	5025A
1077-2390	1006	1081-BT	74LS38	1100-75	195A	1118-1	161	1138-3650	109	1152(GE)	749	1177-1292	5465
1077-2408	1052	1081-BW	74LS30	1100-1179	123AP	1118-2	161	1138-4757	162	1152BLUE(GE)	749	1177-3819	1537
1077-2760	109	1081-BY	74LS240	1100-3951	85	1118-3	161	1138-9467	290A	1152BLUE(GE)	749	1177-3827	1563
1077-3760	319	1081-CA	74LS244	1100-3985	165	1118-4	161	1138-9640	152	1153(GE)	783	1177-3835	801
1077-3786	312	1081-CC	74LS27	1100-9446	107	1118-17	109	1138-9657	552	1153-0441	177	1177-4111	1170
1077-3794	229	1081-CD	74LS37	1100-9453	107	1118-20	116	1138RED(GE)	783	1156(GE)	783	1178(GE)	712
1077-3802	229	1081-CE	74LS85	1100-9461	123AP	1119(GE)	171	1139-1	160	1154(GE)	783	1178-3453	102
1077-3810	199	1081-CF	74LS93	1109-9479	123AP	1119-17	109	1139-17	116	1154-5613(ECB)	159	1178-3842	198
1077-3828	293	1081-CG	74LS112A	1100-9487	519	1119-54	160	1140-1	184	1154-6199	85	1178-3859	123AP
1077-3836	116	1081-CH	74LS123	1101	5063A	1119-55	160	1140-17	102A	1154-6561	5026A	1178-3909	399
1077-3844	1218	1081-CJ	74LS126	1101-1640	332	1119-56	160	1140-2302	118	1154-6579	375	1178-7454	1545
1077-9270	611	1081-CK	74LS164	1101-8181	124	1119-57	102A	1140-2328	123AP	1154-6587	290A	1178-7462	1547
1077-9288	109	1081-CM	74LS191	1101-9072	5527	1119-58	103A	1140-2864	123AP	1154-7072	57	1178-7470	159
1077-9296	109	1081-CP	74LS273	1102	134A	1119-59	102A	1140-2898	5026A	1154-7680	5068A	1178-7483	159
1079(GE)	783	1081-CT	74LS374	1102(Zener)	5005A	1119-628	181	1140-2906	519	1155-GREEN	783	1178-7496	198
1079-01	177	1081-CU	74LS305	1102-17	158	1119-6132	123A	1140-2906	519	1155-1934	230	1178-7512	123AP
1079-85	159	1081-CW	74LS14	1102-17A	102A	1119-9254	107	1140-3193	123AP	1155-5570	1226	1178-7520	123AP
1079-89	177	1081-CY	74LS221	1102-63	101	1120	5029A	1140-3219	291	1155-5596	85	1178-7538	375
1079-5102	222	1081-DA	74LS125A	1102-6853	552	1120-7	123AP	1140-3383	159	1155-5612	109	1178-7553	398
1079-5110	107	1081-DB	74LS242	1102-6861	187A	1120-7(RCA)	123AP	1140-3391	540A	1155-5620	519	1178-7561	194
1079-AE	4001B	1081-DC	74LS242	1102-9568	613	1120-8	123AP	1140-3405	145A	1155-5638	5019A	1178-7563	86
1079-AF	4002B	1081-DD	74LS368	1103	134A	1120-8(RCA)	123AP	1140-3417	552	1155-5650	290A	1178-7579	89
1079-AG	4007	1081-DE	74LS280	1103-88	116	1120-14	123AP	1140-4118	1437	1155-8228	107	1178-7587	89
1079-AH	4011B	1081-DE	74LS241	1103-3669	615A	1120-14(RCA)	123AP	1140-4126	136A	1156	114	1178-7603	116
1079-AK	4013B	1081-DG	74LS279	1103-3727	519	1120-15	123AP	1140-4233	319P	1156(GE)	513	1178-7611	177
1079-AL	4016B	1081-DH	74LS155	1103-7751	1196	1120-15(RCA)	123AP	1140-4233	319P	1156-1644	177	1178-7637	552
1079-AM	4017B	1081-DJ	74LS21	1104	5009A	1120-17	177	1140-4233	319P	1156-2022	1703	1178-7645	552
1079-AN	4022B	1081-DM	74LS253	1104-94	102A	1120-18	116	1140-4763(HORZ)	552	1156H	1194	1178-7652	125
1079-AP	4023B	1081-DN	74LS160A	1104-95	103A	1120-6364	157#	1141-1	165	1157	128	1178-7660	552
1079-AR	4028B	1081K94-6	941	1104-96	116	1121-17	116	1141-3119	123A	1157(GE)	194	1178-7678	552
1079-AS	4042B	1081K94-7	909	1104-96	116	1121-17	116	1143-0485	1701	1157-2096	199	1178-7686	5013A
1079-AT	4049	1081K94-9	941	1104-5960	399	1122-6	123AP	1143-0493	1702	1157-2104	107	1178-7694	5013A
1079-AU	4050B	1082-0124	552	1105-15	121	1122-6(RCA)	123AP	1143-0519	1314	1157-4712	107	1179(GE)	712
1079-AY	4528B	1082-1043	123AP	1105-2750	116	1122-7	123AP	1143-0584	4027B	1157-4738	2061B	1179-0334	5529
1079-BA	4006B	1082-1817	289A	1105-3063	399	1122-7(RCA)	123AP	1143-1046	519	1157-4746	109	1179-1308	187A
1079-BB	8080A	1082-2211	552	1105-4558	85	1122-9	26A	1144-3876	290A	1157-4753	109	1179-1324	331
1079-BJ	4585B	1082-2393	743	1106	5014A	1122-2401	123AP	1144-9261	152	1157-4761	177	1179-1332	379
1079-BK	4070B	1082-4803	537	1106-29	116	1122-2437	129	1145	100	1157-4779	612	1179-1340	116
1079-BL	4555B	1082-6717	116	1106-36	116	1122-2663	1465	1145-17	102A	1157-4787	116	1179-1357	506
1079-BN	4021B	1082-6915	142A	1106-97	108	1122-6863	116	1145-2685	5021A	1157-4795	519	1179-1365	125
1079-BT	4516B	1082-9208	112	1106-99	128	1123-1	123A	1145-2703	123AP	1157-4829	129P	1179-2306	6402
1079-BU	4020B	1082-9240	553	1107	5015A	1123-3(RCA)	128	1145-2711	319P	1157-4837	123AP	1180-0182	102
1079-BW	4024B	1084	125	1108	5016A	1123-4(RCA)	128	1145-2729	210	1157-4845	123AP	1180-1859	519
1079-CE	4502B	1084(GE)	522	1108-73	116	1123-55	155	1145-2745	159	1157-4852	123AP	1180-1867	290A
1079-CJ	4043B	1084(Zenith)	123AP	1109	5018A	1123-56	108	1145-2752	123AP	1157-4878(EBC)	199	1180-1875	116
1079-CM	4015B	1084-9784	159	1109(GE)	5019A	1123-57	108	1145-2778	152	1157-4886	108	1180-1909	552
1079-CN	4543B	1085(GE)	522	1110	5019A	1123-58	108	1145-2778	152	1160-7009	5013A	1180-1917	398
1079-DB	4001B	1085-8967	108	1110-86	116	1123-59	108	1145-2786	1545	1161-7719	123AP	1180-1925	89
1079-DC	4011B	1085-8975	108	1111	5020A	1123-60	123A	1145-2794	844	1163-4110	5018A	1180-1933	5010A
1079-DD	4049	1085-9023	116	1111(GE)	152	1123-61	123A	1145-3156	123AP	1163-4268	1226	1180-1941	165
1079-DE	4050B	1086(GE)	522	1111-17	160	1123-3335	175	1145-3164	159	1163-4276	1170	1180-1958	85
1079-DF	4002B	1086-1227	616	1111-18	128	1124	121	1145-3370	125	1163-9507	211	1180-1982	290A
1079-DG	4012B	1086-1284	222	1111-504-08000	HiDiv-1	1124-0017	135A	1145-4188	616	1164(GE)	712	1180-1990	52
1079-DH	4023B	1086-1631	985B	1111P	1002	1124-0239	123A	1145-4188	616	1164B	6026	1180-2006	85
1079-DJ	4028B	1086-3934	108	1112	5021A	1145-4741	824	1145-4741	824	1164D	6034	1180-2022	289A
1079-DS	4066B	1086-3967	123AP	1112-3(RCA)	159	1145-4793	121	1145-O(Trans)	32	1164F	6040	1180-2030	5036A
1079GREEN	783	1086-4031	610	1112-7	159	1146	104	1146	100	1164H	6042	1180-2048	5014A
1080	125	1086-4080	519	1112-7(RCA)	159	1125(GE)	186	1146-0888	519	1164K	6044	1180-2055	1573
1080-01	229	1087-01	299	1112-8	159	1125-3(RCA)	179	1146-0896	612	1165	712	1180-2089	1576
1080-03	123A	1087-02	123A	1112-8(RCA)	159	1125-2582	159	1146-0896	612	1166(GE)	124	1180-2634	1758

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1183-3266	5021A	1201-8156	288	1230G	123A	1307H	722	1412	123A	1461(GE)	7493A	1502D	233
1183-3274	558	1201-8180	194	1232-7300	1373	1308	5122A	1412-1	123A	1461E	3070	1502E(BC)	229
1183-3282	558	1201-8248	5051A	1232-7409	198	1309	5124A	1412-1-12	123A	1462	74123	1505-8850	124
1183-3290	552	1202(Dig. Trans.)	235	1232-7573	1678	1310	5125A	1412-1-12-8	123A	1463	123A	1507-7183	175
1183-3308	5317	1203	5240A	1232-7805	5314	1311	5126A	1412-161	5962	1464E	3071	1510	5184AK
1183-3314	552	1203(Dig. Trans.)	2357	1232-7946	165	1312	5127A	1412-165	5962	1465	123A	1510-2718	102
1183-3316	552	1203(GE)	123A	1234-1674	1677	1312(Transistor)	123A	1412-166	5963	1465-1	160	1512	109
1183-3458	518	1203-165	123A	1234-5864	85	1313	5129A	1412-170	116	1465-1-12	160	1514-038984	5802
1183-3548	519	1203-7382	109	1234-5898	295	1314	159	1412-171	5562	1465-1-12-8	160	1515(PNP)	101
1183-8216	5027A	1203-7370	116	1234-5898	116	1314(GE)	159	1412-177	5452	1465-2	103A	1515(NPN)	199
1184-5526	1718	1203-7388	5804	1234-5906	552	1315	123A	1412-178	5400	1465-2-12	103A	1519	154
1184-8108	1416	1203-7396	580	1234-5914	5029A	1316	123A	1412-182	5802	1465-2-12-8	103A	1521B	218
1184-8728	1550	1203-7412	229	1234-5948	1677	1316-17	102A	1412-189	5802	1465-4	101	1522	790
1184-9054	5021A	1203-7420	399	1234-5955	40174B	1317-17	102A	1412-190	5802(4)	1465-4-12	101	1524	123
1184-9064	5021A	1203-7438	123AP	1235-2126	46	1320	102	1412-191	116	1465-4-12-8	101	1526	160
1184-9098	116	1203-7446	290A	1236-3750	159	1321	165	1413	123A	1465A	160	1527-5282	9932
1184-9140	129	1203-7453	85	1236-3776	123A	1321-4051	5995	1413-159	213	1465A-12	160	1527-5308	9945
1184(GE)	159	1203-7461	159	1237-7473	125	1321-7724	102	1413-160	102	1465A-12-8	160	1534-8931	175
1185-0161	1711	1203-7479	398	1238-8730	230A	1321-7732	102	1413-168	179	1465B	126A	1539(GE)	840
1186(GE)	159	1203-7495	85	1238-8748	552	1324	291	1413-172	179	1465B-12	126A	1540	123A
1186-5573	552	1204	5242A	1238-9755	5010A(4)	1326PC	739	1413-175	102	1465B-12-8	102A	1540(GE)	7475
1186-5581	5031A	1204(GE)	128	1238-9763	290A	1329	102	1413-178	121	1465C	121	1542	74145
1186-5672	1618	1204(Dig. Trans.)	2359	1239-7771	398	1330	102	1414	199	1465C-12	121	1543-00	519
1186-5888	1483	1204-0010	290A	1239-7774	159	1330	196	1414-150	466	1465C-12-8	121	1548-17	175
1186-5912	1664	1204-0028	283	1239-7845	116	1339(GE)	181	1414-156	293	1466-1	102A	1550	109
1186-5953	5402	1205	116	1239-7850	519	1340	100	1414-157	128	1466-1-12	102A	1550-17	143A
1186-5987	157	1205(GE)	123A	1239-7866	4066B	1341	234	1414-158	159	1466-1-12-8	102A	1553-17	159
1186-5995	157	1205-7790	5021A	1239-7774	398	1342	102	1414-158(Rogers)	159	1466-2	102A	1556W	5010T1
1187	128	1205-7816	399	1239-7782	290A	1344-3767	187	1414-162	159	1466-2-12	102A	1559	5635
1187(GE)	192	1205-7832	1545	1239-7824	552	1344-7321	102	1414-166	123AP	1466-2-12-8	102A	1559-17	121
1190	165	1205-7840	399	1239-7572	175	1345(GE)	186	1414-167	289A	1466-3	102A	1559-17A	121
1191-7840	376	1205-7845	290A	1240-3432	40106B	1347	739	1414-169	123AP	1466-3-12	102A	1561-0408	181
1191-7860	108	1205-7873	24	1240-3440	398	1347-17	102A	1414-172	289A	1466-3-12-8	102A	1561-0410	181
1192	102	1205-7899	399	1240-3457	4017B	1348	739	1414-173	123AP	1471-4356	9936	1561-0608	181
1192(GE)	712	1205-7923	552	1241-719	126A	1348A12H01	7417	1414-174	289A	1471-4364	9946	1561-0610	181
1192-7837	605A	1206	5247A	1241A	102	1348A14H01	7476	1414-175 (T0-18 CASE)	289A	1471-4372	9962	1561-0615	181
1192-7845	109	1206(GE)	123A	1246U(Trans)	290A	1348A30H01	9930	1414-176	102A	1471-4380	9930	1561-0808	181
1192-7852	1522	1206-17	110MP	1246U(Trans)	290A	1348A32H01	9932	1414-179	251	1471-4388	9944	1561-0810	181
1192-7860	198	1207	5248A	1248	102A	1348A36H01	9936	1414-181	130	1471-4406	910	1561-0815	181
1192-7886	152	1207(GE)	128	1251-1-1	222	1348A44H01	9944	1414-181	130	1471-4414	726	1561-17	121
1192-9288	198	1207-1(RCA)	177	1254(GE)	159	1348A45H01	9945	1414-183	289A	1471-4729	5995	1561-1008	181
1193(GE)	712	1207-17	109	1255-2626	5021A	1348A46H01	9946	1414-184	128	1471-4778	123A	1561-1010	181
1195-2679	5014A	1207-4543	552	1258	312	1348A48H01	9948	1414-185	129	1471-4802	130	1561-1015	181
1195-4455	580	1207-4707	4027B	1259-4917	1576	1349-17	103A	1414-186	128	1471-9860	9936	1562	116
1195-6372	5012A	1207-4758	293	1259-5005	4030B	1350	100	1414-187	129	1471R	3068	1567	123A
1195-6380	519	1207-6543	552	1259-5047	2302	1351	738	1414-188	181	1472 8349	199	1567(Scott)	373
1195-6398	519	1207-6600	519	1259-5054	5011A	1351G	3054	1414-189	128	1473	159	1567-0	123A
1195-6406	552	1207-6634	116	1259-5062	5013A	1352G	3063	1414-192	128	1473-2	123AP	1567-2	123A
1195-6414	552	1207-6667	552	1259-5070	519	1353G	388	1414-193	100	1473-2-255	128	1572	1196
1195-6422	552	1207-6691	5010A	1259-5096	5010A	1353C	1245	1414-195	285	1474-3	100	1573-00	128
1195-6430	5020A	1207-6725	375	1259-5104	5019A	1354G	3059	1414-195	285	1474-3-12	100	1573-01	128
1195-6448	605A	1207-6758	293	1259-5138	5011A	1358-0000-810	168	1414A	121	1474-3-12-8	100	1573PQ	287
1195-6455	580	1207-6782	373	1259-5146	580	1358GE	168	1414A-12	121	1474-3-376	911	1574-01	234
1195-6471	5092A	1207-6873	1589	1259-6516	1140*	1360	102	1414A-12-8	121	1476-17	3069	1582	159
1195-6497	399	1207-6907	4027B	1259-6524	1728	1361E	3053	1415	123A	1476-17	102A	1583	116
1195-6505	85	1207-6931	4053B	1259-6532	1569	1362-17	102A	1415-050	6508	1476-17-6	102A	1583(SAVILLE)	116
1195-6513	375	1207-6964	374	1259-6565	85	1362-17A	102A	1415-075	937M	1476-118	128	1585H	107
1195-6521	198	1207-7673	293	1259-6581	157	1362E	3052	1415-075	937M	1477-3352	906	1601PDK60	6116
1195-6539	399	1208	5249A	1260	312	1364-17	102A	1415-102	992	1477-4356	904	1601PDK80	6118
1195-6547	1669	1208(GE)	123A	1263A	116	1364E	3058	1415-106	4013B	1477A	105	1601PDK100	6118
1195-6562	1550	1209	5251A	1264(GE)	713	1368C/D	123A	1415-108	834	1477A-12	105	1601PDK120	6118
1195-6570	1416	1209-0445	399	1266-0268	123AP	1369-5	815	1415-110	4071B	1477A-12-8	105	1602	290A
1195-6593	5018A	1209-3035	5020A	1266-2243	85	1370	172A	1415-111	4072B	1477B-12	121MP	1602D	159
1195-6901	157	1209-3043	552	1266-2250	186A	1371	513	1415-112	4075B	1477B-12-8	121MP	1602E(CEB)	159
1195-6943	165	1209-5873	399	1266-2268	123AP	1371-17	103A	1415-113	4081B	1477B-12-8	121MP	1607A80	7406
1195-6950	86	1209-7143	24	1266-2276	519	1371R	3052	1415-140	74C161	1477C	121MP	1609	165
1198(Harmon Kardon)	128	1210	5252A	1266-2292	375	1372R	3051	1415-141	74C161	1477C-12	121MP	1611-17	116
1198-4143	290A	1210-17	313	1266-2300	89	1373-17	233	1415-147	74C161	1477C-12-8	121MP	1612SK24E	312
1198-4176	399	1210-17B	123A	1266-2318	519	1373-17A	107	1415-148	4040B	1478-6982	9126	1615C	113A
1198-4200	399	1211	5253A	1266-2326	142A	1373-17AL	108	1415-149	4555B	1479-0224	9937	1615C	113A
1198-4291	289A	1212	5254A	1266-2334	5020A	1373R	3085	1415-151	7493A	1479-0240	74H00	1616C	114
1198-4325	399	1212-4	235	1266-2342	552	1374-17	289A	1415-151	7404	1479-0257	74H21	1617C	115
1198-4382	519	1212(Ross)	177	1266-2359	552	1374-17A	289A	1415-158	4049	1479-0263	74H20	1618	152
1198-7686	5013A	1213	5255A	1266-2367	552	1374-17AC	123A	1415-162	20415	1479-0273	74H04	1621-1413	9108
1198RS	234	1213-6446	177	1266-2375	552	1374R	3056	1415-164	978	1479-7971	74H04	1627-2064	9083
1199-7822	580	1214	159	1266-2391	116	1376	550	1415-178	4514B	1479-8011	923	1627 1843	177
1199-7830	5074A	1214-4	235	1266-2411	116	1376(GE)	550	1415-181	4015B	1479-8029	159	1628-1(RCA)	610
1199-7848	712	1214-4945	1545	1266-2447	1548*	1376-001	5697	1415-182	74C164	1479-8063	199	1631	123A
1199-7855	1471	1214-4952	290A	1266-2466									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1714-0402.....	175	1763-2(RCA-IC).....	923D	1820-0137.....	724	1820-0615.....	9931	1826-001(RCA).....	4052B	1850-0416.....	126A	1854-0094.....	123A
1714-0602.....	175	1763-1015.....	181	1820-0138.....	5874	1820-0618.....	7417	1826-0017.....	923	1850-0417.....	100	1854-0098.....	123A
1714-0805.....	175	1763-1020.....	181	1820-0141.....	74H08	1820-0619.....	74H22	1826-0029.....	708	1850-0418.....	100	1854-0099.....	123A
1714-0802.....	175	1763-1025.....	181	1820-0174.....	7404	1820-0620.....	74153	1826-0044.....	725	1850-0419.....	102	1854-0201.....	123A
1714-0805.....	175	1763-1215.....	181	1820-0175.....	7405	1820-0621.....	7438	1826-0049.....	923D	1850-0437.....	121	1854-0202.....	123A
1714-1002.....	175	1763-1220.....	181	1820-0192.....	901	1820-0628.....	7489	1826-0055.....	911D	1850-0438.....	160	1854-0203.....	123A
1714-1005.....	175	1763-1225.....	181	1820-0196.....	923	1820-0629.....	74S112	1826-0070.....	941D	1850-17.....	159	1854-0209.....	128
1716-2(RCA-IC).....	850	1763-1230.....	181	1820-0204.....	74H11	1820-0631.....	74H108	1826-0075.....	914	1850-1068.....	213	1854-0210.....	123A
1716-2(RCA).....	850	1763-1420.....	181	1820-0207.....	9601	1820-0640.....	74150	1826-0138.....	834	1850R.....	116(2)	1854-0211.....	123A
1718.....	612	1763-1425.....	181	1820-0216-1.....	941M	1820-0655.....	7425	1826-0166.....	910	1850R(ROLAND).....	116(2)	1854-0212.....	128
1719-1(RCA).....	2024	1764-1(RCA).....	912	1820-0217-1.....	941M	1820-0661.....	7432	1826-0346.....	928M	1851-0017.....	101	1854-0215.....	123A
1719-1(RCA-IC).....	2024	1766.....	142A	1820-0218.....	5454	1820-0665.....	9814	1826-1(RCA).....	4052B	1851-0025.....	101	1854-0216.....	286
1721-0725.....	218	1777-17.....	102A	1820-0223.....	1171	1820-0668.....	7407	1827-17.....	102A	1851-0031.....	101	1854-0217.....	284
1723-0405.....	327	1777-17.....	109	1820-0231.....	8316	1820-0681.....	74S00	1835-17.....	199	1851-0034.....	101	1854-0218.....	123A
1723-0410.....	327	1787R.....	3078	1820-0233.....	74193	1820-0682.....	74S03	1837-001(RCA).....	1576	1851-0038.....	101	1854-0219.....	107
1723-0605.....	327	1788R.....	3079	1820-0238.....	9810	1820-0686.....	74S11	1837-1(RCA).....	1576	1851-0041.....	103A	1854-0233.....	311
1723-0610.....	327	1792-17.....	108	1820-0240.....	906	1820-0687.....	74S15	1839-1(RCA).....	612	1851-17.....	117A	1854-0234.....	124
1723-0805.....	327	1792-17.....	108	1820-0242.....	1171	1820-0688.....	74S20	1839-5(RCA).....	612	1852-17.....	108	1854-0237.....	124
1723-0810.....	327	1794-17.....	139A	1820-0247.....	1928	1820-0689.....	74S22	1840-17.....	131	1853-0001-1.....	159	1854-0238.....	128
1723-17.....	123A	1798-1(RCA).....	108	1820-0248.....	909	1820-0690.....	74S40	1841-17.....	123A	1853-0006.....	129	1854-0242.....	128
1723-1005.....	327	1799-17.....	123A	1820-0256.....	9158	1820-0691.....	74S64	1843-17.....	161	1853-0007.....	159	1854-0245.....	181
1723-1010.....	327	1800.....	9924S	1820-0257.....	9157	1820-0692.....	74S65	1844-17.....	159	1853-0008.....	159	1854-0246.....	123A
1723-1205.....	327	1800-17.....	123A	1820-0258.....	9099	1820-0693.....	74S74	1845-17.....	161	1853-0012.....	129	1854-0252.....	130
1723-1210.....	327	1800DC.....	9800	1820-0259.....	9935	1820-0694.....	74S86	1846-17.....	177	1853-0013.....	129	1854-0253.....	175
1723-1405.....	327	1800PC.....	9800	1820-0261.....	74121	1820-0695.....	74S113	1848-17.....	116	1853-0014.....	106	1854-0259.....	175
1723-1410.....	327	1801.....	161	1820-0262.....	74165	1820-0696.....	74S114	1849.....	116	1853-0015.....	159	1854-0260.....	108
1723-1605.....	327	1801DC.....	9801	1820-0269.....	7403	1820-0704.....	74122	1849R.....	116(2)	1853-0016.....	159	1854-0263.....	128
1723-1610.....	327	1801PC.....	9801	1820-0270.....	923	1820-0707.....	74141	1850.....	116(2)	1853-0019.....	159	1854-0264.....	130
1723-1805.....	181	1802DC.....	9802	1820-0273.....	9806	1820-0713.....	74163	1850(ROLAND).....	116(2)	1853-0023.....	159	1854-0265.....	175
1723-1810.....	181	1802L.....	294	1820-0274.....	9808	1820-0715.....	74H106	1850-0003.....	160	1853-0029.....	159	1854-0274.....	128
1729-7284.....	923	1802M.....	159	1820-0281.....	74107	1820-0716.....	74161	1850-0006.....	101	1853-0031.....	219	1854-0278.....	123A
1735R.....	306	1802M(CBE).....	294	1820-0282.....	7486	1820-0726.....	74199	1850-0017.....	102	1853-0033.....	159	1854-0281.....	128
1737R.....	306	1802N.....	294	1820-0287.....	9672	1820-0734.....	74190	1850-0019.....	100	1853-0036.....	159	1854-0282.....	128
1738R.....	3056	1802PC.....	9802	1820-0288.....	9662	1820-0738.....	74155	1850-0020.....	160	1853-0039.....	159	1854-0287.....	123A
1741.....	123A	1803DC.....	9803	1820-0294.....	74164	1820-0739.....	74H101	1850-0021.....	105	1853-0041.....	129	1854-0301.....	123A
1741(SAVILLE).....	192A	1803PC.....	9803	1820-0297.....	900	1820-0740.....	74H87	1850-0027.....	160	1853-0045.....	129	1854-0304.....	123A
1741-0051.....	7400	1804.....	OBS-NLA	1820-0298.....	784	1820-0744.....	7497	1850-0031.....	102	1853-0046.....	159	1854-0311.....	121
1741-0089.....	7400	1804-17.....	154	1820-0301.....	7475	1820-0751.....	74196	1850-0032.....	102A	1853-0051.....	129	1854-0312.....	181
1741-0085.....	7401	1804DC.....	9804	1820-0304.....	7472	1820-0752.....	74H76	1850-0037.....	160	1853-0057.....	159	1854-0315.....	108
1741-0119.....	7402	1804PC.....	9804	1820-0305.....	7483	1820-0765.....	74197	1850-0040.....	102	1853-0058.....	159	1854-0323.....	316
1741-0143.....	7404	1805.....	7401	1820-0306.....	724	1820-0782.....	7427	1850-0040-1.....	102	1853-0059.....	219	1854-0324.....	124
1741-0150.....	74H04	1805DC.....	9805	1820-0307.....	9936	1820-0788.....	74174	1850-0041.....	160	1853-0062.....	129	1854-0327.....	316
1741-0176.....	7405	1805PC.....	9805	1820-0310.....	9962	1820-0839.....	74175	1850-0047.....	100	1853-0066.....	159	1854-0328.....	128A
1741-0184.....	74H05	1806.....	7404	1820-0321.....	910	1820-0841.....	74H66	1850-0048.....	160	1853-0069.....	106	1854-0332.....	128
1741-0200.....	7408	1806-17.....	130	1820-0323.....	9989	1820-0844.....	4025B	1850-0049.....	102	1853-0071.....	129	1854-0345.....	316
1741-0234.....	7410	1806-17A.....	130	1820-0324.....	9924S	1820-0847.....	74H183	1850-0051.....	126A	1853-0072.....	106	1854-0352.....	282S
1741-0242.....	74H10	1806DC.....	9806	1820-0326.....	906	1820-0861.....	9946	1850-0052.....	100	1853-0076.....	106	1854-0353.....	123A
1741-0275.....	74H11	1806PC.....	9806	1820-0327.....	7401	1820-0862.....	9948	1850-0054.....	102	1853-0077.....	159	1854-0357.....	128
1741-0291.....	7417	1807.....	7442	1820-0328.....	7402	1820-0863.....	9158	1850-0060.....	102	1853-0081.....	159	1854-0363.....	282S
1741-0325.....	7420	1807DC.....	9807	1820-0341.....	9094	1820-0864.....	7403	1850-0062.....	102	1853-0084.....	185	1854-0365.....	154
1741-0333.....	74H20	1807PC.....	9807	1820-0346.....	9936	1820-0865.....	9944	1850-0062-1.....	102	1853-0086.....	159	1854-0368.....	184
1741-0366.....	74H22	1808.....	7490	1820-0348.....	9944	1820-0866.....	9949	1850-0064.....	176	1853-0089.....	159	1854-0370.....	152
1741-0416.....	7430	1808DC.....	9808	1820-0349.....	9949	1820-0869.....	9935	1850-0065.....	102	1853-0098.....	159	1854-0371.....	123A
1741-0424.....	74H30	1808PC.....	9808	1820-0351.....	9963	1820-0870.....	7408	1850-0066.....	160	1853-0100.....	159	1854-0378.....	278
1741-0440.....	7437	1809(Diode).....	177	1820-0352.....	904	1820-0894.....	74104	1850-0067.....	160	1853-0204.....	185	1854-0379.....	124
1741-0473.....	7440	1809(IC).....	OBS-NLA	1820-0362.....	7480	1820-0899.....	74160	1850-0070.....	102	1853-0205.....	159	1854-0382.....	280
1741-0481.....	74H40	1809DC.....	9809	1820-0363.....	7482	1820-0910.....	74LS83A	1850-0073.....	126A	1853-0206.....	129	1854-0383.....	154
1741-0564.....	7451	1809PC.....	9809	1820-0364.....	7491	1820-0911.....	7485	1850-0074.....	126A	1853-0212.....	159	1854-0387.....	199
1741-0572.....	74H51	1810DC.....	9810	1820-0366.....	7494	1820-0927.....	4028B	1850-0075.....	160	1853-0213.....	129	1854-0389.....	184
1741-0598.....	7453	1811-110-10111.....	112	1820-0367.....	7495	1820-0931.....	4029B	1850-0082.....	121	1853-0215.....	129	1854-0390.....	161
1741-0606.....	74H53	1811-110-10118.....	119	1820-0368.....	7496	1820-0933.....	4017B	1850-0087.....	121	1853-0222.....	185	1854-0392.....	199
1741-0622.....	7454	1811-110-10191.....	118	1820-0370.....	74H00	1820-0935.....	4012B	1850-0090.....	176	1853-0223.....	218	1854-0398.....	108
1741-0630.....	74H54	1811DC.....	9811	1820-0371.....	74H01	1820-0936.....	4012B	1850-0093.....	126A	1853-0226.....	160	1854-0399.....	181
1741-0663.....	74H55	1811PC.....	9811	1820-0372.....	74H01	1820-0937.....	4012B	1850-0094.....	121	1853-0258.....	106	1854-0399.....	175
1741-0689.....	7460	1812-1.....	123A	1820-0373.....	74H21	1820-0938.....	4027B	1850-0094.....	121	1853-0264.....	288	1854-0409.....	123A
1741-0697.....	74H60	1812-1-12.....	123A	1820-0375.....	74H30	1820-0939.....	4013B	1850-0095.....	121	1853-0280.....	185	1854-0417.....	107
1741-0721.....	74H74	1812-1-127.....	123A	1820-0376.....	74H40	1820-0942.....	4000	1850-0098.....	160	1853-0281.....	159	1854-0418.....	229
1741-0747.....	7475	1812-1L.....	123A	1820-0377.....	74H50	1820-0943.....	4012B	1850-0099.....	102	1853-0285.....	159	1854-0431.....	316
1741-0770.....	7483	1812-1L8.....	123A	1820-0378.....	74H52	1820-0948.....	4001B	1850-0101.....	102	1853-0310.....	180	1854-0432.....	123A
1741-0804.....	7486	1812DC.....	9812	1820-0379.....	74H52	1820-0947.....	4030B	1850-0103.....	160	1853-0311.....	219	1854-0438-1.....	124
1741-0895.....	7493A	1812PC.....	9812	1820-0380.....	74H53	1820-0948.....	4002B	1850-0108.....	105	1853-0314.....	139A	1854-0453.....	184
1741-0952.....	7495	1813-0015.....	109	1820-0381.....	74H54	1820-0949.....	4011B	1850-0109.....	102	1853-0320.....	129	1854-0454	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1859-14	121	1884-0091	6404	1902-0030	5080A	1943-430	123AP	2000-252	130	2015-3A	130	2047-49	199
1859-16	121	1884-0201	5401	1902-0033	137A	1945-17	131	2000-253	229	2015-4	130	2047-50	295
1859-17	312	1884-0209	5695	1902-0035	5223A	1946-17	102A	2000-258	85	2015-5	130	2047-51	235
1859R	116	1884-0211	5529	1902-0039	5197A	1947-17	110MP	2000-268	85	2015-6	130	2047A2-288	102A
1860(Scott)	289A	1884-0213	5442	1902-0088	5217A	1948-17	507	2000-270	373	2015-7	130	2048-17	229
1865-1	160	1884-0218	5697	1902-0089	5219A	1949-17	116	2000-271	235	2016(RAM)	2128	2049-03	977
1865-1-12	160	1884-0219	5547	1902-0094	5009A	1950-17	116	2000-275	85	2017-107	159	2049-03	614
1865-1-127	160	1884-17	123A	1902-0095	5005A	1951-17	126A	2000-276	293	2017-108	186A	2049-5801	139A
1865-1L	160	1884A	121	1902-0105	5009A	1952-17	161	2000-301	109	2017-109	152	2049-34	139A
1865-2	103A	1884A-12	121	1902-0156	5198A	1954-17	102A	2000-302	519	2017-110	154	2050	5924
1865-2-12	103A	1884A-127	121	1902-0166	5198A	1955-17	131	2000-303	519	2017-111	601	2051-1	159
1865-2L	103A	1884AL	121	1902-0178	5219AK	1956-17	109	2000-304	116	2017-113	5071A	2051-3(Fisher)	159
1865-2L8	103A	1884AL8	121	1902-0183	5208A	1958-17	103A	2000-305	5018A	2017-114	116	2051-3	159
1865-4	101	1885-17	154	1902-0193	5090A	1960-17	102A	2000-308	139A	2017-115	123A	2051-3(Fisher)	159
1865-4-12	101	1885-17(RecL)	116	1902-0205	5036A	1961-17	123A	2000-309	116	2017-117	123A	2051-5	159
1865-4-127	101	1888B	160	1902-0245	5071A	1966-17	123A	2000-311	5015A	2018-01	123A	2051-5(Fisher)	159
1865-4L	101	1888B-12	160	1902-0246	5074A	1966B	5075A	2000-312	5075A	2019-45	519	2051-5	159
1865-4L8	101	1888B-127	160	1902-0315	5990	1968-17	152	2000-313	135A	2020	160	2051-6(Fisher)	159
1865A	160	1888BL	160	1902-0509	137A	1969-17	152	2000-317	519	2020(RECT)	5896	2052	116
1865A-12	160	1888BL8	160	1902-0522	5118A	1970-16	116	2000-318	109	2020-01	126A	2053-5	159
1865A-127	160	1888C	100	1902-0549	5143A	1970-17	116	2000-318(President)	109	2020-01	159	2053-5(Fisher)	159
1865A-1L8	160	1888C-12	100	1902-0569	141A	1971-17	125	2000-319	519	2020-01(Transistor)	159	2053-5	159
1865B	126A	1888C-127	100	1902-0625	137A	1972-17	128	2000-320	116	2020-02	161	2053-6(Fisher)	159
1865B-12	126A	1888CL	100	1902-0630	138A	1973-17	102A	2000-321	135A	2020-03	316	2054-1(Fisher)	159
1865B-127	126A	1888CL8	100	1902-0631	5129A	1974-17	102A	2000-322	137A	2020-04	312	2054-5	129
1865BL	126A	1889-17	129	1902-0632	5183A	1975-1(RCA)	454	2000-323	177	2020-05	199	2054-5(Fisher)	129
1865BL8	126A	1890-17	108	1902-0680	137A	1977-17	109	2000-324	138A	2020-06	123A	2054-17	109
1865C	121	1892-1	105	1902-0686	137A	1979-808-10	159	2000-325	138A	2020-07	159	2055-32	152
1865C-12	121	1892-1-12	105	1902-0759	5195A	1980-17	109	2000-326	5075A	2020-07	703	2055-113	199
1865C-127	121	1892-1-127	105	1902-0761	137A	1981-17	177	2000-327	139A	2020-2	159	2055-114	295
1865CL	121	1892-1L	105	1902-0772	5027A	1982-17	116	2000-328	137A	2020-2(Fisher)	159	2055-115	235
1865CL8	121	1892-1L8	105	1902-0777	5203A	1983-17	108	2000-329	137A	2020-3	703	2055-116	152
1866-1	102A	1893-17	123A	1902-0785	5030A	1984-17	123A	2000-330	5312	2020R	5897	2055-117	1301
1866-1-12	102A	1898-019(RCA)	5015A	1902-0786	5033A	1993-2(Fisher)	123A	2000-332	519	2021	160	2055-118	1193
1866-1-127	102A	1898-3(RCA)	137A	1902-0787	5036A	1996-17	107	2000-333	135A	2021-00	126A	2055-119	116
1866-1L	102A	1898-4(RCA)	149A	1902-0791	5042A	1999	123A	2000-334	139A	2021-05	116	2055-120	116
1866-1L8	102A	1898-5(RCA)	136A	1902-0792	5047A	1999-17	107	2000-335	605A	2021-1	718	2055-121	145A
1866-2	102A	1898-7(RCA)	143A	1902-0793	5050A	2000-001	119B	2000-337	109	2021-2	718	2055-122	138A
1866-2-12	102A	1898-14(RCA)	140A	1902-0795	147A	2000-002	4011B	2000-338	5067A	2021-7	5022A	2055-140	614
1866-2-127	102A	1898-14(RCA)	5037A	1902-1169	138A	2000-004	977	2000-339	601	2022-03	229	2055-141	7473
1866-2L	102A	1898-19(RCA)	5015A	1902-1170	5072A	2000-005	119A	2000-340	5070A	2022-04	235	2055-159	109
1866-2L8	102A	1900-0004	109	1902-1171	5073A	2000-006	1195	2000-341	610	2022-05	123A	2055-9040-44210	177
1866-3	102A	1900-0005	112	1902-1172	139A	2000-007	1082	2000-342	605A	2022-06	222	2056-04	1082
1866-3-12	102A	1900-0036	5077A	1902-1173	140A	2000-008	977	2000-344	614	2022-07	109	2056-05	973
1866-3-127	102A	1900-0009	5071A	1902-1174	142A	2000-009	973D	2000-345	177	2022-08	116	2056-06	1160
1866-3L	102A	1900-0020	109	1902-1175	143A	2000-010	1204	2000-346	109	2022-77	109	2056-07	85
1866-3L8	102A	1901-0002	5874	1902-1176	144A	2000-011	1204	2000-348	156	2022-244	123A	2056-08	107
1866-17	123A	1901-0005	116	1902-1177	145A	2000-016	1247	2000-366	519	2023-41	139A	2056-09	315
1867-1	159	1901-0028	5804	1902-1178	5078A	2000-017	1192	2000-367	5016A	2024-1	731	2056-10	290A
1872-006(RCA)	177	1901-0032	5944	1902-1179	5078A	2000-019	1082	2000-370	5019A	2025	5920	2056-11	5010A
1872-008(RCA)	177	1901-0036	5804	1902-1180	5077A	2000-020	977	2001(TRANSISTOR)	152	2025-1	730	2056-12	519
1872-010(RCA)	177	1901-0045	5802	1902-1181	5078A	2000-021	1198	2001-17	123A	2025-2	730	2056-75	451
1872-024(RCA)	177	1901-0048	5944	1902-1182	5078A	2000-022	973D	2001(E.F. Johnson)	152	2025-3	730	2056-105	1198
1872-1(RCA)	177	1901-0057	5834	1902-1183	5080A	2000-023	4007	2001PDK80	6116	2025-17	229	2056-106	612
1872-2(RCA)	177	1901-0058	177	1902-1184	5081A	2000-024	1195	2001PDK80	6118	2025-2300-017101	116	2057-04	236
1872-3	177	1901-0059	177	1902-1185	5032A	2000-025	1194	2001PDK100	6118	2025-9110-18810	109	2057-05	186A
1872-3(RCA)	177	1901-0060	5834	1902-1186	5190A	2000-026	1204	2001PDK120	6118	2026	123A	2057-06	87
1872-4(RCA)	177	1901-0061	5070A	1902-1187	5202A	2000-027	4027B	2002	121	2026-00	123A	2057-07	116
1872-5(RCA)	177	1901-0062	116	1902-1188	5080A	2000-028	4011B	2002(Dig. Trans)	2356	2026-4	241	2057-08	152
1872-6	177	1901-0071	177	1902-1189	5185A	2000-029	1262	2002-2	717	2026-5	241	2057-1	183
1872-6(RCA)	177	1901-0129	116	1902-1199	5186A	2000-031	1249	2002(E.F. Johnson)	121	2027	116	2057-1(Fisher)	183
1872-7(RCA)	177	1901-0132	177	1902-1200	5192A	2000-032	1278	2003	130	2027(E.F. Johnson)	123A	2057-3	183
1872-8(RCA)	177	1901-0133	5869	1902-1201	5192AK	2000-033	1271	2003(Dig. Trans)	2358	2027(R.F.)	195A	2057-3(Fisher)	183
1872-10(RCA)	177	1901-0164	5802	1902-1203	5186A	2000-101	312	2003-5	968	2027-00	195A	2057A2-37	126A
1872-11(RCA)	109	1901-0305	5990	1902-1213	5089A	2000-102	222	2003-17	123A	2028	108	2057A2-60	126A
1872-12(RCA)	177	1901-0306	5991	1902-1215	5196A	2000-103	222	2003JDP1	128	2028-00	108	2057A2-61	158
1872-13(RCA)	177	1901-0307	6154	1902-1216	5205A	2000-104	312	2004(Transistor)	102A	2029	241	2057A2-62	123A
1872-14(RCA)	177	1901-0308	6155	1902-1218	5192AK	2000-105	312	2004(EF Johnson)	726	2029-1	790	2057A2-64	123A
1872-15(RCA)	109	1901-0309	5862	1902-1219	5191A	2000-106	312	2004-02	229	2029-2	790	2057A2-65	126A
1872-16(RCA)	177	1901-0310	5986	1902-1244	5086A	2000-107	312	2004-02	229	2029H	241	2057A2-66	126A
1872-17(RCA)	109	1901-0312	6354	1902-1245	136A	2000-108	312	2004-03	123A	2030	5920	2057A2-80	126A
1872-18(RCA)	177	1901-0314	5802	1902-1246	5021A	2000-201	290A	2004-04	123A	2030-1	715	2057A2-81	124
1872-19(RCA)	109	1901-0316	5981	1902-1259	5193A	2000-202	129	2004-05	123A	2030R	5921	2057A2-84	124
1872-24(RCA)	177	1901-0317	5982	1902-1278	5077A	2000-203	269A	2004-06	159	2031-1	714	2057A2-87	229
1872-29(RCA)	177	1901-0318	5987	1902-1286	5120A	2000-204	233	2004-14	123A	2031-17	116	2057A2-103	123A
1874-3	100	1901-0319	5987	1902-1288	5136A	2000-205	107	2004-67	177	2032-33	108	2057A2-109	107
1874-3-12	100	1901-0320	5988	1902-1289	5162A	2000-206	85	2004-70	4011B	2032-34	108	2057A2-110	107
1874-3-127	100	1901-0321	5989	1902-1291	5116A	2000-207	121	2005-1	121				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2057A2-195	161	2057A2-400	159	2057B2-47	124	2057B106-12	159	2065-55	454	2093A41-54	116	2102-010	
2057A2-196	161	2057A2-401	123A	2057B2-48	126A	2057B107-8	128	2065-6900-04310	1325	2093A41-55	116	2102-014	
2057A2-197	161	2057A2-402	108	2057B2-49	102	2057B108-6	159	2068-17	177	2093A41-56	142A	2102-017	
2057A2-198	159	2057A2-403	159	2057B2-50	126A	2057B109-9	128	2067-1	715	2093A41-57	116	2102-025	
2057A2-199	128	2057A2-404	199	2057B2-51	126A	2057B110-9	129	2069-1	715	2093A41-58	115	2102-028	
2057A2-200	106	2057A2-405	199	2057B2-52	102A	2057B111-9	129 + 128(CP)	2070-	5928	2093A41-59	109	2102-029	
2057A2-201	108	2057A2-406	199	2057B2-53	102A	2057B112-9	129	2071	181	2093A41-62	116	2102-031	
2057A2-202	161	2057A2-407	123A	2057B2-54	124	2057B113	108	2074-17	312	2093A41-63	135A	2102-032	
2057A2-203	161	2057A2-427	289A	2057B2-55	123	2057B113-9	128	2075-1	801	2093A41-65	125	2102-033	
2057A2-204	161	2057A2-428	199	2057B2-60	126A	2057B114-9	129	2076	177	2093A41-66	116	2102-074	
2057A2-205	160	2057A2-430	159	2057B2-61	158	2057B115-9	129	2076-1	742	2093A41-67	506	2102-11	
2057A2-206	102	2057A2-432	123A	2057B2-62	123A	2057B116-9	129	2076-107	109	2093A41-68	109	2102-12	
2057A2-207	161	2057A2-434	123A	2057B2-63	123	2057B117-9	123A	2077-1	788	2093A41-69	506	2102-14	
2057A2-208	13A	2057A2-436	199	2057B2-64	108	2057B118-12	123A	2079-01	293	2093A41-70	5071A	2102-15	
2057A2-209	123A	2057A2-445	312	2057B2-65	126A	2057B119-2	123A	2079-02	108	2093A41-72	506	2102-16	
2057A2-210	102A	2057A2-446	238	2057B2-66	126A	2057B120-12	123A	2079-03	295	2093A41-73	506	2102-17	
2057A2-211	131	2057A2-448	108	2057B2-67	126A	2057B121-9	129	2079-04	235	2093A41-74	503	2102-20	
2057A2-212	199	2057A2-449	123A	2057B2-68	126A	2057B122-9	129	2079-05	177	2093A41-75	116	2102-21	60
2057A2-215	123A	2057A2-452	123A	2057B2-69	123A	2057B123-10	124	2079-06	125	2093A41-76	177	2102A	211
2057A2-216	107	2057A2-454	199	2057B2-70	126A	2057B124-10	121	2079-39	614	2093A41-77	125	2102A-4	210
2057A2-217	107	2057A2-455	108	2057B2-71	126A	2057B125-9	123A	2079-40	221	2093A41-78	116	2102A-6	2102
2057A2-218	107	2057A2-463	123A	2057B2-72	102	2057B126-12	128	2079-42	5072A	2093A41-81	116	2102AN-4L	2102
2057A2-219	107	2057A2-464	123A	2057B2-73	123	2057B129-9	128	2079-92	1166	2093A41-82	5022A	2102FC	2102
2057A2-220	107	2057A2-465	108	2057B2-77	126A	2057B141-4	123A	2079-93	139A	2093A41-86	116	2102FDC	2102
2057A2-221	107	2057A2-466	107	2057B2-78	102	2057B142-4	123A	2079-106	107	2093A41-87	158	2102FDC	2102
2057A2-222	123A	2057A2-467	128	2057B2-79	126A	2057B143-12	123A	2079-107	109	2093A41-88	116	2102FPC	2102
2057A2-223	124	2057A2-475	199	2057B2-80	126A	2057B144-12	128	2080	5928	2093A41-89	116	2103-13	289A
2057A2-224	124	2057A2-477	229	2057B2-81	126A	2057B145-12	129	2081-6	153	2093A41-90	135A	2104(RAM)	2104
2057A2-225	13A	2057A2-478	229	2057B2-83	102	2057B146-12	123A	2081-17	186A	2093A41-92	109	2104A	2104
2057A2-226	123A	2057A2-479	123A	2057B2-84	124	2057B147-12	159	2082-6	152	2093A41-96	506	2104A-2	2104
2057A2-230	128	2057A2-483	229	2057B2-85	108	2057B149-12	312	2083-41	109	2093A41-102	177	2104A-3	2104
2057A2-231	160	2057A2-484	293	2057B2-86	102	2057B151-6	123A	2083-41(Fisher)	109	2093A41-103	116	2104A-4	2104
2057A2-232	160	2057A2-487	123A	2057B2-87	108	2057B152-12	123A	2083-42	109	2093A41-104	116	2106-17	5070A
2057A2-237	107	2057A2-489	159	2057B2-88	126A	2057B153-9	128	2083-42(Fisher)	109	2093A41-105	177	2106-119	102A
2057A2-241	102A	2057A2-501	107	2057B2-89	160	2057B155-10	175	2083-44	601	2093A41-110	116	2106-120	160
2057A2-249	199	2057A2-502	199	2057B2-90	160	2057B156-9	128	2083-44(Fisher)	601	2093A41-111	116	2106-121	102A
2057A2-251	161	2057A2-503	107	2057B2-93	160	2057B157-9	128	2083-70	453	2093A41-112	167	2106-122	102A
2057A2-252	199	2057A2-504	108	2057B2-94	102A	2057B158-10	175	2083-70(Fisher)	453	2093A41-113	143A	2106-123	102A
2057A2-257	199	2057A2-505	108	2057B2-97	123A	2057B159-12	159	2083-71	313	2093A41-115	116	2106-124	108
2057A2-258	161	2057A2-505	108	2057B2-99	102A	2057B163-12	129	2083-71(Fisher)	313	2093A41-116	116	2107(RAM)	2107
2057A2-259	107	2057A2-507	229	2057B2-101	107	2057B168	102A	2083-72	313	2093A41-125	139A	2107A(RAM)	2107
2057A2-260	199	2057A2-508	229	2057B2-102	107	2057B169	102A	2083-72(Fisher)	313	2093A41-126	116	2107B(RAM)	2107
2057A2-261	154	2057A2-509	108	2057B2-103	108	2057B175-9	162	2083-73	313	2093A41-129	177	2107C(RAM)	2107
2057A2-262	199	2057A2-510	123A	2057B2-104	126A	2057B186	160	2083-73(Fisher)	313	2093A41-131	116	2109-101-5304	712
2057A2-263	126A	2057A2-511	123A	2057B2-105	126A	2057B206	102A	2083-74	313	2093A41-139	116	2109-103-2006	712
2057A2-264	123A	2057A2-518	199	2057B2-107	102A	2058	126A	2083-74(Fisher)	313	2093A41-141	109	2110	5916
2057A2-265	127	2057A2-524	297	2057B2-108	108	2058-02	312	2083-75	102	2093A41-148	109	2110N-41	177
2057A2-272	199	2057A2-526	229	2057B2-109	108	2058-03	5015A	2083-75(Fisher)	102	2093A41-150	150A	2110N-42	116
2057A2-273	199	2057A2-527	229	2057B2-110	108	2058-1	183	2084-17	125	2093A41-151	116	2110N-132	161
2057A2-274	199	2057A2-529	234	2057B2-111	108	2058-5(Fisher)	183	2085-17	184	2093A41-152	116	2110N-133	175
2057A2-275	199	2057A2-539	107	2057B2-112	108	2058-38	977	2086-12	293	2093A41-153	5070A	2110N-134	102A
2057A2-276	123A	2057A2-540	107	2057B2-113	123A	2058-39	612	2087-46	139A	2093A41-154	109	2112-17	102A
2057A2-277	159	2057A2-541	229	2057B2-114	107	2059-09	85	2090(Crown)	154	2093A41-155	177	2113	113A
2057A2-278	123A	2057A2-542	199	2057B2-115	107	2059-5	197	2090A43-1	112	2093A41-157	177	2114-1	113A
2057A2-279	123A	2057A2-543	199	2057B2-116	107	2059-5(Fisher)	197	2090A53-2	120	2093A41-159	139A	2114-0	154
2057A2-280	123A	2057A2-558	229	2057B2-117	107	2060	5924	2091-02	1081A	2093A41-163	139A	2114-2	2114
2057A2-281	123A	2057A2-559	123A	2057B2-118	126A	2060-024	116	2091-03	295	2093A41-164	177	2114-3	2114
2057A2-284	128	2057A2-560	199	2057B2-119	108	2060-7	180	2091-49	1006	2093A41-165	177	2114-4	158
2057A2-285	123A	2057A2-561	159	2057B2-120	108	2061-1	783	2091-50	1006	2093A41-167	109	2114-30L(RAM)	2114
2057A2-288	102A	2057A2-988	102A	2057B2-121	123A	2061-31	229	2091-51	199	2093A41-169	109	2114A-3	2114
2057A2-289	123A	2057A10-64	123A	2057B2-122	123A	2061-42	977	2093-27	7400	2093A41-171	177	2114B	2114
2057A2-289(4th IF)	233	2057A32-25	1124	2057B2-123	123A	2061-44	177	2093A2-289	108	2093A41-172	177	2114B-2	2114
2057A2-290	199	2057A32-26	1142	2057B2-124	102A	2061-45	614	2093A3D-2	117A	2093A41-173	116	2114C	2114
2057A2-294	123A	2057A32-33	801	2057B2-125	107	2061-47	960	2093A41-20	13	2093A41-181	109	2114BC	2114
2057A2-295	128	2057A32-35	1153	2057B2-127	108	2061A45-38	177	2093A4-2	117A	2093A41-182	116	2114BCB	2114
2057A2-296	123A	2057A42-477	229	2057B2-128	108	2061A45-47	102	2093A5-2	114	2093A41-185	116	2114C	2114
2057A2-297	123A	2057A100-4	103A + 158(CP)	2057B2-129	102A	2061A45-72	116	2093A5-10	113A	2093A41-186	139A	2114C-3	2114
2057A2-298	159	2057A100-8	102A	2057B2-130	123A	2061A45-93	116	2093A6-1	117A	2093A41-187	116	2114C-3CA	2114
2057A2-300	123A	2057A100-9	102A	2057B2-133	121	2061A45-14	158	2093A6-2	117A	2093A41-189	116	2114C-3CB	2114
2057A2-302	104	2057A100-14	103A + 158(CP)	2057B2-134	127	2061B45-35	116	2093A6-1	109	2093A41-194	135A	2114C-C3E	2114
2057A2-303	123A	2057A100-16	130MP	2057B2-135	102A	2062-1	159	2093A9-3	100	2093A41-196	109	2114CCA	2114
2057A2-304	107	2057A100-17	128	2057B2-136	127	2062-1(Fisher)	159	2093A9-4	100	2093A41-197	116	2114CCB	2114
2057A2-305	107	2057A100-18	103A + 158(CP)	2057B2-137	102A	2062-6	129	2093A12-1	116	2093A41-198	116	2114CCB	2114
2057A2-306	123A	2057A100-21	102A	2057B2-138	161	2062-6(Fisher)	237	2093A25-3	109	2093A41-2	112	2114DC-3	2114
2057A2-307	159	2057A100-23	158	2057B2-139	161	2062-17	237	2093A33-1	109	2093A52-1	125	2114L-30	2114

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
134-17	313	2149-401-9507	375	2220-17	159	2400-23	116	2488A	126A	2568-17	135A	2795A	139A
135	5920	2149-401-9701	287	2224-17	229	2400-27	116	2489	126A	2569-17	507A	2796	289A
135E	735	2149-401-9808	373	2225	289A	2402	116	2489A	160	2577	121	2797	289A
2136	737F	2149-403-010	130	2225-17	229	2402(Dig. Trans)	2415	2490	102A	2580	729	2798	59
2136D	737F	2149-404-0307	89	2226-17	229	2402-453	102A	2490A	102A	2581-17	152	2798(SAVILLE)	192A
2136P	737F	2150	5924	2231(MAG)	159	2402-454	102A	2491	124	2584	123	2799	290A
2136PC	737F	2150-17	139A	2231-17	178MP	2402-455	102A	2491A	124	2603-180	102A	2799-1	789
2136PC	737F	2151-17	109	2232-17	109	2402-456	131	2491B	124	2603-181	102A	2799-2	789
2139-101-4005	159	2152	116	2233-17	116	2402-457	102A	2494(RCA)	127	2603-182	102A	2800(SAVILLE)	192A
2139-101-4102	290A	2158-1541	123A	2243	121	2402-459	109	2495	128	2603-183	126A	2800(Diode)	583
2139-101-4209	290A	2158-1558	159	2244-1	5991	2402-461	116	2495(RCA)	123A	2603-184	123A	2802	125
2139-103-200	234	2159-301-1406	289A	2244-2	5990	2402-462	116	2495-012	126A	2603-186	109	2802-1	781
2139-103-3307	290A	2159-301-1707	289A	2245-1	5874	2402-463	116	2495-013	126A	2606-286	102A	2802-1(Bendix)	781
2139-103-3404	290A	2159-301-1804	123AP	2245-2	5874	2403	177	2495-014	102A	2606-287	102A	2802-2	781
2139-103-3802	159	2159-302-1707	123AP	2245-3	5878	2403(Dig. Trans)	2417	2495-078	160	2606-288	176	2810(Diode)	584
2139-103-4001	290A	2160	6400B	2245-17	186	2403-265-01004	552	2495-079	160	2606-291	102A	2833-1(RCA)	616
2139-103-5705	292	2160-17	186A	2246-17	192	2404(Dig Trans)	2419	2495-080	102A	2606-292	126A	2842-056	175
2139-103-7103	159	2163-17	175	2247-1	5071A	2405	177	2495-082	160	2606-294	108	2842-17	519
2139-301-0401	108	2167-17	237	2247-2	143A	2405-453	102A	2495-1(RCA)	127	2606-295	160	2842-875	181
2139-301-0508	108	2168-17	186A	2247-3	5069A	2405-454	102A	2495-166-1	108	2606-296	109	2843-17	116
2139-301-0906	85	2169-101-0602	109	2247-4	135A	2405-455	102A	2495-166-2	123A	2606-299	116	2844-17	139A
2139-301-1901	233	2169-103-0608	177	2247-6	145A	2405-456	102A	2495-166-4	108	2606-303	5069A	2848-17	139A
2139-301-2304	198	2169-103-1807	519	2247-7	5072A	2405-457	102A	2495-166-8	108	2612	102A	2851-001(RCA)	125
2139-301-3802	159	2169-105-010	109	2258-8(RCA)	109	2405-458	109	2495-168-9	108	2612-17	312	2851-17	116
2139-301-5105	399	2169-105-020	109	2260-17	199	2405-459	116	2495-200	126A	2613-17	295	2852-17	109
2139-301-5309	399	2169-105-030	110MP	2261-17	294	2405-462	116	2495-376	160	2615-17	199	2853-1	186
2139-301-5808	123AP	2169-201-0805	116	2263	123A	2405-463	116	2495-377	160	2617-17	199	2853-2	186
2139-301-7707	85	2169-201-0902	116	2269	159	2408-17	152	2495-378	160	2620	154	2853-3	186
2139-301-8508	123AP	2169-202-1900	109	2270	123A	2408-326	102A	2495-388	102A	2626-1	912	2854	123A
2139-301-9202	198	2169-202-2002	177	2270-5	128	2408-328	102A	2495-488-1	160	2631(MAG-Diode)	552	2854-1	186
2139-301-9606	107	2169-202-2109	177	2271	199	2408-329	158	2495-488-2	160	2633(RCA)	108	2854-2	186
2139-301-9606(BCE)	107	2169-202-2206	116	2272	159	2408-330	109	2495-489	125	2634	107	2854-3	186
2139-301-9804	123AP	2169-202-2303	552	2275-17	123A	2408-331	116(2)	2495-520	108	2634(RCA)	229	2855-1	186
2139-301-9901	123AP	2169-202-2400	552	2277P	804	2409-17	519	2495-521	108	2634-1	107	2855-2	152
2139-302-4501	107	2169-205-070	177	2279-13	109	2410-17	116	2495-522-1	108	2634-1(RCA)	107	2855-3	186
2139-302-7001	85	2169-205-080	177	2280-13	109	2411	116	2495-522-4	123A	2634-2	107	2856-1	186
2139-302-7406	123AP	2169-205-0700	519	2281-13	109	2412-365-01611	504	2495-523-1	108	2634-2(RCA)	107	2856-2	152
2139-302-7409	85	2169-205-0807	519	2282-13	109	2415-2(RCA)	112	2495-529	123A	2634-3	107	2856-3	186
2139-302-7506	123AP	2169-205-1006	5018A	2282-17	109	2415-3(RCA)	112	2495-567-2	102A	2634-3(RCA)	229	2870(SAVILLE)	186
2139-302-7700	198	2169-206-1106	558	2282-17(RAT DET)	110MP	2415-4(RCA)	112	2495-567-3	102A	2634-4	107	2873(SAVILLE)	193A
2139-302-8103	375	2169-206-1203	558	2283-13	109	2417	124	2495-586-2	102A	2636	108	2874(SEARS)	726
2139-302-8501	289A	2169-207-0201	116	2283-17	116	2418-17	237	2496(RCA)	127	2654-1(RCA)	229	2874(SAVILLE)	183A
2139-304-2808	108	2169-207-1109	125	2284-13	109	2420SLM339N	834	2496(SAVILLE)	193	2663	172A	2874(RCA)	726
2139-304-3405	107	2169-207-1205	558	2284-17	107	2420SN07406	7406	2496-125-2	123A	2664-1	726	2874(Sears)	726
2139-304-9104	107	2169-208-1105	116	2285-17	116	2420SN07407	7407	2496(SAVILLE)	123A	2665-1	723	2875-1(SAVILLE)	182
2139-304-9308	107	2169-210-5808	125	2289-13	178MP	2420SN75188	75188	2497-473	102A	2665-2	723	2875-2(SAVILLE)	183
2139-305-360	229	2169-213-1108	558	2290-13	109	2420SN75189	75189	2497-496	102A	2665-3	723	2875-3(SAVILLE)	392
2139-305-420	123A	2169-215-050	506	2290-17	123A	2420SNLS151	74LS151	2498-163	128	2671R	3074	2900-007	108
2139-305-3408	399	2169-215-3106	552	2294-17	123A	2420SNLE555	955M	2498-507-2	108	2672-17	235	2900N	992
2139-307-010	107	2169-219-4208	552	2291-17	107	2420SNS412N	8212	2498-507-3	108	2673-17	236	2901-010	121
2139-307-2506	108	2169-219-5106	552	2295	175	2420T78005P	960	2498-508-2	108	2673R	3076	2901N	834
2139-307-2603(BC)	229	2169-220-060	116	2300.036.096	159	2420TMM16P2	2128	2498-508-3	108	2674R	3075	2902N	987
2139-308-0905	229	2169-220-1508	552	2300.037-096	123A	2421T05Z24Y	5031A	2498-513	125	2675-17	177	2902D(IC)	943M
2139-401-18507	389	2169-301-1100	177	2302-17	116	2421T05Z39X	5007A	2498-903-2	108	2675R	3077	2903N(IC)	943M
2139-401-9609	165	2169-301-2901	177	2302-17	233	2421T121300	143A	2498-903-3	108	2676R	3078	2904-008	121
2139-401-9808	287	2169-301-9207	519	2304	177	2421T121500	145A	2500(RCA)	127	2678R	3079	2904-014	121
2139-601-4602	454	2169-304-060	506	2304-1(MAG-IC)	1445	2421T122000	5079A	2501(MOV)	1V250	2680(RAM)	2107	2904-016	126A
2145-301-3502	89	2169-304-070	506	2304-17	294	2421T284B4A	5312	2501-(MAG)	171	2680F	2107	2904-029	126A
2147(RAM)	2147	2169-304-090	506	2309	139A	2421T584B4A	5322	2502	129	2680F-1	2107	2904-030	224
2148-17	116	2169-304-0104	506	2310-17	297	2421TS5277B	116	2502(RCA)	102A	2680F-2	2107	2904-032	128
2149-101-0505	187A	2169-304-200	5071A	2312-17	184	2422TA1015Y	290A	2502(MOV)	1V250	2680N	2107	2904-033	108
2149-101-1908	389	2169-304-210	5074A	2314-17	199	2422TC1815Y	85	2503-100	140A	2680N-1	2107	2904-034	123
2149-101-8505	389	2169-304-1109	552	2315-17	16	2422TD71700	390	2504(MOV)	1V250	2680N-2	2107	2904-035	123
2149-101-9005	290A	2169-308-0504	552	2315-17	29	2427(RCA)	108	2506-1(RCA)	729	2680(RAM)	2117	2904-037	195A
2149-101-9102	193	2169-403-1105	5021A	2319-17	116	2427-17	116	2510-31	109	2700	160	2904-038	159
2149-101-9102(BC)	193A	2169-403-2401	146A	2320-17	123A	2432-1(RCA)	710	2510-32	116	2703-384	102A	2904-038H05	100
2149-101-9209	159	2169-403-503	5021A	2321-17	123A	2434	710	2510-103	199	2703-385	102A	2904-045	123A
2149-101-9306	159	2169-403-7707	5025A	2322(MAG)	123AP	2434(RCA)	710	2510-104	123A	2703-386	102A	2904-053	229
2149-101-9500	193	2169-404-0103	5015A	2322-17	715	2434-1(RCA)	710	2510-105	186	2703-387	176	2904-054	123A
2149-102-0207	187A	2169-404-0307	5074A	2322-592-31312	1V130	2436-17	5075A	2512-17	312	2703-388	158	2904-057	184
2149-102-300	230A	2169-404-0307	5074A	2322-592-31512	1V150	2437-17	236	2514	320	2703-389	109	2904-058	188
2149-102-1105	187A	2169-404-1904	5015A	2322-592-32512	1V250	2438-17	109	2515	289A	2703-390	116(2)	2904-059	329
2149-201-9606	332	2169-404-4006	5010A	2322-592-61312	1V130	2443(RCA)	123A	2516	712	2704-384	102A	2904N	928M
2149-202-0400	294	2170	5928	2322-592-61512	1V150	2444(RCA)	124	2516(EPROM)	2716	2704-385	102A	2906-004	1255F
2149-202-0507(BC)	294	2179-001-0200	5465	2322-592-62512	1V250	2445	711	2516(RCA)	712	2704-386	102A	2906-005	746
2149-301-0309(BC)	287	2179-001-1302	5465	2322-593-31312	1V130	2445(RCA)	711	2516-1	712	2704-387	158		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
3007(SEARS)	123A	3130-3157-637	987	3225R	6035	3527	107	3553	225	3590-1(RCA)	159	3656-1	373
3008	160	3130-3167-901	817	3227-E	108	3527(RCA)	108	3553(RCA)	128	3591	128	3656-2	373
3008(E.F. Johnson)	160	3130-3167-909	928M	3235	5990	3527-1	107	3553-1(RCA)	154	3592(RCA)	129	3656-4	373
3008(CB)	126A	3130-3167-910	823	3242P	1940	3527-1(RCA)	108	3553-3	128	3597	159	3657-1	229
3009	160	3130-3167-914	937M	3245	5992	3528(RAM)	2128	3554	123AP	3597-1	159	3657-2	229
3009(E.F. Johnson)	160	3130-3193-501	7445	3251	179	3528-1	7855	3554(RCA)	123AP	3597-1(RCA)	159	3662-2	165
3009(Mixer)	126A	3130-3193-507	74145	3270	5998	3528-1(RCA)	7855	3554-1	123AP	3597-2	159	3665-2	162
3009(SEARS)	102A	3130-3193-512	787	3280	5998	3528-2	7855	3554-1(RCA)	123AP	3598(RCA)	102A	3666(RCA)	159
3010	126A	3130-3193-516	4017B	3295-001	124	3528-2(RCA)	7855	3555	128	3598-2(RCA)	102A	3666-1(RCA)	159
3010(E.F. Johnson)	126A	3130-3248-801	1115	3301(SEARS)	107	3529	116	3555(RCA)	128	3599-1(RCA)	159	3669	165
3010(IF)	126A	3130-6056-500	860	3301N	992	3529A	156	3555-01	5547	3600	102	3669-1(RCA)	163A
3010(SEARS)	123A	3130R	5989	3322-6	109	3529B	156	3555-02	5547	3601	123AP	3669-2(RCA)	165
3011	123A	3135	5990	3327-1	289A	3529C	156	3555-03	5547	3601(RCA)	123AP	3676	233
3011(EF Johnson)	108	3140	5990	3341	289A	3530	108	3555-1(RCA)	128	3601-1	123AP	3676(RCA)	233
3011(E.F. Johnson)	123A	3140R	5991	3367	172A	3530(RCA)	108	3555-3	128	3601-2	123AP	3676-1(RCA)	229
3012	126A	3145	5992	3370	108	3530-1	108	3556	123AP	3603(RCA)	123AP	3677(RCA)	780
3012(PNP)	106	3146-977	130	3373	181	3530-1(RCA)	108	3556(RCA)	123AP	3603-1(RCA)	123AP	3677-1	780
3012(EF Johnson)	106	3150	5992	3374-3	358	3530-2	108	3556-1	123AP	3604(RCA)	172A	3677-1(RCA)	780
3012(NPN)	108	3150R	5993	3377	116	3530-2(RCA)	108	3556-1(RCA)	123AP	3604-1(RCA)	172A	3677-2	780
3012(SEARS)	176	3152-159	175	3383	172A	3530-3	108	3558	123AP	3604-3(RCA)	172A	3677-2(RCA)	780
3012(Fisher)	126A	3152-170	130	3391	199	3531-021-000	7413	3558(RCA)	123AP	3606-1(RCA)	108	3677-3	780
3013(SEARS)	176	3152P	1938	3391(Sears)	199	3531-022-000	74190	3559-1(RCA)	123AP	3607	101	3677-3(RCA)	780
3014(SEARS)	102A	3155	172A	3391-1(RCA)	108	3531-023-000	74141	3559	159	3608(RCA)	128	3679	191
3016B	601	3156(SAVILLE)	377	3391A	199	3531-030-000	788	3559(RCA)	159	3608-1(RCA)	128	3679-1	154
3017	159	3160	5994	3391A(Sears)	199	3531-031-000	7115	3559-1	159	3608-2(RCA)	128	3680	319P
3017(E.F. Johnson)	159	3164(SAVILLE)	5452	3400-2412-3	903	3531-033-000	11115	3560	123AP	3608-2(J.C. Penney)	128	3680-1	319P
3018	108	3165	6402	3401N	992	3532	123AP	3560(RCA)	123AP	3608-3(RCA)	128	3680-2(RCA)	319P
3018(E.F. Johnson)	108	3170	5998	3402	123A	3532(RCA)	123AP	3560-1(RCA)	123AP	3609	101	3680-3(CEB-RCA)	229
3019	159	3175	289A	3403	977	3532-1	123AP	3560-2	123AP	3610(RCA)	108	3681-1	152
3019(EF Johnson)	126A	3176	289A	3425	100	3533	722	3560-2(RCA)	123AP	3610-1(RCA)	229	3681-1(RCA)	152
3020	108	3177(SAVILLE)	290A	3434	100	3533(RCA)	129	3561	123AP	3611-1(RCA)	152	3682(RCA)	185
3021	108	3180	5998	3435	100	3533-1	129	3561(RCA)	123AP	3612(RCA)	152	3682-1	162
3022	128	3182(Rad Shk)	194	3437P1(GE)	352	3533-1(RCA)	159	3561-1(RCA)	123AP	3612-1(RCA)	152	3683-1	162
3023	161	3189(SAVILLE)	378	3438	457	3534(RCA)	160	3561-1(GE)	128	3613	191	3683-2	130
3024	160	3190(Harmon Kardon)	181	3441	128	3535	319P	3562	159	3613(RCA)	191	3686(RCA)	222
3024(E.F. Johnson)	160	3190-070-00490	158	3456	176	3535(RCA)	319P	3562(RCA)	159	3613-2(GE)	191	3686-1	712
3024-1(RCA)	123A	3190-071-00000	123AP	3458	160	3535-1	319P	3562-1(RCA)	159	3613-2(RCA)	191	3686-1(RCA)	222
3025	160	3190-071-00010	123AP	3476(RCA)	161	3535-1(RCA)	319P	3563	159	3613-3	191	3687	154
3026	123A	3190-071-00020	374 + 373(CP)	3492(Rad Shk)	123AP	3535-110-50008	804	3563(RCA)	159	3613-4(RCA)	191	3688-1	5404
3027	161	3190-071-00030	123AP	3499	130	3535-110-50009	804	3563(PACE)	229	3613-5(RCA)	154	3693(Arvine)	108
3028	108	3190-071-00050	229	3500	100	3536	123AP	3563-1(RCA)	159	3614-1	123AP	3697-1	116
3029	107	3190-071-00070	229	3502(RCA)	704	3536(RCA)	123AP	3564(RCA)	162	3614-2(RCA)	123AP	3701	137A
3034(RCA)	128	3190-071-00080	229	3502-1(RCA)	704	3536-1	123AP	3564-1(RCA)	162	3614-3(RCA)	123AP	3702	137A
3052P	1934	3190-071-00120	159	3502-2(RCA)	704	3536-2	233	3565	123AP	3615(RCA)	123AP	3703	137A
3054	175	3190-071-00130	159	3503(RCA)	124	3537	233	3565(RCA)	123AP	3615-1(RCA)	123AP	3704	137A
3055-1	130	3190-071-00140	159	3504(RCA)	160	3537(RCA)	233	3565-1(RCA)	123AP	3616-1(RCA)	123AP	3714H1	130
3055-3	130	3190-071-00150	159	3505	109	3537-1(RCA)	233	3566	123AP	3616-1(RCA)	123AP	3714H1A	130
3059(RCA)	316	3190-071-00160	159	3505(RCA)	123A	3537-1(RCA)	233	3566(RCA)	123AP	3617	108	3721	175
3061	123A	3190-071-00211	123AP	3505(Airline)	178MP	3538	123AP	3567	427/128	3618(RCA)	222	3721	634
3064T	780	3190-071-00360	123AP	3506	143A	3538(RCA)	123AP	3567(RCA)	124	3618-1(RCA)	222	3740R	6357
3065D	712	3190-071-00380	374	3506(RCA)	123A	3538-1	123AP	3567-1(RCA)	124	3618-2(RCA)	222	3742	188
3065E	712	3190-071-00390	374	3507(RCA)	102A	3538-1(RCA)	123AP	3567-2(RCA)	184	3619-1(RCA)	5642	3746-00	129
3066D	728	3190-071-00450	229	3507(Sears)	107	3538-2	230	3567-4(RCA)	152	3619-2(RCA)	5642	3746-01	129
3066E	728	3190-071-00451	229	3507(Wards)	123A	3538-8	108	3568(Wards)	108	3620-1(RCA)	5642	3746-02	160
3067D	729	3190-071-00461	374 + 373(CP)	3508	128	3539	123AP	3568(RCA)	123AP	3620-2(RCA)	159	3755-1	5014A
3067E	729	3190-071-00480	186A	3508(RCA)	128	3539(RAM)	3539	3568-1(RCA)	123AP	3620-3(RCA)	159	3755-2	5014A
3068(Rad Shk)	123AP	3190-071-00500	323	3508(Wards)	108	3539(RCA)	123AP	3569	161	3620-4(RCA)	159	3771	181
3069(DEC)	284	3190-071-00520	159	3508(Sears)	161	3539-1(RCA)	123AP	3569(RCA)	123AP	3621(RCA)	152	3772-1	181
3069(Arvine)	116	3190-071-01000	123AP	3508-1(RCA)	128	3539-2(RCA)	123AP	3570	159	3622(RCA)	128	3772-2	181
3074A20	116	3190-071-01020	123AP	3509	108	3539-2DC	3539	3570-1(RCA)	159	3622-1(RCA)	128	3777-2(RCA)	145A
3074A21	116	3190-071-01040	123AP	3509(Sears)	123A	3539-2PC	3539	3570-2(RCA)	159	3622-2(RCA)	128	3784B	450A
3075D	723	3190-071-01070	123AP	3509(Wards)	123A	3539-307-001	108	3570-3(RCA)	159	3623-1(RCA)	152	3793	5547
3075E	723	3190-071-01080	123AP	3510(Wards)	123A	3539-307-002	108	3571	159	3623-2(RCA)	152	3803-8022	238
3075PC	723	3190-071-01090	123AP	3510(RCA)	123A	3539CN-4A	3539	3571(RCA)	123AP	3624-1(RCA)	185	3819(RCA)	312
3076HC	781	3190-071-01110	229	3510(Sears)	108	3539DC	3539	3571-1(RCA)	123AP	3624-2(RCA)	185	3843	152
3076PC	781	3190-071-01120	229	3511	108	3539PC	3539	3571-2(RCA)	123AP	3625(RCA)	123AP	3843(Harmon Kardon)	130
3078P	3000	3190-071-01160	229	3511(Sears)	312	3539UCC	3539	3571R	123A	3625-1	123AP	3843(Sears)	196
3087-2	3007	3190-071-01170	229	3512(Wards)	312	3539UPC	3539	3572(RCA)	123AP	3626-1(RCA)	123AP	3844(Harmon Kardon)	128
3087-3	3010	3190-071-01210	159	3512(RCA)	312	3540	159	3572-1(RCA)	123AP	3626-2(RCA)	123AP	3851	126A
3087-4	3011	3190-071-01220	159	3512(Sears)	312	3540-1(RCA)	159	3572-2(RCA)	123AP	3627	159	3852	100
3102(RCA)	367	3190-071-01230	159	3512(Wards)	312	3540-1(GE)	159	3572-3(RCA)	108	3627(RCA)	159	3867	123A
3103(RCA)	367	3190-071-01240	159	3513(Wards)	159	3541	123AP	3572-3(RCA)	123AP	3628	159	3868	195A
3105	5980	3190-071-01400	159	3513(Sears)	159	3541(RCA)	123AP	3574	159	3628-1(RCA)	171	3878	154
3107-108-40401	530	3190-071-01480	159	3513(RCA)	123A	3541-1	123AP	3574(RCA)	159	3628-2(RCA)	159	3880(MPU)	3880
3107-108-40404	530	3190-071-01570	123AP + 159(CP)	3514(Wards)	123A	3541-1(RCA)	123AP	3574-1	159	3629-1	188	3881	161
3107-108-40501	523/3306	3190-071-01600	123AP	3514(RCA)	123A	3541-2	123AP	3574-1(RCA)	159	3629-2	188	3881(PIO)	3881
3107-204-9000	123A	3190-071-02000	123AP	3514(Sears)	107	3543	123A	3575	233	3630	194	3882(CTC)	3882
3107-204-90010	123A	3190-071-02300	159	3514(RCA)	127	3543(RCA)	123A	3576	233	3631(RCA)	194	3888A-D13	5014A
3107-204-90020	123A	3190-071-03100	294 + 293(CP)	3514-1(RCA)	127	3543-1(RCA)	123AP	3576-1(RCA)	233	3631-1	194	3900N	992
3107-204-90100	107	3190-071-03110	152	3515(RCA)	127	3544	102A	3577(RCA)	123AP	3631-1(RCA)	194	3907	102
3107-204-90140	104	3190-071-33391	185	3516	108	3544(RCA)	123AP	3577-1	123AP	3632-1	196	3907(2N404A)	126A
3107-204-90150	199	3190-072-00000	109	3516(Wards)	108	3544-1	123AP	3578-1	102A	3632-2(RCA)			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
4002(Penncrest)	123A	4027-3F	2104	4073	4073B	4171P2(GE)	480	4358A	8181	4473-11	108	4607-1(RCA)	532
4002(PACE)	123A	4027-3N	2104	4073B	4073B	4178A	8081	4358A1	8181	4473-12	123A	4607-2(RCA)	532
4002A	4002B	4027-4F	2104	4073BDC	4073B	4178A1	8081	4363	126A	4473-9636	199	4607-5(RCA)	532
4002BDC	4002B	4027-4N	2104	4073BPC	4073B	4191A	8085	4363BLU	126A	4473-M3	128	4607-6(RCA)	532
4002BFC	4002B	4027B	4027B	4075	4075B	4191A1	8085	4363GRN	126A	4473-M12	128	4607-7(RCA)	531
4002BPC	4002B	4027BDC	4027B	4075B	4075B	4194A	8090	4363ORN	126A	4473-N	128	4607-8(RCA)	531
4003(SEARS)	109	4027BPC	4027B	4075BDC	4075B	4194A1	8090	4363WHT	126A	4474YEL	102	4607-9(RCA)	533
4003(TRANSISTOR)	123A	4028	4028B	4075BPC	4075B	4204A	8096	4364	126A	4475GRN	102	4607-10(RCA)	533
4003E	123A	4028BDC	4028B	4076	4076B	4204A1	8096	4365	126A	4476BLU	102	4608	121
4004	195A	4028BPC	4028B	4076(Johnson)	341	4208A	8098	4366	126A	4477PUR	102	4619RED	121
4004(E F JOHNSON)	329	4028BDC	4028B	4076B	4076B	4208A1	8098	4367	126A	4477V10	102A	4620GRN	121
4004(Penncrest)	102A	4028PC	4028B	4076BDC	4076B	4216	130	4367-001	129	4478	129	4621	126A
4004(Sears)	195A	4029	4029B	4076DC	4076B	4216(Harmon Kardon)	130	4368	160	4483	128	4622	105
4004(SEARS)	109	4029BDC	4029B	4076PDC	4076B	4218	192	4381P1	9914	4484	100	4623	127
4005(E F Johnson)	195A	4029BPC	4029B	4077BDC	4077B	4218(Harmon Kardon)	164	4398	102	4484-1	106	4624	123
4005(SEARS)	109	4030BDC	4030B	4077BPC	4077B	4218A	8103	4400Y	1211	4484-2	106	4627	102
4005(CB)	195A	4030BPC	4030B	4077BDC	4077B	4218A1	8103	4405	116	4485	100	4630	123
4006	4006B	4031BDC	4031B	4078BDC	4078B	4219	129	4409	801	4485-1	106	4632	126A
4006(Zener)	137	4031BPC	4031B	4078BPC	4078B	4219(Harmon Kardon)	185	4409(Pioneer)	1226	4486	100	4640	179
4006(E F Johnson)	128	4031P	1010	4078DC	4078B	4220	5252A	4415A	8213	4490	128	4640P	179
4006(SEARS)	109	4032-814-16420	123AP	4078PC	4078B	4221	5253A	4415A1	8213	4490-1	108	4648	154
4006B	4006B	4032P	1011	4080-187-0507	128	4222	5254A	4419-4	180	4490-7	152	4649	121
4006BDC	4006B	4032P-9M4	1011	4080-886-0001	175	4223	5255A	4420-1	175	4491-4	130	4652	127
4006BPC	4006B	4033(RAM)	2102	4080-886-2	175	4224	5257A	4421	5253A	4491-5	152	4653	139A
4007	195A	4034	4034B	4080-888-3	175	4225	5259A	4422	5254A	4491-6	184	4663	147A
4007(SEARS)	109	4034(RAM)	2102	4080-886-0006	196	4226	5260A	4423	5255A	4491-7	130	4677	126A
4007B	4007	4034BDC	4034B	4080-886-1	175	4227	5262A	4424	5257A	4491-8	130	4681-001(RCA)	222
4007BDC	4007	4034BPC	4034B	4080-886-2	175	4227A	8108	4425	5259A	4491-9	184	4681-1(RCA)	222
4007BPC	4007	4034BPC	4034B	4080-879-0001	196	4227A1	8108	4426	5260A	4501	126A	4682-001(RCA)	222
4008(E F Johnson)	311	4035(RCA)	190	4081B(C)	4081B	4228	5263A	4427	5262A	4509	126A	4682-1(RCA)	222
4008(SEARS)	109	4035B	4035B	4081BDC	4081B	4229	5265A	4428	5263A	4510B	4510B	4684-120-3	108
4008(E F Johnson)	128	4035BDC	4035B	4081BPC	4081B	4230	5266A	4429	5265A	4510BDC	4510B	4685-285-3	108
4008-102-7005-1	130	4036	4036B	4082B	4082B	4231	5268A	4430	5266A	4510BPC	4510B	4686-1(RCA)	712
4008-102-70120	130	4039	129-400	4082-501-0001	121	4232	5269A	4431	5268A	4511	4511B	4686-81-2	102A
4008B	4008B	4039-00	199	4082-748-0002	136A	4233	5270A	4432	5269A	4511B	4511B	4686-81-3	102A
4008BPC	4008B	4039-01	199	4082B	4082B	4234	5271A	4432P1(GE)	482	4511BPC	4511B	4686-82-3	123A
4008BDC	311	4040BDC	4040B	4082BDC	4082B	4235	5272A	4433	5270A	4512BDC	4512B	4686-87-3	117A
4008BPC	4008B	4040BPC	4040B	4082BPC	4082B	4236	5274A	4434	5271A	4512BPC	4512B	4686-89-3	125
4009	195A	4041-000-1018	109	4085BDC	4085B	4237	5278A	4435	5272A	4514B	4514B	4686-95-3	108
4009(Penncrest)	158	4041-000-10150	116	4085BDC	4085B	4238	5278A	4436	5274A	4514BDC	4514B	4686-97-3	125
4009(SEARS)	109	4041-000-10160	102A	4085BPC	4085B	4239A	8115	4437	5276A	4514BPC	4514B	4686-105-3	125
4010	123A	4041-000-30120	102A	4086	159	4239A1	8115	4437-1	787	4515B	4515B	4686-106-3	125
4010(E F Johnson)	108	4041-000-30180	102A	4086BDC	4086B	4239P1(GE)	5281	4437-1(RCA)	787	4515BDC	4515B	4686-107-3	108
4010(SEARS)	109	4041-000-40270	107	4086BPC	4086B	4240	5281	4437-2	787	4515BPC	4515B	4686-108-3	108
4010(PACE)	109	4041-000-40300	107	4087	159	4241	5282A	4437-2(RCA)	787	4516	4516B	4686-112-3	108
4010-2(Fisher)	123AP	4041-000-60170	107	4093	4093B	4242	5283A	4437-3	787	4516B	4516B	4686-114-3	108
4011(E F Johnson)	109	4041-000-60200	107	4093BDC	4093B	4242-P1(GE)	367	4437-3(RCA)	787	4516BDC	4516B	4686-116-3	117A
4011(Penncrest)	177	4041-000-80100	126A	4093BPC	4093B	4243	5284A	4438	5278A	4516BPC	4516B	4686-118-3	108
4011(SEARS)	109	4041-200-10180	109	4096(RAM)	2104	4243-P1(GE)	367	4438-1	788	4516BDC	4516B	4686-119-3	108
4011(PACE)	109	4041-200-40100	109	4098	4098B	4244	5285A	4438-1(RCA)	788	4516BPC	4516B	4686-120-3	108
4011(Transistor)	195A	4041BDC	4041	4098B	4098B	4244A	8118	4438-2	788	4520BDC	4520B	4686-126-3	108
4011(C)	4011B	4041BPC	4041	4098A	189	4244A1	8118	4438-2(RCA)	788	4520BPC	4520B	4686-127-3	108
4011A	4011B	4042BDC	4042B	4101-585	116	4244A1	8118	4438-3	788	4521BDC	4521B	4686-130-3	175
4011B	4011B	4042BPC	4042B	4102(RAM)	2102	4246	5285A	4438-3(RCA)	788	4521BPC	4521B	4686-131-3	108
4011BDC	4011B	4043	4043B	4104	329	4247	104	4438A	8226	4526BDC	4526B	4686-132-3	123A
4011BP	4011B	4043B	4043B	4104P1(GE)	339	4248	5291A	4438A1	8226	4526BPC	4526B	4686-139-3	125
4011BPC	4011B	4043BDC	4043B	4116(RAM)	2117	4249	5292A	4439-1	789	4526BDC	4526B	4686-140-3	108
4011DC	4011B	4043BPC	4043B	4117-1	99	4250	5294A	4439-1(RCA)	789	4526BPC	4526B	4686-143-3	123A
4011PC	4011B	4044	4044B	4117-2	949	4251	5296A	4439-2	789	4531BPC	4531B	4686-144-3	123A
4011-PC	4011B	4044B	4044B	4120I00600	109	4252A	8125	4439-2(RCA)	789	4531BPC	4531B	4686-145-3	194
4012(SEARS)	109	4044BDC	4044B	4124	5257A	4257A1	8125	4440	5281A	4532BDC	4532B	4686-147-3	117A
4012(E F Johnson)	195A	4044BPC	4044B	4125	5258A	4257A1	8125	4441	5282A	4532BPC	4532B	4686-148-3	117A
4012A	4012B	4045(RAM)	2114	4126(Transistor)	8139	4258A1	8139	4442	5283A	4532BDC	4532B	4686-149-3	116
4012BDC	4012B	4045BDC	4045B	4126(E F Johnson)	159	4259-1	757	4442(Zener)	5283A	4533BDC	4533B	4686-150-3	117A
4012BPC	4012B	4045BPC	4045B	4126(Zener)	5260A	4259-1(RCA)	757	4442-3	188	4543B	4543B	4686-151-3	117A
4013	159	4046(Sears)	123A	4127	5262A	4295-2	7638	4442-366	196	4545	126A	4686-163-3	102A
4013(E F Johnson)	195A	4046BDC	4046B	4128	5263A	4295-2(RCA)	7638	4443	5284A	4545BLU	126A	4686-169-3	108
4013(Rectifier)	116	4046BPC	4046B	4129	5265A	4300A	8149	4444	5285A	4545WHT	126A	4686-170-3	129
4013(VISCOUNT)	4013B	4046DC	4046B	4130	5266A	4300A1	8149	4445	5285A	4547A	427129	4686-172-3	108
4013B(C)	4013B	4046PC	4046B	4131	5268A	4306	128	4446	5286A	4552	144A	4686-173-3	123A
4013BDC	4013B	4047BDC	4047B	4132	5269A	4306(Harmon Kardon)	128	4447	5287A	4553BLU	102	4686-177-3	123A
4013BPC	4013B	4047BPC	4047B	4133	5270A	4309(Airline)	123A	4448	5291A	4553BRN	102	4686-179-3	125
4014	116	4049	4049	4134	5271A	4310(Airline)	129	4449	5292A	4553GRN	102	4686-183-3	123A
4014-000-10160	102A	4049BDC	4049	4135	5272A	4312(RCA)	154	4450	5294A	4553ORN	102	4686-184-3	125
4014-200-30110	177	4049BPC	4049	4136	5274A	4313	102	4450(Zener)	5294A	4553RED	102	4686-185-3	123A
4014BDC	4014B	4050	755	4136CP	997	4315	102	4451	100	4553V10	102A	4686-186-3	125
4014BPC	4014B	4050BDC	4050B	4137	5276A	4320	5252A	4451(Zener)	5296A	4553BDC	102	4686-187-3	125
4015BDC	4015B	4050BPC	4050B	4138	5278A	4321	5253A	4456	126A	4553BPC	102	4686-192-3	125
4015BPC	4015B	4051-300-10150	116	4140	5281A	4322	5254A	4457	126A	4555PDC	102A	4686-193-3	102A
4016	4016B	4051BDC	4051B	4141	5282A	4322-542	123A	4458	126A	4556BDC	4556B	4686-196-3	108
4016(RAM)	2128	4051BPC	4051B	4142	5283A	4323	5255A	4459	127	4556BPC	4556B	4686-199-3	125
4016(VISCOUNT)	4016B	4051P(C)	1150	4143	5284A	4324	5256A	4460	729	4558(C)	778A	4686-20	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
4709	108	4802-3274-200	182	4821-0644-012	320	4822-130-30692	110MP	4822-130-31008	3007	4822-130-40314	103A
4711(RAM)	2107	4803-0000-004	552	4822(EBC-GE)	85	4822-130-30693	519	4822-130-31011	519	4822-130-40315	159
4714	123	4803-0000-006	125	4822-128-00279	519	4822-130-30702	519	4822-130-31012	109	4822-130-40317	123AP
4715	130	4803-0000-027	5512	4822-130-20014	5405	4822-130-30703	519	4822-130-31013	3077	4822-130-40318	123AP
4715A	130	4803-0000-030	5812	4822-130-20016	5465	4822-130-30715	109	4822-130-31016	3010	4822-130-40319	103A + 158(CP)
4716(RAM)	2117	4803-0871-400	486	4822-130-20031	5465	4822-130-30716	109	4822-130-31017	552	4822-130-40328	126A
4722	121	4804-0000-031	5010A	4822-130-20033	5404	4822-130-30746	613	4822-130-31018	519	4822-130-40329	103A + 102A(CP)
4722BLU	121	4804-0870-700	457	4822-130-20037	5465	4822-130-30759	5011T	4822-130-31019	552	4822-130-40331	130MP
4722GRN	121	4804-0870-720	362	4822-130-20039	5405	4822-130-30776	5006A	4822-130-31022	116	4822-130-40332	123AP
4722ORN	121	4804-0870-890	454	4822-130-20041	5404	4822-130-30766	5013T1	4822-130-31027	3007	4822-130-40333	123AP
4722PUR	121	4804-3169-501	350	4822-130-20042	5465	4822-130-30767	5010T1	4822-130-31028	605A	4822-130-40335	160
4722RED	121	4804-3169-503	351	4822-130-20043(GAK)	5405	4822-130-30769	613	4822-130-31031	177	4822-130-40336	160
4722YEL	121	4804-3169-505	349	4822-130-20047	5404	4822-130-30774	5019T1	4822-130-31032	109	4822-130-40337	160
4727	121	4804-3169-511	349	4822-130-20051	312	4822-130-30776	125	4822-130-31033	552	4822-130-40338	123AP
4728	151A	4804-3169-502	479	4822-130-24035	5465	4822-130-30789	606	4822-130-31034	552	4822-130-40344	123AP
4729	179	4804-3169-604	473	4822-130-30006	109	4822-130-30798	116	4822-130-31035	5072A	4822-130-40345	160
4730	121	4804-3169-605	346	4822-130-30009	519	4822-130-30799	116	4822-130-31036	142A	4822-130-40348	159
4732	123A	4804-3169-606	346	4822-130-30039	519	4822-130-30802	5021T1	4822-130-31037	109	4822-130-40349	159
4733	123A	4804-3169-607	486	4822-130-30071	519	4822-130-30803	116	4822-130-31042	109	4822-130-40353	159
4734	123A	4804-3169-608	341	4822-130-30072	519	4822-130-30805	5010T1	4822-130-31043	178MP	4822-130-40354	159
4737	123A	4804-3170-902	350F	4822-130-30082	5011T1	4822-130-30806	5103A	4822-130-31046	116	4822-130-40355	159
4740	196	4804-3170-903	320F	4822-130-30084	109	4822-130-30813	116	4822-130-31047	116	4822-130-40356	123AP
4747	272	4804-3173-302	345	4822-130-30085	109	4822-130-30822	116	4822-130-31055	610	4822-130-40358	161
4756	161	4804-3173-302	345	4822-130-30088	109	4822-130-30823	580	4822-130-31056	5021T1	4822-130-40359	154
4765	123A	4804-3267-901	299	4822-130-30123	5010T1	4822-130-30828	116	4822-130-31059	125	4822-130-40361	159
4768	123A	4804-3268-801	352	4822-130-30124	5010T1	4822-130-30829	116	4822-130-31062	109	4822-130-40362	229
4774(DELCO)	4013B	4804-3268-801	352	4822-130-30131	5010T1	4822-130-30831	519	4822-130-31063	177	4822-130-40363	159
4777-026(RCA)	137A	4804-3268-804	367	4822-130-30132	5013T1	4822-130-30834	5003A	4822-130-31064	177	4822-130-40369	159
4777-1(RCA)	142A	4804-3269-805	368	4822-130-30134	5011T1	4822-130-30835	519	4822-130-31066	5342	4822-130-40376	229
4777-2(RCA)	145A	4804-3402-301	361	4822-130-30135	5013T1	4822-130-30836	519	4822-130-31069	5016A	4822-130-40382	103A + 102A(CP)
4777-7(RCA)	149A	4804-3411-800	352	4822-130-30139	177	4822-130-30839	519	4822-130-31071	519	4822-130-40384	160
4777-9(RCA)	144A	4805-0200-001	532	4822-130-30142	5011T1	4822-130-30841	519	4822-130-31072	519	4822-130-40385	160
4777-11(RCA)	147A	4805-0200-305	5010A	4822-130-30143	5011T1	4822-130-30845	610	4822-130-31073	116	4822-130-40391	159
4777-12(RCA)	147A	4805-0851-240	552	4822-130-30145	5021T1	4822-130-30846	109	4822-130-31074	116	4822-130-40392	159
4777-13(RCA)	148A	4805-1241-200	519	4822-130-30147	519	4822-130-30847	519	4822-130-31075	109	4822-130-40393	159
4777-14(RCA)	147A	4806-0000-004	116	4822-130-30163	5013T1	4822-130-30848	519	4822-130-31078	611	4822-130-40406	103A + 102A(CP)
4777-15(RCA)	147A	4806-0000-005	156	4822-130-30169	125	4822-130-30849	5812	4822-130-31078	611	4822-130-40428	158
4777-20(RCA)	5074A	4806-0000-013	5801	4822-130-30189	519	4822-130-30852	519	4822-130-31082	580	4822-130-40429	159
4777-23(RCA)	139A	4806-0645-075	112	4822-130-30191	109	4822-130-30853	519	4822-130-31085	3057	4822-130-40437	160
4777-25(RCA)	5020A	4807-1233-900	177	4822-130-30193	5011T1	4822-130-30855	3020	4822-130-31087	552	4822-130-40444	159
4778-1(RCA)	137A	4808-0000-007	135A	4822-130-30195	125	4822-130-30859	5013T1	4822-130-31088	116	4822-130-40445	85
4778-3(RCA)	116	4808-0000-009	5072A	4822-130-30197	116	4822-130-30862	5018A	4822-130-31089	5023A	4822-130-40449	130
4778-4(RCA)	156	4808-0000-012	137A	4822-130-30223	110MP	4822-130-30868	552	4822-130-31096	5021A	4822-130-40453	154
4778-5(RCA)	552	4808-0000-025	5018A	4822-130-30221	110MP	4822-130-30869	110MP	4822-130-31097	5031A	4822-130-40454	161
4778-6(RCA)	156	4808-0000-029	5018A	4822-130-30223	109	4822-130-30871	519	4822-130-31109	3007	4822-130-40456	154
4778-8(RCA)	156	4808-0000-031	5010A	4822-130-30224	109	4822-130-30872	116	4822-130-31111	5012A	4822-130-40459	229
4778-9(RCA)	116	4808-0000-037	5072A	4822-130-30225	109	4822-130-30873	581	4822-130-31114	116	4822-130-40461	229
4778-10(RCA)	116	4808-0000-042	5060A	4822-130-30226	519	4822-130-30874	580	4822-130-31116	601	4822-130-40474	103A
4778-11(RCA)	116	4808-0000-051	5019A	4822-130-30227	125	4822-130-30875	558	4822-130-31118	553	4822-130-40476	159
4778-14(RCA)	177	4808-0000-053	5037A	4822-130-30228	125	4822-130-30876	552	4822-130-31124	156	4822-130-40477	159
4778-16(RCA)	177	4809-0000-001	610	4822-130-30229	109	4822-130-30877	580	4822-130-31126	552	4822-130-40492	161
4778-21(RCA)	156	4809-0000-002	5072A	4822-130-30230	109	4822-130-30878	5135A	4822-130-31173	525	4822-130-40508	106
4781	197	4809-0000-027	552	4822-130-30239	177	4822-130-30881	613	4822-130-31201	552	4822-130-40514	85
4789	107	4809-1416-200	611	4822-130-30242	5013T1	4822-130-30882	116	4822-130-31206	616	4822-130-40515	199
4793(KLH)	722	4810-0000-013	185	4822-130-30247	5013T1	4822-130-30883	5304	4822-130-31208	607	4822-130-40522	159
4794(KLH)	781	4810-0000-017	183	4822-130-30256	552	4822-130-30884	109	4822-130-31209	606	4822-130-40523	158
4795	726	4810-0000-018	159	4822-130-30259	125	4822-130-30885	3020	4822-130-31211	116	4822-130-40524	130
4795(KLH)	726	4810-0000-019	219	4822-130-30261	167	4822-130-30887	610	4822-130-31212	156	4822-130-40525	159
4800-200	102A	4810-0000-020	182	4822-130-30264	135A	4822-130-30888	116	4822-130-31214	5013T1	4822-130-40527	159
4800-220	102A	4810-0000-022	183	4822-130-30265	519	4822-130-30889	5016A	4822-130-31217	5021T1	4822-130-40531	616
4800-221	102A	4810-0200-115	159	4822-130-30266	519	4822-130-30891	116	4822-130-31218	5011T1	4822-130-40536	165
4800-223	131MP	4810-0000-003	161	4822-130-30269	519	4822-130-30893	519	4822-130-31219	5011T1	4822-130-40537	184
4800-224	507	4810-0000-005	216	4822-130-30271	519	4822-130-30895	581	4822-130-31220	5011T1	4822-130-40538	160
4801-0000-001	159	4810-0000-010	128	4822-130-30273	177	4822-130-30897	125	4822-130-31221	3024	4822-130-40539	130MP
4801-0000-003	123A	4810-0000-012	123AP	4822-130-30279	168	4822-130-30901	5010T1	4822-130-31222	160	4822-130-40545	373
4801-0000-005	287	4810-0000-015	312	4822-130-30281	109	4822-130-30902	177	4822-130-31223	123AP	4822-130-40548	131MP
4801-0000-010	123A	4810-0000-021	184	4822-130-30284	5010T1	4822-130-30907	5018A	4822-130-31224	160	4822-130-40557	229
4801-0000-013	287	4810-0000-024	229	4822-130-30286	5013T1	4822-130-30911	5125A	4822-130-31225	160	4822-130-40567	154
4801-0000-016	123A	4810-0000-025	312	4822-130-30291	519	4822-130-30912	3022	4822-130-31226	199	4822-130-40568	373
4801-0000-018	229	4810-0000-026	159	4822-130-30295	581	4822-130-30913	611	4822-130-31227	158	4822-130-40569	374
4801-0000-035	108	4810-0000-027	123AP	4822-130-30297	5010T1	4822-130-30914	3007	4822-130-31228	103A	4822-130-40579	159
4801-0000-060	159	4810-0000-028	159	4822-130-30301	109	4822-130-30915	3020	4822-130-31229	229	4822-130-40580	160
4801-0000-095	161	4810-0000-030	457	4822-130-30302	519	4822-130-30918	3010	4822-130-31230	130	4822-130-40581	373(CP)
4801-0000-100	123A	4810-0000-031	185	4822-130-30303	519	4822-130-30919	125	4822-130-31231	130	4822-130-40582	199(2)
4801-0000-135											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
4822-130-41025.....229		4822-130-41185.....123A		4822-130-44568.....159		5101N60.....110MP		5322-130-30084.....109	
4822-130-41026.....185		4822-130-41186.....128		4822-130-50003.....5305		5101S34.....109		5322-130-30123.....5010T1	
4822-130-41027.....253 + 254(CP)		4822-130-41187.....153		4822-130-50084.....166		5112-025-07191.....109		5322-130-30131.....5010T1	
4822-130-41028.....164		4822-130-41188.....152		4822-130-50087.....166		5113.....219		5322-130-30132.....5011T1	
4822-130-41029.....246		4822-130-41191.....232		4822-130-50088.....166		5118.....219		5322-130-30134.....5011T1	
4822-130-41032.....165		4822-130-41193.....280		4822-130-50091.....5305		5120A90.....109		5322-130-30135.....5013T1	
4822-130-41034.....165		4822-130-41194.....374		4822-130-50096.....552		5122.....142A		5322-130-30138.....109	
4822-130-41035.....245		4822-130-41197.....85		4822-130-50153.....125		5122-010-89621.....130		5322-130-30139.....177	
4822-130-41037.....263 + 264(CP)		4822-130-41197.....85		4822-130-50157.....177		5122-010-93131.....519		5322-130-30142.....5011T1	
4822-130-41038.....332 + 331(CP)		4822-130-41198.....85		4822-130-50183.....166		5122-010-93161.....519		5322-130-30143.....5013T1	
4822-130-41039.....130MP		4822-130-41199.....285		4822-130-50185.....166		5122-028-50120.....123AP		5322-130-30145.....5021T1	
4822-130-41041.....382		4822-130-41200.....284		4822-130-50194.....5305		5124.....145A		5322-130-30152.....109	
4822-130-41042.....263		4822-130-41202.....159		4822-130-50196.....5305		5132.....147A		5322-130-30169.....5013T1	
4822-130-41044.....263 + 264(CP)		4822-130-41203.....289A		4822-130-50221.....116		5139.....149A		5322-130-30189.....519	
4822-130-41045.....263 + 264(CP)		4822-130-41205.....49		4822-130-50222.....552		5142.....150A		5322-130-30191.....109	
4822-130-41047.....165		4822-130-41206.....165		4822-130-50228.....552		5145.....151A		5322-130-30192.....125	
4822-130-41048.....165		4822-130-41209.....332		4822-130-50308.....166		5151.....151A		5322-130-30193.....5011T1	
4822-130-41049.....373		4822-130-41211.....263		4822-130-50314.....125(2)		5158(RCA).....797		5322-130-30195.....125	
4822-130-41051.....165		4822-130-41212.....264		4822-130-50316.....116		5158-1.....797		5322-130-30197.....116	
4822-130-41052.....159		4822-130-41213.....280 + 281(CP)		4822-130-50317.....116		5158-1(RCA).....797		5322-130-30219.....109	
4822-130-41053.....382		4822-130-41214.....165		4822-130-50318.....3074		5158-2.....797		5322-130-30221.....109	
4822-130-41054.....165		4822-130-41215.....85		4822-130-50319.....109		5158-3.....797		5322-130-30223.....109	
4822-130-41056.....383 + 382(CP)		4822-130-41217.....289A		4822-209-80444.....1566		5162-09425-00.....247		5322-130-30224.....109	
4822-130-41057.....246 + 247(CP)		4822-130-41222.....152		4822-209-80571.....926		5203N1.....178MP		5322-130-30225.....109	
4822-130-41058.....383 + 382(CP)		4822-130-41223.....960		4822-209-80587.....987		5203RNI.....115		5322-130-30226.....519	
4822-130-41059.....3032		4822-130-41224.....960		4822-209-80618.....928M		5203ZNI.....115		5322-130-30229.....125	
4822-130-41062.....176		4822-130-41225.....159		4822-209-80925.....1187		5210DC-1.....5801		5322-130-30232.....109	
4822-130-41063.....85		4822-130-41226.....234		4822-209-80933.....1439		5213-4000.....5882		5322-130-30239.....177	
4822-130-41065.....312		4822-130-41227.....123AP		4822-209-81118.....1580		5222.....142A		5322-130-30242.....5013T1	
4822-130-41066.....312		4822-130-41228.....229		4822-209-81194.....1231A		5224(SCR).....5527		5322-130-30256.....552	
4822-130-41067.....123AP		4822-130-41229.....123AP		4822-211-00855.....5305		5224(Zener).....145A		5322-130-30259.....154	
4822-130-41068.....165		4822-130-41231.....123AP		4822-720-38000.....125		5226-1.....159		5322-130-30261.....166	
4822-130-41071.....103A		4822-130-41232.....123AP		4822-720-92870.....159		5226-2.....123A		5322-130-30269.....519	
4822-130-41072.....158		4822-130-41233.....312		4822-813-70066.....108		5229-2(RCA).....985\$		5322-130-30273.....177	
4822-130-41073.....331		4822-130-41234.....222		4823(GE).....123AP		5230.....146A		5322-130-30279.....168	
4822-130-41074.....332		4822-130-41235.....222		4823-0018.....175		5232.....147A		5322-130-30281.....109	
4822-130-41075.....185 + 184(CP)		4822-130-41236.....222		4823-0031-01.....234		5233-7100.....7411		5322-130-30284.....5010T1	
4822-130-41076.....153 + 152(CP)		4822-130-41237.....331		4824(GE).....85		5239.....149A		5322-130-30286.....5013T1	
4822-130-41077.....130		4822-130-41238.....280 + 281(CP)		4824-0014.....199		5242.....150A		5322-130-30295.....581	
4822-130-41078.....383		4822-130-41239.....374		4824-0014-02.....199		5245.....151A		5322-130-30302.....5021T1	
4822-130-41079.....294 + 293(CP)		4822-130-41241(BEC).....395\$		4824-28-1.....311		5250-09515-00.....961		5322-130-30303.....519	
4822-130-41082.....284		4822-130-41243.....271		4824-33.....128		5253.....104		5322-130-30323.....519	
4822-130-41083.....285		4822-130-41244.....270		4825.....229		5258.....128		5322-130-30324.....5011T1	
4822-130-41084.....287		4822-130-41245.....253 + 254(CP)		4826.....108		5259.....196		5322-130-30326.....5006A	
4822-130-41085.....379		4822-130-41246.....298		4826(EBC-GE).....85		5280(RAM).....2107		5322-130-30346.....5021T1	
4822-130-41086.....184		4822-130-41247.....375 + 398(CP)		4828-4.....109		5280-09407-X0.....7447		5322-130-30349.....168	
4822-130-41087.....383		4822-130-41249.....284		4830-8201-001.....5016A		5280-09407-X0(Williams).....7447		5322-130-30365.....5010T1	
4822-130-41089.....284MP		4822-130-41251.....284		4831-0001-001.....5015A		5280-09475.....7411		5322-130-30366.....519	
4822-130-41091.....332 + 331(CP)		4822-130-41252.....234		4831-1002-002.....140A		5280-09475(Williams).....7411		5322-130-30391.....109	
4822-130-41092.....184		4822-130-41253.....159		4837.....108		5280-09476-X0.....7421		5322-130-30402.....5019T1	
4822-130-41093.....185 + 184(CP)		4822-130-41254.....128		4838.....154		5280-09476-X0(Williams).....7421		5322-130-30414.....166	
4822-130-41094.....298		4822-130-41256.....288		4839.....123A		5280-09477-00.....7432		5322-130-30521.....168	
4822-130-41095.....123AP		4822-130-41257.....85		4840.....123A		5280-09478-00.....7474		5322-130-30571.....519	
4822-130-41096.....199		4822-130-41258.....85		4841.....123A		5280-09479-00.....7486		5322-130-30574.....125	
4822-130-41097.....374		4822-130-41259.....85		4842.....123A		5280-09481-00.....74153		5322-130-30576.....125	
4822-130-41098.....159		4822-130-41261.....123A		4843.....154		5280-09482-00.....74165		5322-130-30578.....5010T1	
4822-130-41099.....108		4822-130-41262.....123AP		4844.....159		5280-09530-00.....7420		5322-130-30581.....5013T1	
4822-130-41101.....123AP		4822-130-41263.....229		4845.....108		5280-09547-00.....7427		5322-130-30592.....519	
4822-130-41103.....159		4822-130-41264.....165		4846-1.....949		5280-09549-00.....7405		5322-130-30593.....109	
4822-130-41106.....288		4822-130-41265.....159		4846-2.....949		5281-09215-00.....74LS04		5322-130-30613.....519	
4822-130-41107.....2310		4822-130-41266.....290A		4850.....141A		5281-09246-00.....74LS139		5322-130-30621.....519	
4822-130-41109.....374		4822-130-41268.....123A		4850-0000-010.....912		5281-09487-00.....74LS74A		5322-130-30629.....116	
4822-130-41113.....229		4822-130-41271.....85		4850-0000-011.....778A		5280-09488-00.....74LS107		5322-130-30664.....613	
4822-130-41114.....152		4822-130-41273.....552		4850-0000-012.....923		5281-09485-00.....74LS257		5322-130-30668.....558	
4822-130-41119.....125		4822-130-41276.....280 + 281(CP)		4850-0000-017.....778A		5281-09486-00.....74LS374		5322-130-30702.....519	
4822-130-41122.....62		4822-130-41279.....2310		4850-0000-019.....987\$		5280-09487-00.....74LS74A		5322-130-30715.....109	
4822-130-41124.....159		4822-130-41281.....271		4850-0000-025.....928M		5290(RAM).....2117		5322-130-30746.....613	
4822-130-41125.....210		4822-130-41282.....270		4850-0000-029.....960		5300-2.....5626		5322-130-30759.....5011T1	
4822-130-41126.....108		4822-130-41286.....199		4850-0000-030.....987		5300-3.....5626		5322-130-30765.....5006A	
4822-130-41127.....199		4822-130-41287.....199		4850-0000-038.....964		5300-82-3.....125		5322-130-30766.....5013T1	
4822-130-41128.....185		4822-130-41288.....377		4850-0001-010.....912		5300-82-4.....125		5322-130-30767.....5010T1	
4822-130-41129.....184		4822-130-41289.....378		4850-0645-074.....927D		5300-82-1003.....117A		5322-130-30769.....613	
4822-130-41131.....123AP		4822-130-41291.....90		4851.....107		5300-88-1.....116		5322-130-30774.....5019T1	
4822-130-41132.....159		4822-130-41293.....87		4851(ZENER).....141A		5300-88-1.....116		5322-130-30826.....616	
4822-130-41133.....123AP		4822-130-41294.....293		4851-4001-001.....4001B		5300-88-2.....117A		5322-130-30828.....5010T1	
4822-130-41135.....234		4822-130-41296.....374		4851-4010-601.....4010B6		5300-88-3.....125		5322-130-30843.....5003A	
4822-130-41136.....374		4822-130-41297.....398		4851-4011-001.....4011B		5300-88-1002.....125		5322-130-30849.....606	
4822-130-41137.....199		4822-130-41298.....290A		4851-4028-001.....4028B		5300-88-1003.....125		5322-130-30869.....5021T1	
4822-130-41138.....280		4822-130-41301.....86		4851-4029-001.....4029B		5300-88-1004.....125		5322-130-30871.....116	
4822-130-41139.....382		4822-130-41302.....42		4851-4052-001.....4052B		5300-94-1.....116		5322-130-30881.....116	
4822-130-41141.....373		4822-130-41303.....373		4851-4076-001.....4076B		5300-95-1.....116		5322-130-30884.....5038A	
4822-130-41142.....312		4822-130-41304.....90		4851-4093-001.....4093B		5300-98-1.....116		5322-130-30887.....5013T1	
4822-130-41144.....153 + 152(CP)		4822-130-41305.....375		4851-4514-001.....4515B		5300-99-3.....116		5322-130-30893.....116	
4822-130-41145.....185		4822-130-41306.....85		4852.....123A		5300-99-3.....116		5322-130-30917.....5021T1	
4822-130-41146.....159		4822-130-41307.....229		4853.....154		5300-99-4.....116		5322-130-30923.....5010T1	
4822-130-41148.....199		4822-130-41308.....229		4854.....123A		5301-06-1.....116		5322-130-30927.....519	
4822-130-41149.....281		4822-130-41309.....383(2)		4855.....108		5301-06-1001.....125		5322-130-30929.....5019T1	
4822-130-41151.....284		4822-130-41317.....290A		4856-0101.....123A		5301-09-1.....116		5322-130-30932.....580	
4822-130-41152.....457		4822-130-41318.....290A		4856-0106.....159		5301-11-1.....117A		5322-130-30935.....109</	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
5322-130-44568	159	5611-628D	159	5614-571(K)	293	5778-1(RCA)	56008	6171-031(RCA)	558	6531	107	7117(GE)	108
5322-130-44617	159	5611-629	159	5615-1	11768	5778-2(RCA)	56008	6171-044(RCA)	552	6532(RAM,I/O)	6532	7118	108
5322-130-44649	186A	5611-631(W)	123A	5615-2	11768	5779-1(RCA)	5655	6171-11(RCA)	558	6551	722	7120	108
5322-130-44724	5305	5611-633(D)	159	5616-2SK33(D)	312	5780-004(RCA)	230	6171-12(RCA)	515	6562-O	290A	7120A(G.E.)	712
5322-130-50003	5305	5611-673D	159	5616-2SK33(E)	312	5780-1	230	6171-13(RCA)	558	6570(IC)	771A	7120S	123A
5322-130-50157	177	5611-685	193	5616-2SK33D	312	5780-14(RCA)	5511	6171-14(RCA)	515	6572(IC)	778A	7122	108
5322-130-50195	5305	5611-695C	193	5616-2SK33E	312	5780-4	230	6171-15(RCA)	515	6604(RAM)	2104	7122-5	123A
5322-130-50197	5305	5611-733(Q)	294	5616-2SK49(E)	312	5780-4(RCA)	230	6171-17(RCA)	506	6604A(RAM)	2104	7123	108
5322-130-50315	5313	5611-733(P)	290A	5616-2SK168(D)	312	5780-6	230	6171-18	506	6605(RAM)	2107	7124	108
5322-209-10002	4013B	5611-753(C)	153	5616-3SK45(B)	454	5780-6(RCA)	5351	6171-19(RCA)	515	6605A(RAM)	2107	7125	108
5322-209-14066	4073B	5611-836E	234	5616-3SK45B	454	5781-004(RCA)	5402	6171-20(RCA)	515	6629	125	7126	108
5322-209-14068	4050B	5611-844E	234	5617-004(RCA)	1175	5781-2(RCA)	5401	6171-21(RCA)	515	6629-A05	125	7127	108
5322-209-14121	4053B	5611-844E	234	5617-2	1175	5781-4	5402	6171-22(RCA)	506	6651-486	128	7128	108
5322-209-14269	4040B	5611-872(E)	91	5617-3A(RCA)	1175	5781-4(RCA)	5402	6171-24(RCA)	558	6664(RAM)	6664	7129	123A
5322-209-14561	4516B	5612-75C	102A	5617-4(RCA)	1175	5802B	448B	6171-25(RCA)	552	6665(RAM)	2164	7131	108
5322-209-86234	778A	5612-77C	102A	5624	1253	5802B-14	448B	6171-26(RCA)	525	6689-1(RCA)	616	7132	108
5324	5130	5612-324(B)	159	5629-1(RCA)	8856	5805B	448E	6171-27(RCA)	558	6690-1(RCA)	177	7133	108
5326	5126A	5612-370	102A	5631-0A90	109	5805B-24	448E	6171-28	516	6690-2(RCA)	177	7134	108
5326	5133A	5612-370C	102A	5631-0A90M	109	5806-0000-013	5801	6171-29(RCA)	552	6701-1(RCA)	1177	7140	541
5327	5135A	5612-549R	374	5631-1K34A	109	5807B	448G	6171-30(RCA)	552	6796-100(RCA)	844	7140B	541
5328	5136A	5612-561C	298	5631-1N34A	109	5807B-40	448G	6171-31(RCA)	558	6800	6800	7149A	712
5328	5136A	5612-653C	88	5631-1N60	109	5815	723	6171-32(RCA)	552	6800C	6800	7161	OBS-NLA
5328	5136A	5612-722(R)	285	5631-1N60P	109	5829-501(RCA)	189	6171-33(RCA)	558	6800N	6800	7161(Wurlitzer)	OBS-NLA
5330-732	177	5613-1S2076	177	5631-1S2076	177	5829-502(RCA)	189	6171-34(RCA)	558	6800P	6800	7171	123A
5331	5141A	5613-46B	108	5631-1S2473	519	5829-503(RCA)	188	6171-35(RCA)	552	6802	6802	7171(GE)	123A
5332	5142A	5613-458	289A	5631-2-1K261	110MP	5829-504(RCA)	188	6171-36	525	6802C	6802	7172	123A
5333	5143A	5613-458B	289A	5631-20A90	110MP	5847(RCA)	184	6171-36(RCA)	525	6802P	6802	7172-54	105
5334	5144A	5613-458C	289A	5631-20A90H	110MP	5861	125	6171-37(RCA)	552	6802T	6802	7173	108
5335	5145A	5613-458D	289A	5631-MA150	177	5880	1198	6171-39(RCA)	525	6809(MPU)	6809	7174	108
5336	5146A	5613-458LGC	289A	5632-1S2226	116	5908P5	4900	6171-41	581	6809E(MPU)	6809E	7175	108
5337	5147A	5613-460	107	5632-1SR35-10	116	5909-001	181	6171-44(RCA)	552	6810(RAM)	6810	7176	123A
5340	5151A	5613-460(B)	85	5632-51B01-02	116	5914-501(RCA)	503	6171-46(RCA)	552	6818	105	7177	108
5340-09409-XO(Williams)	2114	5613-460A	107	5632-AN217	1060	5923	5801	6179-007(RCA)	109	6820(PIA)	6821	7177S	108
5340-09468-00	2117	5613-460B	107	5632-AN217BB	1060	5932	789	6179-11(RCA)	109	6821(PIA)	6821	7178	108
5341	5152A	5613-460C	107	5632-H211A	140A	5935-01-123-6395	209	6179-7(RCA)	109	6839(GE)	339	7204A	804
5342	5153A	5613-461	229	5632-S1B01-02	116	5961-01-069-7737	109	6181-1	154	6850(ACIA)	6850	7204A(Sears)	804
5342	5155A	5613-461(B)	85	5632-S1B01-02	552	5961-00-071-1699	102A	6183-2(RCA)	119	6854K90-082	159	7206-0	120
5344	5156A	5613-461B	85	5632-V03C	125	5961-00-336-9367	123A	6183-4(RCA)	503	6854K90-074	123A	7209A	120
5345(Zener)	5157A	5613-461C	229	5632-W03B	116	5961-00-336-9368	159	6183-5(RCA)	506	6855K90	106	7211-9	116
5345-1	1174	5613-535	107	5632-W06A	116	5961-00-489-4874	5372	6183-6(RCA)	119	6860-1(RCA)	532	7212-3	116
5348	5158A	5613-535(B)	107	5632-W06B	116	5961-00-615-0195	5010A	6183-8(RCA)	119	6860-2(RCA)	537	7212-3A	116
5348	5161A	5613-535A	107	5632-W03B	116	5961-00-865-0731	113A	6185-3	108	6865-1(RCA)	532	7213	152
5350	5164A	5613-535B	107	5633-1S2790(W)	613	5961-00-988-7738	5874	6188-1(RCA)	123AP	6875(Clock)	6875	7213(Diode)	116
5351	5166A	5613-535C	107	5633-1S2790VW	613	5961-00-988-8784	102	6201	159	6889	6889	7213-0	117A
5361-1N60P	110MP	5613-558C	123A	5633-MV201	611	5961-01-035-6099	139A	6221	221	6900K91-002	9944	7213-7	116
5380-21	116	5613-710(B)	123AP	5635-EQA01-20	5029A	5961-01-036-4639	5097A	6227	222	6900K91-003	9946	7214	108
5380-71	123A	5613-710B	123AP	5635-EQA0106T	137A	5961-01-061-2050	236	6284	128	6900K91-004	9962	7214(Lowrey)	130
5380-72	123A	5613-710C	123AP	5635-H26B1	5011T	5961-01-098-0841	165	6285	129	6900K91-006	9936	7214-6	125
5380-73	128	5613-710-D	123AP	5635-H211A	140A	5961-01-103-0633	5685	6300-1	74S387	6900K91-007	9932	7214A	130
5380-73(Power)	175	5613-710D	123AP	5635-M2301A	140A	5961-01-104-2265	222	6300-1J	74S387	6900K91-009	9157	7215	108
5402	156	5613-710E	123AP	5635M2309B	139A	5961-01-105-9134	5324	6300-1N	74S387	6900K93-001	9951	7215-0	102A
5416	116	5613-711	123A	5635-M2309B	139A	5961-01-106-0166	168	6301-1	74S287	6900K93-002	9941	7215-1	125
5417F	85	5613-711E	123A	5635-M2310A	140A	5961-01-106-4448	5414	6301-1J	74S287	6900K95-001	9089	7215-2	125
5417G	85	5613-711F	199	5635-RD5R6EC	5011A	5961-01-110-4642	125	6301-1N	74S287	6900K95-002	9083	7216	108
5417H	85	5613-711G	199	5635-RD6R2EB	5013A	5961-01-118-9015	280	6305-1	74S570	6930-1(RCA)	505	7217	108
5430-08972-00	6821	5613-828	199	5635-RD13EB	5022A	5961-01-137-3868	266	6305-1J	74S570	6930-2(RCA)	505	7218	108
5431-09449(Williams)	955M	5613-828(R)	85	5635-RD13EB2	5022A	5961-01-143-5001	512	6305-1N	74S570	6933-501(RCA)	505	7219	108
5459	312	5613-828S	199	5635-RD15EB	5024A	5961-01-143-9168	121	6306-1	74S571	6933-503(RCA)	505	7219-3	131
5464	102A	5613-839(H)	123A	5635-RD27EB	5033A	5961-01-146-7421	5800	6306-1J	74S571	6954K90-074	123A	7220	108
5470-2(RCA)	503	5613-833L	192A	5635-UZ5R6BM	5011A	5961-01-148-4907	511	6306-1N	74S571	6990	160	7221	108
5470-501(RCA)	504	5613-870	123A	5635-UZ10BL	5019A	5962-00-117-8725	9924S	6313	160	7001(DARLINGTON)	172A	7221A	712
5470-502(RCA)	503	5613-870F	123A	5635-ZB1-10	140A	5962-00-469-9262	9982	6330-1	74S188	7001(E.F. Johnson)	123A	7232	108
5470-503(RCA)	503	5613-871	199	5636-1S953	177	5962-01-109-8837	7416	6330-1J	74S188	7005G(Lowrey)	123A	7233	229
5470-504(RCA)	504	5637-1(RCA)	199	5637-1(RCA)	986	5962-01-110-1747	7414	6330-1N	74S188	7013-1(RCA)	221	7234	108
5489(KLH)	718	5637-3(RCA)	986	5637-3(RCA)	986	5962-01-110-1748	7408	6331-1	74S288	7014-1(RCA)	222	7234	108
5504	181	5637-945(K)	85	5637-SR105D	3007	5962-01-110-1749	7417	6331-1J	74S288	7018-002(RCA)	108	7235	108
5505	181	5637-945(L)	85	5638-010(RCA)	844	6001	1115	6331-1N	74S288	7018-2(RCA)	108	7236	229
5506	5002A	5637-945(K)	85	5638-5(RCA)	844	6003	312	6340-1	74S287	7019-1(RCA)	108	7236S	108
5507	5004A	5613-1209	192	5639-10(RCA)	844	6007-3	708	6340-1J	74S287	7040-1(RCA)	553	7237	108
5508	5005A	5613-1209C	192	5641-1S1211	601	6008	160	6340-1N	74S475	7022-1(RCA)	553	7238	108
5508(RAM)	6508	5613-1213D	128	5641-1S1212	601	6008(E.F. Johnson)	160	6341-1	74S474	7022-2(RCA)	553	7239	102
5509	5006A	5613-1312	199	5641-MV11	116	6011	312	6341-1J	74S474	7023-002(RCA)	614	7242	108
5510	5007A	5613-1312G	199	5641-VD1220	605A	6011(Fisher)	312	6341-1N	74S474	7032-2(RCA)	614	7243	108
5511	5008A	5613-1312H	199	5649-3(RCA)	1652	6013	312	6341-1N	74S474	7040-1(RCA)	616	7243S	108
5512	5009A	5613-1317(Q)	289A	5652-AN217	1060	6014	312	6348-1	74S473	7044-1(RCA)	616	7261	229
5513	5010A	5613-1327	199	5652-AN217BB	1060	6014(Fisher)	312	6348-1J	74S473	7046-004(RCA)	142A	7262	108
5513-1(RCA)	222	5613-1327T	199	5652-AN7218	1563	6018(Peavey)	373	6348-1N	74S473	7046-1(RCA)	145A	7263	229

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
7311(GE)	124	7364-1(RCA)	196	7409-1(RCA)	222	7473PC	7473	7590	123A	7920-1	196	8000-00006-201	116
7312	124	7364-6053P1	196A	7409PC	7409	7474	7474	7590(GE)	123A	7921	5802	8000-00006-230	237
7313(Transistor)	124	7366	165	7410	7410	7474-6A	7474	7591(GE)	123A	7921-1	197	8000-00006-230(3)	238
7313(IC)	713	7366-1(RCA)	165	7410-6A	7410	7474-9A	7474	7593-2	108	7924C(VR)	971	8000-00006-231	116
7314	116	7367-1(RCA)	395	7410-9A	7410	7474-9N74	7474	7610R	3062	7949-1(RCA)	616	8000-00006-232	139A
7316	188	7368(RCA)	222	7410N	7410	7474N	7474	7611R	3053	7949-3(RCA)	616	8000-00006-278	295
7316-1(RCA)	188	7368-1	222	7410PC	7410	7474PC	7474	7620V	3054	7949-6(RCA)	616	8000-00006-279	295
7317	124	7368-2	222	7411-6A	7411	7475-6A	7475	7621V	3055	7962	116	8000-00006-280	123A
7317-1(RCA)	189	7368-4(RCA)	222	7411-9A	7411	7475-9A	7475	7623	159	7964-1	350	8000-00006-281	519
7318	123AP	7369-1	222	7411PC	7411	7475DC	7475	7626	159	7964-2	350	8000-00009-089	199
7318-1	194	7369-2(RCA)	222	7412	7412	7475PC	7475	7630G	3063	7964-3	350	8000-00009-174	123A
7318-2	194	7370	165	7412DC	7412	7476	7476	7631G	3054	7964-4	350	8000-00009-177	229
7318-2(RCA)	194	7370-1(RCA)	165	7412PC	7412	7476-6A	7476	7636	991	7981	199	8000-00009-178	312
7318-7	123AP	7372-1	222	7413	184	7476-9A	7476	7637	123A	7992	123A	8000-00009-280	123A
7318-7(RCA)	123AP	7373-1(RCA)	159	7413-1(RCA)	186	7476PC	7476	7638	294	7993	158	8000-0001-017	312
7320-1(RCA)	162	7373-2(RCA)	159	7413PC	7413	7480DC	7480	7638(C)	7420	8000-0001-068	102A	8000-0004-042	109
7321	194	7374-2(RCA)	123AP	7414	152	7480PC	7480	7639	294	8000-0003-033	123A	8000-0004-063	109
7321-004(RCA)	287	7374-3(RCA)	123AP	7414-1(RCA)	373	7481	7481	7640	128	8000-0003-034	233	8000-0004-066	177
7321-1(RCA)	194	7374-4(RCA)	123AP	7414PC	7414	7481CDC	7481	7641	123A	8000-0003-035	289A	8000-0004-066	103A
7321-2(RCA)	287	7375-6(RCA)	172A	7416PC	7416	7481PC	7481	7642	108	8000-0003-036	289A	8000-0004-P083	195A
7321-3(RCA)	287	7376-1	222	7417(IC)	7417	7482-6A	7482	7637(GE)	123AP	8000-0003-037	290A	8000-0004-P084	195A
7322	175	7376-1(RCA)	222	7417NA	7417	7482-9A	7482	7675	123A	8000-0003-038	102A	8000-0004-P090	724
7322-1(RCA)	175	7376-2	222	7417PC	7417	7482DC	7482	7676	123A	8000-0003-039	102A	8000-0004-P185	186
7325	123AP	7376-2(RCA)	222	7419	708	7482PC	7482	7701	125	8000-0003-040	131	8000-0004-P060	109
7325-1	123AP	7376-3(RCA)	222	7420	153	7483DC	7483	7702-1A	125	8000-0003-041	299	8000-0004-P061	177
7325-1(RCA)	123AP	7376-5(RCA)	222	7420(IC)	7420	7483PC	7483	7704-1	125	8000-0003-042	299	8000-0004-P062	177
7325-3(RCA)	123AP	7377-2(RCA)	107	7420-1(RCA)	159	7485DC	7485	7706-1	125	8000-0003-043	299	8000-0004-P063	109
7327-2(RCA)	123AP	7377-3	229	7420-6A	7420	7485PC	7485	7707	5065A	8000-0003-044	116	8000-0004-P064	177
7329	128	7377-3(RCA)	229	7420-9A	7420	7486PC	7486	7708	5111A	8000-0003-045	109	8000-0004-P065	139A
7330	159	7377-4(RCA)	107	7420N	7420	7490	7490	7709-1	125	8000-0003-046	177	8000-0004-P066	177
7330-1	159	7377-6	108	7420PC	7420	7490-6A	7490	7708	5112A	8000-0004-044	116	8000-0004-P067	116
7330-1(RCA)	159	7377-6(RCA)	108	7421	7421	7490-9A	7490	7710	5112A	8000-0004-045	109	8000-0004-P068	116
7330-2	159	7377-7	229	7421-1(RCA)	184	7490DC	7490	7711	5114A	8000-0004-060	109	8000-0004-P079	123A
7330-3	159	7377-7(RCA)	108	7422	7422	7490N	7490	7711-1	125	8000-0004-061	177	8000-0004-P080	312
7330-4	159	7380-1(RCA)	238	7422PC	7422	7490PC	7490	7712	5115A	8000-0004-062	177	8000-0004-P081	312
7330-5(RCA)	159	7380-2(RCA)	389	7423	708	7491DC	7491	7712-1	125	8000-0004-063	109	8000-0004-P082	123A
7330-6	159	7380-3	238	7423-001(RCA)	89	7491PC	7491	7713	135A	8000-0004-064	116	8000-0004-P083	128
7330-6(RCA)	159	7381-2	123AP	7423-1(RCA)	89	7492-6A	7492	7713-1	125	8000-0004-065	139A	8000-0004-P084	128
7330-9(RCA)	159	7382-1(RCA)	5400	7423PC	7423	7492-9A	7492	7714	5117A	8000-0004-066	177	8000-0004-P085	123A
7330-10(RCA)	159	7391BT(Delco)	29	7425	108	7492DC	7492	7715	5119A	8000-0004-067	177	8000-0004-P086	103A
7330-12	159	7391-BT(Delco)	29	7425PC	7425	7492PC	7492	7717	5121A	8000-0004-068	116	8000-0004-P088	102A
7330-15(RCA)	159	7392-1	108	7426	108	7493	7493A	7718	5122A	8000-0004-079	123A	8000-0004-P089	159
7331-1(RCA)	196	7392-1(RCA)	108	7426PC	7426	7493-6A	7493A	7719	5124A	8000-0004-080	312	8000-0005-001	312
7333-1(RCA)	123AP	7392-2(RCA)	108	7427	108	7493-9A	7493A	7720	5125A	8000-0004-081	312	8000-0005-002	107
7334	123AP	7393-1	49	7427PC	7427	7493-9393	7493A	7720(TRANSISTOR)	5125A	8000-0004-082	123A	8000-0005-003	107
7334-1	123AP	7393-2(RCA)	49	7428(IC)	7428	7493APC	7493A	7721	5126A	8000-0004-083	237	8000-0005-007	123A
7335	165	7393-5(RCA)	152	7428(Transistor)	108	7493DC	7493A	7724	5130A	8000-0004-084	237	8000-0005-008	130
7335-1(RCA)	165	7398-6117P1	123A	7428A	7428	7493N	7493A	7725	5131A	8000-0004-085	289A	8000-0005-009	123A
7338-5(RCA)	128	7398-6118P1	123A	7429	123A	7493PC	7493A	7726	5133A	8000-0004-086	103A	8000-0005-010	128
7338-6	128	7398-6119P	123A	7430	123A	7494DC	7494	7727	5135A	8000-0004-087	300	8000-0005-011	128
7338-7(RCA)	128	7398-6119P1	123A	7430-6A	7430	7494PC	7494	7728	5136A	8000-0004-088	102A	8000-0005-015	109
7339	159	7398-6120P	300	7430-9A	7430	7495DC	7495	7729	5137A	8000-0004-089	199	8000-0005-016	109
7339-006(RCA)	159	7398-6120P1	300	7430N	7430	7495PC	7495	7730	5139A	8000-0004-090	724	8000-0005-017	109
7339-1	159	7399-005(RCA)	152	7430PC	7430	7496DC	7496	7731	5141A	8000-0004-85	123A	8000-0005-018	109
7339-3	159	7399-4	152	7431	123A	7496PC	7496	7732	5142A	8000-0004-184	177	8000-0005-019	138A
7339-3(RCA)	159	7399-5	152	7432	123A	7501	289A	7732(GE)	159	8000-0004-185	186	8000-0005-020	137A
7339-6	159	7399-5(RCA)	152	7432PC	7432	7501(WURLITZER)	123AP	7733	5143A	8000-0004-239	137A	8000-0005-021	139A
7339-6(RCA)	159	7399-6(RCA)	375	7433(IC)	7433	7502	199	7734	5144A	8000-0004-241	130	8000-0005-022	116
7339-7(RCA)	159	7399-8(RCA)	152	7433(Transistor)	123A	7503	159	7735	5145A	8000-0004-242	289A	8000-0005-023	109
7340	106	7400	7400	7437(GE)	198	7503(WURLITZER)	159	7736	5146A	8000-0004-243	123A	8000-0005-089	123A
7340-2	123AP	7400-1(RCA)	123AP	7437PC	7437	7505	289A	7737	5147A	8000-0004-298	229	8000-0010-017	312
7341	505	7400-6A	7400	7438PC	7438	7505(WURLITZER)	123AP	7738	5148A	8000-0004-305	703	8000-0010-109	177
7342-1(RCA)	123AP	7400-9A	7400	7439DC	7439	7506	123A	7739	5150A	8000-0004-306	1045	8000-0011-004	123A
7343-1	123A	7400-9N00	7400	7439PC	7439	7506(WURLITZER)	123AP	7740	5151A	8000-0004-307	1075A	8000-0011-041	116
7343-1(RCA)	123AP	7400A	7400	7440	708	7507	128	7741	5152A	8000-0004-308	1021	8000-0011-042	177
7343-2(RCA)	123AP	7400N	7400	7440-6A	7440	7507(WURLITZER)	123AP	7753DMP	9602	8000-0004-P079	123A	8000-0011-043	139A
7343-3(RCA)	123AP	7400PC	7400	7440-9A	7440	7508	129	7792	788	8000-0004-P080	312	8000-0011-044	116
7344	177	7401-1	159	7440PC	7440	7508(WURLITZER)	159	7796-1(RCA)	477	8000-0004-P081	312	8000-0011-045	601
7344-1	123A	7401-6A	7401	7441-6A	7441	7509(WURLITZER)	123AP	7805(VR)	960	8000-0004-P082	128	8000-0011-046	109
7344-1(RCA)	194	7401-6A	7401	7441-9A	7441	7510	384	7805C(VR)	960	8000-0004-P083	237	8000-0011-047	123AP
7344-2	123AP	7401-9A	7401	7441PC	7441	7510(Transistor)	175	7805KC	309K	8000-0004-P084	237	8000-0011-048	123A
7344-3(RCA)	194	7401PC	7401	7441PC	7441	7511	289A	7805UC	960	8000-0004-P085	289A	8000-0011-049	289A
7344-5	123A	7402	7402	7442PC	7442	7511-A	A40240	7805C(VR)	962	8000-0004-P086	289A	8000-0011-050	152
7344-5(RCA)	123AP	7402(TTL)	7402	7442PC	7442	7511-A	A40240	7808C(VR)	964	8000-0004-P088	102A	8000-0011-051	195A
7345-2	128	7402-1	159	7443DC	7443	7511-D	B40240	7808C(VR)	964	8000-0004-P089	159	8000-0011-052	237
7346-003(RCA)	123AP	7402-6A	7402	7443PC	7443	7512-A	A40240	7808UC	964	8000-0004-P090	724	8000-0011-053	222
7346-004(RCA)	123AP	7402-9A	7402	7444DC	7444	7512-D	B40240	7810	184	8000-0004-P185	184	8000-0011-054	312
7346-1(RCA)	123AP	7402N	7402	7444PC	7444	7513	128	7811	108	8000-0005-001	312	8000-0011-055	312

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
8000-00032-028	236	8020-205	123A	8443	7443	8840-168	123A	9033G(Sylvania)	123A	9330-000-30112	110MP	9330-358-00112	123AP
8000-00032-030	158	8020-206	152	8444	1288	8840-169	186	9033Green	199	9330-000-40112	109	9330-358-10112	123AP
8000-00032-031	724	8023-1(RCA)	502	8444(Digital)	7444	8840-170	1100	9033C	123AP	9330-000-80112	109	9330-358-20112	123AP
8000-00033-001	116	8038(Func. Gen)	864	8445	1288	8840-171	720	9033Orange	199	9330-000-90112	109	9330-361-80112	389
8000-00033-002	116	8038AC(Func. Gen)	864	8445(Chry)	1232	8864-1	116	9033Q	199	9330-001-50112	109	9330-374-10112	102A
8000-00033-003	229	8038ACPD(Func. Gen)	864	8445(Digital)	7445	8867	159	9033R	123AP	9330-001-90112	109	9330-377-00112	5010T1
8000-00033-001	235	8038BC(Func. Gen)	864	8446	7446	8868-6	128	9033Red	199	9330-002-10112	109	9330-377-10112	5013T1
8000-00033-002	974	8038BCPD(Func. Gen)	864	8446A	7446	8868-7	199	9033W	123AP	9330-002-11112	109	9330-401-20112	199
8000-00033-003	74161	8038CC(Func. Gen)	864	8447	7447	8868-8	123A	9033White	199	9330-002-30112	109	9330-455-00112	454
8000-00033-004	7400	8038CCPD(Func. Gen)	864	8447A	7447	8880-3	128	9042	287	9330-002-40112	109	9330-458-40112	116
8000-00038-005	74H22	8050C	289A	8448	7448	8883-2	121	9042A	287	9330-004-10112	519	9330-463-30112	5013T1
8000-00038-006	7493A	8070-4	102A	8450	7450	8883-4	128	9042B	287	9330-004-30112	519	9330-465-00112	154
8000-00038-007	7474	8071-4	102A	8451	7451	8886-2	123A	9043	287	9330-005-20112	125	9330-466-50112	125
8000-00038-008	177	8072-4	102A	8453	7453	8888-00005-013	295	9043A	287	9330-005-50112	125	9330-488-40112	123AP
8000-00038-009	109	8073-4	102A	8454	7454	8910-52	177	9050-1	910D	9330-005-60112	125	9330-488-50112	123AP
8000-00038-010	611	8074-4	123A	8460	7460	8910-53	110MP	9060(RAM)	2107	9330-005-90112	166	9330-494-20112	123AP
8000-00041-015	109	8075-4	123A	8470	7470	8910-54	5072A	9080A(MPU)	8080A	9330-006-00112	168	9330-494-30112	123AP
8000-00041-016	109	8080A(MPU)	8080A	8471(Sylvania)	188	8910-55	116	9092	288	9330-006-10112	125	9330-494-40112	123AP
8000-00041-018	139A	8098	749	8472	7472	8910-141	312	9092A	288	9330-006-11112	116	9330-499-40112	130
8000-00041-019	177	8102A	2102	8473	7473	8910-142	229	9092B	288	9330-006-30112	5010T1	9330-519-90112	160
8000-00041-040	229	8102A-4	2102	8474	7474	8910-143	123A	9093	288	9330-009-00112	131MP	9330-526-70112	159
8000-00041-041	199	8107(RAM)	2107	8475	7475	8910-144	199	9093-1-6A	9093	9330-010-70112	102A(2)	9330-526-80112	159
8000-00041-042	199	8114(RAM)	2114	8476	7476	8910-145	123A	9093-9-6A	9093	9330-011-70112	102A	9330-529-60112	519
8000-00041-043	186A	8114N	2114	8480	7480	8910-146	186A	9093-9-7A	9093	9330-012-70112	158	9330-528-70112	519
8000-00041-044	235	8116(RAM)	2116	8481A	7481	8910-147	1100	9093A	288	9330-013-30112	123AP	9330-530-30112	154
8000-00041-045	199	8122	108	8482	7482	8910-148	1142	9093B	288	9330-013-40112	123AP	9330-531-80112	229
8000-00041-046	229	8128(RAM)	2128	8483	7483	8917-1(RCA)	1175	9093DC	9093	9330-023-10112	160	9330-548-70112	116
8000-00041-047	295	8142	OBS-NLA	8483A	7483	8999-115	104	9093PC	9093	9330-023-70112	160	9330-562-50112	229
8000-00042-007	519	8164-1(RCA)	615A	8485	7485	8999-201	116	9094-1-6A	9094	9330-024-20112	126A	9330-562-70112	613
8000-00042-008	7400	8164-2(RCA)	615A	8486	7486	8999-202	102A	9094-9-6A	9094	9330-024-70112	160	9330-599-50112	519
8000-00042-009	7410	8164-10	147A	8489	7489	8999-203	158	9094-9-7A	9094	9330-025-20112	126A	9330-612-20112	5006A
8000-00042-011	74193	8164-11(RCA)	5036A	8490A	7490	8999-205	116	9094DC	9094	9330-025-50112	160	9330-616-40112	160
8000-00042-013	222	8200-202	199	8491A	7491	9005	703	9094PC	9094	9330-025-80112	160	9330-616-50112	160
8000-00042-014	8402	8200-203	199	8492A	7492	9005(Fisher)	OBS-NLA	9097-1-6A	9097	9330-026-90112	160	9330-619-40112	125
8000-00042-015	5401	8200-204	227	8493A	7493A	9005-0	121	9097-9-6A	9097	9330-027-30112	160	9330-630-20112	229
8000-00043-019	229	8204-090-21390	184	8494	7494	9006	703	9097-9-7A	9097	9330-028-80112	154	9330-632-90112	130MP
8000-00043-020	158	8204-090-21400	185	8495A	7495	9006(Fisher)	OBS-NLA	9097DC	9097	9330-029-00112	108	9330-633-90112	229
8000-00043-021	139A	8210-1203	10973A	8496	7496	9007	750	9097PC	9097	9330-029-11112	229	9330-634-00112	229
8000-00043-064	302	8212(I/O)	8212	8500-201	102A	9007(Fisher)	750	9098	171	9330-029-21112	229	9330-634-10112	229
8000-00043-065	235	8212C	8212	8500-202	102A	9008	760	9098-1(RCA)	191	9330-029-30112	161	9330-634-70112	519
8000-00043-067	135A	8212P	8212	8500-203	102A	9008(Fisher)	760	9099-1-6A	9099	9330-030-30112	103A + 102A(CP)	9330-635-30112	116
8000-00043-068	139A	8212PC	8212	8500-204	131	9010	746	9099-6-6A	9099	9330-031-30112	103A + 102A(CP)	9330-637-20112	159
8000-00045-004	7447	8214(PIC)	8214	8500-206	116	9010(Fisher)	746	9099-9-7A	9099	9330-032-71000	166	9330-657-20112	616
8000-00047-007	519	8216	8216	8503	107	9011	123AP	9099DC	9099	9330-033-00112	166	9330-676-30112	123AP
8000-00047-011	139A	8216N	8216	8504	123A	9011(Transistor)	123A	9099PC	9099	9330-040-00110	109	9330-676-40112	123AP
8000-00047-031	312	8216P	8216	8509	123A	9011(Fisher)	720	9100-1	116	9330-040-10112	519	9330-676-50112	123AP
8000-00048-022	125	8216PC	8216	8517	293	9101D	123AP	9102(RAM)	2102	9330-040-20112	519	9330-676-60112	229
8000-00048-023	614	8224(Clock)	8224	8518(EPROM)	2708	9101E	123AP	9109	9109	9330-040-50112	109	9330-676-70112	229
8000-00049-010	116	8224N	8224	8520(Chry)	123A	9101F	123AP	9109DC	9109	9330-040-60112	109	9330-676-80112	199
8000-00049-020	614	8224N	8224	8521(GE)	123AP	9101G	123AP	9110DC	9110S	9330-041-60112	109	9330-689-30112	199
8000-00049-021	5010A	8224P	8224	8522(GE)	159	9101H	123AP	9111DC	9111	9330-042-40112	519	9330-699-40112	123AP
8000-00049-025	125A	8225P1	5626	8530	123A	9101I	123AP	9112C	159	9330-068-30112	184	9330-699-50112	123AP
8000-00049-027	1166	8228	8228	8531	123A	9102	159	9112DC	9112S	9330-077-00000	610	9330-699-70112	123AP
8000-00049-053	229	8228N	8228	8540	159	9102D	159	9114DC	2114	9330-085-40112	117	9330-699-80112	199
8000-00049-054	229	8228P	8228	8550C	290A	9102E	159	9114B	2114	9330-085-50112	177	9330-699-90112	123AP
8000-00049-055	123A	8255	8255	8554-9	128	9102F	159	9114BDC	2114	9330-087-40112	168	9330-705-20112	109
8000-00049-056	159	8255N	8255	8554-1	310	9102G	159	9114BPC	2114	9330-087-80112	519	9330-734-60112	159
8000-00049-057	123A	8255P	8255	8554-2(RCA)	308	9102H	159	9114C	2114	9330-088-10112	5010T1	9330-734-70112	159
8000-00049-058	306	8256-1	339F	8554-3	310	9102I	159	9114C-1004	2114	9330-088-20112	5011T1	9330-760-10112	159
8000-00049-059	293	8257-1	317	8554-6	308	9102J	159	9114PC	2114	9330-088-21112	5011T1	9330-760-20112	159
8000-00049-060	235	8257-1(RCA)	335	8554-7	310	9102K	159	9128-1503-001	177	9330-088-30112	5013T1	9330-760-30112	159
8000-00049-061	293	8264(RAM)	2184	8554-8(METAL)	308	9102L	159	9135PC	9135	9330-088-80112	5011T1	9330-764-50112	129
8000-00049-062	312	8264-15(RAM)	2184	8554-8(PLASTIC)	308	9102M	159	9137C-1004	9137	9330-088-90112	5011T1	9330-764-60112	159
8000-00050-015	199	8264-20(RAM)	2184	8554-11	310	9102N	159	9137C-1020	9137	9330-089-40112	5013T1	9330-767-60112	159
8000-00050-016	129	8265(RAM)	669A	8554-12	308	9103D	123AP	9144-60	788	9330-089-70112	5021T1	9330-802-60112	130MP
8000-00050-017	312	8280	74176	8600	123A	9103E	123AP	9144-61	788	9330-091-00112	5011T1	9330-803-90112	5465
8000-00053-004	746	8281	123A	8601	159	9103F	123AP	9147(RAM)	2147	9330-091-10112	5013T1	9330-813-30112	85
8000-00054-001	297	8281-1	123A	8602	123A	9103G	123AP	9147P(GE)	351	9330-091-20112	5013T1	9330-813-40112	116
8000-00054-002	981	8283	74LS197	8603	108	9103H	123AP	9148P(GE)	351	9330-092-70112	5011T1	9330-822-20112	519
8000-00057-002	235	8300-8	116	8607	108	9103HF	123AP	9158P	9158	9330-092-70112	5011T1	9330-837-60112	130MP
8000-00057-003	295	8301	159	8609	108	9103HG	123AP	9181P2(GE)	351	9330-092-80112	5013T1	9330-839-90112	519
8000-00057-005	312	8302	123A	8611	108	9103HH	123AP	9181P3(GE)	351	9330-093-90112	5011T1	9330-844-80112	116
8000-00057-010	74C93	8302-200-325	298	8611-1	B252407.4	9103I	123AP	9181P4(GE)	351	9330-094-00112	5025A	9330-845-4011	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
9331-083-90112	229	9331-727-40112	332 + 331(CP)	9332-283-80112	160	9333-663-30112	123AP	9335-020-20112	592	9336-223-10112	1382	9383DC	7483
9331-086-40112	5019T1	9331-727-50112	332 + 331(CP)	9332-303-20112	130	9333-664-00112	159	9335-020-20115	592	9336-394-20112	2318	9383PC	7483
9331-106-80112	611	9331-757-50112	3020	9332-303-30112	130	9333-727-10112	615A	9335-020-20212	592	9336-394-20113	2318	9383PC	7485
9331-124-60112	127	9331-770-20112	185	9332-305-90112	332 + 331(CP)	9333-858-80112	3077	9335-020-20215	592	9336-394-20127	2318	9385PC	7485
9331-127-00112	519	9331-770-30112	184	9332-306-60112	263	9333-885-60112	3079	9335-020-30112	592	9336-442-50112	2426	9390	102
9331-143-30112	312	9331-770-40112	185	9332-306-90112	263 + 264(CP)	9333-902-50112	2310	9335-020-30115	592	9336-442-50115	2426	9390-251-70112	449A
9331-144-90112	94	9331-770-70112	185 + 184(CP)	9332-345-50112	253 + 254(CP)	9333-904-60112	6408	9335-020-30212	592	9336-442-60112	2426	9390DC	7490
9331-146-90112	168	9331-771-10112	165	9332-350-20112	374	9333-913-40112	210	9335-020-30215	592	9336-442-60115	2426	9390PC	7490
9331-151-70112	159	9331-795-20112	298	9332-375-40112	580	9333-929-30112	116	9335-020-40112	592	9336-442-70112	2426	9391	102
9331-174-0112	159	9331-795-30112	298	9332-377-70112	123AP	9333-970-00112	307	9335-020-40115	592	9336-442-70115	2426	9391DC	7491
9331-177-20112	5010T1	9331-795-50112	123AP	9332-377-80112	123AP	9333-985-90112	271	9335-020-40212	592	9336-442-80112	2427	9391PC	7491
9331-177-30112	5011T1	9331-795-60112	298	9332-377-90112	199	9334-086-00112	270	9335-020-40215	592	9336-442-80115	2427	9392DC	7492
9331-177-40112	5013T1	9331-795-80112	123AP	9332-387-50112	3007	9334-107-10112	594	9335-083-70112	2406	9336-442-90112	2427	9392PC	7492
9331-177-90112	5019T1	9331-795-90112	123AP	9332-436-00112	199	9334-107-10115	594	9335-083-70115	2406	9336-442-90115	2427	9393	7493A
9331-178-10112	5021T1	9331-796-10112	123AP	9332-436-30112	159	9334-107-10212	594	9335-083-70212	2406	9336-443-00112	2427	9393/7493	7493A
9331-179-30112	5038A	9331-796-20112	123AP	9332-467-60112	2345	9334-107-10215	594	9335-083-70215	2406	9336-443-00115	2427	9393DC	7493A
9331-190-40112	130MP	9331-796-60112	123AP	9332-467-60127	2345	9334-109-10112	271	9335-083-80112	2406	9336-443-00112	2427	9393PC	7493A
9331-206-50112	229	9331-810-01682	941M	9332-467-70112	2346	9334-109-30112	270	9335-083-80212	2406	9336-443-00115	2427	9394DC	7494
9331-206-60112	229	9331-834-60112	581	9332-467-70127	2346	9334-146-40112	2319	9335-083-80215	2406	9336-443-00112	2427	9394PC	7494
9331-214-60112	519	9331-834-80112	508	9332-467-80112	2345	9334-148-20112	62	9335-083-80235	2406	9336-443-00115	2427	9395DC	7495
9331-260-60112	558	9331-843-60112	3020	9332-467-80127	2345	9334-164-50112	62	9335-083-90212	2407	9336-443-00112	2427	9395PC	7495
9331-263-50112	125	9331-849-10112	595	9332-467-90127	2346	9334-180-70112	2428	9335-083-90215	2407	9336-443-00115	2427	9396DC	7496
9331-295-30112	613	9331-849-10115	595	9332-468-00127	2345	9334-180-70115	2428	9335-084-00212	2407	9336-443-00215	2407	9396PC	7496
9331-304-20112	123AP	9331-849-10212	595	9332-468-10112	2346	9334-180-80112	2428	9335-084-00215	2407	9336-443-00212	2407	9400-8	102A
9331-304-40112	123AP	9331-849-10215	595	9332-468-10127	2346	9334-180-80115	2428	9335-084-00235	2407	9336-443-00215	2407	9400-9	102A
9331-304-50112	123AP	9331-858-20112	4928	9332-468-20112	2345	9334-180-80135	2407	9335-123-20112	47	9336-443-00212	2407	9401-7	102A
9331-304-70112	123AP	9331-884-80112	373	9332-468-20127	2345	9334-180-80235	2428	9335-148-30112	3041	9336-443-00215	2407	9403-2	121
9331-304-80112	123AP	9331-895-60112	323	9332-468-30112	2346	9334-180-90112	2428	9335-162-50156	2406	9336-443-00212	2407	9403-3	160
9331-305-20112	159	9331-905-70112	456	9332-468-30127	2346	9334-180-90115	2428	9335-162-50212	2406	9336-443-00215	2407	9403-6	160
9331-305-40112	159	9331-911-70112	374	9332-580-10112	109	9334-181-00112	2428	9335-162-50215	2406	9336-443-00212	2407	9403-7	102A
9331-305-80112	332 + 331(CP)	9331-911-10112	283	9332-582-00112	109	9334-181-00115	2428	9335-162-60112	2407	9336-443-00215	2407	9403-8	126A
9331-307-60112	282S	9331-938-10112	283	9332-588-00112	116	9334-181-10112	2429	9335-162-60212	2407	9336-443-00212	2407	9403-9	102A
9331-307-70112	323	9331-950-30112	197	9332-593-50112	399	9334-181-10115	2429	9335-162-60215	2407	9336-443-00215	2407	9404	140A
9331-308-20112	185	9331-972-70112	263	9332-593-60112	288	9334-181-20112	2429	9335-162-70112	2431	9336-443-00212	2407	9404-0	121
9331-314-60112	199	9331-972-80112	263	9332-596-10112	5021T1	9334-181-20115	2429	9335-162-70115	2431	9336-443-00215	2407	9404-2	128
9331-320-40112	130MP	9331-974-20112	248 + 247(CP)	9332-610-40112	294 + 293(CP)	9334-181-30112	2429	9335-162-80112	2431	9336-443-00212	2407	9404-3	195A
9331-321-20112	606	9331-974-30112	246	9332-625-40112	165	9334-181-30115	2429	9335-162-80115	2431	9336-443-00215	2407	9404-9	175
9331-321-30112	5003A	9331-974-40112	248	9332-635-10112	123AP	9334-181-40112	2429	9335-162-90112	2430	9336-443-00212	2407	9405-0	128
9331-321-40112	5006A	9331-974-60112	247	9332-635-10747	199	9334-181-40115	2429	9335-162-90115	2430	9336-443-00215	2407	9405-1	128
9331-324-60112	127	9331-976-10112	123AP	9332-635-30112	123AP	9334-195-90112	253 + 254(CP)	9335-163-00112	2430	9336-443-00212	2407	9405-2	129
9331-344-90112	94	9331-976-20112	123AP	9332-641-90112	3010	9334-232-90112	3007	9335-163-00115	2430	9336-443-00215	2407	9406	5089A
9331-345-40112	581	9331-976-30112	123AP	9332-643-00112	254	9334-241-00112	1760	9335-163-00112	2430	9336-443-00212	2407	9408	5088A
9331-352-40112	154	9331-976-40112	123AP	9332-644-70112	616	9334-241-20112	5050A	9335-163-00115	2430	9336-443-00215	2407	9409-4	175
9331-352-50112	154	9331-976-50112	123AP	9332-646-10112	130	9334-248-10112	50	9335-163-00112	2430	9336-443-00212	2407	9410A	123A
9331-361-5012	613	9331-976-60112	123AP	9332-671-80112	611	9334-309-30112	284	9335-163-00115	2430	9336-443-00215	2407	9413	137A
9331-361-80112	389	9331-976-80112	123AP	9332-696-70112	374	9334-309-40112	285	9335-163-00112	2430	9336-443-00212	2407	9426B	108
9331-377-40112	613	9331-976-90112	123AP	9332-699-50112	263	9334-309-50112	3010	9335-163-00115	2430	9336-443-00215	2407	9426C	108
9331-377-70112	613	9331-977-00112	199	9332-699-60112	263	9334-309-90112	3007	9335-163-00112	2430	9336-443-00212	2407	9440	177
9331-392-70112	519	9331-977-10112	159	9332-699-90112	264	9334-356-10112	552	9335-163-00115	2430	9336-443-00215	2407	9501	199
9331-393-90112	154	9331-977-30112	159	9332-700-00112	262	9334-356-20112	552	9335-163-00112	2430	9336-443-00212	2407	9502	199
9331-395-20112	519	9331-977-40112	159	9332-704-20112	159	9334-362-50112	3025	9335-163-00115	2430	9336-443-00215	2407	9510-1	160
9331-395-30112	519	9331-977-50112	159	9332-715-60112	2327	9334-480-00112	54	9335-163-00112	2430	9336-443-00212	2407	9510-2	160
9331-395-40112	519	9331-977-60112	159	9332-715-60127	2327	9334-480-00127	54	9335-163-00115	2430	9336-443-00215	2407	9510-3	126A
9331-395-50112	177	9331-977-70112	159	9332-715-70112	2327	9334-480-00112	55	9335-163-00112	2430	9336-443-00212	2407	9510-7	160
9331-402-00112	185	9331-977-80112	159	9332-715-70127	2327	9334-480-00127	55	9335-163-00115	2430	9336-443-00215	2407	9513	108
9331-402-30112	184	9331-978-20112	246	9332-715-90112	3020	9334-480-20112	54	9335-163-00112	2430	9336-443-00212	2407	9517-4	107
9331-418-90112	283	9331-981-40112	5220A	9332-726-20112	184	9334-480-20127	54	9335-163-00115	2430	9336-443-00215	2407	9521	722
9331-421-90112	580	9331-985-30112	152	9332-733-30112	3022	9334-480-30112	55	9335-163-00112	2430	9336-443-00212	2407	9526	159
9331-424-90112	548S	9331-985-40112	152	9332-762-20112	165	9334-480-30127	55	9335-163-00115	2430	9336-443-00215	2407	9526-1	159
9331-434-90112	130	9331-985-50112	153	9332-788-80112	3020	9334-480-40112	54	9335-163-00112	2430	9336-443-00212	2407	9563	123AP
9331-448-90112	323	9331-985-60112	153 + 152(CP)	9332-800-60112	116	9334-480-40127	54	9335-163-00115	2430	9336-443-00215	2407	9564	102A
9331-491-80112	159	9331-985-70112	153 + 152(CP)	9332-833-00112	558	9334-480-50112	55	9335-163-00112	2430	9336-443-00212	2407	9570	123AP
9331-491-90112	159	9331-987-70112	228	9332-846-10112	284	9334-480-50127	55	9335-163-00115	2430	9336-443-00215	2407	9571	159
9331-492-00112	123AP	9331-987-80112	228	9332-846-20112									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
9668PC	2014	11274-1	7403	12123-2	102A	14002-2	145A	16335	152	18600-54	5072A	22826-23	5181A
9680(Scott)	290A	11276-1	7496	12123-3	102A	14002-2(Fisher)	145A	16336	152	18600-151	107	22826-24	5188A
9692-1	723	11282-6	116	12123-4	100	14002-6	142A	16338	130	18600-152	123A	22826-26	5177A
9693-1	723	11303-9	116	12123-5	100	14002-6(Fisher)	142A	16341	196	18600-153	123A	22859(H. Kardon)	1177
9694-1	724	11305-0001	519	12123-6	100	14002-10	5084A	16342	197	18600-154	1100	22860(H. Kardon)	107
9698H	128	11332-1	116	12124-0	100	14002-10(Fisher)	5084A	16588	102	18600-155	720	22861(H. Kardon)	123A
9779	128	11339-2	108	12124-1	100	14002-12	145A	16589	121	18600-156	1058	22874(H. Kardon)	726
9803	177	11339-8	116	12124-2	100	14002-12(Fisher)	145A	16605	707	18600-157	107	22881	226MP
9842FF	723	11352-78	519	12124-3	126A	14002-13	5078A	16681	116	18601	102	22939	198
9861B-43	109	11386-9	505	12124-4	126A	14002-13(Fisher)	5079A	16958	102	18611	102	23014	346
9920-3-6	125	11393-8	108	12124-6	102A	14027	116	16959	121	18731	102	23114-046	123A
9920-4	102A	11398-8	117A	12125-4	100	14126-1	116	17001-1	614	18801-101	612	23114-050	129
9920-5	102A	11401-3	116	12125-6	160	14128-2	159	17001-1(Fisher)	614	18801-102	109	23114-051	129
9920-6-1	123A	11426-7	108	12125-7	126A	14136-3	177	17001-6	614	18801-103	177	23114-052	154
9920-6-2	123A	11503-9	116	12125-8	160	141738	194	17001-6(Fisher)	614	18801-104	5018A	23114-053	123A
9920-7-2	123A	11506-3	121	12125-9	160	14207	947	18801-105	1234	18801-105	1226	23114-054	123A
9921-7	102A	11522-5	123A	12126-0	160	14303	123A	18801-106	1226	18801-107	1155	23114-056	108
9921-8	102A	11522-7	160	12126-6	102A	14305	960	18801-107	1155	18801-108	451	23114-057	108
9923	OBS-NLA	11522-8	160	12126-7	102A	14308	964	18801-108	451	18801-109	107	23114-060	108
9923(Regency)	OBS-NLA	11522-9	160	12127-0	121	14308H	964	18801-109	107	18801-110	85	23114-061	102A
9923-U8A99238X	OBS-NLA	11526-8	121	12127-1	121	14312	966	18801-111	85	18801-110	289A	23114-070	130
9925-0	124	11526-9	121	12127-2	102A	14312H	966	18801-112	85	18801-112	293	23114-078	108
9925-1	124	11527-5	126A	12127-3	100	14315	968	18801-113	85	18801-113	293	23114-082	123A
9925-2-1	124	11528-1	121MP	12127-4	102A	14315H	968	18801-114	293	18801-114	5404	23114-082	123A
9925-2-2	124	11528-2	121MP	12127-5	100	14433CDL	2055	18801-115	5404	18801-115	5404	23114-095	123A
9942PC	74182	11528-3	121MP	12127-6	123A	14433CPL	2055	18801-116	5404	18801-116	5404	23114-097	127
9970	5004A	11528-4	121MP	12127-7	123A	14433NJL	2055	19042	116	19042	116	23114-104	108
9971	5006A	11555-9	116	12127-8	123A	14573	105	19278	124	19278	124	23115-022	118
9972	5008A	11559-9	116	12127-9	123A	14588-9	116	19306A	548	19306A	548	23115-042	125
9973	5010A	11586-7	117A	12128-9	100	14588-17	5801	19306P01	548	19306P01	548	23115-057	123A
9979-1(RCA)	161	11587-5	123A	12163	104	14588-18	5801	19420	108	19420	108	23115-058	123A
9981	5112A	11605-2	116	12173	100	14692	128	19500-253	199	19500-253	199	23115-072	125
9982	5114A	11606-8	127	12174	100	14692(THETA COM)	77	19645	123A	19645	123A	23115-085	156
9983	5116A	11607-2	126A	12175	100	14692	128	19680	159	19680	159	23125-037	108
9984	5119A	11607-3	108	12176	100	14996-1	128	19685	116	19685	116	23190(H. Kardon)	181
9992	5241A	11607-4	123A	12177	104	14996-2	128	20001	179	20001	179	23212(H. Kardon)	123A
9993	5243A	11607-5	124	12180	126A	14996-3	128	20011	159	20011	159	23221(H. Kardon)	123A
9994	5246A	11607-6	123A	12181	100	15009	102A	20040	2825	20040	2825	23222(H. Kardon)	129
10003	181	11607-9	108	12183	100	15024	121	20103	199	20103	199	23223(H. Kardon)	128
10010	5870	11608-0	108	12191	100	15027	121	20200(H. Kardon)	140A	20200(H. Kardon)	140A	23311-006	121
10020	5074A	11608-2	108	12192	100	15027(Diode)	109	23316	123A	23316	123A	23316	123A
10031	113A	11608-3	108	12193	100	15122	177	20295	241	20295	241	23338-0001	454
10032	102A	11608-5	123A	12195	102A	15354-2	102	20414(H. Kardon)	140A	20414(H. Kardon)	140A	23350-0001	244
10036	102A	11608-6	127	12196	102A	15354-3	102	20418(H. Kardon)	121MP	20418(H. Kardon)	121MP	23425(H. Kardon)	143A
10036-001	129	11608-7	127	12255-235	519	15354-6	101	20510	76	20510	76	23606	312
10037	102A	11608-8	127	12280	128	15354-14	100	20511	128	20511	128	23648	128
10038	102A	11608-9	127	12300	123A	15405-1	9946	20530	76	20530	76	23754	152
10039	102A	11609-1	102A	12429(Heathkit)	118	15405-2	9949	20531	77	20531	77	23762	130
10060-0	159	11609-2	123A	12454	233	15405-4	9932	20531-0001	77	20531-0001	77	23769E	543
10100	125	11619-8	108	12457	319P	15486	128	20731(H. Kardon)	128	20731(H. Kardon)	128	23785(Sylvania)	102A
10180	116	11619-9	108	12536	130	15732	960	20737(H. Kardon)	140A	20737(H. Kardon)	140A	23785(Sylvania)	102A
10181	109	11620-0	108	12537	123	15809-1	123	20738	123	20738	123	23826(Sylvania)	159
10226-2	123A	11620-1	108	12538	175	15820-1	123	20739	129	20739	129	23843(H. Kardon)	130
10261	130	11620-2	160	12539	184	15835-1	123	20810-21	116	20810-21	116	23844(H. Kardon)	123A
10300	159	11620-3	102A	12546	154	15840-1	123A	20810-22	116	20810-22	116	23845(H. Kardon)	159
10300-12	129	11620-6	102A	12550	156	15841-1	123A	20810-91	199	20810-91	199	23879	5529
10302-01	7430	11620-7	160	12551	159	15927	104	20810-92	199	20810-92	199	24001GOF	5592
10302-02	7420	11620-8	160	12594	123A	15942	OBS-NLA	20810-93	128	20810-93	128	24001GOF	5590
10302-03	7410	11620-9	160	12594	159	15942-1	7619	20810-94	186	20810-94	186	24001KOF	5592
10302-04	7400	11620-9	160	12602	116	16001	130	20889	124	20889	124	24001KOF	5590
10302-05	7451	11658-8	123A	12634	116(3)	16029	196	20889-16	180	20889-16	180	24002GOF	5592
10302-06	7405	11668-3	160	12685	506	16039	196	20889-18	124	20889-18	124	24002GOF	5590
10416-009	123A	11668-4	160	12720	116	16065	128	20889-20	284	20889-20	284	24002KOF	5592
10416-010	128	11668-5	102A	12736	116	16073	5643	20889-21	181	20889-21	181	24002KOF	5590
10650A01	778A	11668-6	102A	12746	116	16082	128	20889-22	130	20889-22	130	24002KOF	5592
10655A01	798	11668-7	103A	12751ZP	5962	16083	130	20889-25	283	20889-25	283	24003GOF	5591
10655A01-3	798	11675-6	126A	12768	116	16088	7490	20889-26	281	20889-26	281	24003KOF	5592
10655A03	738	11675-7	102A	12786	116	16111	5635	20889-29	124	20889-29	124	24003KOF	5591
10655A03A	738	11687-5	123A	12788	116	16113	152	21009-002	506	21009-002	506	24004GOF	5592
10655A05	749	11699-7	102A	12803	109	16114	175	21017(H. Kardon)	123A	21017(H. Kardon)	123A	24004KOF	5591
10655A13	748A	11746	116	12808	109	16115	196	21021	2102	21021	2102	24004KOF	5592
10655B01	798	12001-4	109	12837	116	16162	5626	21021C	2102	21021C	2102	24004KOF	5591
10655B02	748A	12001-4(Fisher)	109	12844	116	16163	196	21021DC	2102	21021DC	2102	24005GOF	5591
10655B03	738	12011	177	12850	109	16164	152	21021PC	2102	21021PC	2102	24005GOF	5591
10655B14	831S	12020-02	152	12871	112A	16165	123	21022	2102	21022	2102	24005KOF	5591
10655C05	749	12044-0021	175	12888	159	16166	127	21022C	2102	21022C	2102	24005KOF	5591
10658A01	788	12047-0023	192	12951-1	904	16167	197	21022DC	2102	21022DC	2102	24006GOF	5591
10795-5	9945	12048-0011	129	13002-3	130	16169	197	21022PC	2102	21022PC	2102	24006GOF	5591
10795-6	9946	12101	100	13002-4	130	16170	5635	21027(H. Kardon)	107	21027(H. Kardon)	107	24006KOF	5591
10795-8	9962	12110-0	100	13002-5	130	16171	177	21083(H. Kardon)	123A	21083(H. Kardon)	123A	24006KOF	5591
10795-9	9093	12110-3	100	13006-1(Fisher)	177	16176	130	21168(H. Kardon)	129	21168(H. Kardon)	129	24007GOF	5592
10795-10	9099	12110-4	100	13006-2(Fisher)	177	16181	152	21168(H. Kardon)	129	21168(H. Kardon)	129	24007GOF	5592
10895	519	12110-5											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
24836(H. Kardon)	109	26285(H. Kardon)	129	28820-174	85	30210	123	34020PC	4020B	34511BD	4511B	36312	121
24859(H. Kardon)	199	26551(H. Kardon)	722	28820-175	85	30211	121	34021DC	4021B	34511BP	4511B	36313	100
24873(H. Kardon)	199	26587-1	703	28820-176	1082	30213	126A	34021PC	4021B	34512DC	4512B	36320	175
24879(H. Kardon)	128	26587-1	703	28820-177	1142	30214	126A	34022	121	34512PC	4512B	36340	176
24880(H. Kardon)	129	26666-1	128	28820-179	1081A	30215	126A	34022BDC	4022B	34514DC	4514B	36359-4	121MP
24925(H. Kardon)	5071A	26674	542	28977	128	30215(RCA)	121	34022BPC	4022B	34514PC	4514B	36370-05490	175
24972(H. Kardon)	123A	26810-51	109	29037(H. Kardon)	259	30216	102	34023BDC	4023B	34515DC	4515B	36387	128
25011(Honeywell)	123A	26810-52	140A	29038(H. Kardon)	260	30216(RCA)	121	34023BPC	4023B	34515PC	4515B	36395	121
25055(H. Kardon)	123A	26810-151	229	29076-005	161	30217	126A	34023PC	4023B	34518DC	4518B	36466	128
25056(H. Kardon)	123A	26810-152	159	29076-006	161	30218	102	34024BDC	4024B	34518PC	4518B	36477	121
25059(H. Kardon)	123A	26810-153	199	29076-023	159	30218(RCA)	160	34024BPC	4024B	34520DC	4520B	36503(Aircastle)	116
25114-101	102A	26810-154	123A	29416	159	30219	123	34025PC	4025B	34520PC	4520B	36508	109
25114-102	102A	26810-155	289A	29471(H. Kardon)	233	30221	126A	34027	4027B	34526	121	36534	102
25114-103	102A	26810-157	801	29472(H. Kardon)	233	30222	126A	34027DC	4027B	34527PC	4527B	36535	117A
25114-104	102A	26810-158	1052	29483(H. Kardon)	199	30223	126A	34027PC	4027B	34528DC	4528B	36537	117A
25114-116	123A	26810-159	1155	29484(H. Kardon)	297	30224	123	34028DC	4028B	34528PC	4528B	36539	142A
25114-121	108	26999-02	6401	29485(H. Kardon)	298	30226	123	34028PC	4028B	34531DC	4531B	36545	130
25114-130	123A	26999-05	221	29486(H. Kardon)	300	30227	123A	34029DC	4029B	34531PC	4531B	36549	116
25114-143	124	26999-08	466	29566(H. Kardon)	143A	30228	123A	34029PC	4029B	34539DC	4539B	36554	116
25114-161	123A	26999-16	6402	29611AD	74S571	30229	123A	34030BPC	4020B	34539PC	4539B	36555	116
25115-115	116	27065(H. Kardon)	5188A	29611ADC	74S571	30230	126A	34030DC	4030B	34553	160	36557	102
25201-001	109	27087	154	29611D	74S571	30231	100	34030PC	4030B	34555DC	4555B	36558	102
25202-002	116	27092(H. Kardon)	5075A	29611DC	74S571	30234	124	34034BC	4034B	34555PC	4555B	36559	126A
25211-200	138A	27113-100	116	29620D	74S473	30235	123A	34034DC	4034B	34556DC	4556B	36560	126A
25538(H. Kardon)	199	27123-050	116	29620DC	74S473	30236	175	34040DC	4040B	34556PC	4556B	36563	126A
25539(H. Kardon)	192	27123-070	116	29621AD	74S472	30238	160	34040PC	4040B	34582DC	40182B	36564	116
25566-01	126A	27123-100	116	29621ADC	74S472	30240	160	34041DC	4041	34582PC	40418B	36577	129
25566-21	128	27123-120	116	29621D	74S472	30241	123A	34041PC	4041	34583DC	4583B	36578	108
25566-30	123	27125-080	123A	29621DC	74S472	30242	123A	34042DC	4042B	34583PC	4583B	36579	128
25566-36	129	27125-090	123A	29624D	74S475	30243	123A	34042PC	4042B	34584A	128	36580	123A
25566-40	159	27125-110	128	29624DC	74S475	30244	102	34043	4043B	34675	160	36581	108
25566-48	108	27125-120	102A	29625D	74S474	30245	124	34043DC	4043B	34715	104	36582	312
25566-50	128	27125-140	123A	29625DC	74S474	30246	121	34043PC	4043B	34717	102	365891	5802
25566-58	159	27125-150	102A	29630D	74S479	30246A	12	34044	128	34923	158	36634	124
25566-60	311	27125-160	123A	29630DC	74S479	30247	126A	34044DC	4044B	34942	160	36642	130
25566-61	123A	27125-170	102A	29631AD	74S478	30248	123	34044PC	4044B	34966	176	36642D	130
25566-62	129	27125-270	123A	29631ADC	74S478	30253	123A	34046	4046B	35001	130	36643	128
25566-63	128	27125-300	123A	29631D	74S478	30254	175	34046DC	4046B	35002	175	36643A	128
25566-66	123A	27125-310	103A	29631DC	74S478	30256	175	34046PC	4046B	35004	108	36662	311
25566-73	159	27125-330	102A	29651AD	74S454	30257	124	34047DC	4047B	35044	121	36673	176
25566-74	129	27125-340	102A	29651ADC	74S454	30259	123	34047PC	4047B	35045	102	36680	311
25566-76	128	27125-350	102A	29651D	74S454	30263	102A	34048	126A	35059-1	712	36680A	311
25566-77	123A	27125-360	100	29651DC	74S454	30267	103A + 102A(CP)	34048-1	708	35059-7	100	36682	128
25566-78	128	27125-370	123A	29810-61	116	30268	123A	34049-1	722	35084	104	36687	121
25566-79	159	27125-380	128	29810-63	109	30269	123A	34049PC	4049	35086	102	36695	176
25566-80	123A	27125-460	199	29810-64	140A	30270	159	34050PC	4050B	35144	121	36748	128
25566-81	159	27125-470	312	29810-71	312	30271	185	34051DC	4051B	35168	126A	36800-2	121
25566-83	123	27125-480	102A	29810-172	107	30272	184	34051PC	4051B	35169	160	36800-3	121
25566-84	123A	27125-490	103A	29810-173	123A	30273	123A	34052DC	4052B	35170	160	36800-4	121
25566-85	316	27125-500	123A	29810-174	123A	30274	126A	34052PC	4052B	35201	104	36800-5	121
25566-86	159	27125-530	123A	29810-175	192	30276	130	34053DC	4053B	35210	128	36800-6	121
25566-88	159	27125-540	102A	29810-176	199	30278	129	34053PC	4053B	35212	128	36800-7	121
25566-90	288	27125-550	102A	29810-177	123A	30289	123A	34055DC	4055B	35218	176	36803	311
25566-91	316	27126-060	131	29810-178	186A	30290	159	34055PC	4055B	35219	142A	36816	108
25566-95	159	27126-090	121	29810-179	788	30291	129 + 128(CP)	34066PC	4066B	35231	121	36846	130
25566-97	128	27126-100	130	29810-180	801	30292	108	34068DC	4068B	35260	104	36847	108
25566-98	287	27127-550	123A	29810-181	1087	30293	102A	34068PC	4068B	35287	116	36848	311
25566-99	159	27213(H. Kardon)	152	30001GOF	5590	30294	152	34069DC	4069	35287A	116	36849	311
25567-03	159	27214(H. Kardon)	152	30001KOF	5590	30295	108	34070DC	4070B	35303	128	36855	130
25567-04	287	27379(H. Kardon)	123A	30001KOF	5590	30302	104	34070DC	4070B	35303	128	36855	130
25567-07	123A	27571(H. Kardon)	186	30001KOF	5590	30302(RCA)	102A	34070PC	4070B	35306	116	36892	130
25567-15	159	27614(H. Kardon)	108	30002GOF	5590	30613(Rad Shk)	123A	34071BC	4071B	35333	125	36896	104
25567-16	159	27615(H. Kardon)	108	30002GOF	5590	30629W	5013T	34071BC	4071B	35349	121	36910	121
25620(H. Kardon)	180	27616(H. Kardon)	108	30002KOF	5590	31001	123A	34071PC	4071B	35373	128	36913	108
25642-020	126A	27617(H. Kardon)	108	30002KOF	5590	31003	123A	34072DC	4072B	35392DC	3539	36917	123A
25642-030	126A	27618(H. Kardon)	107	30003GOF	5591	31004-1	153	34072PC	4072B	35392PC	3539	36918	108
25642-040	126A	27619(H. Kardon)	106	30003GOF	5591	31005	159	34073DC	4073B	35405	175	36919	108
25642-041	126A	27620(H. Kardon)	123A	30004GOF	5591	31006	116	34073PC	4073B	35409	108	36920	123A
25642-110	126A	27840-41	116	30004GOF	5591	31009	123A	34075DC	4075B	35452-2	158	36923	108
25642-115	126A	27840-42	109	30004GOF	5591	31015	234	34075PC	4075B	35454	102	36946	130
25642-120	126A	27840-43	177	30004GOF	5591	31032-0	129	34077BDC	4077B	35454-1	158	36953	130
25642-121	126A	27840-161	123A	30004GOF	5591	31450	5802	34077BPC	4077B	35454-2	158	36971	121
25651-020	102A	27840-162	123A	30004KOF	5591	31501	116	34078DC	4078B	35454-3	158	36977	108
25651-021	102A	27840-163	1087	30005GOF	5591	32883	474	34078DC	4078B	35500	116	37077	175
25651-033	102A	27840-164	1081A	30005GOF	5591	32883-1	474	34078PC	4078B	35524	181	37126-1	116
25655-055	102A	27906	548	30005KOF	5591	33187-12	5011A	34081DC	4081B	35590	102A	37267	130
25655-066	102A	27910-12150	123	30006KOF	5591	33188-2	130	34082DC	4082B	35754	102A	37269	129
25657-050	102A	27910-12153	102	30006KOF	5591	33201-1	116	34082PC	4082B	35773	102A	37273	160
25658-120	131	27913-14200	5626	30006KOF	5591	33201-2	712	34085DC	4085B	35778	102A	37279	103A
25658-121	131	27913-14200	5626	30006KOF	5591	33509-1	159	34085DC	4085B	35778	102A	37280	128
25661-020	121	27987(H. Kardon)	152	30006KOF	5591	33563	123A	34085PC	4085B	35782	121	37287	128
25661-022	104	2807											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
37649	128	38494	130	39542	5642	40143	116	40346	396	40525	5650	40790	5697
37663	128	38495	128	39558	5695	40151	130	40346V1	191	40526	5651	40793	5693
37684	128	38496	129	39561	128	40160BDC	40160B	40346V2	427/396	40527	5652	40794	5695
37677	102	38497	128	39567	128	40160BPC	40160B	40347	324	40528	5650	40796	5677
37680	116	38510-53	140A	39616	181	40161BDC	40161B	40347V2	225	40529	5651	40798	5677
37682	5547	38510-54	177	39617	128	40161BPC	40161B	40348V2	225	40530	5652	40801	5677
37694	128	38510-161	312	39618	129	40162BDC	40162B	40349V2	225	40537	129	40808	125
37694A	108	38510-162	229	39619	129	40162BPC	40162B	40350	161	40537L	129	40809	125
37694B	108	38510-163	123A	39635	181	40163BDC	40163B	40351	161	40537S	129	40809(Trans)	103A + 102A(CP)
37702-1	714	38510-164	199	39669	5626	40163BPC	40163B	40352	161	40538	129	40814	128
37703-1	715	38510-165	192	39705	128	40174	74C174	40354	154	40538L	129	40815	129
37704-1	790	38510-166	123A	39713	128	40174BDC	40174B	40355	154	40538S	129	40816(RCA)	196
37725	154	38510-167	123A	39715	124	40174BPC	40174B	40359	102A	40539	128	40819	454
37730	124	38510-168	186A	39729	316	40182	40182B	40360	128	40539L	128	40820	454
37740	129	38510-169	788	39730	108	40182B	40182B	40360V1	188	40539S	128	40821	454
37741	128	38510-170	801	39731	128	40192BDC	40192B	40361	128	40544	225	40822	454
37763	175	38510-171	1087	39741	192	40192BPC	40192B	40362	129	40546	124	40823	222
37764	129	38510-330	177	39750	152	40193	74C193	40362S	129	40547	124	40828	102A
37767	128	38510-331	5070A	39750(Orrtronics)	184	40193BDC	40193B	40363	130	40553	230	40838	130
37793	129	38510-350	199	39751	181	40193BPC	40193B	40364	175	40554	230	40841	221
37800	128	38511	108	39763	6408	40193DC	40193B	40366	128	40555	230	40842	5637
37806	128	38511A	108	39767	152	40194BDC	40194B	40367	324	40559A	220	40850	124
37833	100	38533	126A	39789	108	40194BPC	40194B	40369	130	40576	56006	40852	283
37833-2	909D	38551	128	39789(Power)	152	40195BDC	40195B	40370	100	40577	123A	40852(VM)	102A
37840	128	38563	222	39804	5802	40195BPC	40195B	40374	124	40578	128	40853	283
37847	128	38588	128	39805	5626	40208	5980	40379	5527	40581	329	40853(VM)	158
37884	123A	38608	5547	39811	5642	40208R	5981	40383	116	40582	224	40867	5462
37888	130	38609	5547	39824	152	40209R	5983	40385	396	40583	6408	40868	5463
37894	311	38626	130	39830	5547	40210	5986	40390	191	40594	188	40869	5465
37899	128	38654	129	39835	128	40210R	5987	40391	401/129	40595	323	40890	230
37900	175	38659	128	39840	5626	40211	5988	40392	128	40595VX	129	40885	228A
37913	175	38680	160	39842	128	40211R	5989	40395	102A	40600	221	40886	228A
37918	129	38681	160	39853	129	40212	5990	40396N	103A	40601	221	40887	228A
37932	278	38685	102A	39863	128	40212R	5991	40396P	102A	40602	221	40888	230
37966	129	38716	128	39864	128	40213	5992	40397	123A	40603	221	40889	231
37967	181	38725	128	39865	129	40213R	5993	40398	123A	40604	221	40890	515
37974	181	38731(Kalof)	130	39868	128	40214	5994	40399	123A	40608	278	40891	515
37975	128	38733	152	39876	192	40214R	5995	40400	123A	40611	128	40892	515
37982	128	38734	129	39893	121	40216	5547	40403	102	40612	121	40894	316
37986-3563	107	38735	128	39901-0001	105	40217	123A	40404	278	40613	152	40895	316
37986-4040	107	38736	128	39902	5444	40218	123A	40405	123A	40616	128	40896	316
37986-4046	107	38737	123A	39919	192	40219	123A	40406	129	40618	152	40897	316
37987	116	38785	108	39920	128	40220	123A	40406S	129	40620	282S	40898	231
37992	5529	38786	108	39921	130	40221	123A	40407	128	40621	152	40899	5632
38045	128	38787	161	39923	194	40222	123A	40408	128	40622	152	40901	5633
38049	181	38788	123A	40231	128	40231	161	40409	401/128	40623	121MP	40902	5635
38052	5802	38789	195A	40232	152	40232	161	40410	401/129	40624	196	40909	103A + 102A(CP)
38057	102A	38804	390	40233	5695	40233	161	40411	181	40625	401/128	40934-1	130
38058	128	38837	128	40234	130	40234	161	40412	396	40626	121	40936	345
38063	311	38840	5626	40235	152	40235	161	40412V2	427/396	40627	196	40964	486
38074	5804	38869	128	40004	160	40236	161	40413	108	40628	401/128	40965	486
38091	158	38870	161	40005	160	40237	161	40414	108	40629	152	40967	362
38093	126A	38885	5527	40006	160	40238	161	40421	121A	40630	152	40968	364
38094	121MP	38890	5626	40022	104	40239	161	40422	124	40631	152	40971	367
38095	159	38897	130	40024	116	40240	161	40423	124	40632	196	40972	472
38112	124	38916	116	40024VM	128	40242	161	40424	175	40632(IC14)	152	40973	350
38117	102A	38920	108	40034	102A	40243	161	40425	124	40634	129	40974	351
38120	154	38921	108	40034-1	102A	40244	161	40426	124	40635	128	40975	359
38121	154	38927	5626	40034-2	102A	40245	161	40427	124	40636	284	40977	359
38122	195A	38927-00000	905	40034-3	102A	40245-1	161	40429	56006	40637	123A	41001-4	116
38137	130	38965	181	40034VM	102A	40245-2	161	40430	5512	40638	5624	41008A	362
38138	130	38970	5529	40035	102A	40245-3	161	40439	191	40639	5626	41009A	362
38166	130	38971	311	40035-1	102A	40246	161	40439(RCA)	120	40640	230	41010	364
38174	116	38976	5527	40035-2	102A	40250	161	40439V1	191	40641	231	41014	5633
38175	103	38986	311	40035-3	102A	40250V1	404/175	40439V2	191	40642	515	41015	5635
38176	102A	38996	154	40036	102A	40251	130	40440	127	40643	515	41020(RCA)	308
38177	102	39005	5547	40036-1	102A	40253	102A	40442	127	40644	515	41020-818	308
38178	123	39034	123A	40036-2	102A	40254	124	40443	297	40645	427/396	41021(RCA)	308
38182	128	39039	5626	40036-3	103A	40255	191	40446	124	40648	124	41023(RCA)	308
38190	311	39042	177	40037	103A	40259	161	40456(RCA)	123A	40650	171	41023-224	125
38199	101	39043	311	40037-1	103A	40259(Rec.)	5882	40457	128	40662	5693	41023-225	125
38200	101	39053	160	40037-2	103A	40260	161	40458	128	40663	5695	41051	123A
38207	108	39060-1	747	40037-3	103A	40263	102A	40459	154	40668	563	41052	129
38208	108	39075	738	40037VM	103A	40263(RCA)	160	40461	312	40669	5635	41053	128
38209	100	39096	123A	40038	102A	40264	124	40461-2	128	40672	5697	41173	519
38246	161	39097	128	40038-1	102A	40264V1	124	40462	104	40673	222	41175	199
38246A	108	39114	129	40038-2	102A	40265	116	40464	130	40674	5697	41177	123A
38265-00000	784	39119	5527	40038-3	102A	40266	5601	40465	130	40680	5697	41177	159
38265-00010	784	39123	124	40039VM	102A	40267	5802	40466	130	40691	5651	41178	184
38265-00020	784	39127	130	40050	104	40268	126A	40467A	220	40692	5652	41179	185
38265-00030	784	39140	181	40051	121	40269	100	40468	312	40702	5693	41180	909D
38267	130	39148	130	40051-2	121	40280	346	40469A	220	40703	5695	41180(Bell + Howell)	909D
38268	181	39149	124	40053	129	40280R	5995	40469	311	40704	5697	41340	185
38269	158	39196	181	40080	329	40281	475	40470	108	40707	5693	41344	184
38270	128	39213	130	40081	329	40282	476	40471	311	40708	5695	41440	159
38271	128	39231	128	40081V1	329	40283	123A	40472	161	40710	5697	41500	152
38272	130	39238	128	40082	329	40284	473	40473	123A	40713	5673	41501	197
38279	311	39248	128	40082A2	128	40285	161	40474	123A	40714	5675	41502	128
38281	2												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
42358-00020	359	46140-2	116	51429-02	123A	55982-1	9932	60205	130	60998	5643	61819	5547
42396	312	46287-4	110MP	51429-03	123A	55986-1	909	60213	726	61003-4	158	61828	128
42464	123A	46444-01	9910	51429-3	123A	55987-1	9962	60213(IC)	726	61007	390	61831	5635
42942	152	46444-02	9914	51441	123A	56228-19	3042	60213(Transistor)	130	61008-8	102A	61832	5697
43021-017	123A	46444-05	9913	51441-01	123A	56228-20	3045	60215-1	109	61008-8-1	102A	61841	128
43021-198	128	46445-09	9963	51441-02	123A	56228-21	3045	60216	152	61008-8-2	102A	61868	130
43022-860	108	46447-08	941	51441-03	123A	56353	449A	60219	175	61009-1	108	61872	5635
43036	1029	46447-16	911	51442	123A	56519	9946	60227	5689	61009-1-1	108	61875	562
43044	123A	46447-25	973D	51442-01	123A	56552	9093	60228	128	61009-1-2	108	61917	128
43045	123A	46447-33	973	51442-02	123A	56553	9930	60234	181	61009-2	108	61932	5675
43046	121	46447-40	778A	51442-03	123A	56557	9936	60237	196	61009-2-1	108	61937	129
43054	199	46447-50	941	51545	123A	56558	9945	60243	130	61009-4	123A	61940	316
43055	199	46447-55	941M	51547	123A	56571	9962	60245	5626	61009-4-1	123A	61957	5529
43060	130	46490-2	101	51650	121	57000-5452	108	60246	5626	61009-6	108	61958	152
43062	177	46590-2	103	52000-030	9930	57000-5503	123	60256	5483	61009-6-1	108	61965	124
43072	5079A	46591-2	103	52000-032	9932	57001-01	128	60259	5642	61009-9	129	61981	152
43074	179	46592-2	103	52000-033	9933	57009	234	60270	5651	61009-9-1	129	61997	196
43082	128	46593-2	103	52000-036	9936	57174	5642	60294	128	61009-9-2	129	62004	130
43088	128	46631-2	101	52000-037	9937	57202	5626	60304	5529	61009-9-3	102A	62005-1	130
43089	129	46774-1	101	52000-044	9944	57268-9	123A	60306	5624	61010-0	108	62013	124
43090	706	46775-2	101	52000-046	9946	57420-1	116	60308	124	61010-0-1	108	62019	128
43095	130	46776-2	102	52000-048	9948	58112-002	177	60314	108	61010-2-1	126A	62032	102A
43104	284	46914	5802	52000-049	9949	58112-1	109	60317	5642	61010-6	121	62075	5529
43107	129	47126	116	52000-052	9099	58112-2	177	60319	5642	61010-6-1	121	62119	124
43114	130	47126-003	116	52000-055	9097	58215-01	123A	60322	5693	61010-7-1	108	62140	125
43115	192	47126-1	116	52000-057	9157	58503-1	116	60323	5642	61010-7-2	123A	62142	175
43116	129	47126-1A	116	52000-058	9158	58725P-15	2128	60335	129	61011-0	129	62143	130
43117	128	47126-2	116	52000-061	9961	58810-80	116	60337	221	61011-0-1	129	62144	196
43118	182	47126-3	116	52000-062	9962	58810-82	177	60339	181	61011-2	116	62156	152
43119	182	47126-3A	116	52000-063	9963	58810-83	109	60341	5652	61011-3-2	123A	62177	121
43120	182	47126-4	116	52215-00	130	58810-85	116	60350	128	61012	130	62185	128
43122	128	47126-4A	116	52329	130	58810-86	140A	60353	724	61012-4-1	101	62188	284
43125(EV)	159	47126-6	116	52360	130	58810-160	312	60360	5635	61012-5-1	160	62191	5635
43127	159	47126-7	116	53016R	177	58810-161	107	60373	515	61013-2-1	123A	62192	128
43128(EV)	159	47126-8	156	53088-4	125	58810-162	123A	60380	181	61013-4-1	129	62193	5697
43131(EV)	123AP	47126-9	116	53092-1	109	58810-163	123A	60395	123A	61013-9-1	108	62203	192
43134(EV)	123AP	47126-10	156	53093-1	113A	58810-164	199	60407	186	61015-0-1	108	62204	129
43137(EV)	123AP	47126-12	116	53099-1	116	58810-165	123A	60408	152	61019	130	62207	5642
43139	123	47127-3	116	53099-3	116	58810-166	123A	60410	5633	61026	311	62211	5635
43139(EV)	216	47394-2	102	53157-130	5022A	58810-167	199	60413	186	61035	196	62212	5675
43163	152	47645-2	103	53157-560	5042A	58810-168	123A	60415	5635	61049	123A	62229	124
43165	128	47737-2	102	53200-22	123A	58810-169	186	60416	196	61086-1	233	62232	5642
43168	130	48000-07	123A	53200-23	123A	58810-170	1100	60417	128	61088	5801	62238	5635
43200	7400	48004-08	123A	53200-51	123A	58810-171	1142	60423	128	61093	5642	62243	128
43201	7404	48009	312	53200-74	199	58810-172	1067	60424	5675	61096	5642	62274	5642
43202	7408	48009(1)	312	53201-01	102A	58840-111	116	60428	128	61100-4100	5635	62277	197
43205	7473	48106	169	53201-11	102A	58840-113	177	60451	5626	61102	152	62279	197
43296	312	48287	109	53201-51	224	58840-114	110MP	60457	188	61102-0	126A	62282	5529
43508	17	48287-4	110MP	53300-1	128	58840-116	116	60458	189	61104	5643	62287	181
43761	135A	48385-2	103	53300-31	125	58840-117	140A	60465	130	61122	5529	62334	5675
43959	109	48387-4	110MP	53300-41	116	58840-192	107	60466	5633	61133	108	62342	5635
43992-2	101	48703-001	987	53301-01	125	58840-193	123A	60478	5643	61134	5643	62382	130
44001	519	48711-001	955M	53301-01	123A	58840-194	123A	60496	5675	61157	5642	62398	128
44002	519	48931	290	53704D	230	58840-195	123A	60533	5675	61158	5642	62404	128
44002(RCA)	116	48937-2	126A	54016-01	159	58840-196	123A	60550	5643	61163	551	62446	128
44003	125	48938-2	126A	54016-03	123AP	58840-197	123A	60559	124	61173	181	62449	108
44004	125	49058-2	103	54016-04	123AP	58840-198	123A	60572	5633	61189	5675	62452	128
44005	125	49058-2	103	54016-06	159	58840-199	123A	60579	5626	61190	5642	62457	5642
44006	125	49138-2	101	54142-02	4049	58840-200	186	60582	5642	61193	152	62511	196
44007	125	49139-2	102	54142-03	4011B	58840-201	1100	60594	5693	61209	128	62512	197
44208	152	49341	102A	54142-04	4023B	58840-202	720	60597	128	61218	127	62540	128
44209	153	50939-2	160	54142-05	4007	58840-203	1087	60613	5626	61219	128	62547	238
44463-3	116	50939-3	30A	54142-06	4023B	58840-204	116	60615	5643	61224	5642	62571	152
44465-4	116	50137-2	128	54142-07	4024B	58840-205	116	60622	175	61234	130	62584	129
44465-5	116	50200-1B	152	54142-08	4040B	59519-1	116	60650	5635	61239	187	62612	128
44465-6	116	50200-8	196	54142-09	4016B	59557-48	102A	60659	128	61242	186	62660	175
44615-1	102	50200-9	152	54142-10	4017B	59557-49	116	60663	5626	61244	129	62665	124
44699	159	50200-12	128	54142-11	4029	59557-50	102A	60667	5675	61252	196	62680	5643
44763	188	50200-24	152	54142-13	4015B	59625-2	102A	60673	5642	61260	5496	62681	152
44764	189	50201-4	153	54142-21	4053B	59625-3	102A	60677	128	61275	311	62689	124
44765	189 + 188(CP)	50202-1	123A	54142-23	4002B	59625-4	102A	60678	196	61275	128	62708	129
44766	312	50202-2	123A	54809P1	5547	59625-5	102A	60679	152	61282	311	62746	5643
44933	515	50202-9	194	55001	7400	59625-6	102A	60680	128	61285	152	62759	197
44934	515	50202-12	128	55002	7402	59625-7	102A	60682	128	61286	152	62763	175
44935	515	50202-13	123A	55003	7404	59625-8	102A	60684	154	61291	5642	62792	130
44936	515	50202-14	123A	55004	7405	59625-9	102A	60685	124	61295	5675	62950	186
44936(RCA)	515	50202-23	123A	55005	7410	59625-10	159	60694	5626	61359	128	63234-1	909
44937	116	50202-24	128	55006	7420	59625-11	102A	60697	128	61360	128	63282	159
44937(RCA)	515	50203-8	159	55007	7430	59625-12	102A	60700	128	61369/4367	130	63719(Boston Gear)	116
44938	116	50203-12	159	55008	7442	59840	177	60701	129	61370/4560	128	63719(Boston Gear)	116
44938(RCA)	515	50210-2	9932	55009	7447	59840-1	519	60703	128	61371/4561	129	63722(Boston Gear)	5878
44967-2	102	50210-7	909A	55010	7410	59844-1	116	60710	130	61376	5635	63723(Boston Gear)	5882
45122	159	50210-8	9962	55011	7412	59844-2	116	60719	152	61384	5695	63729(Boston Gear)	5527
45184	123A	50212-19	177	55012	7476	59844-3	116	60719-1	159				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
67586	123A	71266-203	289A	71965-1	177	72259-1	289A	74154PC	74154	75613-1	199	80287	706
67590	109	71266-204	289A	72003	176	72300PB5	5651	74155DC	74155	75613-2	199	80416C	121
67599	108	71266-205	289A	72004	176	72303PM	5643	74155PC	74155	75614-1	123A	80501	289A
67902	108	71266-206	289A	72006	176	72333-001	976	74156DC	74156	75616-6	108	80540	123A
68177	116	71266-207	289A	72013	109	72351-001	199	74156PC	74156	75617-1	159	80544	123A
68177A	116	71266-208	289A	72020	358	72393-001	4049	74157DC	74157	75617-2	159	80545	123A
68504-62	160	71266-210	289A	72036	115	72394-001	4011B	74157PC	74157	75636-1	77	80710	712
68504-63	102A	71266-211	289A	72041	115	72396-001	4012B	74163	74163	75653-1	341	80755	781
68504-76	110MP	71266-211	289A	72053	113A	72397-001	4013B	74163N	74163	75654-1	316	80757	727
68504-77	109	71266-212	289A	72054-001	172A	72398-001	4027B	74164DC	74164	75700-03-01	121	80907	130
68504-78	116	71266-213	289A	72054-1	172A	72399-001	4024B	74164PC	74164	75700-04	123A	80813VM	123A
68555	128A	71266-214	289A	72054-101	172A	72409-001	467	74165DC	74165	75700-04-01	123A	80814VM	123A
68617	123A	71266-215	289A	72058	116	72411-001	4016B	74165PC	74165	75700-05	123A	80815VM	123A
68645-03	116	71411-001	5074A	72058A	116	72412-001	74C164	74165DC	74166	75700-05-01	123A	80816VM	123A
68895-13	102	71411-002	142A	72059	358	72414-001	309K	74166N	74166	75700-05-02	123A	80817VM	103A
68994-1	941	71411-003	5077A	72060	116	72415-001	931	74166PC	74166	75700-05-03	123A	80818VM	102A
68995-1	910A	71411-005	5031A	72079	116	72415-003	933	74170DC	74170	75700-08	123A	80827	706
69107-42	126A	71411-008	5029A	72079-001	116	72417-001	5452	74170PC	74170	75700-08-02	123A	80829	789
69107-43	160	71411-009	5010A	72079-002	116	72417-101	5452	74173DC	74173	75700-09-01	123A	80902-1	128
69107-44	126A	71411-011	5000A	72079-003	116	72461-001	4050B	74173PC	74173	75700-09-21	123A	80904-1	128
69107-45	102	71411-014	5027A	72079-004	116	72462-001	7475	74174	74174	75700-13-01	129	80951	5074A
69111	116	71411-017	5022A	72079-1	116	72463-001	74154	74174DC	74174	75700-14-02	116	80968	5063A
69213-76	116	71411-018	5008A	72079-2	125	72468-001	74C04	74174PC	74174	75700-14-05	125	81170-6	123A
69901(Zenith)	159	71411-1	141A	72079-3	125	72469-001	2042B	74175DC	74175	75700-22-01	175	81177	727
70008-0	130	71411-2	142A	72079-4	125	72473-001	141A	74175PC	74175	75700-24-02	125	81336-1	727
70008-3	130	71411-3	5077A	72080	109	72474-001	5402	74176DC	74176	75702-15-21	116	81336-2	727
70019-1	175	71411-4	5079A	72093-001	184	72475-001	7400	74176PC	74176	75702-15-24	117A	81404-4A	102A
70019-5	175	71411-5	5081A	72097	116	72476-001	74C00	74177(C)	74177	75702-15-34	125	81410-145	195
70023-0-00	123A	71411-6	146A	72101	116	72477-001	74C76	74177DC	74177	75803-1	153	81500-3	102A
70023-1-00	123A	71411-7	5081A	72103	116	72513-001	74C20	74177PC	74177	75803-2	153	81501-5	102A
70055	177	71411-8	5079A	72109	116	72541-001	74C10	74178DC	74178	75803-3	153	81502-0	100
70064-7	116	71411-9	5010A	72110	116	72544-001	74C175	74178PC	74178	75810-17	108	81502-0A	100
70066-3	116	71411-10	145A	72111	116	72546-001	219	74179DC	74179	75860CH	102	81502-0B	100
70066-4	116	71411-11	5000A	72113	116	72547-001	2013	74179PC	74179	76236	123A	81502-1	100
70087-31	128	71411-12	147A	72113A	116	72548-001	2041B	74180DC	74180	76251	390	81502-1A	100
70158-9-00	129	71411-13	5011A	72114	123A	72591-001	130	74180PC	74180	76600P	746	81502-1B	100
70167-8-00	108	71411-15	135A	72115	123A	72599-001	948	74181DC	74181	76675	109	81502-2	102A
70177A01	798	71411-17	5022A	72116	123A	72601-001	4051B	74181PC	74181	76675A	109	81502-2A	102A
70177A02	748A	71411-18	5008A	72117	102A	72602-001	74C193	74182DC	74182	76675B	109	81502-3	102A
70177A03	738	71412-1	289A	72117-001	153	72648-001	4006B	74182PC	74182	76797-2	923	81502-3B	102A
70177A05	749	71412-2	289A	72117-1	187	72649-001	4006B	74190DC	74190	77001	230	81502-4	102A
70177A07	7675	71412-3	289A	72117-101	153	72651-001	74C02	74190PC	74190	77027-1	9093	81502-4A	102A
70177B02	748A	71412-4	289A	72119	116	72653-001	74C154	74191DC	74191	77027-2	9093	81502-4B	102A
70205-8A	125	71412-5	289A	72123	116	72668-001	980	74191PC	74191	77052-3	102A	81502-5	100
70231	108	71447-001	192A	72123A	116	72764-21	100	74192DC	74192	77052-4	102A	81502-5A	100
70260-11	108	71447-002	192A	72128	110MP	72784-22	102A	74192PC	74192	77053-2	102A	81502-5B	100
70260-12	108	71447-003	192A	72128A	109	72784-23	102A	74193	74193	77068-3170756	124	81502-6	101
70260-13	108	71447-1	192A	72129	109	72797-80	126A	74193DC	74193	77190-7	116	81502-6A	101
70260-14	123A	71447-2	192A	72129A	109	72797-81	160	74193PC	74193	77190-8	116	81502-6B	101
70260-15	123A	71447-3	192A	72130	116	72799-41	102A	74195N	74195	77271-3	116	81502-6C	101
70260-16	123A	71447-101	123A	72130-1	116	72813-10	102A	74196DC	74196	77271-4	125	81502-6D	101
70260-18	130	71447-201	123A	72131-001	6402	72823-001	4013B	74196PC	74196	77271-8	160	81502-7	100
70260-19	129	71448	121	72131-002	6402	72824-001	4015B	74197DC	74197	77272-0	102A	81502-7A	100
70260-20	123A	71448-1	121	72131-1	6402	72825-001	4042B	74197PC	74197	77272-1	102A	81502-7B	100
70260-29	129	71448-2	121	72131-102	6402	72827-001	4069	74198DC	74198	77272-5	102A	81502-7C	100
70270-05	125	71448-3	121	72132-001	829	72828-001	4071B	74198PC	74198	77272-7	102A	81502-8	100
70270-23	116	71448-4	121	72132-1	829	72829-001	4081B	74199DC	74199	77272-9	102A	81502-8A	100
70270-38	125	71448-5	121	72133-1	7678	72830-001	4082B	74199PC	74199	77272-10	102	81502-8B	100
70299-1	326	71448-6	121	72133-2	7678	72831-001	451B	74200-9	116	77273-2	116	81502-8C	100
70372-1	116	71448-7	121	72135	138A	72832-001	4555B	74200-9	116	77273-6	102A	81502-9	102A
70372-2	116	71448-10	179	72135-C	138A	72833-001	4001B	74221N	74221	77273-7	102A	81502-9A	102A
70398-1	101	71449	5802	72137	506	72834-001	4002B	74290DC	74290	77273-8	112	81502-9B	102A
70399-1	6400B	71449-1	5801	72145	116	72835-001	4011B	74290PC	74290	77273-9	159	81502-9C	102A
70399-2	6401	71467-1	177	72145A	116(5)	72836-001	4013B	74293DC	74293	77800-113	5017A	81503-0	102A
70432-16	116	71467-2	177	72146	177	72839-001	902	74293PC	74293	7801	231	81503-0A	102A
70434	121	71488-4	121	72147	177	72847-51	102A	74651-02	123A	78010(Plastic)	1932	81503-0B	102A
70511	123A	71488-5	121	72148	113A	72856-63	121	74662	181	78010AP	1932	81503-0C	102A
70581-1	119	71488-6	121	72150	102A	72874-52	123A	74663	181	78011	74C131	81503-1A	102A
71006-28	116	71588-1	116	72151	123A	72878-39	126A	74664	181	78012	4051B	81503-1B	102A
71006-30	116	71588-2	116	72151(Rectifier)	156	72879-40	126A	74665	181	78023	977	81503-3	102A
71119-002	177	71588-5	116	72152	178MP	72923-08	160	75450APC	75450B	78024	987	81503-3A	102A
71119-1	177	71588-6	116	72158	116	72941-33	102A	75450BAPC	75450B	78025	4027B	81503-4	102A
71119-2	519	71687-1	177	72161-1	508	72948-10	108	75450BPC	75450B	78028	4012B	81503-4A	102A
71119-3	519	71687-1	519(2)	72162-1	508A	72951-96	108	75451APC	75451B	78029	4023B	81503-4B	102A
71129	5963	71686-004	457	72162-2	500A	72951-96	108	75451ATC	75451B	78032	824	81503-4C	102A
71129-1	5963	71686-005	312	72163-1	178MP	72963-14	123A	75451BPC	75451B	78034	987	81503-6	100
71129-2	5962	71686-006	312	72165-1	5097A	72979-80	108	75451BPC	75451B	78035	950	81503-6A	100
71193-2	102A	71686-007	312	72165-3	5068A	73000-9	102A	75451BPC	75451B	78331	159	81503-6B	100
71226-002	289A	71686-015	312	72165-5	5099A	73501-1	123A	75452(IC)	75452B	78339	130	81503-6C	100
71226-003	28												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
81506-8	126A	84628-1	9921	93027	117A	94005	158	95171-4	289A	99201-102	5002A	102209	128
81506-8A	126A	84628-2	9921	93028	116	94006	102A	95172-2	102A	99201-110	5011A	102249	36
81506-8B	126A	84628-3	9921	93030	140A	94007	160	95173-1	102A	99201-116	5019A	102280	159
81506-8C	126A	84628-4	9921	93141DC	74141	94008	102A	95175-2	85	99201-120	145A	102263	159
81506-9	102A	84630	9900	93141PC	74141	94009	158	95201	102	99201-201	5000A	102989	109
81506-9A	102A	84630-1	9900	93145DC	74145	94010	179	95202	103	99201-208	5115A	103318	116
81506-9B	102A	84630-2	9900	93145PC	74145	94013	160	95203	102	99201-209	5010A	103443	101
81506-9C	102A	84630-3	9900	93150DC	74150	94014	102A	95204	102	99201-210	136A	103508-2	9914
81507-0	102A	84631	99748	93150PC	74150	94015	102A	95208	102	99201-211	137A	103508-3	9915
81507-0A	102A	84631-1	99748	93151DC	74151	94016	102A	95209	102	99201-212	5014A	103514	519
81507-0B	102A	84631-2	99748	93151PC	74151	94017	158	95211	101	99201-216	140A	103521	123A
81507-0C	102A	84631-3	99748	93152DC	74152	94018	158	95212	102	99201-217	5020A	103562	102A
81507-0D	102A	84631-4	99748	93152PC	74152	94019	158	95213	102	99201-219	142A	103661-3	449
81507-4	102A	85501	290A	93153DC	74153	94020	158	95214	102	99201-221	5025A	103705	9946
81507-5	103A	85549	123A	93153PC	74153	94021	158	95216	123	99201-224	5080A	103717	9962
81507-6	103A	86001	109	93154DC	74154	94022	158	95216RED	123	99201-228	147A	103729	9930
81510-3	100	86257	129	93154PC	74154	94023	103A	95216V	123	99201-229	5037A	103731	9932
81510-4	102A	86287	123A	93155DC	74155	94024	121	95217	102	99201-242	5097A	103743	9936
81510-5	100	86313	786	93155PC	74155	94025	121	95218	102	99201-278	147A	103755	9945
81511-4	102A	86452	102	93156DC	74156	94026	121	95219	102	99201-310	5011A	103872	113A
81511-5	100	86458	124	93156PC	74156	94027	123A	95220	128	99201-312	5071A	104009	126A
81511-6	100	86458-00	124	93164DC	74164	94028	160	95221	289A	99201-316	140A	104059	126A
81511-7	100	86812	123	93164PC	74164	94029	130A	95222-1	102	99201-318	5021A	104080	103A
81511-8	102A	86822	123	93165DC	74165	94030	102A	95222-2	103	99201-319	5022A	104081	116
81512-0	102A	86832	102	93165PC	74165	94032	121	95223	123A	99201-321	5025A	104152	109
81512-0A	102A	86842	102	93166DC	74166	94033	160	95224-1	102A	99201-325	5081A	104213	116
81512-0B	102A	87532	128	93166PC	74166	94034	121	95224-2	103A	99201-326	146A	104273	116
81512-0C	102A	87756	177	93170DC	74170	94035	160	95224-3	103A	99201-331	5039A	104325	116
81512-0D	102A	87757	160	93170PC	74170	94036	160	95224-4	102A	99202	102A	104389	123A
81512-0E	102A	87758	159	93174DC	74174	94037	159	95225	123	99202-128	147A	104444	102A
81513-3	123A	87759	159	93174PC	74174	94037(EICO)	102A	95226-003	193	99202-210	136A	104615	116
81513-6	102A	87826B	1232	93175DC	74175	94038	126A	95226-004	192	99202-216	140A	104680	3018
81513-7	121	88060-52	177	93175PC	74175	94038(EICO)	102A	95226-1	128	99202-217	5074A	104680(Organ)	3018
81513-8	116	88060-53	110MP	93176DC	74176	94039	102A	95226-2	123	99202-218	142A	104719	128
81513-9	102A	88060-54	5072A	93176PC	74176	94040	121	95226-3	288	99202-220	143A	104762	519
81514-2	116	88060-55	177	93177DC	74177	94041	128	95226-4	287	99202-221	5075A	104825	1179
81515-8	102A	88060-141	312	93177PC	74177	94042	128	95227	159	99202-222	5077A	104830	9930
81516-0	102A	88060-142	229	93178DC	74178	94043	195A	95227-1	159	99202-223	5078A	104833	9933
81516-0A	102A	88060-143	123A	93178PC	74178	94044	108	95228	312	99202-226	146A	104836	9936
81516-0B	102A	88060-144	199	93179DC	74179	94047	123A	95229	106	99202-228	147A	104844	9944
81516-0C	102A	88060-145	128	93179PC	74179	94048	123A	95231	312	99202-229	5143A	104846	9946
81516-0D	102A	88060-146	186	93180DC	74180	94049	175	95232	159	99202-237	5093A	104862	9962
81516-0E	102A	88060-147	1100	93180PC	74180	94050	128	95233	128	99202-318	142A	105064	120
81516-0F	102A	88510-52	177	93180DC	74180	94051	128	95235	5400	99203	102A	105180	128
81516-0G	102A	88510-53	110MP	93180PC	74180	94051(EICO)	154	95239-1	129	99203-003	552	105325	1155
81516-0H	102A	88510-54	5072A	93191DC	74191	94052	129	95240-1	159	99203-005	116	105330	358
81516-0J	102A	88510-55	177	93191PC	74191	94062	192	95241-1	294	99203-006	116	105350	3018
81516-0K	102A	88510-171	312	93196DC	74196	94063	129	95241-2	294	99203-3	552	105432	123A
82716	108	88510-172	107	93196PC	74196	94064	129	95241-3	294	99203-4	116	105468	106
82944-37	855	88510-173	123A	93197DC	74197	94065	130	95242-1	108	99203-5	116	105517	109
82944-38	856	88510-174	199	93197PC	74197	94065A	130	95250	121	99203-6	116	105604	358
82965F	5635	88510-175	123A	93198DC	74198	94066	128	95250-1	121	99203-6(RCA)	116	106379	117A
83008	116	88510-176	168	93198PC	74198	94067	129	95251	121	99203-7	125	106525	1167
83011	108	88510-177	1100	93199DC	74199	94068	129	95252	124	99203-8	125	106625	1186
83272	159	88510-178	1142	93199PC	74199	94070	128	95252-1	124	99203-9	116	106719	11108
83741C01	5465	88641	116	93403	7489	94090(EICO)	179	95252-2	124	99203-201	116	107225	1192
84001	129	88686	123	93407	7481	94091(EICO)	179	95252-3	124	99203-202	116	107268	116
84001A	129	88687	123A	93417AD	74537	94094	175	95252-4	124	99203-203	552	107274	102
84001B	129	88688	123A	93417AD	74537	94094(EICO)	175	95252-5	102	99203-206	552	107474	113A
84011	4011B	88700	176411	93417APC	745387	94152	7408	95257	104MP	99203-208	552	107540	116
84011U	4011B	88796-1-1	5529	93417APC	745387	94325	9937	95258-1	188	99204	102A	107625	123A
84107	74107	88834	175	93417D	745387	94327	9944	95258-2	189	99205	102A	107628	115
84109	74109	88803	128	93417PC	745387	94330	913	95261-1	153	99206-1	123A	107729	112
84110	74110	88803-2-1	128	93417PC	745387	94331	9933	95261-2	153	99206-2	123A	109308	113A
84111	74111	88803-3-1	128	93417PC	745387	94333	9932	95262-1	184	99206-5	116	109328	113A
84121	74121	88832	121	93427AD	745287	94835-145-00	128	95262-2	185	99207-2	123A	109474	113A
84122	74122	88832	128	93427AD	745287	95000	109	95263-1	184	99210-204	134A	109690(ELECTRO)	6402
84123	74123	88832	123A	93427AD	745287	95001	109	95263-2	185	99210-210	136A	109700(ELECTRO)	6402
84125	74125	89028-2	9945	93427APC	745287	95002	109	95264-1	203	99211	102	110043	116
84126	74126	89028-3	9944	93427D	745287	95003	177	95285-1	188	99218	102	110075	195A
84128	74128	89028-4	9946	93427DC	745287	95004	109	95285-3	824	99240-269	199	110240-005	9948
84132	74132	89028-1-4	9946	93427PC	745287	95007	109	95286	743	99240-292	219	110242-003	9962
84145	74145	90000-6	9933	93434	74534	95008	109	95288	718	99250	121	110242-004	9962
84150	74150	90000-1	76	93436D	745370	95012	177	95289	720	99252	124	110263	158
84151	74151	90000-2	76	93436D	745370	95014	109	95291	722	99252-1	124	110351	146A
84153	74153	90041	333	93438DC	745370	95015	116	95292	802	99252-2(Plastic)	157	110388	116
84154	74154	90050	121	93438PC	745370	95016(EICO)	117A	95293	722	99252-2(Metal)	124	110472-003	9944
84155	74155	90062	333	93438PC	745370	95016	117A	95294	722	99252-3	124	110494	158
84156	74156	90063	470	93438D	745370	95017	109	95295	172A	99252-4	152	110565	103A
84160	74160	90131	123A	93438DC	745370	95018	109	95298	704	100017	109	110496	116
84161	74161	90203-6	116	93439P	745370	95101	160	95332-1	177	100017-001(Atari)	2117	110515	104
84162	74162	90209-172	123A	93439PC	745370	95102	160	95332-2	177	100092	123A	110610	109
84163													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
111954	160	116073	108	119596	177	123806	102A	126525	123A	129028	109	130761	5075A
111955	160	116074	123A	119597	177	123807	123A	126526	123A	129029	116	130762	5025A
111956	160	116075	124	119600	704	123808	131MP	126527	177	129042	108	130793	229
111957	102A	116076	123A	119635	123AP	123809	102A	126604	711	129049	108	130800(ELECTRO)	5457
111958	103A	116077	123A	119636	123AP	123813	177	126609	711	129050	108	131005	5527
111959	102A	116078	123A	119650	124	123840	116	126670	108	129051	123A	131006	5527
112001	160	116078(RCA)	159	119651	614	123852	311	126697	102A	129095	553	131075	152
112002	160	116079	108	119652	112	123877	102A	126698	233	129144	229	131095-2	175
112011	160	116080	108	119697	177	123940	159	126699	123AP	129145	229	131139	191
112017	116	116081	154	119721	121	123941	123AP	126700	159	129146	85	131140	191
112018	116	116082	108	119722	127	123944	123AP	126701	123AP	129147	289A	131161	196
112032	160	116083	108	119723	127	123971	159	126702	123AP	129157	109	131214	112
112041	126A	116084	100	119724	123A	123991	159	126703	128	129158	109	131221	108
112071	102	116085	123A	119725	123A	124024	107	126704	123AP	129203	504	131239	196
112296	160	116086	127	119726	123A	124047	159	126705	128	129213	116	131240	123A
112297	102A	116087	127	119727	158	124097	126A	126706	123AP	129241	116(2)	131241	159
112329	116	116088	127	119728	128	124098	116	126707	159	129286	102A	131242	159
112329(Amphenol)	177	116089	27	119730	159	124263	108	126708	123AP	129334	116(4)	131242-12	129
112330	109	116091	102A	119822	128	124390	85	126709	154	129348	OBS-NLA	131243	123AP
112355	108	116092	123A	119823	159	124412	107	126710	154	129359	612	131243-12	123A
112356	123A	116093	121	119824	161	124511	130	126711	123AP	129375	600	131245	177
112357	123A	116118	152	119825	161	124557	123A	126712	128	129389	126A	131257	181
112358	123A	116119	52	119919	109	124616	129	126713	123AP	129392	107	131262	106
112359	123A	116119	108	119956	177	124623	107	126714	123AP	129392-14	108	131300	9930
112360	128	116148	123	119982	123A	124624	107	126714(RCA)	222	129393	85	131301	9932
112361	128	116198	108	119983	129	124625	160	126715	159	129393-14	108	131303	9936
112362	224	116200	229	120068	519	124626	102A	126716	123AP	129394	85	131304	9944
112520	123A	116200	108	120073	123A	124634	106	126717	123AP	129394-14	108	131305	9945
112521	123A	116201	102A	120074	123A	124753	123AP	126718	159	129424	451	131306	9946
112522	123A	116202	160	120075	102A	124754	233	126719	159	129425	289A	131308	9962
112523	123A	116203	102A	120085	123A	124755	159	126720	123AP	129474	109	131310	123AP
112524	108	116204	103A	120143	102A	124756	123AP	126721	123AP	129475	601	131311	123AP
112525	108	116205	102A	120144	102A	124757	319P	126722	427/128	129509	289A	131312	9093
112526	109	116206	102A	120231	116(4)	124759	123A	126724	159	129510	289A	131318	123AP
112527	224	116207	160	120471	125	124812	116	126725	128	129511	289A	131320	123AP
112528	156	116208	160	120481	123A	125105	116	126726	124	129512	85	131330	123A
112529	109	116209	160	120482	123A	125126	142A	126727	124	129513	85	131346	230
112529(Amphenol)	177	116273	109	120483	123A	125127	116	126736(Regulator)	5074A	129556	112	131347	231
112530	139A	116279	124	120503	116	125135	123A	126849	167	129571	85	131454	5642
112531	116	116284	129	120504	142A	125137	108	126851	5071A	129573	289A	131475	580
112543(Bose)	332	116286	102A	120544	116	125138	108	126852	145A	129574	85	131476	515
112544(Bose)	331	116314	112	120545	102A	125139	123AP	126853	5103A	129604	313	131501	116
112640(ELECTRO)	976	116588	123A	120546	102A	125140	123AP	126854	5097A + 5101A(CP)	129682-001	519	131502	116
112826	116	116593	116	120617	109	125141	123AP	126855	156	129687	159	131503	161
113039	116	116623	912	120818	173BP5	125142	159	126856	552	129699	519	131544	229
113182	159	116628	102A	120909-24.4	102A	125143	123A	126857	515	129708-101	159	131545	229
113321	116(3)	116683	160	121151	102A	125144	229	126858	515	129759	116	131586-21	5687
113348	123A	116684	160	121152	102A	125261	112	126859	515	129802	102A	131647	159
113391	119	116685	102A	121153	100	125263	108	126860	118	129871	904	131648	108
113392	116	116686	102A	121154	100	125264	108	126861	116	129871	710	131710	234
113397	177	116687	103A	121180	156	125329	107	126862	119	129897	123AP	131711	199
113398	116	116730	110MP	121243	121	125330	126A	126863	123AP	129899	123AP	131721	5801
113398(Transistor)	123A	116756	126A	121244	179	125339	85	126863(Regulator)	5097A	129903	139A	131814	614
113438	123A	116757	102A	121467	159	125389-14	123A	126864	147A	129903(RCA)	5073A	131815	156
113524	123A	116796P1	704	121468	116	125390	85	126871	710	129938	137A	131815(RCA)	112
113975	130	116875	123A	121655	123A	125392	108	126885	125	129940	143A	131844	108
113976	181	116906	85	121658	123A	125394	85	126889	230	129946	145A	131848	229
113998	161	116988	102A	121659	159	125397	177	126898	230	129947	5116A	131848(RCA)	152
113942	128	116996	102A	121660	123A	125399	612	126900	162	129949	123A	131849	152
113998	116	116997	102A	121661	129 + 128(CP)	125458	600	126945	102A	129979	108	131950	116
114013	116(5)	116998	102A	121661(RCA)	123A	125471	116	127017	109	129980	222	131951	116
114143-1	108	117145	116	121662	123A	125474	85	127102	116	130013(Triac)	5695	132076TFI	519
114267	161	117145A	116	121663	123A	125475	85	127112	102A	130013(Transistor)	123A	131814	614
114401	5529	117208	102A	121664	123	125475-14	109	127114	102A	130015	130	132149	116
114504	176	117209	102A	121680	116	125485	177	127166	7855	130025	230	132175	123AP
114504A03	176	117210	102A	121994	7855	125499	5074A	127176	116	130026	536A	132176	159
114525	395	117616	102A	122061	101	125519	85	127177	142A	130040	172A	132195	159
115039	116	117617	102A	122074	123A	125528	177	127178	222	130044	5019A	132314	730
115060-102	519	117618	126A	122111	101	125529	116	127204	123A	130045	177	132314	728
115063	121MP	117658	126A	122112	101	125548	116	127297	102A	130046	177	132315	729
115099	614	117659	109	122129	116	125588	177	127303	102A	130047	5019A	132325	230
115101	109	117724	126A	122166	109	125703	121	127335	123AP	130048	103A	132326	231
115123	138A	117725	160	122199	704	125707	159	127354	85	130052	116	132327	128
115167	123A	117726	160	122243	102A	125711	12	127355	85	130096	148A	132328	128
115225	123A	117727	102A	122244	102A	125761	121	127365	85	130110	125	132329	123AP
115227	160	117728	102A	122517	108	125787	166	127376	128	130122	712	132401(WURLITZER)	9989
115228	160	117729	612	122518	108	125790	160	127379	128	130130	780	132416	142A
115229	160	117730	109	122519	85	125835	116	127382	145A	130132	5077A	132418	116
115268	121	117760	109	122520	109	125844	177	127386	116	130139	159	132445	188
115269	121	117823	108	122664	123A	125852	145A	127397	158	130172	128	132446	188
115270-101	106	117824	126A	122665	123AP	125944	108	127398	123A	130174	128	132447	189
115275	126A	117866	160	122725	126A	125964	116	127399	123A	130200-00	102A	132448	189
115281	121	117867	158	122788	116	125972	160	127404	177	130200-02	102A	132478	159
115282	121	118040(ELECTRO)	975	122792	121	125983	116	127529	108	130215	159	132488	189
115283	121	118200	123A	122901	102A	125991	85	127532	112	130221	909	132492	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
132865	136A	136834	143A	138681	949	141370-1	165	143561	986	144849	1428	146610	199
132912	109	136835	558	138689	797	141371	222	143594	525	144850	1425	146611	109
132966	503	136848	152	138736	119	141372	222	143595	109	144851	1421	146612	144A
133026	503	136868	558	138752	531	141391	221	143622-002	128	144852	1412	146613	147A
133171	319P	136896	128	138763	123AP	141402	161	143639	159	144853	1419	146629	3022
133177	194	136721	615A	138789-1	123A	141421	159	143690	5134A	144854	1622	146630	116
133178	194	136766	395	138789-2	123A	141429	142A	143696	851	144855	9402	146631	502A
133182	159	137002-001(Atari)	74586	138789-3	123A	141430	5655	143753	5119A	144856	373#	146641	9966
133195	116	137003-001(Atari)	74503	138789-4	199	141464	533	143760	147A	144857	187A	146642	9962
133218	123AP	137028	177	138789-5	199	141489	125	143761	5116A	144858	234	146643	9930
133249	123AP	137028-001	177	138907	532	141551	5002A	143762	5142A	144859(DSG)	312	146644	9945
133253	159	137031	532	138945	612	141558	123AP	143765	850	144860	125	146645	9945
133265	191	137057-001	519	138946	222	141580	144A	143766	202A	144861	5013A	146647	159
133266	552	137065	189	138974	5069A	141581	5127A	143777	5080A	144862	116	146648	290A
133275	123AP	137066	188	139001	531	141582	5135A	143790	5425	144863	290A	146670	199
133390	116	137075	558	139017	191	141584	5136A	143791	159	144864	1402	146671	374
133490	159	137077(SAVILLE)	581A	139029	519	141613	145A	143792	123AP	144865	958	146672	289A
133543	5085A	137077(Organ)	581A	139044	373	141666	123AP	143793	123AP	144866	5007A	146673	199
133550	181	137093	102A	139064	185	141667	159	143794	123AP	144867	615A	146674	378
133573	152	137108-001	857M	139065	177	141668	5400	143795	123AP	144868	519	146675	5021A
133576	128	137127	229	139235(ELECTRO)	265	141711	159	143796	194	144869	9403	146676	123AP
133600	730	137151-002	1232	139266	188	141736-6	123A	143797	123AP	144870	4011B	146677	229
133615	506	137155	159	139267	189	141738p63-1	159	143798	123AP	144871	4016B	146678	159
133616	506	137159	289A	139268	194	141746	143A	143802	159	144872	4050B	146679	159
133664	130	137159-1	289A	139269	194	141747	140A	143803	159	144873	4069	146680	287
133685	130	137159-2	289A	139270	175	141767	123AP	143804	123AP	144874	290A	146681	123AP
133690	123AP	137160(GTR)	6402	139295	165	141783	123AP	143805	47	144875	177	146682	152
133743	128	137161	OBS-NLA	139328	177	141831	159	143806	159	144876	140A	146683	152
133823	175	137161(GTR)	OBS-NLA	139362	123AP	141833	147A	143807	159	144877	147A	146684	1545
133923	181	137161(WURLITZER)	OBS-NLA	139366	199	141834	5079A	143808	984	144878	615A	146685	844
133925	181	137241	128	139455	159	141846	123AP	143821	117A	144879	5016A	146686	1428
133950	116	137245	780	139605	116	141849	116	143822	986	144880	121	146687	1400
134009	505	137338	229	139605(AFC)	178MP	141872-6	116	143837	177	144881	189	146688	1422
134074	112	137339	123AP	139618	172A	141873	142A	143847	5081A	144882	123AP	146689	712
134142	108	137340	159	139634	109	141967	5087A	143913	533	144883	537	146690	374
134143	108	137341	502	139696	128	141978	56008	143963	159	144884	778A	146691	19
134144	108	137352	163A	139706	177	142010-02	713	143964	49	144885	123AP	146692	19
134155	128	137369	184	139955(WURLITZER)	74121	142081-3	116	144011	1123	144886	123AP	146693	234
134180	109	137383	229	140129	188	142082(GTR)	6402	144012	1263	144887	123AP	146694	290A
134195-001	9930	137388	229	140130	189	142082(WURLITZER)	6402	144013	1264	144888	159	146695	16
134196-001	9932	137527	152	140259	191	142083-1	289A	144014	1265	144889	5401	146696	18
134197-001	9945	137606	552	140290	159	142083-2	289A	144015	1266	144890	159	146697	312
134198-001	9946	137607	165	140369(WURLITZER)	7413	142083-3	289A	144016	1267	144891	4013B	146698	125(2)
134254-001	9950	137613	11A	140371	159	142114	137A	144017	1268	144892	238	146699	125(2)
134263	108	137614	123AP	140372	159	142115	184	144018	1269	144893	612	146700	5011A
134264	112	137646	532	140390	902	142116	185	144019	1223	144894	519	146701	615A
134277	116	137647	136A	140501	128	142128-1	159	144020	1270	144895	165	146702	519
134279	185	137648	128	140503	119	142128-2	159	144021	9400	144896	614	146703	290A
134280	184	137652	116	140505(ELECTRO)	997	142134	142A	144022	9200	144897	222	146704	552
134281	180	137655	5081A	140506	373	142136	519	144023	9401	144898	108	146705	616
134282	181	137693	532	140566(ELECTRO)	5645	142136(WURLITZER)	519	144024	1408	144899	533	146706	129
134335	5022A	137704(ELECTRO)	457	140612	181	142136-003	177	144025	712	144900	537	146707	123A
134340	7639	137718	185	140622	123A	142136-0	177	144026	1168	144901	159	146708	123A
134342	5648	137766	395	140623	189	142136-5	177	144027	261	144902	159	146709	123A
134415	616	137780	616	140624	194	142137	615A	144028	152	144903	308P	146710	199
134417	107	137830	159	140625	197	142160	289A	144029	234	144904	308	146711	199
134419	108	137855	504	140626	196	142171(WURLITZER)	4001B	144030	290A	144905	308	146712	161
134442	172A	137875	123AP	140693	116(2)	142172(WURLITZER)	4011B	144031	374#	144906	5074A	146713	199
134444	145A	137876(I.C.)	941M	140694	116(2)	142190	159	144032	199	144907	4011B	146714	515
134445	616	137876	5642	140713	505	142251	188	144033	85	144908	123AP	146715	125
134450	222	137993	177	140715	505	142251(WURL)	772A	144034	107	144909	16	146716	4012B
134509	757	138001	199	140763	230	142251(GTR)	772A	144035	107	144910	116	146717	977
134771	196	138019	532	140764	231	142251(WURLITZER)	772A	144036	186A	144911	294	146718	4027B
134772	171	138019-001	199	140770	614	142251(RCA)	189	144037	85	144912	172A	146719	824
134773	165	138032(RCA)	310	140771	108	142272	5067A	144038	199	144913	19	146720	950
134774	152	138033(RCA)	308	140772	112	142294	OBS-NLA	144039	293	144914	1175	146721	950
134777	505	138035-001	128	140773	123A	142294(GTR)	OBS-NLA	144040	289A	144915	153	146722	519
134857	22A	138057	503	140858-12	503	142344(WURLITZER)	OBS-NLA	144041	289A	144916	552	146723	177
134889	123AP	138049-004	234	140859	454	142344	5405	144042	373A	144917	552	146724	125
134993	136A	138107	149A	140971	558	142344	9855	144043	328	144918	147A	146725	519
135029	5642	138121	189	140972	558	142348	194	144044	289A	144919	152	146726	5016A
135244	503	138172	552	140973	145A	142349	923D	144045	229	144920	123AP	146727	5020A
135251	116	138173	552	140974	165	142349(GTR)	923	144046	123A	144921	190	146728	5014A
135284	116	138174	146A	140975	165	142349(WURLITZER)	125(2)	144047	125(2)	144922	123A	146729	1591
135286	159	138175	552	140976	196	142350	583A	144048	125(2)	144923	123A	146730	1660
135297	108	138191	123AP	140977	196	142350(WURLITZER)	583A	144049	116	144924	842	146731	4011B
135320	1738P	138192	152	140978	503	142417	5133A	144050	109	144925	841	146732	16
135324	222	138193	159	141008	123AP	142421	123AP	144051	109	144926	9855	146733	85
135341	119	138194	162	141019	194	142422	159	144052	601	144927	986	146734	290A
135347	106	138195	162	141020	196	142569	580	144053	5013A	144928	123A	146735	196
135351	218	138196	177	141134	984	142621(WURLITZER)	992	144054	605A	144929	990	146736	289A
135352	162	138197	OBS-NLA	141135	117A	142622(Organ)	994M	144055	302A	144930	116	146737	108
135380	515	138210	7400	141136	513A	142623	966	144056	966	144931	234	146738	234
135389	289A	138311(WURLITZER)	980	141137	147A	142624	152	144057	152	144932	5132A	146739	9944
135406	5097A	138312	7401	141138	4016B								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
147477-8-3	125	148919	375	150110(WURLITZER)	4025B	152329	5020A	155280	5009A	162002-033	121	169117	177
147477-8-7	125	148954	2207	150117	123A	152348	868	155287	139A	162002-045	109	169175	158
147477-8-8	125	148956	962	150164	1219	152356	834	155288	2203	162002-046	126A	169194	107
147477-8-10	125	148957	5071A	150177	519	152367	294	155444	91	162002-041	126A	169195	85
147478	4066B	148958	5029A	150178	177	152368	290A	155508	1711	162002-042	126A	169196	85
147478-8-2	117A	148959	290A	150322	18	152370	56	155510	5005A	162002-062	121	169197	123A
147513	123A	148961	454	150325	154A	152371(BCE)	85	155512	501A	162002-062A	121	169199	136A
147529	519	148964	238	150330	28A	152375	241	155523	5025A	162002-071	181	169216	124
147546	5022A	148966	222	150331	960	152375	5024A	155526	4071B	162002-081	128	169359	102A
147549-1	159	148991	91125	150332	85	152407	5024A	155556	1705	162002-082	128	169360	102A
147549-2	159	148995	159	150342	1427	152472	5074A	155558	5020A	162002-085	199	169361	102A
147555-1	123A	148996	123AP	150344	159	152473(BCE)	85	155565	5010A	162002-090	108	169362	109
147579	125	148997	123AP	150361	960	152500	222	155566	605A	162002-095	121	169363	116
147614	5074A	148998	89	150363	142A	152627	5018A	155568(BCE)	85	162002-39	109	169501	109
147617-11	506	148999	152	150364	375	152741	5010A	155632	40097B	162002-40	126A	169505	108
147617-12	506	149007	6410	150365	615A	152742	5020A	155711	2079	162002-41	126A	169558	177
147624-1	197	149017	960	150366	159	152743	5013A	155712	955M	162002-71	130	169565	116
147655	159	149018	967	150368	1652	152750	5011A	155732	125	162002-101	130	169574	85
147663	159	149019	946	150369	1566	152793	5025A	155810	5013A	162201	358	169590	116
147664	123AP	149038	968	150371	912	152841	112	155822	5022A	163060	2359	169598	116
147665	159	149040	159	150392-5(Organ)	960	152869	5037A	155829	112	163434	987	169678	199
147676-1	233	149041	159	150392-12(Organ)	960	152875	5037A	155836	5011A	164014	160	169679	85
147693	125	149042	139A	150393	968	152920	9403	155837	5020A	164353	2359	169680	85
147704	108	149183(WURLITZER)	4073B	150393(WURLITZER)	968	152921	928M	155838	5004A	164590	580	169711	85
147704-6-4	142A	149173(WURLITZER)	4082B	150394(WURLITZER)	967	152923	4011B	155841	55	164717	519	169765	116
147887	4013B	149180(WURLITZER)	4030B	150401	1636	152929	4528B	155893	5013A	164874	177	169771	85
147892	391	149181(WURLITZER)	4069	150401(WURLITZER)	4008B	152935	4089	156026	455	164981	9935	169773	102A
147922-2	112	149182(WURLITZER)	4029B	150402(WURLITZER)	4063B	152938	552	156028	519	164982	9936	169792	199
147923	19	149183(WURLITZER)	4008B	150417(WURLITZER)	4002B	152970	290A	156213	5025A	165190D0921	116	170128	290A
147924	15	149184(WURLITZER)	4098B	150418	834	152972	15	156234	116	165358	142A	170133	116
147925	262	149185(WURLITZER)	4052B	150418(Organ)	4015B	152972(BCE)	85	156242	5022A	165392	107	170294	85
147926	125(4)	149186(WURLITZER)	74C174	150419	455B	152978	5014A	156297	146A	165397	109	170297	116
147927	519	149251	230	150420(Organ)	74LS32	152980	5029A	156313	5141A	165667	126A	170303	109
147943	618	149252	712	150420(Organ)	74LS73	152982	5013A	156317	552	165668	123A	170307-1	121
147944	373	149253	868	150421(Organ)	74LS85	153107	152	156369	5020A	165735	128	170308	85
147975	187	149254	844	150422(Organ)	74LS00	153126	1448	156477	712	165736	123A	170370	177
147993	125	149255	920	150423(Organ)	74LS10	153233	159	156549	234	165737	159	170373	109
148085	553	149433	65A	150424(Organ)	74LS11	153259	69	156584	85	165738	175	170376	121
148112	5425	149434	605A	150425(Organ)	74LS08	153260	107	156696	960	165739	156	170376-1	121
148124	113A	149471	159	150430	1558	153270	941	156709	966	165740	144A	170388	107
148146	85	149488(BCE)	289A	150440	74LS138	153312	184	156710	290A	165827	123A	170407-1	121
148229	5002A	149489(BCE)	85	150513	85	153325	159	156725	1628	165828	123A	170479-1	121
148235	776A	149501	552	150514	85	153334	289A	156730	1658	165931	85	170535	175
148236	4049	149540	5022A	150515	458	153350	153	156736	85	165932	107	170566-1	102
148246	125	149544(CEB)	229	150516	85	153399	123AP	156896	289A	165976	102A	170666-1	121MP
148253(WURLITZER)	4081B	149546	5351	150517	290A	153443	290A	165897	234	165995	108	170668-1	121MP
148256	85	149584	123	150517(BCE)	290A	153456	834	165910	116	166272	108	170733-1	178MP
148272	553	149585	1703	150518	290A	153489	108	165912	1686	166273	109	170750	116
148273(WURLITZER)	4013B	149586	1718	150519	289A	153493	519	165915	1679	166400	158	170753-1	161
148507	5020A	149587	4001B	150521	290A	153503	290A	165917	234	166593	125	170756-1	161
148526	389	149588	4013B	150521(BCE)	290A	153525	289A	165918	1706	166726	116	170783-1	103A + 158(CP)
148529	5014A	149589	4049	150522	290A	153530	601	165919	290A	166811	116	170783-3	103A
148531	5018A	149590	4081B	150523	290A	153534(BCE)	85	165931	108	166822	102A	170794	107
148590	5086A	149591	7416	150524	290A	153535(BCE)	85	165934	290A	166883	102A	170850-1	121MP
148711	85	149592	1609	150526	85	153545	581	165937	5022A	166906	85	170856	116(2)
148712	125(2)	149598	962	150527	5018A	153567	290A	165944	290A	166907	1002	170857	177
148714	125(2)	149608(BCE)	85	150528	116	153573	139A	165947	519	166908	126A	170890-1	131 + 155(CP)
148715	1270	149609	241	150529	519	153604	289A	165969	605A	166909	126A	170891-1	181
148717	1625	149610	293	150530	519	153659	4514B	165974	129	166917	123AP	170908	161
148718	1709	149611	391	150531	5004A	153672	552	165978	123A	166918	373	170909-1	161
148719	1621	149612	55	150534	5011A	153673	5031A	166919	455	166919	374	170954	1042
148720	1422	149613	293	150535	5013A	153676	188	166920	610	166920	116	170956	722
148721	170A	149614	261	150536	85	153677	255	166921	177	166921	139A	170964	103(2)
148723	1701	149615	519	150580	941M	153678	89	166922	116	166922	116	170965	116(2)
148725	1702	149616	5025A	150580-2285	941M	153679	152	166923	1545	166923	143A	170967	199
148727	1314	149617	125(4)	150588(Organ)	2102	153680	171	166927	85	166927	158	170967(Transistor)	199
148728	178A	149676	112	150622	912	153682	5402	166934	912	167034	116	170967(Rectifier)	116
148729	1613	149684(BCE)	289A	150671	125	153684	1175	166935	915	167263	107	170967-1	123A
148730	4011B	149730	109	150705	5116A	153685	844	166937	309K	167265	13	170968	123A
148731	4012B	149731	116	150714-1	199	153712	17145	166944	923	167413	116	170970-1	116
148732	4025B	149751	5143A	150730	128	153826	5021A	167654	4013B	167540	199	170994-1	185 + 184(CP)
148733	4049	149776(WURLITZER)	74LS151	150741	123A	153875	868	167681	912	167541	199	171003	127
148734	4066B	149779(WURLITZER)	74LS04	150742	159	153882	290A	167682	923D	167542	295	171003(Sears)	109
148735	4078B	149793(WURLITZER)	74LS05	150749	1442	154002	145A	167683	923D	167543	116	171003(Toshiba)	123A
148737	4528B	149794(WURLITZER)	7416	150753	159	154027	4016B	167684	2357	167544	116	171003-5	133 + 152(CP)
148740	834	149795(WURLITZER)	4071B	150758	159	154132	1713	167755	2358	167562	109	171004	127
148741	1409	149796(WURLITZER)	4050B	150762	159	154515	868	167756	9093	167569	128	171004(Sears)	127
148742	7416	149797	5116A	150763	199	154572	1713	167757	110MP	167572	109	171005	108
148744	1440	149864	289A	150764	294	154574	1713	167758	147	167573	102A	171005(Toshiba)	108
148745	960	149870	850	150768	123A	154576	1689	167759	156	167574	102A	171009	107
148746	391	149930	142A	150769	391	154577	1710	159429	5019T1	167688	128	171009(Sears)	108
148747	55	149954	4001B	150771	159	154578	112	159430	542A	167690	159	171009(Toshiba)	123A
148748	91	150000	292	150772	157#	1545							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
171044(Toshiba)	123A	171305	116(2)	181504-1	108	198034-3	130	199596	177	216001	109	223366	102A
171045	108	171318	313	181504-2	123A	198034-4	130	199807	194	216003	110MP	223367	101
171046	123A	171319	313	181504-7	108	198034-5	130	199819	167	216014	116	223368	101
171047(Toshiba)	162	171320	313	181506-7	108	198035-1	128	199885	116(3)	216017	186A	223369	160
171048	108	171368-1	284MP	181515-4	128	198035-3	128	200028-7-28	102A	216020	116	223370	101
171049	102A	171416	116	181515-6	128	198036-1	159	200062-5-31	102A	216024	5072A	223371	102A
171052	108	171418-1	186A	181515-7	128	198038-1	175	200062-6-32	102A	216025-2	123A	223372	100
171053-1	180	171437-0001	375 + 398(CP)	181515-9	128	198038-3	175	200062-5-33	102A	216445	116	223373	116
171054	108	171445-0001	284	181619	519	198038-4	175	200062-5-34	102A	216817	116	223467	116
171058	102A	171445-0002	284	181681	177	198039-0507	130	200062-5-36	116	216986	121	223473	100
171090-1	108	171474-1	192	182503	74H20	198039-1	175	200062-6-32	116	217119	105	223474	160
171092-1	145A	171522	102A	182510	7438	198039-3	175	200064-5-103	108	217230	105	223475	160
171139-1	108	171553	85	183013	718	198039-6	130	200064-6-104	160	217892	121	223482	103A
171140-1	108	171554	85	183014	722	198039-7	130	200064-6-105	108	218012DS	104	223483	102A
171141-1	108	171555	234	183015	107	198039-501	175	200064-6-106	160	218017	109	223484	102A
171149-016	177	171556	159	183016	107	198039-503	175	200064-6-107	123A	218502	102A	223485	102A
171149-024	116	171557	85	183017	123A	198039-506	130	200064-6-108	102A	218503	102A	223486	102A
171162-004	199	171558	85	183018	107	198039-507	130	200064-6-109	127	218511	128	223487	12A
171162-005	123A	171559	85	183019	107	198042-2	123A	200064-6-110	127	218537	129	223489	17A
171162-006	123A	171560	140A	183030	123A	198042-3	123A	200064-6-111	102A	218612	116	223490	121
171162-008	123A	171561	605A	183031	123A	198045-4	128	200064-6-115	116	219016	116	223576	121
171162-009	123A	171567	116	183032	159	198047-1	128	200064-6-119	116	219245	101	223577	101
171162-025	176	171568	199	183033	177	198047-2	128	200064-6-120	116	219301	121	223720	117A
171162-026	192	171569	85	183034	192	198047-3	128	200067	159	219361	121	223724	116
171162-027	108	171578	199	183035	193	198047-5	128	200076	123A	219440	121	223753	116
171162-042	109	171814	611	183044	804	198047-6	128	200200	199	219935	116	223801	116
171162-072	158	171817	175	183045	804	198048-1	128	200200-700	199	219940	121	223802	116
171162-073	158	171840	177	183532	941	198048-2	128	200220	159	220020	152	223804	116
171162-074	102A	171841	177	184798	519	198049-1	175	200251-5377	123A	221128	116	223805	116
171162-075	102A	171842	136A	185022	177	198050	159	200252	128	221158	128	223806	116
171162-076	102A	171843	177	185236	123AP	198051-1	123A	200259-700	218	221600	123A	223810	102A
171162-080	102A	171915	123A	185335	519	198051-2	123A	200433	159	221601	121	223811	159
171162-081	158	171916	102A	185411	177	198051-3	123A	200648-26	109	221602	121	223817	159
171162-082	121	171917	102A	185704	116	198051-4	123A	200781-702	124	221605	121	223827	116
171162-083	131	171922	1072	186342A	128	198063-1	153	201034	124	221856	126A	223832	156
171162-086	121	171983	107	187217	159	198064-1	181	201109	519	221857	123A	223841	116
171162-089	131	171984	614	187218	123A	198065-1	129	202053	172A	221897	123A	223842	116
171162-090	131MP	172165	177	187673	123AP	198065-3	129	202054	289A	221918	123A	223845	125
171162-095	199	172201	177	187674	159	198067-1	123A	202055	242	221924	101	223848	116
171162-100	199	172252	1003	187692	5009A	198072-1	128	202056	182	221940	121	223849	125
171162-108	176	172253	177	188056	519	198074-1	129	202057	183	221941	121	223850	125
171162-113	199	172272	1006	188165	130	198075-1	129	202101	289A	222003	1090	223853	116
171162-118	161	172317	289A	188180	159	198077-1	128	202164	116	222016	1330	223854	125(2)
171162-119	123A	172318	1030S	188226	129	198078-1	129	202315	109	222020	1331	223855	125(2)
171162-120	102A	172336	159	188304	6402	198079-1	181	202315(Thomas)	177	222042	5013A	223856	125(2)
171162-121	102A	172463	152	188400-34	5547	198079-2	130	202463	116	222131	123A	223858	156
171162-124	154	172476	158	188660-01	941	198400	909	202609-0713	123A	222402	1100	223863	5802
171162-125	154	172547	177	190404	140A	198409-1	9949	202617	199	222407	1104	223907	5081A
171162-126	154	172551	116	190425	121	198409-5	9944	202718	289A	222418	1237	223909	5035A
171162-128	108	172579	166	190425A	121	198409-6	9932	202719	172A	222419	801	223910	5021A
171162-129	108	172580	140A	190426	123A	198409-11	9946	202720	289A	222421	788	223915	5024A
171162-130	108	172598	184	190427	160	198409-12	9962	202817	199	222422	1464	223916	5031A
171162-131	108	172643	152	190428	123A	198409-13	9930	202862-518	519	222423	1464	223918	142A
171162-132	123A	172721	116	190429	159	198409-14	9936	202862-947	123A	222424	941S	223921	5080A
171162-143	123A	172722	614	190714	161	198410-1	909	202907-047P1	123A	222428	7420	223924	5022A
171162-161	123A	172761	123AP	190715	123A	198581-1	123A	202909-577	159	222442	7427	223927	5028A
171162-162	123A	172762	193	190716	109	198581-2	123A	202909-587	159	222449	1217	223928	5013A
171162-163	128	172763	192	191407	5547	198581-3	123A	202909-827	130	222452	1474	223943	5009A
171162-164	216	172816	158	191670	5547	198763-1	5870	202911-737	159	222453	1484	223945	5010A
171162-169	160	174283	5093A	193022	9158	198763-2	5871	202913-057	128	222455	788	223948	5011A
171162-172	138A	174285	5093A	193207	941	198763-3	5874	202914-010	9930	222458	1482	223963	5021A
171162-180	199	174489	177	193717	177	198763-4	5875	202914-010/250-060	9945	222460	2000	223967	5024A
171162-184	186A	175006-181	160	193719	177	198763-5	5874	202914-010/250-070	9935	222462	1248	223974	5079A
171162-186	229	175006-182	160	194086-3	176	198763-6	5875	202914-010/250-100	9936	222465	778A	223977	5031A
171162-187	229	175006-183	160	194243	128	198763-7	5874	202914-020	9946	222468	1100	224000	5077A
171162-188	123A	175006-184	160	194474-8	121	198763-8	5875	202914-030	9962	222475	4049	224011	5009A
171162-190	123A	175006-185	160	194714	116	198763-9	5878	202914-040	9932	222477	1208	224012	5010A
171162-191	123A	175006-186	102A	194717	116	198763-10	5879	202914-050	9944	222478	7400	224017	199
171162-193	129	175006-187	108	194718	506	198763-11	5878	202914-417	123A	222479	7427	224022	5037A
171162-195	211	175007-275	123A	195601-6	102A	198763-12	5879	202915-627	123A	222480	7432	224046	138A
171162-196	177	175007-276	123A	195617	109	198763-13	5882	202917-137	129	222481	7410	224052	5019A
171162-197	177	175007-277	128	195648-6	116	198763-14	5883	202920-150	7491	222483	7447	224053	5019A
171162-202	85	175027-021	123A	196023-1	123A	198763-15	5882	202922-237	123A	222484	7457A	224060	5024A
171162-203	199	175027-022	104	196023-2	123A	198763-16	5883	202922-280	716	222487	74192	224069	5030A
171162-204	199	175043-023	121	196058-4	121	198764-5	5886	202925-047	219	222488	7420	224072	5077A
171162-229	109	175043-058	123A	196064-3	102A	198764-6	5887	203364	159	222489	7430	224079	5030A
171162-247	199	175043-059	123A	196117	123A	198764-13	5894	203718	129	222490	7486	224159	116
171162-252	129	175043-060	123A	196149-3	121	198765-1	5890	203718(WURLITZER)	193A	222491	74293	224503	121
171162-255	116	175043-062	108	196183-5	121	198765-2	5891	203719	192A	222492	74193	224506	123A
171162-265	152	175043-063	108										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
226441	101	232674	121	240006	102A	256717	612	275131	123A	310132	180	340194DC	40194B
226517	312	232675	121	240055	156	256728	5994	275612	121	310157	126A	340194PC	40194B
226546	116	232676	160	240076	156	256729	5992	275613	126A	310158	126A	340195PC	40195B
226634	121	232678	123A	240077	5994	256730	135A	275614	126	310159	102A	340866-2	128
226788	116	232680	160	240388	124	256817	126	276097	117	310160	102A	341181(AOC)	123AP
226789	105	232681	126A	240401	123A	256817(Transistor)	123A	276160	128	310162	160	341516BDC	4516B
226791	103A	232840	108	240402	129	256817(Zener)	135A	276331	123A	310163	102A	3416BPC	4516B
226922	125	232841	128	240403	127	256917	123A	276331	128	310201	126A	341529	563
226924	102A	232949	101	240404	127	257017	199	276415	128	310221	126A	346015-15	108
226999	121	233011	116	240456	116	257107	199	279317	103A	310223	100	346015-16	108
227000	108	233062	506	240564	177	257242	105	279417	229	310224	126A	346015-17	108
227015	117A	233117	229	240594	116	257243	105	279517	152	310225	102A	346015-18	108
227348	116	233119	519	240603	116	257317	105A	279517	295	310254	740B	346015-19	108
227517	123AP	233148	5022A	241052	129	257340	121	279717	235	31309-1	123A	346015-20	108
227565	116	233150	145A	241249	108	257341	121	279817	253	315930	128	346015-21	108
227566	121	233305	105	241295	125	257385	101	279917	123A	315932	128	346015-22	108
227675	5882	233307	105	241302	125	257403	121	280017	519	315933	552	346015-23	128
227676	5994	233507	100	241420	5994	257403	100	280117	601	316429	981	346015-24	123A
227720	116	233508	105	241517	159	257473	102A	280217	116	316430	123AP	346015-25	108
227724	5882	233509	121	241657	130	257534	105	280317	139A	316431	287	346015-30	128
227752	100	233561	116	241778	108	257536	121	280417	612	316438	987	346015-37	108
227801	5882	233597	116	241884	159	257540	121	281001	53	316439	123AP	346016-1	102A
227804	121	233735	128	241980	108	258017	222	281001-83	199	316520	130	346016-11	102A
227917	102A	233817	129	242028	116	258082	116	281101-97	177	317092	350F	346016-14	123A
228007	140A	233849	125	242102	152	258884	5994	281917	138A	317093	320F	346016-16	128
228017	102A	233943	5009A	242141	125	258990	121	282217	390	317208	142A	346016-17	128
228229	121	233944	5009A	242183	101	258993	101	282317	123A	318218	5075A	346016-18	123A
228230	121	233945	100A	242221	101A	258993	116	282601	116(3)	318335	130	346016-19	123A
228287	102A	233969	129	242222	116	259368	116	290458LGD	123A	319304	129	346016-25	123A
228417	229	234015	160	242323	282S	259878	116	291509	181	320007	109	346016-26	123A
228558	121	234024	128	242422	129	260429	116	293118	74165	320280	159	346016-27	128
228559	121	234076	102A	242460	129	260468	129	293740C11	129	320529	123A	346016-63	191
228560	125	234077	121	242522	108	260717	152	297240	102A	321006P1	703	346607-4	160
229017	123A	234078	105	242590	108	260717	152	299371-1	123A	321145	128	348048-2	116
229042	5882	234178	121	242758	123A	261317	295	299379	724	321165	159	348053-3	116
229045	105	234552	116	242759	123A	261401	105	300098	102	321166	128	348054-1	116
229088	5994	234553	125	242760	159	261417	295A	300098-04	716	321264-2	195A	348054-2	116
229117	229	234555	116	242838	121	261483	116	300113	123A	321517	123A	348054-5	116
229133	160	234566	121	242839	129	261488	105	300233	116	321573	123A	348054-6	117A
229392	108	234611	116	242960	108	261517	199	300312	5994	322968-17	102A	348054-7	125
229522	116	234612	123A	243028	724	261586	160	300315	116	322968-140	121	348054-9	116
229805	156	234630	102A	243115	156	261596	160	300488	101	322968-141	127	348054-10	116
229936	552	234631	160	243168	116	261617	199	300524	116	322968-167	102A	348054-11	117A
230084	175	234758	123A	243215	349	261717	116	300532	5882	323934	199	348054-14	117A
230099	109	234761	116	243284	108	261898	116	300536	101	324144	159	348054-15	125
230188-2	HiDiv-4	234763	123A	243318	108	261970	121	300538	102A	325077	129	348055-2	116
230188-3	HiDiv-4	235157	5882	243364	108	262066	116	300540	102A	325079	123A	348055-3	116
230199	HiDiv-4	235192	123A	243389	123A	262066	123A	300541	102A	325099	124	348057-8	125
230199-1	HiDiv-1	235194	102A	243398	123AP	262111	140A	300542	102A	325101	128	348057-9	125
230199-2	HiDiv-1	235200	160	243645	108	262112	116	300550	116	325502-01	2128	348057-17	136A
230199-3	HiDiv-4	235205	123A	243815	105	262113	102A	300732	140A	325502-03	2128	348058-2	125
230199-4	HiDiv-4	235206	123A	243837	103A	262114	175	300733	5994	325505-01	5005A	348846-1	128
230199-5	HiDiv-4	235209	5994	243843	5642	262116	105	300735	5882	325505-02	5006A	350109	311
230208	121	235312	121	243922	287	262309	105	300774	101	325506-01	5010T1	351061	1072
230208-1	HiDiv-4	235313	116	243939	102A	262310	5994	301586	116	325609-10A	519	352580	379
230208-2	HiDiv-4	235382	125	244007	100	262370	121	301591	123A	326809	909	359810	788
230209	101	235541	156	244057	5021A	262417	128	301606	128	326823	923	361317-1	110MP
230214	128	235543	116	244335	124	262417-1	128	301915-1	941	326830	9930	361837-1	649
230218	116	235546	116	244817	123A	262546	140A	302342	123A	326832	9932	370018-02-8	1171
230225-1	2V130	235997	162	245078-3	108	262638	129	302540	137A	326833	9933	373003	102A
230225-2	2V150	236039	161	245117	5072A	262648	5882	302865	129	326836	9936	373059	316
230225-3	2V095	236251	108	245217	177	262872	116	304281-P1	177	326844	9944	373117	102A
230233	128	236255	101	245217	140A	263424	140A	304581B	123A	326845	9945	373119	102A
230253	102A	236266	139A	245517	109	263561	124	304900	108	326846	9946	373401-1	740A
230256	101	236282	154	245568-2	176	263807	5882	307566	547	326852	9099	373404-1	7404
230259	102A	236285	123A	245817	306	263856	121	308449	123A	326853	9093	373405-1	7410
230523	121	236286	123A	245917	5075A	263857	124	309004	OBS-NLA	326862	9962	373406-1	7420
230524	102A	236287	128	246360	5801	264317	129	309375	5200A	326875	123	373407-1	7430
230525	102A	236288	127	246572	116	264517	253	309376	5226A	326881	474	373408-1	7440
230756	5994	236433	129	246573	146A	264617	289A	309379	5224AK	326882	9945	373409-1	7474
230768	5529	236706	108	246617	158	264717	295	309395	145A	330003	116	373410-1	7486
230773	5882	236709	102A	246917	229	264817	235	309397	113A	330018	116	373411-1	7470
231014	297	236854	181	246976	5020A	264917	108	309398	113A	330019	116	373412-1	7485
231017	297	236907	108	247774	339	265017	108	309399	113A	330020	123A	373413-1	7485
231140-01	108	236935	121	247974	451	265074	108	309412	121	330137	9932	373414-1	7476
231140-04	127	237016	140A	248017	297	265115	5994	309418	128	331383	128	373423-1	7409
231140-07	108	237017	109	248177	295	265117	116	309419	129	332762	219	373424-1	7472
231140-09	127	237018	109	248817	177	265164	116	309421	102A	333060-1029	159	373427-1	7490
231140-11	121	237020	108	248917	116	265217	600	309441	152	333241	123A	373428-1	7486
231140-15	123A	237021	108	249017	152	265235	116	309442	123A	334724-1	123A	373429-1	7406
231140-21	102A	237022	116	249117	123A	265236	117A	309444	6402	335288-4	123A	373708-1	74179
231140-23	102A	237023	140A	249217	116	265240	123A	309449	130	335613	129	373712-1	7492
231140-26	127	237024	108	249317	138A	265241	108	309459	152	335774	123A	373713-1	7476
231140-28	154	237025	123A	2495									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
405919-35AD	5882	481335	128	497616-2	519	510104S	234	530072-4	116	530116-1001	177	530157-689	5014A
405919-45AD	5883	485752-090	112	500001G	110MP	510108S	290A	530072-5	116	530116-1003	116	530157-750	5046A
405965	128	489023A26	5020A	500001G	109	510109S	116	530072-6	116	530118-2	142A	530157-759	5015A
405965-8A	128	489043A06	290A	500003G	125	510190	4016B	530072-7	108	530119-1	503	530157-820	5047A
405965-30A	179	489751-025	123A	500008G	109	510584	199	530072-8	108	530119-5	503	530157-829	5016A
405965-35A	129	489751-026	123A	500052	123AP	511017S	289A	530072-9	116	530119-7	505	530157-870	5094A
410221(RCA)	308	489751-027	108	500061	123AP	511018S	85	530072-11	116	530119-8	504	530157-879	5017A
417214	162	489751-028	159	500062	85	511019S	382	530072-14	116	530119-9	505	530157-910	5049A
419441	5016A	489751-029	123A	500073	108	511020S	116	530072-15	116	530120-1	166	530157-919	5018A
420377	5804	489751-030	123A	500859	116	511021S	382	530072-18	177	530122-1	116(3)	530157-950	5096A
421025	351	489751-031	159	500879	128	511022S	382	530072-1001	110MP	530122-2	506	530157-1100	5019A
422353	261	489751-032	153	501002	109	511101S	290A	530072-1002	177	530123-3	506	530157-1120	5021A
424226	123AP	489751-033	152	501005	109	511103S	382	530072-1006	519	530123-4	506	530157-1220	5030A
424229	159	489751-037	128	501006	109	511104S	374	530072-1008	177	530123-5	506	530162-1	116
424863	177	489751-038	128	501010	116	511108S	381	530072-1009	177	530123-7	506	530163-120	142A
425272	5014A	489751-039	161	501019S	519	511109S	381	530072-1010	177	530124-1	116	530165-1	522
425334	5018A	489751-040	123A	501021S	108	511110S	292	530072-1011	177	530124-2	505	530165-2	522
425335	5017A	489751-041	123A	501023S	177	511534S	110MP	530072-1014	156	530124-3	116(4)	530165-3	522
425411-01	128	489751-042	159	501024S	519	511806	128	530072-1015	177	530124-4	116	530165-4	522
425793	135A	489751-043	124	501101	177	512058S	5021A	530072-1017	116	530127-1	109	530165-5	534
428175	612	489751-044	152	501105	109	512101S	289A	530072-1018	519	530127-4	116	530165-6	529
428451	172A	489751-045	102A	501144	77	512107S	382	530072-1019	116	530127-5	113A	530165-7	539
428452	955M	489751-047	161	501144-1	77	512112S	389	530072-1020	513A	530127-6	116	530165-8	534
430265	189	489751-052	107	501152	116	512113S	85	530073-2	5080A	530127-7	358	530165-9	539
430313	197	489751-057	159	501201	116	512114S	85	530073-3	140A	530130-1	199	530165-10	534
430412	352	489751-107	123A	501202	116	512115S	90	530073-4	137A	530132	118	530165-11	529
430413	197	489751-108	102A	501343	177	513036S	129	530073-5	137A	530132-1	118	530165-12	539
431705	5010A	489751-109	102A	501503	5069A	513056S	152	530073-6	142A	530132-2	125	530165-13	529
432956	152	489751-113	102A	501505	5015A	513101S	85	530073-7	125	530132-3	519	530165-14	535
433239	152	489751-114	102A	502025S	5024A	513103S	92	530073-9	145A	530135-3	116	530165-15	534
433836	123A	489751-115	127	502044S	5024A	513104S	373	530073-12	145A	530135-1003	116	530165-16	534
433875	137A	489751-119	130	502045S	5010A	513106S	152	530073-13	142A	530136-1	506	530165-17	529
434245	352	489751-121	161	502047S	5012A	513108S	380	530073-14	5079A	530136-2	506	530165-18	535
436119-002	159	489751-122	123A	502048S	5013A	513109S	380	530073-15	5075A	530144-1	177	530165-19	557
436277	116	489751-124	159	502049S	5022A	513111S	291	530073-16	5105A	530144-1001	519	530165-20	557
436986	5812	489751-125	123A	502050S	5024A	513112S	373	530073-17	145A	530144-1002	177	530165-23	526A
437001	287	489751-127	161	502052S	5016A	513115S	85	530073-18	146A	530144-1003	177	530165-1004	137A
437470	519	489751-128	161	502057S	5031A	514023	123A	530073-21	5079A	530145-1004	149	530165-1005	5097A
437476	152	489751-129	128	502058S	5021A	514045	107	530073-22	5077A	530145-1005	140A	530165-1006	5136A
437491	955M	489751-130	159	502059S	5030A	514067S	129	530073-23	144A	530145-1006	142A	530165-1007	5097A
438626	367	489751-131	108	502063S	5022A	514068S	193	530073-24	5081A	530145-1007	5022A	530165-1013	5097A
440170	981	489751-137	108	502067S	5036A	514072S	129	530073-26	5075A	530145-1008	134A	530170-1	583
442077	5024A	489751-143	108	502069S	5029A	514074S	290A	530073-28	5079A	530145-1009	136A	530171-1	116
442079	5022A	489751-144	128	502070S	5080A	514086S	43	530073-30	5077A	530145-1010	5071A	530171-1001	116
442085	5010A	489751-145	108	502254	2060	514088S	234	530073-31	136A	530145-1011	5088A	530171-1002	116
443000	5010A	489751-146	159	502349	130	515015S	85	530073-32	5127A	530145-1012	136A	530171-1003	116
443009	332	489751-147	108	503146-1	178MP	515039S	128	530073-34	142A	530145-1013	178MP	530171-1004	5011A
443010	108	489751-148	108	504153	8063	515041S	107	530073-1013	42A	530145-1014	178MP	530171-1005	5011A
443011	287	489751-162	108	504162	8070	515043S	123A	530073-1016	5105A	530145-1015	506	530171-1006	5011A
443014	454	489751-163	131	504170	8076	515045S	123A	530073-1017	145A	530145-1016	506	530171-1007	177
443070	294	489751-165	108	504183	8081	515058S	1526	530073-1020	151A	530148-1003	506	530179-2	177
443324	614	489751-166	123A	504199	8090	515070S	107	530073-1021	5135A	530148-1004	506	530179-3	177
443325	125	489751-167	108	504207	8096	515077S	85	530073-1023	144A	530148-1005	506	530179-1001	177
443332	4068B	489751-168	108	504214	8098	515082S	85	530073-1028	5079A	530148-1006	506	530179-1002	177
443333	396	489751-169	108	504220	8103	516009S	312	530073-1029	5137A	530148-1007	552	530179-1003	177
443334	345	489751-171	108	504235	8115	516018S	451	530073-1030	5133A	530151-2	552	530180-1001	116
443335	348	489751-172	123A	504246	8118	516024S	451	530073-1031	37A	530151-3	552	530180-1002	519
444575	5067A	489751-173	107	504264	8125	516026S	312	530073-1034	5071A	530151-4	552	530180-1003	519
445023-P1	130	489751-174	175	504291	8139	517999	909	530073-1044	136A	530151-1001	552	530181-1001	519
445108	5072A	489751-175	1046	504313	8149	518022S	720	530073-1045	5120A	530151-1002	552	530181-1002	519
445109	4001B	489751-206	108	504339	8167	518038S	788	530082-1	116	530151-1003	552	530181-1003	519
445110	4011B	489751-208	312	504345	8167	518039S	1237	530082-2	125	530151-1004	552	530181-1004	506
445111	910	489752-001	109	504367	8181	518044S	1214	530082-3	177	530152-1	166	530181-1005	506
445270	5018A	489752-003	109	504419	8213	518045S	1464	530082-4	156	530152-2	522	530181-1006	506
445272	612	489752-005	116	504442	8226	518047S	1100	530082-1002	125	530157-100	5019A	530181-1007	506
445273	185	489752-013	116	504468	8242	518048S	1060	530082-1003	116	530157-101	5050A	530181-1008	5316
445274	5014A	489752-015	116	504720	177	518051S	1474	530082-1004	116	530157-110	5020A	530181-1009	549
445276	552	489752-016	506	504720-1	519	518052S	1486	530084-4	116	530157-111	5051A	530181-1010	549
445278	6006	489752-017	114	504833	5834	518053S	1040	530085-2	109	530157-120	5021A	530181-1011	549
445282	123AP	489752-020	112	505016S	605A	518054S	1482	530086-1	116	530157-121	5052A	530181-1012	549
445284	69	489752-022	116	505198	130	518055S	1489	530086-2	120	530157-130	5022A	530181-1013	506
445285	69	489752-025	116	505254	9941	518056S	778A	530086-3	125	530157-131	5053A	530181-1014	506
445286	396	489752-026	506	505256	175	518061S	950	530086-4	125	530157-140	5023A	530181-1015	506
445293	4016B	489752-027	116	505257	175	518062S	977	530086-5	156	530157-141	5054A	530181-1016	506
445294	923D	489752-028	108	505267	128	518064S	7404	530086-6	116	530157-150	5024A	530181-1017	506
446083	77	489752-029	156	505342	909	518065S	1510	530086-1002	166	530157-151	5055A	530181-1018	506
446084	89	489752-031	109	505									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
530192-1200	5079A	530290-2	558	570030	185	602032	121	610050	160	610106	121	610153-5	152
530195	616	530291-1	500A	570031	184	602040	158	610050-1	160	610106-1	121	610153-6	152
530195-1	616	530291-2	522	572001	185	602051	158	610050-2	160	610107-1	121	610155-1	196
530195-2	616	530291-3	522	572683	123A	602075	160	610050-3	160	610107-2	128	610157-3	188
530195-3	616	530291-4	522	573001	102A	602081	139A	610051	160	610110	129	610157-4	189
530195-4	616	530291-5	522	573003	102A	602113	108	610051-1	160	610110-1	159	610158-0003	159
530195-5	616	530291-6	522	573005	102A	602113(Sharp)	123A	610051-2	160	610110-2	159	610158-1	129
530198	5342	530291-7	522	573011	102A	602122	123	610051-4	160	610111	219MCP	610158-2	159
530198-0001	5342	530300-1	3041	573012	102A	602098-2A	126A	610052	126A	610111-1	219	610158-3	159
530198-1	5342	530302-2	5011T1	573018	102A	602099-3A	129	610052-1	102A	610111-2	130	610158-4	159
530204-01	5304	530302-3	5021T1	573022	102A	602099-7A	128	610053	160	610111-3	219	610161-2	130
530205	555	530302-6	5019T1	573024	109	603020	180	610053-1	160	610111-3B	219	610161-3	130
530205-1	555	530305-1	580	573029	102A	603030	160	610053-2	160	610111-4	130	610161-5	331
530205-2	555	530305-2	580	573036	102A	603031	121	610055	160	610111-5	219	610161-5C	331
530205-3	553	530305-3	580	573037	103A	603040	160	610055-1	160	610111-6	152	610161-6	87
530205-4	553	530306-1	5802	573101	108	603112	160	610055-2	160	610111-7	219	610162-0007	153
530205-5	555	530306-2	5804	573103	102A	603113	108	610055-3	160	610111-8	152	610162-0008	152
530218-1	552	530306-3	5806	573110	102A	603114	108	610055-4	126A	610112	116	610162-1	188
530220-1	519	530306-4	5808	573114	102A	603122	123A	610056-1	160	610112-1	153	610162-2(MAG)	188
530221-1	558	530306-5	5809	573117	102A	603312	160	610056-2	160	610113-1	172A	610162-2(Mag)	49
530222-1	5842	530310-1	580	573119	102A	604030	160	610056-3	160	610113-2	172A	610162-3	50
530224-3	5862	530310-2	580	573125	102A	604040	160	610056-4	160	610120-1	6402	610162-4	152
530225-120	5021A	530310-3	580	573142	102A	604080	160	610057-1	160	610121-1	6402	610162-5	153
530225-180	5077A	530313-3	553	573152	102A	604112	126A	610059-1	100	610121-2	6402	610162-6	152
530225-240	5081A	530872-1	523/3306	573153	102A	604113	108	610059-2	100	610121-3	6402	610162-7	398
530239-11	125	530872-2	523/3306	573166	121	604122	123A	610061-1	160	610122	283	610162-8	375
530246	167	530872-3	526A	573184	102A	604407	177	610063-1	163A	610123-1	283	610162N2	184
530246-1	167	530872-4	523/3306	573199	127	605030	102A	610067	121	610123-2	283	610164-0001	312
530249-519	5010T1	530872-5	523/3306	573200	102A	605112	128	610067-1	121	610123-3	283	610164-1	312
530249-629	5013T1	530872-6	523/3306	573212	127	605113	128	610067-2	121	610122-4	283	610165-1	123A
530251-1	519	530872-7	526A	573303	126A	605122	131	610067-2	121	610122-5	283	610165-2	123A
530251-2	519	530872-8	526A	573328	102A	605131	131	610067-3	121MP	610122-6	283	610166-1	222
530252-1	177	530872-9	523/3306	573329	126A	605132	158	610067-D	121	610123-1	164	610167-1	123A
530252-2	177	530872-14	506	573330	160	606112	102A	610068	121	610124-1	123AP	610167-2	123A
530253-1	5099A	531298-001	106	573335	160	606113	116	610068-1	121MP	610125-1	159	610168-1	123A
530253-4	140A	531841-002	199	573336	160	607101	113A	610069	108	610126-1	102A	610168-2	123A
530253-5	5079A	531972	128	573356	100	607113	108	610071-1	108	610126-2	103A	610174-1	108
530253-6	142A	532003	175	573366	126A	607122	124	610070	123A	610128-1	199	610179	130/219
530253-7	5097A	532593	290A	573371	160	608030	116	610070-1	123A	610128-2	199	610179-1	285
530253-8	5082A	532775	199	573398	160	608101	116	610070-2	123A	610128-4	108	610179-2	284
530253-10	5096A	533038	116	573402	126A	608112	127	610070-3	123A	610128-5	199	610179-3	37
530253-12	5094A	533802	123A	573405	160	608112(Sharp)	129	610070-4	123A	610128-6	199	610180-1(Last IF)	233
530253-13	135A	534001H	177	573406	102A	607123	124	610071-1	124	610129-1	129	610181-1	319P
530253-14	142A	535151-1001	116	573422	102A	608122	128	610071-2	124	610131	210	610181-2	161
530254-1	5047A	537200	102A	573428	126A	609020	160	610071-2	124	610131-1	210	610186-1	161
530254-2	5050A	537790	102	573432	102A	609030	116	610072	108	610131-2	210	610189-1	238
530254-3	5029A	538719	5015A	573467	123A	609112	123A	610072-1	108	610132	123A	610189-2	238
530254-4	5031A	540204	161	573468	123A	609113	116	610072-2	108	610132-1	123A	610190-1	171
530254-5	5048A	540205	5010A	573469	123A	610002-011	74LS11	610073	108	610134-1	234	610190-2	171
530254-6	5019A	540405	5010A	573471	126A	610002-014	74LS14	610073-1	161	610134-2	234	610190-3	171
530254-7	5019A	543995	159	573472	108	610002-026	74LS26	610074	126A	610134-4	234	610190-4	171
530254-10	5055A	546000	7400	573474	108	610002-038	74LS38	610074-1	159	610134-5	234	610194-1	165
530254-11	5021A	546002	7402	573475	123A	610002-074	74LS74	610074-2	100	610134-6	234	610194-3	165
530254-12	5011A	546004	7404	573480	123A	610002-086	74LS86	610075-1	154	610135-1	154	610195-1	196
530254-13	5052A	546006	7406	573481	123A	610002-123	74LS123	610076	123A	610136-1	106	610195-2	197
530254-14	5006A	546008	7408	573494	108	610010-413	2013	610076-1	123A	610139-0001	229	610195-3	152
530254-15	5032A	546014	7414	573495	108	610010-470	3470	610076-2	123A	610139-0002	108	610195-4	153
530254-16	5033A	546026	7428	573501	123A	610020	116	610077	123A	610139-0003	108	610202-1	189
530254-17	5037A	546030	7430	573515	124	610020-917	995	610077-1	123A	610139-0005	108	610202-2	189
530254-18	5024A	546074	7474	573518	126A	610030	110MP	610077-2	123A	610139-1	229	610203-0002	222
530254-19	5008A	546076	7476	573529	102A	610030-1	100	610077-3	123A	610139-2	108	610203-0007	222
530254-20	5052A	546125	74125	573532	102A	610030-2	100	610077-4	123A	610139-5	108	610203-0008	222
530254-21	5022A	546132	74126	574003	102A	610030-3	100	610077-5	123A	610140-1	130	610203-1	222
530254-24	5020A	546133	74132	575001	109	610030-4	100	610077-6	123A	610142-1	289A	610203-2	222
530254-26	5015A	546154	74154	575002	109	610030-5	100	610078	123A	610142-2	123A	610203-3	222
530254-27	5107T2	546155	74155	575005	109	610030-6	100	610078-1	123A	610142-3	123A	610203-4	222
530254-29	5028A	547684	106	575009	109	610030-7	100	610078-2	123A	610142-4	123A	610203-5	222
530254-31	5028A	551006	7618	575019	109	610030-8	100	610079	102A	610142-5	123A	610203-6	222
530254-32	5005A	551015	102A	575028	116	610030-9	100	610079-1	102A	610142-6	108	610203-7	159
530254-33	5035A	551026	116	575037	112	610031-1	289A	610079-2	199	610142-7	123A	610209-1	159
530254-35	5046A	551051	102A	575042	116	610031-2	289A	610080	102A	610143-3	123A	610213-0001	128
530254-36	5027A	552005	106	575047	506	610031-3	289A	610080-1	102A	610144-1	171	610213-1	128
530254-37	5036A	552006	116	575049	506	610031-4	289A	610082-2	159	610144-2	171	610213-2	128
530254-38	5016A	552007	506	575050	116	610032-1	121	610083	159	610144-3	154	610216-1	156
530254-39	5013T1	552010	116	575051	116	610033-1	121	610083-0001	159	610144-6	154	610216-2	165
530254-40	5010A	552308	123A	575091	109	610035	102A	610083-0002	159	610144-101	403/171	610216-3	165
530254-45	5015A	552503	125	575095	120	610035-1	100	610083-0004	159	610145-1	233	610217-1	392
530255-1	116	558876	7402	576001	102A	610035-2	102A	610083-1	159	610146-1	194	610217-2	130
530256-1	125	558876	7402	576004-018	351	610036	102A	610083-2	159	610146-3	194	610217-3	392
530256-2	125	558877	7410	576004-053	352	610							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
610245-2	284	610449-1	159	610557-1	253	612076-6	742	612361	973D	612671-4	968	654001	6401
610246(BEC)	395	610450-1	123AP	610558-1	216	612076-7	742	612361-1	973D	613020	116	654003	121
610246-001(BEC)	395	610450-2	199	610559-1	2315	612077-1	788	612362-1	1231A	613112	108	654007	100
610246-1(BEC)	395	610451-1	159	610561-1	2302	612077-2	788	612362-2	1231A	613130	116	654008	289A
610246-2(BEC)	395	610451-2	159	610666-1	2302	612077-3	788	612363	852	613132	119	654009	289A
610249-1	229	610451-3	159	611001-3	5650	612077-4	788	612363-1	852	614010	116	654010	121
610250-1	171	610451-4	455	611001-4	5651	612082-1	815	612363-2	852	614020	110MP	654011	289A
610250-2	171	610452-1	455	611001-5	5642	612082-2	815	612363-3	852	614112	112	654012	289A
610250-3	171	610455	153	611001-6	5642	612084-1	828	612363-4	852	615004-8	177	654013	159
610277	7445	610455-1	153	611003-3	5404	612100-1	7447	612363-5	852	615010	109	654014	121
610277-1	7445	610456-2	123AP	611003-4	5404	612103-0003	960	612367	965	615093-2	123A	654030	177
610278	7445	610457-1	152	611003-5	5404	612103-1	966	612367-1	965	615130	358	654031	114
610278-1	7445	610457-2	196	611004-3	5437	612103-2	966	612370	1580	615154-1	519	654032	114
610279	74151	610457-3	196	611004-4	5437	612103-3	960	612370-1	1580	615179-1	123A	654033	177
610279-1	74151	610458-3	123AP	611013-1	5351	612103-4	972	612370-2	1580	615179-2	123A	654034	177
610280	7413	610460-1	159	611013-2	5351	612103-5	966	612371	823	615180-1	159	654036	116
610280-1	7413	610462	196	611013-3	5351	612107-1	972	612371-1	823	615180-2	159	654037	5966
610286	7406	610462-1	196	611014-1	5400	612107-2	972	612371-2	74LS27	615180-3	159	654038	177
610286-1	7406	610462-2	196	611014-2	5401	612107-3	972	612371-3	74LS27	615180-4	159	654039	5802
610288	955M	610462-3	196	611014-3	5400	612107-4	960	612379-1	4031B	615246-1	941M	654041	100
610288-1	955M	610462-5	196	611014-4	5400	612111-1	4001B	612380	4066B	615268-101	941M	654042	5015A
610293	162	610463-1	238	611014-5	5400	612112	7116	612380-1	4066B	616010	113A	654420	5802
610293-1	162	610463-2	238	611014-6	5404	612113-1	7116	612380-2	4066B	617871-1	121	655319	121
610293-2	162	610464-1	159	611014-7	5404	612120-1	835S	612382-1	7116	618126-1	123A	656064	6410
610294	123AP	610465-1	123AP	611014-8	5400	612127-1	941M	612383-1	75188	618126-2	123A	656204	123A
610294-1	123AP	610468-1	228A	611015	5404	612128-1	871	612384-1	74LS174	618136-1	128	656520	326
610294-2	123AP	610471-1	171	611015-1	5404	612130	116	612385-1	74LS42	618139-1	121	656524	289A
610294-3	123AP	610473-1	238	611016-1	5351	612158-1	4052B	612386-1	40161B	618150-3	177	656719	289A
610351-1	454	610474-1	123AP	611016-2	5424	612159-1	7406	612396-1	40161B	618151	199	656746	289A
610356-0001	232	610475-1	159	611018-1	5466	612163-1	987	612397-1	40161B	618197	128	657161	OBS-NLA
610356-5	199	610476-1	397	611018-2	5466	612163-2	987	612399-1	977	618197-1	128	657179	185
610358-1	222	610477-1	366	611019	56010	612183-1	7426	612415-1	1652	618217-2	123A	657180	184
610358-2	222	610479-1	287	611019-1	56008	612184-1	2800	612416-3	2202	618241-2	910	657180-1	184
610358-3	222	610480-1	194	611019-2	56008	612185-1	2800	612418-1	2204	618241-3	941	657180-2	291
610360	288	610482-1	159	611019-3	56010	612185-2	2800	612419-1	2204	618580	312	657181	185
610360-0001	288	610486-1	123AP	611020	1020A	612185-3	7405	612420-1	2205	618639-1	519	657181-1	185
610360-1	288	610487-1	159	611064	7405	612185-4	4056B	612420-2	74C374	618810-2	123A	657874	7615
610360-2	288	610488-1(CEB)	359	611065	7475	612188-1	7445	612420-3	74C374	618810-3	130	658577	123AP
610361-1	50	610489	193	611066	7486	612189	857M	612429-1	74LS10	618960-1	198	658578	123AP
610361-2	50	610489-1	193	611071	7442	612189-1	857M	612429-2	74LS10	618984-1	941	658583	909D
610368-1	293	610498(CBE)	159	611111	116	612189-2	857M	612430	74LS151	618986-2	218	658620	159
610369(CBE)	159	610498-1(CBE)	159	611132	113A	612192-1	6910	612430-1	74LS151	618986-3	218	658657	289A
610369-2(CBE)	159	610498-2(CBE)	159	611233	234	612194-1	74LS32	612433	2114	619006-1	123A	659133	123AP
610369-3(CBE)	159	610499(CBE)	123AP	611428	123A	612197-1	74LS365A	612433-1	2114	619006-2	123A	659134	159
610369-4(CBE)	159	610499-1(CBE)	123AP	611563	7400	612197-2	74LS365A	612437	2128	619006-7	123A	659140	184
610370-2	123AP	610499-2(CBE)	123AP	611564	7402	612197-3	74LS365A	612437-1	2128	619009-1	175	659141	183
610372-1	159	610499-3(CBE)	123AP	611565	7404	612199-1	74LS90	612437-2	2128	619010-1	198	659143	185
610384-2	159	610499-4(CBE)	123AP	611566	7410	612200-1	74LS74A	612438-1	1416	619011	519	659174	7405
610386-1	123AP	610500-1(CBE)	123AP	611567	7420	612220	1218	612443-1	2201	619050-1	910D	659175	7405
610390	395	610500-2(CBE)	123AP	611568	7440	612221	1219	612444-1	1754	619070-21	3120	660030	102A
610390-1	395	610500-3(CBE)	123AP	611569	7450	612230-1	74LS156	612444-2	1754	619087-1	519	660031	121MP
610392	238	610500-4(CBE)	199	611570	7453	612245	74LS123	612445-1	1632	619087-2	519	660032	102A
610392-1	238	610504-1	455	611571	7474	612245-1	74LS123	612448	960	619094	5626	660033	102A
610392-2	238	610505-1(CBE)	159	611572	7490	612245-2	74LS123	612448-1	960	619130	116	660034	102A
610392-3	238	610505-2(CBE)	159	611573	7492	612261-1	74C175	612449	1752	619256-1	5697	660035	128
610392-4	238	610509-1	165	611730	74193	612272-1	1174	612449-1	1752	619256-2	5695	660072	102A
610393	331	610511-1	47	611731	74192	612273-1	984	612455-1	74LS14	619256-3	1175	660073	128
610395-1	54	610512-1	331	611844	7486	612275-1	829	612455-2	74LS14	619526-1	829	660082	102A
610395-2	54	610512-2	331	611845	7405	612282	1566	612460-1	2023	619550-1	829	660083	102A
610395-3	54	610517	2310#	611870	7476	612282-1	1566	612464	923D	619692-1	723	660084	160
610395-4	55	610517-1	2310#	611872	74107	612283	1292	612464-1	923D	619693-1	787	660085	160
610397-1	153	610517-2	2310#	611878	74H55	612283-1	1292	612466	943M	619694-1	724	660086	331
610397-2	152	610518	46	611900	74107	612285	928M	612466-1	943M	619828-1	747	660092	121
610399-1	454	610518-1	46	611901	74180	612285-1	928M	612474	4052B	619844-1	746	660095	121
610400-1	229	610525-1	263	612002-2	717	612285-2	928M	612474-1	4052B	620782	176	660097	121
610404-1	262	610526-1	294	612005-1	712	612285-3	928M	612475	4001B	621431	74LS157	660100	128
610412-1	389	610527-1	383	612005-2	712	612289	4070B	612475-1	4001B	621431-1	74LS157	660103	121
610413-1	184	610527-2	383	612006-1	722	612289-1	4070B	612479-1	960	621432	74LS374	660138	218
610414-1	185	610527-3	383	612006-1M	722	612291-1	74LS93	612479-3	964	621432-1	74LS374	660142	289A
610418	455	610528-1	374	612006-12	722	612294	851	612479-4	966	623321	987	660144	105
610418-1	455	610528-2	374	612006-2	722	612294-1	851	612479-5	968	630002-001	123AP	660144A	105
610419	69	610528-3	374	612007-1	708	612299	1439	612479-6	958	630003-110	261	660145	159
610419-1	69	610529-1(CEB)	229	612007-2	708	612299-1	1439	612479-7	972	630006-001	326	660327	941M
610419-2	69	610529-2(CEB)	229	612007-3	708	612303-1	1416	612480	859	630007-001	159	660327-1	941M
610419-3	69	610530-1(CEB)	288	612008-1	725	612304	1445	612480-1	859	630008-907	159	660327-2	941M
610420	69	610531-1	198	612008-2	725	612304-1	1445	612489	1744	630063	5802	660327-3	941D
610420-1	69	610532	2315	612020	179	612305	1231A	612489-1	1744	633977	113A	660328	289A
610420-2	69	610532-1	2315	612020-1	703	612305-1	1231A	612492	2013	649002	130	660388-02	941M
610421	332MCP	610532-2	2315	612020-2	703	612305-2	1231A	612492-1	2013	650060	519	660388-1	941D

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
700080	130	740955	614	742269	1234	760253	107	801527	192A	801892	74LS175	815021A	100
700080A	130	741008	290A	742270	801	760268	312	801528	199	801894	74LS259	815021B	100
700083	130	741050	102A	742274	107	760269	159	801529	289A	801897	74LS259	815022A	102A
700083A	130	741051	519	742275	107	760275	186	801530	289A	801898	74LS259	815022B	102A
700181	123A	741052	612	742348	85	760276	187	801531	6401	802032-2	102A	815022B	102A
700191	175	741098	1006	742349	85	760284	311	801532	289A	802032-4	102A	815023	102A
700195	175	741100	177	742362	1226	760298	135A	801533	172A	802033-3	102A	815023A	102A
700230-00	123A	741101	116	742363	1087	760304	142A	801534	289A	802037-001	102A	815023B	102A
700231-00	123A	741114	85	742364	1155	760309	5116A	801535	6402	802039-0	102A	815024	102A
700533-001	564	741115	186A	742365	613	760333	4066B	801536	289A	802056-0	102A	815024A	102A
700533-001Y3	564	741116	136A	742366	5073A	760522-0002	722	801537	130	802189-7	102A	815024B	102A
700647	116	741168	4011B	742510	1192	761113	116	801538	179	802268-0	102A	815025	100
700663	116	741169	125	742512	85	762200-14	9093	801539	121	802269-1	102A	815025B	100
700664	116	741170	605A	742513	199	765713	125	801540	159	802283-1	102A	815026	101
700848-2B	1171	741171	177	742537	85	765722	109	801541	171	802389-2	102A	815026A	101
701584-00	159	741172	85	742544	107	770339(Crystal)	358	801541(GULBRANSEN)	290A	802415-2	102A	815026B	101
701589-00	159	741173	107	742545	295	770339(C.)	780	801542	56006	802425-0	102A	815026B	101
701662-00	177	741174	290A	742546	290A	770523	102A	801543	289A	802439-0	102A	815026C	101
701678-00	161	741175	290A	742547	107	770524	102A	801544	184	802560	102	815026D	101
701819-9AC	5702	741176	312	742548	85	770525	158	801545	5414	803182-5	123A	815027	100
702407-00	128	741205	161	742549	85	770730	102A	801546	289A	803369-6	123A	815027A	100
702415-00	210	741207	612	742550	199	770788-3170756	124	801547	459	803372-0	102A	815027B	100
702884	123A	741208	601	742558	85	771907	116	801549	123AP	803696	199	815027C	100
702885	121	741209	107	742564	290A	771908	109	801551	6402	803733-0	123A	815028A	100
702885-00	121	741210	312	742567	293	771910	109	801553	193A	803733-3	123A	815028B	100
702886	152	741211	159	742621	289A	771911	109	801554	199	803735-3	123A	815029	102A
703639-1	742	741327	229	742623	186A	772112	109	801555	159	804001	2042B	815029A	102A
703639-2	742	741328	229	742624	384	772113	116	801706	109	804002	74150	815029B	102A
705784-1	175	741329	312	742703	85	772114	166	801707	116	804005	741S00	815029C	102A
710206	910	741330	293	742705	85	772116	160	801707(GULBRANSEN)	5963	804006	741S03	815030	102A
710206-43	923	741332	116	742712	159	772117	160	801710	5962	804007	741S03	815030A	102A
710398-28	909	741333	116	742723	1248	772118	160	801711	116	804009	741S03	815030B	102A
710838-1	177	741334	135A	742725	7474	772119	160	801712	177	804011	741S138	815031A	102A
711701	152	741336	140A	742726	992	772120	102A	801713	5963	804013	741S170	815031B	102A
711726-505	74H04	741338	601	742727	85	772121	102A	801714	116	804016	2114	815033	102
711736-1	74S00	741340	1100	742728	85	772122	102A	801715	125	804017	4050B	815034A	102A
711736-15	74S20	741341	1160	742729	293	772123	102A	801716	116	804021	741S139	815034B	102A
711739-3	923	741342	703	742730	109	772124	102A	801717	116	804023	741S244	815034C	102A
711739-4	941	741343	7490	742732	61	772125	102A	801718	116	804024	741S240	815036	100
711739-22	9109	741347	451	742733	229	772126	158	801719	116	804028	7403	815036A	100
711739-49	941	741348	7493A	742734	229	772127	158	801720	116	804030	4066B	815036B	100
711739-73	91125	741420	159	742735	229	772128	102A	801721	116	804036	956	815036C	100
720236	123A	741425	290A	742736	102A	772129	102A	801722	116	804058	4021B	815037	100
720240	123A	741426	289A	742737	102A	772130	102A	801723	125	810000-000	123A	815037A	100
720453	5800	741427	289A	742738	102A	772131	102A	801724	519	810000-373	123A	815037B	100
720454	5801	741429	135A	742739	102A	772132	102A	801725	289A	810001-000	130	815037C	100
720455	5802	741473	1170	742740	102A	772133	102A	801726	139A	810002-269	9930	815038	102A
720456	5804	741518	1082	742741	102A	772134	102A	801727	177	810002-475	5529	815038A	102A
720457	5806	741519	801	742742	102A	772135	102A	801728	289A	810002-733	129	815038B	102A
720458	5804	741533	7442	742743	102A	772136	102A	801729	289A	810002-736	128	815038C	102A
720463	5806	741538	85	742744	102A	772137	102A	801730	5802	810003-000	189	815041	100
720608-13	519	741539	85	742745	102A	772138	102A	801731	519	810007-000	5010A	815041A	100
720609-1	519	741545	5809	742746	102A	772139	102A	801732	519	810011	373	815041B	100
721272	159	741673	1160	742747	102A	772140	102A	801733	3007	810012-000	286	815041C	100
723000-18	101	741686	1167	742748	102A	772141	102A	801734	3007	810016-000	3042	815043	100
723001-19	101	741687	1155	742749	102A	772142	102A	801735	3009	810017-000	5442	815043A	100
723020-41	128	741688	306	742750	102A	772143	102A	801736	3010	810020-000	129	815043B	100
723043-1	129	741689	614	742751	102A	772144	102A	801737	5011A	810022-000	5541	815043C	100
723060-29	175	741724	85	742752	102A	772145	102A	801738	9924B	810024-000	116	815055	100
723423-7	175	741726	85	742753	102A	772146	102A	801739	9915	810024-000	5986	815056	100
723423-9	175	741727	123A	742754	102A	772147	102A	801740	9915	810029-000	5116A	815057	100
723423-16	175	741728	289A	742755	102A	772148	102A	801741	9915	810032-000	309K	815058	102A
723423-20	175	741729	290A	742756	102A	772149	102A	801742	9915	810034-000	912	815058A	102A
725000-611	815	741730	85	742757	102A	772150	102A	801743	9915	810037-000	184	815058B	102A
726654	519	741731	229	742758	102A	772151	102A	801744	9915	810038-000	123A	815058C	102A
730547	704	741732	235	742759	102A	772152	102A	801745	9915	810039-000	960	815058X	102A
731009	102A	741733	107	742760	102A	772153	102A	801746	9915	810043-000	242	815064	126A
740183	116	741735	85	742761	102A	772154	102A	801747	9915	810049	5012A	815064A	126A
740247	131MP	741736	85	742762	102A	772155	102A	801748	9915	810051-000	145A	815064B	126A
740289	116	741737	85	742763	102A	772156	102A	801749	9915	810052-000	5003A	815064C	126A
740306	85	741738	135A	742764	102A	772157	102A	801750	9915	810055-000	5015A	815065	100
740402	109	741739	5018A	742765	102A	772158	102A	801751	9915	810056-000	127	815065A	100
740417	102A	741739(TRAN.)	116	742766	102A	772159	102A	801752	9915	810059-000	283	815065B	100
740437	123A	741741	177	742767	102A	772160	102A	801753	9915	810066-000	130	815065C	100
740438	289A	741741	177	742768	102A	772161	102A	801754	9915	810067-000	181	815066	100
740439	289A	741805	85	742769	102A	772162	102A	801755	9915	810068-000	130	815066A	100
740440	289A	741806	85	742770	102A	772163	102A	801756	9915	810069-000	130	815066B	100
740441	289A	741807	1082	742771	102A	772164	102A	801757	9915	810070-000	289A	815067A	160
740442	289A	741808	1056	742772	102A	772165	102A	801758	9915	810071-000	123AP	815067B	160
740443	131MP	741854	1058	742773	102A	772166	102A	801759	9915	810072-000	5096A	815067C	160
740461	85	741855	85	742774	102A	772167	102A	801760	9915	810080-000	5084A	815068	126A
740462	85	741856	289A	742775	102A	772168	102A	801761	9915	810085-000	5011A	815068A	126A
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To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
815120	102A	817036	358	900201-105	128	916064	1045	928515-101	9945	972214	123A	981249	119
815120A	102A	817042	116	900201-167	128	916067	1103	928517-101	9933	972215	123A	981371	120
815120B	102A	817043	116	900545-1	519	916068	107	928533-101	9962	972216	116	981445	116
815120C	102A	817044	116	900546-2	519	916069	108	928560-101	9944	972217	5079A	981522	109
815120D	102A	817053	116	900546-20	177	916070	1142	928560-101	9944	972258-008	109	981672	102A
815120E	102A	817062	358	900552-6	123A	916071	1003	928571-1	9944	972258-6	109	981673	102A
815122	114	817062(Crystal)	114	900552-17	123A	916072	1006	928608-101	703	972258-8	109	981674	102A
815133	123A	817064	116	900552-30	123A	916081	1010	930236	123A	972258-9	109	981675	102A
815134	123A	817066	116	900552-30	123A	916082	1010	930237	519	972258-9	109	981676	102A
815136	102A	817067	116	900750-01	116	916083	1081A*	930347-1	7420	972305	161	981739	116
815137	121MP	817068	116	900750-01	116	916084	1052	930347-2	7430	972306	107	981952	116
815138	116	817068P	116	900756-01	116	916085	1082	930347-3	7400	972307	107	981953	116
815139	102A	817074	113A	900850-01	519	916091	123A	930347-4	7472	972417	107	981954	116
815142	116	817077	109	900850-05	177	916092	1092	930347-5	7440	972418	107	981955	116
815158	102A	817079	116	900850-16	519	916098	1081A*	930347-6	7454	972419	107	981956	116
815160	102A	817088	116	900927-01	5014A	916100	312	930347-7	7473	972420	107	981959	160
815160A	102A	817104	116	900927-02	5014A	916101	1127	930347-9	7491	972571-2	119	981969	105
815160B	102A	817109	116	900927-02	5014A	916105	1106	930347-10	7420	972571-3	119	981969A	105
815160C	102A	817111	116	900941-01	5015A	916106	1170	930347-11	7402	972571-4	119	982065	109
815160D	102A	817112	116	900948-06	5005A	916107	290A	930347-12	7451	972571-5	119	982150	126A
815160E	102A	817114	116	900948-11	5010A	916109	1153	930347-13	7404	973936-1	116	982151	102A
815160F	102A	817117	116	901112	98	916110	1155	930347-15	7405	973936-2	116	982152	102A
815160H	102A	817120	507	901150	98	916111	746	930347-16	923D	973936-3	116	982214	116
815160-I	102A	817121	116	901435-01	6502	916112	1154	932017-0001	519	973936-4	116	982231	123A
815160-J	102A	817122	116	901453-01	2114	916113	801	932022-0001	519	973936-5	116	982244	102A
815160-K	102A	817123	118	901502-01	4066B	916114	184	932030-1	909	973936-6	116	982253	116
815160-L	102A	817124	119	901505-01	2159	916117	198	932033-1	519	973936-7	116	982254	139A
815160-O	102A	817125	109	901510-01	9602	916118	235	932050-1	519	973936-8	116	982267	126A
815160-P	102A	817126	113A	901521-01	74LS00	916119	295	932050-1	519	973936-9	116	982268	108
815160-Q	102A	817127	113A	901521-02	74LS04	916121	123A	932055-1	128	973936-10	116	982269	108
815164	108	817128	116	901521-03	74LS08	916122	1170	932081-1	175	973936-12	116	982270	110MP
815165	108	817129	358	901521-06	74LS74A	916123	788	932082-1C	159	973936-13	116	982271	110MP
815166	124	817130	116	901521-17	74LS452	916125	289A	933044-2D	9930	973936-14	116	982275	109
815166-4	124	817133	116	901521-18	74LS139	916126	289A	934362-3(Rad Shk)	171	973936-15	116	982279	722
815167-3	124	817134	116	901521-20	74LS125A	916127	123A	936001	358	973936-16	116	982283	102A
815170	108	817135	116	901521-21	74LS02	916134	74107	941154-2	123A	973936-17	116	982284	102A
815171	123A	817138	116	901521-22	74LS27	916144	229	941155-2	123A	973936-18	116	982285	102A
815171D	123A	817140	116	901521-26	74LS193	916150	977	942677-9	123A	973936-20	125	982289	126A
815172	108	817141	116	901521-29	74LS273	916155	1226	943502	519	973936-21	116	982290	109
815172A	108	817143	116	901521-30	74LS14	916158	199	943502	519	973936-22	105	982300	128
815173	199	817147	358	901521-32	74LS86	916160	123A	943720-001	123A	980052A	105	982321	108
815173A	108	817148	116	901521-34	74LS175	916161	152	945820-4	5695	980132	121	982322	160
815173B	108	817149	120	901521-54	74LS197	916162	123A	951702	1229	980133	121	982361	113A
815173F	108	817155	142A	901521-57	74LS257	916171	1285	954330-2	123A	980135	121	982374	160
815174	123A	817156	116	901521-58	74LS258	916172	1286	954330-2	123A	980136	100	982375	102A
815174L	123A	817157	116	901521-68	74LS629	916179	4016B	959492-2	123A	980138	108	982376	124
815175	124	817158	109	901522-01	7417	916180	4518B	960206-3	159	980139	108	982377	116
815175H	124	817159	109	901522-03	74177	916184	199	960207	107	980140	160	982497	160
815177	102A	817160	110MP	901522-06	7406	916195	1226	960202	107	980142	108	982510	123A
815178	102A	817161	116	901522-30	7407	916196	312	960494-1	128	980143	116	982511	123A
815179	102A	817164	116	901523-01	955M	916204	1285	960494-2	128	980144	102A	982512	123A
815180-3	124	817166	116	901523-03	978	916205	1286	961544-1	123A	980146	160	982523	175
815180-4	124	817167	116	901523-04	922	921150-021	519	964158	123A	980147	123A	982526	116
815180-7	124	817172	177	901523-08	927D	921150-021	519	964547-2	199	980148	102A	982528	124
815181	102A	817173	135A	901527-01	966	922021	109	964634	108	980149	102A	982531	102A
815181A	102A	817175	358	901527-02	960	922082	116	964688	103A + 158(CP)	980150	127	982532	102A
815181B	102A	817177	110MP	901528-03	309K	922084	116	964713	108	980153	102A	982535	108
815181C	102A	817179	156	901528-04	1914	922114	128	964999	116	980155	126A	982536	108
815181D	102A	817179A	156	902521	160	922125	128	965000	123A	980164	116	982537	108
815182	123A	817180	116	902652-01	123AP	922183	116	965073	112	980316	100	982538	108
815183	123A	817190	177	902653-01	291	922214	611	965074	108	980372	126A	982539	108
815184	123A	817193	125	902658-01	123AP	922311	116	965632	161	980373	126A	982540	102
815184E	123A	817194	109	902671	85	922358	139A	965633	108	980374	108	982541	108
815185	129	817195	116	902679	85	922433	177	965634	108	980375	102A	982542	116
815185E	129	817197	139A	902682	289A	922524	139A	969099-1	519	980376	102A	983011	138A
815186	123A	817199	109	902686-01	123AP	922567	116	970046	108	980426	100	983012	176
815186C	123A	817208	142A	902693-01	85	922573	137A	970046-1	108	980432	108	983036	121
815186L	123A	817209	156	902694-01	152	922603	139A	970046-2	108	980434	100	983039	161
815189	102A	817962	114	902717	290A	922604	109	970046A	108	980435	160	983095	108
815190	123A	824960-0	108	902720	290A	922693	142A	970047	112	980437	121	983096	108
815191	123A	825065	102A	902744-01	290A	922799	116	970107	129	980438	100	983097	123A
815193	160	829704-6	74H21	905029	126A	922860	116	970108	128	980439	100	983099	109
815195	102A	829704-7	74H21	906103-02	5002A	922873	177	970244	108	980440	123A	983101	116
815196	102A	838105	159	906128-01	974	922878	3007	970245	108	980441	160	983233	108
815197	160	844090	536A	906129-01	5332	922896	100	970246	159	980462	105	983234	107
815198	123A	844157-002	523/3306	908098	909	922943-1	519	970247	123A	980462A	105	983235	107
815199	159	844212A	523/3306	908703-1	177	922950	5074A	970248	159	980463	105	983236	126A
815199-6	159	845050	123A	908705-1	519	922962	109	970249	108	980463A	105	983237	102A
815201	123A	848082	123A	908705-2	519	922969	116	970250	123A	980505	160	983238	102A
815202	123A	850410	283	908721-1	177	923103	159	970251	159	980506	160	983239	109
815203-3	121MP	851759-3	160	908742-1	519	923147(Rectifier)	156	970252	123A	980507	160	983271	126A
815203-5	121MP	851881	123	908844-1	199	923147(Diode)	177	970253	312	980508	102A	983272	126A
815206	161	852158-7.1											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
984198	123A	986693	107	1045154-5	156	1303701	211	1417308-8	123AP	1417366-001	165	1445829-504	188
984200	109	986694	107	1045154-6	156	1304201	184	1417308-9	123AP	1417366-1	165	1446149-1	515
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984590	123A	988051	116	1201001	167	1400901	402B	1417318-2	194	1417377-7	108	1462560-1	729
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984688	103A + 158(CP)	988987	108	1213037-3	850	1402101	7410	1417322-1	175	1417392-1	108	1463686-1	712
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984743	108	988990	159	1221825	104	1402401	7454	1417325-3	123AP	1417399-2	49	146437-1	787
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984851	108	988996	109	1222136	160	1403101	9601	1417330-2	159	1417399-4	152	1464439-2	789
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984881	110MP	991123	125	1223781	108	1404401	4013B	1417331-2	123AP	1417403-1	238	1464607-5	531
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985099	123A	992073	229	1223910	1155	1405201	4520B	1417339-003	159	1417408-1	222	1464846-1	949
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985103	131	992108	229	1223914	290A	1405701	2042S	1417339-3	159	1417420-001	159	1465158-1	797
985105	116	992115	152	1223915	229	1405801	4069	1417339-6	159	1417420-1	159	1465158-2	797
985106	177	992124	123A	1223916	123A	1407205-1	121	1417340-2	123AP	1417421-001	184	1465316-1	984
985115	221	992143	109	1223917	306	1407206-1	121	1417342-1	123AP	1417423-001	89	1465316-2	984
985216	108	992150	177	1223918	235	1407401	960	1417343-1	123AP	1417426-001	380	1465316-2A	984
985217	102A	992157	116	1223919	229	1408615-1	229	1417343-2	123AP	1417872-11	519	1465345-1	1174
985217	102	992157-1	519	1223920	123A	1408640-1	108	1417343-3	123AP	1417898-010	5021A	1465560-1	1586
985218	121	992161	601	1223921	199	1408649-1	108	1417344-001	194	1420427-1	102A	1465615-1	1176
985431	121	992171	116	1223922	123A	1408694-1	222	1417344-003	194	1420427-2	102A	1465615-2	1176
985432	105	992178	140A	1223923	199	1415721-001	116	1417344-005	123AP	1420427-3	102A	1465617-004	1175
985442	107	992234	740A	1223925	614	1415721-1	558	1417344-1	194	1421207-1	178MP	1465617-2	1175
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985443A	108	992255	1244S	1223928	116	1415742-1	230	1417344-5	123AP	1421716-2	850	1465617-5	1175
985444	108	992269	74145	1223929	125	1415742-2	231	1417345-2	128	1421719-001	2024	1465629-2	985S
985444A	107	992289	102	1223930	177	1415778-1	56008	1417346-001	47	1421719-1	2024	1465633	709
985445	126A	993111	139A	1223931	109	1415778-2	56008	1417346-003	123AP	1421733-001	4011B	1465637-1	986
985445A	160	993570-4	129	1224031	294	1415779-1	5655	1417346-004	123AP	1421734-001	4013B	1465637-2	986
985446	126A	993624-2	128	1224076	1192	1415780-004	230	1417346-1	47	1421734-002	987	1465638-005	844
985446A													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1471112-8	159	1472475-1	199	1473588-2	222	1474777-1	142A	1477046-28	5116A	1815157	128	2000646-105	108
1471112-9	159	1472482-1	102A	1473589-1	123A	1474777-2	145A	1477046-29	5116A	1815159	128	2000646-106	126A
1471112-10	159	1472494-1	127	1473590-1	159	1474777-3	5103A	1477049-4	616	1817004	108	2000646-107	123A
1471112-12	159	1472501-1	127	1473591-1	129	1474777-4	147A	1477069-1	616	1817005	123A	2000646-108	102A
1471113-2	123A	1472501-1	127	1473592-1	129	1474777-5	5097A + 5101A(CP)	1477074-1	616	1817005-3	108	2000646-109	126A
1471113-3	123A	1472501-1	159	1473593-1	128	1474777-7	149A	1477081-501	145A	1817006	128	2000646-110	127
1471114-1	159	1472501-1	159	1473594-1	123A	1474777-9	144A	1477094-004	616	1817006-3	108	2000646-111	158
1471115-1	123A	1472501-1	229	1473595-1	128	1474777-11	144A	1477094-1	616	1817007	123A	2000646-113	121
1471115-2	123AP	1472501-1	107	1473596-1	159	1474777-12	147A	1477094-3	616	1817008	108	2000646-115	116
1471115-3	199	1472501-1	229	1473597-2	102A	1474777-13	145A	1477094-4	616	1817017	103A	2000646-119	116
1471115-4	199	1472716-1	850	1473599-1	159	1474777-14	146A	1478023-1	502	1817045	108	2000646-120	116
1471115-10	161	1473500-1	123A	1473601-1	123AP	1474777-16	147A	1478164-002	615A	1817108	123A	2000648-21	160
1471115-11	199	1473501-1	159	1473601-001	123AP	1474777-18	145A	1478164-010	147A	1819045	108	2000648-22	160
1471115-12	123A	1473502-1	704	1473601-1	123AP	1474777-20	5074A	1478164-011	615A	1820829	128	2000648-23	126A
1471115-13	123AP	1473502-2	704	1473601-2	123AP	1474777-26	137A	1478164-1	615A	1820665-1	532	2000648-26	109
1471115-14	123AP	1473503-1	124	1473603-1	123AP	1474778-013	116	1478164-2	615A	1820665-2	532	2000648-120	116
1471117-1	124	1473503-1	124	1473604-1	172A	1474778-013	116	1478164-3	5081A	1820665-3	531	2000752-80	128
1471120-7	123AP	1473505-1	123A	1473604-3	172A	1474778-013	116	1478164-4	147A	1820665-4	532	2000757	113A
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1471120-11	199	1473508-1	128	1473608-002	128	1474778-013	116	1478164-6	147A	1834044	390	2000757-79	113A
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1471120-15	123AP	1473514-1	127	1473608-2	128	1474778-013	116	1478564-5	310	1840399-1	123A	2000804-7	108
1471122	199	1473515-1	121	1473608-3	128	1474778-013	116	1478564-6	308	1846282-1	123A	2000804-8	108
1471122-6	123AP	1473516-1	159	1473610-1	229	1474778-013	116	1478564-7	310	1846794-1	177	2000804-9	102A
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1471123-2	128	1473520-1	124	1473611-1	152	1474778-11	116	1479979-1	161	1851515	123A	2001653-20	126A
1471123-3	128	1473521-1	108	1473612-1	152	1474778-13	116	1479979-2	108	1851516	175	2001653-21	126A
1471123-4	128	1473522-1	159	1473612-2	152	1474778-13	116	1479979-3	165	1851517	181	2001653-22	100
1471123-5	128	1473524-1	229	1473612-11	152	1474778-16	177	1490880-1	505	1851518	175	2001653-23	102A
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1471125-3	179	1473526-1	123AP	1473613-3	191	1474788-10	116	1497049-003	146A	1872425-1	909	2001653-58	160
1471132-002	196	1473527-1	108	1473613-4	191	1474788-10	116	1497049-006	5019T1	1887048	120	2001653-59	160
1471132-2	152	1473528-1	785B	1473613-5	154	1475171-31	116	1497049-009	5029A	1895989-1	909A	2001786-134	109
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1471132-4	152	1473529-1	107	1473614-1	123AP	1476049-2	119	1502039	128	1895992-1	9962	2001786-141	116
1471132-5	196	1473530-1	108	1473614-2	123AP	1476161-11	558	1503097-0	159	1895993-1	9930	2001786-142	125
1471132-6	181	1473530-2	108	1473614-3	123AP	1476161-12	558	1519446-00	311	1895994-1	9932	2001786-169	358
1471133-1	188	1473532-1	123AP	1473615-1	123AP	1476161-13	558	1522267-20	123A	1895995-1	9933	2001786-207	116(3)
1471134	153	1473533-1	159	1473616-1	109	1476171-031	558	1560048	612	1895995-1	9933	2001786-207	116(3)
1471134-1	189	1473535-1	319P	1473617-1	157	1476171-033	558	1625295-101	123A	1908519	519	2001809-48	102A
1471135-001	130	1473536-001	123AP	1473618-1	222	1476171-034	558	1582501	925	1914062-1	9936	2001809-48A	102A
1471135-1	130	1473536-1	123AP	1473618-2	5642	1476171-036	558	1582502	925	1930510	125	2001809-48B	102A
1471135-2	181	1473536-2	123AP	1473619-2	5642	1476171-037	552	1598408	123A	1930550	519	2001812-65	100
1471136-3	172A	1473537-1	233	1473619-3	5642	1476171-039	525	1597777	1670	1931510	109	2002151-020	109
1471139-1	180	1473538-1	123AP	1473620-001	159	1476171-041	581	1604609-2	909	1931900	123A	2002151-18	160
1471140-1	184	1473539-1	123AP	1473620-1	159	1476171-043	558	1611708-2	123A	1931910	159	2002151-18A	160
1471141-1	185	1473540-1	159	1473620-2	159	1476171-044	552	1612126-1	199	1931920	184	2002151-19	102A
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1471145-1	156	1473543-1	123AP	1473622-1	128	1476171-11	580	1617032	159	1931950	452	2002152-14	102A
1471822-11	110MP	1473544-1	123AP	1473622-002	128	1476171-11(Transistor)	104	1617032	159	1932060	159	2002153-58	160
1471839-1	612	1473545-1	128	1473622-1	128	1476171-12	580	1637776-103JS1659	519	1932160	194	2002153-59	160
1471839-5	612	1473546-1	123AP	1473622-2	128	1476171-13	558	1641141-102	177	1944313A1	128	2002153-60	160
1471872-002	177	1473546-2	123A	1473623-1	152	1476171-13(Transistor)	104	1641141-102	177	1944313A1	128	2002153-71	102A
1471872-006	177	1473546-3	123A	1473624-1	185	1476171-14	515	1642608B1	135A	1945294	179	2002153-75	160
1471872-008	177	1473547-1	128	1473624-2	185	1476171-15	515	1642608B4	137A	1945295A1	145A	2002153-77	123A
1471872-06	177	1473548-1	123AP	1473624-21	185	1476171-17	506	1642608B6	136A	1945600	923D	2002153-78	102A
1471872-010	177	1473549-1	159	1473625-001	123AP	1476171-18	506	1662258-6	597	1945630	4013B	2002153-83	103A
1471872-014	177	1473549-2	159	1473625-1	123AP	1476171-19	515	1680008-01	908	1945640	908	2002207-2	614
1471872-017	109	1473550-1	123A	1473626-001	123AP	1476171-20	515	1690019-01	123A	1945660	778A	2002209-4	137A
1471872-019	109	1473551-1	123AP	1473626-2	123AP	1476171-21	156	1690019N137	6402	1950003	519	2002209-5	140A
1471872-024	177	1473552-1	154	1473627-1	159	1476171-22	506	1700001	159	1950039	123A	2002209-6	5077A
1471872-029	177	1473553-1	154	1473628-1	188	1476171-24	558	1700008	123A	1950056-1	159	2002209-9	140A
1471872-1	177	1473554-1	123AP	1473628-2	171	1476171-25	552	1700019	123A	1950056-2	177	2002209-10	142A
1471872-2	177	1473555-1	128	1473628-3	188	1476171-26	558	1700020	229	1950060	152	2002209-11	5072A
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1471872-5	177	1473555-4	128	1473631-1	194	1476171-29	552	1700034	159	195170	162	2002211-24	102A
1471872-6	177	1473556-1	123AP	1473632-003	196	1476171-30	552	1700035	311	195197	5072A	2002211-25	177
1471872-7	177	1473557-1	123A	1473632-1	196	1476171-31	558	1700036	152	1954886	116	2002331-46	143A
1471872-8	177	1473558-1	123AP	1473632-2	196	1476171-32	552	1700037	195A	1960023	123A	2002332-53	108
1471872-10	177	1473559-001	159	1473632-3	196	1476171-33	558	1700038	195A	1960083-1	128	2002332-54	108
1471872-11	109	1473559-1	159	1473633-1	171	1476171-34	558	1701790-1	130	1960083-2	154	2002332-55	108
1471872-12	177	1473560-002	123AP	1473634-1	165	1476171-35	552	1702601-1	130	1960177-2	123A	2002332-56	108
1471872-13	177	1473560-1	123AP	1473635-1	222	1476171-36	525	1780142	159	1960584	121	200	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2003779-26	139A	2090056-27	104	2092417-9	160	2200744	241	2211423	298	2320696-1	123A	2327293	128
2004107-40	113A	2090924-0008	102A	2092417-17	123A	2200782	373	2211424	296	2320833	161	2327302(Hitachi)	703
2004357-106	109	2090924-008	102A	2092417-18	123A	2200783	373	2211445	294	2320833	373	2327312	1039
2004358-123	102A	2090924-6	102A	2092417-10	123A	2200782	374	2211446	44	2320846	184	2327332	128
2004358-142	116	2090924-8	102A	2092418-0022	161	2200793	374	2211454	290A	2320853	185#	2327333	289A
2004358-168	102A	2090924-8A	102A	2092418-0023	161	2200802	284	2211455	290A	2320855	374	2327363	123A
2004746-87	124	2090924B	102A	2092418-0024	161	2200803	284	2211544	85	2320855	157	2327367	159
2004746-114	108	2091211-0014	100	2092418-071	160	2200812	285	2211722	229	2320882	154	2327403	128
2004746-115	108	2091217-0014	160	2092418-0710	160	2200813	285	2211723	229	2320891	124	2327411	1041
2004746-116	129	2091241-0005	160	2092418-0711	101	2200822	36	2211732	90	2320946	128	2327422	720
2004746-117	129	2091241-005	126A	2092418-0712	160	2200823	36	2211733	90	2320961	163A	2327431	222
2005779-26	138A	2091241-0013	100	2092418-0715	108	2200832	37	2211772	290A	2320963	107	2327433	454
2006226-14	102A	2091241-0014	100	2092418-0716	161	2200833	37	2211803	459	2320981	107	2327443	199
2006227-51	123A	2091241-0015	100	2092418-0718	161	2200863	375 ♦	2211815	229	2320994	124	2327453	290A
2006334-31	158	2091241-0018	102A	2092418-0718	161	2200864	375 ♦	2211845	229	2321001	124	2327682(GSD)	451
2006334-115	123A	2091241-0719	126A	2092418-0719	161	2200873	398 ♦	2227367	176	2321095	198	2327732	5014A
2006334-155	128	2091241-1	100	2092418-0720	161	2200874	398 ♦	2227367	176	2321101	154	2327733	91
2006422-132	109	2091241-2	100	2092418-0721	161	2200882	285	2231031	5021A	2321111	288	2327907	91
2006422-133	116	2091241-3	100	2092418-0724	108	2200883	285 ♦	2234494	9900	2321112	288	2327913	90
2006431-44	108	2091241-4	100	2092418-1	160	2200892	284 ♦	2234496	9914	2321121	283	2327923	90
2006431-45	123A	2091241-5	126A	2092418-2	160	2200893	284 ♦	2234497	9926	2321211	198	2328031	506
2006431-46	123A	2091241-5A	126A	2092418-5	160	2201034	152	2234497	9926	2321221	376	2328083	234
2006431-49	123A	2091241-6	100	2092418-6	160	2201035	152	2234497	9926	2321241	283	2328102	381
2006431-50	109	2091241-7	100	2092418-7	160	2201073	152	2234497	9926	2321264	5455	2328108	381
2006436-35	186	2091241-8	100	2092418-8	160	2201074	152	2302461-1	HiDiv-4	2321281	153	2328112	380
2006436-36	186	2091241-9	102A	2092418-10	160	2201075	152	2311598	506	2321291	124	2328118	380
2006436-37	129	2091241-10	100	2092418-11	160	2205592-22	116(4)	2321301	291	2321301	291	2328282	85
2006436-38	116	2091241-11	100	2092418-11	160	2205592-22	116(4)	2321302	291	2321302	291	2328283	85
2006436-40	128	2091241-12	100	2092608-0700	123A	2210045	199	2320011	102A	2321305	291	2328292	87
2006441-91	116	2091241-13	100	2092608-22	123A	2210046-1	199	2320022	123A	2321306	375	2328312	88
2006441-113	102A	2091241-13A	100	2092609-0001	123A	2210064	289A	2320031	107	2321321	234	2328422	375
2006441-122	109	2091241-14	100	2092609-0002	123A	2210073	233	2320041	161	2321322	129	2328432	398
2006463-89	116	2091241-15	100	2092609-0022	123A	2210074	159	2320041H	161	2321323	234	2328448	382
2006512-40	116	2091241-15A	100	2092609-0023	123A	2210085	199	2320042	85	2321351	234	2328458	383
2006512-79	113A	2091247-005	160	2092609-0023	123A	2210086	199	2320043	107	2321372	86	2328465	373
2006512-80	113A	2091260-1(NPN)	103A	2092609-0024	123A	2210123	85	2320051	154	2321374	86	2328475	374
2006513-19	108	2091260-1(PNP)	102A	2092609-0025	159	2210124	85	2320051H	154	2321381	398	2328622	383
2006513-39	107	2091260-2(NPN)	102A	2092609-0026	123A	2210136	199	2320062	108	2321403	124	2328625	383
2006513-53	158	2091260-2(NPN)	103A	2092609-0027	123A	2210137	199	2320063	108	2321412	198	2328632	382
2006513-139	131	2091260-3(NPN)	103A	2092609-0028	123A	2210235	290A	2320073	108	2321433	291	2328635	382
2006514-60	123A	2091260-3(NPN)	103A	2092609-0705	123A	2210244	289A	2320083	152	2321438	375	2328641	290A
2006514-61	195A	2091578-0702	102A	2092609-0706	123A	2210274	459	2320084	175	2321472	287	2328642	290A
2006582	116	2091578-0712	102A	2092609-0707	123A	2210285	199	2320092	131	2321511	229	2328651	85
2006582-20	109	2091588-11	121	2092609-0713	123A	2210286	199	2320111	123A	2321521	234	2328652	85
2006582-21	125	2091588-11	121	2092609-0715	123A	2210330	229	2320123	123A	2321541	85	2328653	85
2006582-23	116(4)	2091589-0008	104	2092609-0718	123A	2210355	85	2320141	233	2321561	389	2328773	91
2006582-24	116(4)	2091589-0011	104	2092609-0718	123A	2210374	453	2320141H	161	2321591	375	2328783	90
2006582-25	123A	2091589-0025	104	2092609-0721	123A	2210380	229	2320143	107	2321621	123AP	2328802	312
2006582-101	161	2091589-0711	108	2092609-1	123A	2210390	85	2320154	100	2321652	280	2328803	312
2006607-59	121	2091589-0712	121	2092609-2	123A	2210404	290A	2320161	159	2321693	375	2328805	312
2006607-60	123A	2091589-0713	121	2092609-3	123A	2210416	234 ♦	2320161(RCA)	160	2321699	375	2328807	312
2006607-61	195A	2091589-0714	121	2092609-3	123A	2210665	234	2320162	159	2321732	196	2328861	91
2006607-62	123	2091589-0715	121	2092609-3	123A	2210666	234	2320191	154	2321751	234	2328862	91
2006607-63	138A	2091589-0716	121	2092609-3	123A	2210670	199	2320201	127	2321763	292	2328871	90
2006613-77	123A	2091589-0717	121	2092609-3	123A	2210671	289A	2320221	124	2321764	153	2328872	90
2006623-47	312	2091589-0718	121	2092609-3	123A	2210675	199	2320222	124	2321791	375 ♦	2328964	197
2006623-48	177	2091589-0720	104	2092609-3	123A	2210700	42	2320223	124	2321831	85	2328973	196
2006623-49	110	2091589-0723	121	2092609-3	123A	2210707	42	2320228	124	2321881	293	2328974	196
2006623-88	184	2091589-7	104	2092609-3	123A	2210743	85	2320233	128	2321882	293	2329073	197
2006623-128	195A	2091589-4	104	2092609-3	123A	2210744	85	2320242	129	2321891	294	2329083	196
2006623-145	123A	2091589-6	121	2092609-3	123A	2210745	85	2320243	129	2321893	294	2329161	92
2006623-148	128	2091589-8	121	2093308-070	108	2210746	85	2320261	102A	2321982	293	2329171	93
2006627-54	107	2091589-11	104	2093308-0700	108	2210747	85	2320271	162	2321984	293	2329183	290A
2006681-93	107	2091589-10	104	2093308-0701	123A	2210748	85	2320273	162	2321991	399	2329193	152
2006681-94	107	2091589-11	104	2093308-0702	123A	2210755	399	2320281	164	2321992	399	2329323	85
2006681-95	107	2091589-16	121	2093308-0703	123A	2210772	240	2320291	165	2322163	5437	2329333	107
2006681-96	123A	2091589-16	121	2093308-0704	107	2210774	240	2320299	165	2322191	85	2329453	85
2006681-120	158	2091589-16	121	2093308-0704A	108	2210782	190	2320302	102A	2322561	157	2330011	186
2008292-56	107	2092055-0001	109	2093308-0705	107	2210784	190	2320302H	102A	2322562	157	2330011H	186
2008292-87	126A	2092055-0002	5072A	2093308-0706	108	2210795	90	2320331	103A	2322651	89	2330021	138A
2008292-88	177	2092055-0007	110MP	2093308-0706	107	2210803	290A	2320413	123A	2323021	89	2330032	505
2008292-89	116(2)	2092055-0010	109	2093308-0706A	108	2210823	85	2320422	158	2323102	199	2330033	503
2008293-111	153	2092055-0016	136A	2093308-0708	123A	2210834	290A	2320422-1	102A	2323343	199	2330034	504
2008299-1	107	2092055-0017	5072A	2093308-0725	107	2210844	289A	2320423	102A	2323352	199	2330101	519
2008300-105	1003	2092055-0018	5071A	2093308-1	108	2210853	374	2320432	152	2323352(BCE)	234	2330191	506
2008302-41	116	2092055-0024	5082A	2093308-2	108	2210863	373	2320441	123A	2323432	56	2330192	506
2010088-42	123A	2092055-0027	5072A	2093308-3	108	2210864	373	2320471	319P	2323521	116	2330201	116

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
2330791	5071A	2337601	519	2392152	941M	2501557-436	9936	3007359-01	9949	3412986-1	903	3596570	123A
2330921	502	2337615	500A	2392157	923	2501557-437	9937	3007359-02	9963	3430063	116	3596808	726
2331001	5011A	2337641	177	2402277	904	2501557-448	9946	3007359-03	9932	3430063-1	5804	3596809	789
2331084	615A	2337751	3022	2412275	804	2501557-448	9949	3007359-04	9945	3430063-2	580	3596810	788
2331121	506	2337752	3022	2412949-0001	129	2501557-461	9961	3007473-00	9932	3438095	152	3597049	1115
2331141	506	2337761	116	2469749	123A	2501557-462	9962	3007473-01	9932	3438854	163A	3597103	108
2331142	116	2337762	116	2469755	123A	2521106-1	158	3007474-00	9930	3438867	152	3597104	108
2331152	142A	2337778	140A	2469936-1	128	2505207	123A	3007474-01	9930	3450842-10	154	3597114	107
2331154	5021A	2337783	142A	2479692	123A	2505209	123A	3007475-00	9962	3450842-20	154	3597280	108
2331161	5020A	2337787	145A	2479836	123A	2509319	124	3007475-01	9962	3450842-30	154	3597281	108
2331164	5020A	2337811	302A	2485076-2	128	2520063	123A	3007476-00	9946	3457107-1	123A	3597280	1115
2331165	5020A	2337812	302A	2485076-3	128	2521106-1	158	3007476-01	9946	3457632-5	123A	3597279	75491B
2331171	5019A	2337893	5079A	2485077-2	128	2530733	123A	3007477-00	9936	3457632-2	128	3598173	1115
2331172	5020A	2337896	5074A	2485077-3	128	2545989-2	128	3007477-01	9936	3457633-2	128	3598445	1232
2331173	5020A	2337921	109	2485078-1	123A	2546059	519	3007572-00	9933	3457697-1	726	3598520	1232
2331174	5074A	2337922	109	2485078-2	123A	2546220-1	910	3007573-00	9093	3457845-1	346	3600680	1394
2331201	116	2337932	109	2485078-3	123A	2552007	158	3007573-01	912	3457846	357	3600836	960
2331351	519	2338003	137A	2485079-1	123A	2552865-1	536A	3007573-02	912	3457847-1	346	3610003	001 OBS NLA
2331381	551	2338014	519	2485079-2	123A	2596071	108	3007604-00	9135	3457848-2	348	3610003	944
2331441	109	2338211	116	2485079-3	123A	2604686-3	909	3007604-01	941	3457847-1	349	3610005	9900
2331481	116	2338371	5030A	2485080	177	2605022	128	3007680-01	941D	3457847-2	351	3650238A	159
2331491	5009A	2338561	5015A	2485080(Diode)	109	2608169-1	128	3008321-00	308K	3457847-3	351	3670724H	123A
2331493	135A	2338630	5024A	2486836	116	2610023-01	910	3008340	923D	3457847-4	350	3671857	121
2331495	5011A	2338653	5033A	2487305	177	2610023-02	910D	3020111	107	3457847-6	351	3673351K	289A
2331497	5013A	2338721	5332	2487340	159	2610032	177	3034725-1	903	3457936-1	234	3673354G	289A
2331502	125	2338881	177	2487341	159	2610043-03	941M	3068305-2	123A	3457964-1	350	3680322-3	5992
2331541	5002A	2340283	600	2487424(PNP)	159	2610153	725	3100001	923A	3457964-2	350	3700072	123A
2331546	5006A	2340331	605A	2487424(NPN)	192	2610154-01	923	3100002	923	3457964-3	350	3700163	123A
2331581	5030A	2340332	605A	2495012	126A	2610783	7402	3100004	960	3457964-4	350	3700164	130
2331807	5012A	2347021	116	2495013	126A	2610784	7496	3102006	74LS00	3458267-1	128	3700135	130
2331816	5014A	2347041	600	2495014	102A	2610786	7400	3102007	74LS02	3458573-1	192	3700144	159
2331817	5015A	2347141	605A	2495078	160	2610788	74121	3102008	74LS02	3458573-2	192	3700162	128
2331821	5016A	2360021	1061	2495079	160	2621499-1	177	3102009	74LS05	3460550-1	160	3700163	128
2331823	5016A	2360042	712	2495080	102A	2621567-1	123A	3102010	74LS11	3460550-3	160	3700164	130
2331829	5018A	2360042(Hitachi)	712	2495082	160	2621570	159	3102011	74LS20	3460550-4	160	3700171	123A
2331842	5021A	2360092	712	2495083	110MP	2621764	123A	3102013	74LS30	3460553-2	121	3700219	130
2331843	5021A	2360141	1004	2495083-1	109	2621786-1	519	3102014	74LS32	3460553-4	121	3700228	130
2331844	5022A	2360151	1213	2495083-2	109	2621811	106	3102015	74LS74A	3460679-1	102A	3700229	130
2331845	143A	2360171	1004	2495084	109	2622284	123	3102016	74LS92	3460758-2	5801	3700258	129
2331859	5008A	2360201	712	2495166-1	108	2635012	177	3102017	74LS93	3462221-1	121	3700279	123A
2331902	519	2360221	1094	2495166-2	123A	2640830-1	123	3102018	74LS132	3462306-1	121	3720923-1	320
2331991	125	2360231	1121	2495166-4	123A	2640843-1	123A	3102019	74LS153	3462309-1	5870	3720923-2	320
2332004	5037A	2360271	1258	2495166-8	123A	2652613	9944	3102020	74LS157	3462309-2	5870	3720923-3	320
2332121	525	2360281	1251	2495166-9	123A	2652614	9945	3102021	74LS166	3462309-3	128	3720923-4	320
2332141	552	2360291	1257	2495200	126A	2656211-1	9930	3102022	74LS174	3463100-1	175	3720968-1	923
2332152	558	2360361	1004	2495376	160	2656212	9946	3102023	74LS175	3463101-1	130	3723012	367
2332242	558	2360391	712	2495377	160	2656212-1	9946	3102024	74LS367	3463604-1	175	3723103	367
2332251	552	2360401	1004	2495378	126A	2656213	9944	3102025	74LS368	3463604-2	175	3723104	367
2332462	116	2360431	1196	2495379	126A	2656213-1	9944	3102026	74C00	3463609-2	161	3727104-1	352
2332483	5002A	2360441	1196	2495380	109	2656214	9945	3102027	74C04	3464482-1	102A	3727796-1	477
2332491	3166	2360491	712	2495383	109	2656214-1	9945	3102028	74LS156	3464611	519	3728256-1	338F
2332492	3167	2360501	712	2495388	102A	2656747	9944	3106002	75452B	3464648-1	390	3728256-2	117
2332751	5014A	2360511	1004	2495388-1	102A	2656748	9946	3108002	2102	3464648-2	390	3731132-1	123A
2332771	50211T	2360561	74107	2495388-2	102A	2666293	7482	3108003	2117	3464648-3	161	3731133-1	159
2332781	5010A	2360631	1213	2495486-1	126A	2666294-1	7483	3108009	2117	3464648-4	161	3731313-1	121
2332791	5304	2360691	1550	2495488-2	126A	2666307-1	128	3110001	3880	3468068-3	161	3731418-1	129
2332794	5305	2360741	7400	2495520	161	2709759	309K	3108833-P01	177	3468068-4	161	3731418-2	129
2332801	558	2360751	74S194	2495521	161	2710002	941	3130006	121	3468071-1	175	3731418-3	129
2332811	552	2360782	1469	2495521-1	123A	2712080	123A	3130011	102	3468182-1	123A	3731418-4	129
2332841	5020A	2360851	4011B	2495522-1	161	2729789	176	3130025	102	3468182-2	123A	3755171	152
2332851	552	2360924-5601	123A	2495522-4	123A	2760438-1	177	3130053	128	3468183-1	159	3755862	199
2333003	552	2361291	1758	2495523-1	161	2777301	128	3130057	175	3468242-1	159	3755864	177
2333011	552	2361301	1759	2495529(Arvin)	128	2780312	358	3130058	130	3468242-2	123A	3939307-002	161
2333173	109	2361361	4069	2495529 (Diode)	109	2797658-616030A	941	3130060	102	3468481-1	175	4000022	605A
2333231	125	2361461	966	2495567-2	102A	2806577	9932	3130090	181	3520025-001	9936	4000031	601
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2334121	5010A	2362541	1593	2495568-2	102A	2811925-002	552	3130093	175	3520043-001	7473	4010577-0701	519
2334122	5010A	2362621	4011B	2496125-2	123A	2811975-001	454	3130104	181	3520044-001	7440	4013373-0701	99748
2334142	5013A	2363191	4066B	2496436	109	2811975-1	454	3130109	121	3520045-001	7451	4017621-0701	123A
2334243	5025A	2363261	1473	2497094-1	161	2812833-001	616	3146977	130	3520046-001	7474	4028839	161
2334282	5031A	2363741	4069	2497094-2	161	2812833-1	616	3146977A	130	3520047-001	7430	4031986-0701	159
2334293	5033A	2364081	1409	2497473-1	102A	2812851-001	125	3152159	175	3520048-001	7404	4032122	716
2334303	5035A	2497473-1	1546	2497473-1	102A	2812851-1	125	3152170	130	3520050-001	7472	4036392-P2	140A
2334312	5036A	2497496	102A	2497496	102A	2812851-2	125	3152170A	130	3539307-001	161	4036598-P1	121
2334471	375	2364401	966	2497888	158	2814681-001	222	3160000-00-08A	519	3539307-002	161	4036598-P2	102A
2335042	5030A	2364502	4042B	2498163	128	2814682-001	222	3170717	154	3596061	177	4036612-P1	100

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
4037410-P1	160	4450300-1	5675	4890235A54	377#	5113642	909	5190480A31	1529	5320361	103A	5330731	109
4037410-P2	160	4450300-P2	5626	4890235A55	116	5113753A11	712	5190480A32	1718	5320372	123A	5330732	109
4037413-P1	137A	4450003-P3	5626	4890235A56	5010T1	5113753A23	1415	5190480A33	1609	5320372H	123A	5330733	519
4037586-P1	123A	4450301-001	5642	4890235A57	5021A	5113753A37	1682	5190480A41	1703	5320373	123A	5330822	116(4)
4037586-P2	123A	4450303-002	5642	4890235A58	5037A	5113753A53	1669	5190480A46	962	5320422H	152	5330841	5010A
4037594-P1	121	4511424	7432	4890235A59	5016A	5113753A67	1673	5190480A51	1425	5320432	152	5330842	136A
4037607-P1	121	4550106-001	152	4890235A60	558	5113753A68	1633	5190480A57	1410	5320433	152	5330848	5011A
4037647-P1	186	4550106-003	151	4890235A61	89	5113753A69	1726	5190480A57	1410	5320477	103A	5330851	614
4037647-P2	186	483487	1095	4890235A62	116	5165440	9936	5190480A64	1551	5320485	102A	5330852	614
4037764-P1	160	4663001A905	7474	4890235A64	2409	5175460	7408	5190480A65	1727	5320492H	152	5331001	614
4037764-P2	160	4663001A909	7404	4890235A65	2406	5190266A22	1580	5190480A66	966	5320501	195A	5331031	519
4037800-P1	123A	4663001A911	7440	4890235A66	2408	5190266A55	928M	5190480A67	1367	5320511	237	5331051	519
4037800-P2	123A	4663001A912	7410	4890235A70	22	5190266A72	1623	5190480A92	1705	5320583	312	5331052	109
4037804-P1	102A	4663001A915	7430	4890237A19	289A	5190305A04	1186	5190480A93	1629	5320592	290A	5331091	143A
4037804-P2	102A	4663001D907	7400	4890237A20	289A	5190305A05	1187	5190480A95	1546	5320593	290A	5331102	5312
4037822P1	116	4800002	519	4890237A35	2408	5190305A09	615A	5190480A96	1674	5320612	128	5331201	116
4037822P2	116	4800021	137A	4890237A36	2408	5190305A16	1613	5190480A97	17406	5320613	289A	5331111	116
4037822P3	126	4800022	507A	4890237A38	2408	5190305A20	1263	5190495A36	1560	5320632	187	5331491	5030A
4037833-P1	101	4800023	167	4890237A60	152	5190305A21	1123	5190495A87	1612	5320642	186	5331502	109
4037833-P2	101	4800026	5046A	4890237A62	125	5190305A22	1264	5190495A88	1747	5320643	184	5331582	5011A
4037993-P1	100	4800037	142A	4890237A84	2406	5190305A23	1265	5190495A90	1683	5320651	289A	5331583	5013A
4037993-P2	100	4800045	479	4890309A50	5009A	5190305A24	1266	5190495A91	1741	5320652	152	5331592	519
4038256-P1	101	4800046	338F	4890343A81	293	5190305A25	1267	5190507A20	1234	5320702	312	5332402	185
4038256-P2	103A	4800062	336	4890343A87	3120	5190305A26	1268	5190507A24	962	5320723	185	5332412	184
4038260-P1	100	4804427	346	4890380A03	51	5190305A27	1269	5190507A29	1714S	5320772	229	5340001	177
4038260-P2	100	4806080	348	4890380A30	5024A	5190305A28	1223	5190507A39	928M	5320791	235	5340001(Transistor)	123A
4038264-P1	101	4806082	351	4890380A46	605A	5190305A29	1270	5190507A40	928M	5320813	85	5340001H	177
4038264-P2	101	4806083	350	4890380A55	3120	5190305A30	9400	5190507A46	1689	5320851	123A	5340021	116
4038359-P1	160	4806088	320	4890380A74	16	5190305A31	9200	5190507A59	943M	5320852	123A	5340022	116
4038359-P2	160	4806095	354	4890380A76	290A	5190305A32	9401	5190507A60	1630	5320861	107	5340022H	177
4038406-P1	160	4813466	123A	4890380A77	294	5190305A34	1408	5190507A71	1659	5320863	107	5340051	177
4038406-P2	160	4820004	291	4890380A78	294	5190305A37	1427	5190507A78	1712	5320872	102A	5340111	177
4080187-0502	152	4822001	123AP	4890380A80	18	5190305A39	1405	5190507A80	1713	5320921	184	5340113	601
4080187-0504	130	4822003	159	4890380A89	2407	5190305A40	1428	5190507A83	1715	5320942	312	5340161	601
4080187-0506	196	4822354	130	4890380A95	2408	5190305A41	1425	5190507A84	4001B	5320943	312	5350121	1029
4080187-0507	196	4822354J	130	4890380A96	2406	5190305A43	1412	5190507A85	4071B	5320944	312	5350132	1030S
4080320-0505B	130	4824002	153	4890380A98	2407	5190305A44	1419	5190507A87	1628	5320961	292	5350135	1030S
4080320-0501	130	4824003	219	4890420A01	16	5190305A45	1622	5190507A92	4015B	5321171	237	5350136	1030S
4080320-0504	130	4823800	181	4890420A19	289A	5190305A46	9402	5190507A93	4024B	5321183	290A	5350141	1031
4080627-0501	175	4865837A02	109	4890420A29	19	5190305A50	749	5190507A97	4002B	5321184	159	5350151	1032
4080835-0002	196	488238F01	116	4890420A41(BCE)	16	5190305A59	615A	5190507A98	4012B	5321193	85	5350152	1032
4080838-0001	175	4890210A03	377	4890420A42(BCE)	16	5190305A60	1060	5190507A99	4069	5321212	287	5350161	1033
4080838-0002	175	4890210A05	5004A	4890420A83	91	5190305A61	712	5190508A35	9403	5321214	287	5350182	1075A
4080838-002	196	4890210A06	519	4890420A85	552	5190305A62	1408	5190518A07	960	5321231	186A	5350211	1043
4080838-2	175	4890210A10	2303	4890420A86	552	5190305A65	1439	5190518A08	4040B	5321235	186A	5350231	1058
4080838-3	175	4890210A12	5020A	4890420A87	552	5190305A66	1450	5190518A09	1704	5321252	294	5350321	1169
4080866-0001(Metal)	130	4890210A13	5006A	4890432A01	289A	5190305A69	1444	5190518A10	1659	5321253	129	5350491	1169
4080866-0002(Metal)	130	4890210A14	399	4890432A06	290A	5190305A73	1428	5190518A11	1217	5321261	123A	5350561	2000
4080866-0006(Metal)	130	4890210A16	12	4890432A15	116	5190305A78	1241	5190518A19	1711	5321281	85	5350571	968
4080866-0006(Plastic)	152	4890210A32	5013A	4890432A32	15	5190305A79	1224	5190518A28	4528B	5321282	85	5350611	615A
4080866-0007	175	4890210A68	590	4890432A35	18	5190305A82	1442	5190518A34	40097B	5321291	123AP	5350661	613
4080866-000A	152	4890210A69	591	4890432A36	18	5190305A83	1249	5190518A36	4011B	5321301	152	5350671	1115
4080866-003	152	4890223A09	13	4890432A39	586	5190305A87	712	5190518A54	1682	5321311	295	5350712	1659
4080866-006	152	4890223A61	377	4890432A55	19	5190305A88	1615	5190518A69	955M	5321321	235	5351041	722
4080866-009	152	4890223A62	261#	4890432A56	19	5190305A90	749	5190518A71	2079	5321422	312	5351042	722
4080866-0012	196	4890223A63	89	4890445A11	15	5190305A91	712	5190518A84	1435	5321431	107	5351051	1041
4080866-0013	152	4890223A64	552	4890445A17	16	5190305A92	1587	5190518A97	1611	5321491	236	5351061	1072
4080866-1	175	4890223A65	552	4890445A80	2408	5190433A07	1402	5190528A01	928M	5321492	236	5351062	1072
4080866-2	175	4890223A66	5037A	4890445A83	2407	5190433A10	4069	5190528A21	1367	5321501	312	5351064	1072
4080866-4	152	4890223A67	5012A	4890445A84	2409	5190433A11	4050B	5190528A26	986	5321502	459	5351073	801
4080866-8006	130	4890223A68	5424#	4890445A91	16#	5190433A12	9403	5190528A27	1747	5321504	312	5351172	1217
4080873-0001	184	4890223A88	140A	4890445A93	253	5190433A13	4016B	5190528A28	1683	5321901	229	5351252	129
4080873-0002	152	4890223A90	5019T1	4890445A94	5025A	5190433A27	958	5190528A29	966	5321941	312	5351351	712
4080879-0006	196	4890223A92	125	4890456A07	21	5190433A28	1414	5190528A32	834	5322402	185	5351361	1004
4080879-0011	196	4890223A93	2302	4890456A11	18	5190433A30	958	5190528A35	1176S	5322412	184	5352161	1510
4080879-0015	175	4890223A94	19	4890456A24	519	5190433A32	1428	5190528A36	1546	5330001	125	5352611	1636
4082501-0001	104MP	4890223A95	16	4890456A32	152	5190433A33	1400	5190528A39	986	5330011	139A	5357561(Transistor)	130
4082501-0001A	121	4890223A95(BCE)	85	4890478A04	16#	5190433A34	1422	5190528A41	1742	5330012	139A	5359031	7400
4082501-001	104	4890223A96	107	4890478A13	5014A	5190433A35	1419	5190528A49	960	5330031	116	5359251	1255S
4082626-0001	912	4890223A97	399	4890478A26	5314	5190433A46	778A	5190528A53	1688	5330041	116	5359261	1294
4082664-0001	726	4890223A98	399	4890478A27	125(2)	5190433A52	1620	5190528A80	778A	5330041(HR-5A)	125	5359262	1255S
4082665-0001	723	4890223A99	5004A	4890478A28	125(2)	5190433A53	1607	5190538A18	4027B	5330041H	116	5359271	7493A
4082665-0002	723	4890229A03	377#	4890478A34	3121	5190433A54	1234	5190538A22	966	5330042	116	5359281	987
4082665-0003	723	4890229A15(BCE)	90	4890478A47	19	5190433A57	1060	5190538A24	1561	5330051	5071		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
5493957-P1	160	6532941	290A	7278422	102A	7304380	123A	7851657-01	116	8000737	128	8512001-2	101
5493957-P2	160	6701012	1006	7278423	102A	7304971	5414	7851947-01	109	8002494B	5483	8513071-1	519
5493957-P3	160	6701014	1153	7279003	105	7305468	107	7851949-01	123A	8002866	175	8516861-1	102
5493957-P5	160	6701115	85	7279005	105	7305469	5072A	7851950-01	123A	8002865	126	8516986	102
5493957-P6	160	6701311	1003	7279007	105	7305476	726	7851952-01	123A	8010490	126A	8516986-1	102
5494922-P1	552	6701312	85	7279009	105	7306892	130	7851953-01	123A	8010520	100	8516986-2	102
5494922-P2	116	6701315	107	7279011	105	7309160	130	7851954-01	159	8010530	126A	8518237-1	5870
5494922-P3	116	6701316	85	7279013	105	7311074	128	7851955-01	131 + 155(CP)	8014711	160	8518237-2	5874
5494922-P4	116	6701317	453	7279017	105	7311325	103	7851956-01	123A	8015613	129	8518237-3	5874
5494922-P5	116	6701322	109	7279025	105	7311350	128	7852223-01	109	8015613	129	8518237-9	5875
5494922-P6	116	6701325	519	7279027	105	7312294	718	7852223-01A	109	8020245(IC)	74LS245	8518237-10	5875
5494922-P7	116	6701327	612	7279033	105	7313063	162	7852264-01	116	8020322	102A	8518382-1	5980
5494922-P8	116	6701329	5016A	7279039	104	7313568	121	7852498-01	109	8020323	102A	8518382-2	5982
5495178-P1	5874	6701774	451	7279049	104	7314584	123A	7852499-01	116A	8020334	102A	8518382-9	5983
5495178-P1	5874	6701775	85	7279069	179	7397027	703	7852452-01	199	8020334	102A	8518382-9	5983
5495769P9	614	6701776	107	7279073	105	7492377-5	142A	7852454	123A	8020540	102A	8518382-10	5987
5495822-P1	5874	6701778	1217	7279076	105	7492377-P1	135A	7852454-01	123A	8020560	102A	8518383-10	5982
5495822-P2	5874	6701779	107	7279081	105	7492377-P10	121	7852454-01	123A	8021897	102A	8518383-2	5940
5495822-P3	5874	6720196	139A	7279083	105	7502800	290A + 289A(CP)	7852457-01	289A	8021897	102A	8518383-P2	5944
5495822-P1	5545	6720525	1290	7279298	105	7528046-P4	9932	7852459-01	123A	8022630	102A	8518383P3	5944
5496438-P1	146A	6720526	85	7279379	100	7528048-P4	9946	7852460-01	175	8022631	102A	8519510-2	506
5496665-P1	121	6720535	152	7279387	116	7528153-P4	9948	7852977-01	166	8022643	102A	8521502-1	101
5496665-P2	102	6720536	140A	7279388	105	7528156-P4	910	7852776-01	102A	8022643	102A	8521502-2	101
5496665-P2	102	6721252	85	7279779	126A	7528156-P3	9910	7852776-01	102A	8024152	158	8521502-4	101
5496665-P3	102	6721418	1286	7279779(G.M.)	123A	7528157P1	909	7852778-01	102A	8024250	127	8521587-1	116
5496665-P4	102	6721487	1441	7279780	160	7528158-P4	9910	7852779-01	102A	8024390	160	8521587-101	5802
5496665-P5	102	6721507	95	7279781	100	7528159-P4	9944	7852781-01	123A	8024390(AIWA)	102A	8521587-102	5804
5496665-P6	102	6721507	519	7279782	100	7528160-P4	995	7852782-01	102A	8024400	102A	8521632-1	5483
5496665-P1	102	6845003	116	7279788	100	7528374P3	9951	7852897-01	160	8031825	108	8522468-1	123A
5496665-P2	102	6848908	56	7279789	100	7568476	552	7852899-01	126A	8031836	108	8523209-1	519
5496665-P3	102	6867051	270#	7279793	105	7568752	116	7852900-01	160	8031837	107	8524402-1	101
5496665-P4	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-4	101
5496665-P5	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P6	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P7	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P8	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P9	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P10	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P11	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P12	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P13	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P14	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P15	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P16	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P17	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P18	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P19	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P20	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P21	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P22	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P23	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P24	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P25	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P26	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P27	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P28	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P29	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P30	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P31	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P32	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P33	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P34	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P35	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P36	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P37	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P38	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P39	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P40	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P41	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P42	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P43	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P44	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P45	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P46	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P47	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P48	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P49	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2	128
5496665-P50	102	6867051	152	7279793	105	7568752	116	7852902-01	109	8031839	123A	8524402-2</	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
9006527-01	219	11114049	290A	13030312	109	17210430	614	23114126	107	23115070	109	23119025	748A
9007038	159	11114050	107	13030313	116	17240010	156	23114127	108	23115071	177	23119026	1105
9008964-01	123A	11114055	85	13030401	143A	17241480	180	23114128	108	23115072	177	23119030	1109
9100502	102A	11114056	85	13030402	116	17771400	128	23114132	184	23115074	178MP	23119031	1109
9100621	102A	11114060	85	13035807-1	123A	17809000	130	23114133	185	23115076	139A	23119032	1109
9100706	102A	11114062	289A	13037215	123A	17854700	519	23114134	184	23115078	115	23119033	1109
9100944	102A	11114063	399	13038115	107	17842800-01	159	23114136	159	23115079	113A	23119039	OBS-NLA
9101600	915	11114064	399	13038600	109	17842800-801	519	23114137	290A	23115080	177	23119049	1744
9176494	123A	11114065	85	13039093	103A	18151438	128	23114138	159	23115085	116	23119742	74LS26
9246053	116	11114068	85	13040095	102A	18179900	123A	23114155	123A	23115088	109	23119763	1373
9246055	116	11114073	153	13040096	103A	18341300	519	23114157	107	23115094	506	23119796	1547
9248015	116	11114077	85	13040216	123A	18458117	123A	23114163	319P	23115098	125	23119862	4093B
9248055	116	11114088	399	13040229	109	18525200	126A	23114164	161	23115108	177	23119863	4013B
9248056	116	11114089	399	13040236	102A	18901105	123AP	23114165	107	23115109	177	23119877	1758
9340311	130	11114090	399	13040304	108	18901106	123AP	23114171	108	23115113	112	23119901	1545
9340311-D5514	130	11114091	399	13040313	123A	18901107	123AP	23114172	107	23115115	109	23119950	1236
9340388	159	11114092	375	13040317	123A	18901108	123AP	23114180	108	23115116	109	23119951	7483A
9340426A	709	11114093	399	13040337	103A + 102A (CP)	18901402 (EBC)	199	23114181	108	23115117	125	23119961	1135
9340924	743	11114096	399	13040347	131	18901403 (EBC)	108	23114185	108	23115118	125	23119966	1196
9341238	7378	11114103	107	13040349	131	18901606	108	23114200	124	23115120 (Diode)	177	23119971	1200
9341510	152	11114107	89	13040352	102A	18901807	108	23114208	162	23115121 (Rectifier)	125	23119978	1236
9341767	159	11114112	375	13040357	123A	18901807	108	23114211	102A	23115122	112	23119981	1128
9341834	123	11114113	233A	13040362	108	18911202	159	23114212	123A	23115129	109	23119988	1133
9341899	159	11114119	85	13040421	108	19020065	152	23114214	123A	23115130	125	23119989	1134
9342291	159	11114127	377#	13040429	129	19020095	130	23114216	199	23115131	506	23119990	1128
9342699	719	11115001	116	13040456	158	19080002	116	23114217	199	23115140	116	23119993	1130
9343650	805	11115002	116	13040459	116(2)	19086613	9961	23114220	171	23115142	116	23119994	11325
9345349	38A	11115003	116	13050221	199	19901403	159	23114221	175	23115145	506	23119995	1131
9347173	294	11115004	5013A	13053605	199	19901503	159	23114232	128	23115146	506	23119999	748A
9524101	294	11115017	177	13053607	199	19901606	229	23114238	107	23115157	502	23124037	108
9528353	5018A	11115020	125	13069306	199	19901807	229	23115248	198	23115168	137A	23126183	161
9528394	290A	11115024	55A	13069321	199	19901808	229	23115249	171	23115185	116	23126289	107
9528452	5019A	11115025	177	13073525	289A	19901809	108	23115250	171	23115189	5019A	23126290	107
9528467	85	11115026	177	13083908	123A	20001786-134	109	23115251	171	23115192	506	23126291	107
9528473	85	11115029	109	13093003	107	20001786-139	114	23115253	152	23115194	177	23126577	112
9528525	519	11115030	142A	13093004	107	20001786-141	116	23115254	152	23115199	116	23126620	107
9528624	290A	11115035	55A	13093005	107	20001786-142	116	23115255	123A	23115215	504	23126622	612
9528628	85	11115036	552	13094517	199	20025153-77	123A	23115258	199	23115249	177	2320596-1	128
9528638	5072A	11115061	5005A	13104367	123A	20030703-0701	123A	23115259	289A	23115250	116	23225889	552
9528639	5017A	11115062	110A	13104560	128	20030703-0702	159	23115260	289A	23115263	116	23311006	104
9528640	85	11115063	552	13104561	129	20052600	123A	23115261	289A	23115273	116	23311068	121
9528644	455	11115064	5013A	13158621	467	20088308	199	23115262	290A	23115277	5072A	23576100	1083
9528645	229	11115065	552	13214051	5995	20115070	199	23115266	198	23115285	177	23908982	138A
9528654	85	11115066	156	13217724	102	20130109	125	23115268	124	23115285 (AFC)	178MP	24501000	123A
9528658	85	11116191	5547	13217732	102	20278600	123A	23115272	123A	23115292	5081A	24539800	159
9528673	85	11119023	712	13437377	102	20912578-1	176	23115276	123A	23115294	116	24551302	128
9528677	172A	11119024	1615	13447321	102	20918596-2	121	23115277	124	23115296	125	24553500	519
9528711	612	11119025	1620	14001376-01	5697	22114210	192	23115280	229	23115298	506	24553501	519
9528716	382	11119026	1607	14001376-02	5697	22114225	186	23115282	229	23115300	116	24553600	123A
9528717	519	11119027	1234	14001376-03	5697	22114253	159	23115293	290A	23115321	513	24561601-E	5995
9528722	5010A	11119030	1465	14022601	7474	22114254	187	23115296	123A	23115328	5081A	24561602-E	5995
9533315	121A	11119032	1409	14317184	181	22115181	109	23115297	289A	23115331	177	24561603	5995
9533316	285	11119033	102	14317184	181	22115182	109	23115300	159	23115334	513	24561604-E	5995
9533335	1286	11159860	519	14500001-001	9946	22115183	116	23115301	159	23115337	116	24562000	123A
9533336	1170	11166527	130	14500001-002	9949	22115192	109	23115302	159	23115338	506	24562001	123A
9533354	123A	11166535	128	14500001-003	9963	22115405	116	23115339	193	23115368	5074A	24562100	123
9533385	1370	11176337	177	14500001-004	9961	22115409	128	23115340	192	23115374	5072A	24562101	123A
9533423	1495	11194628	181	14500004-001D	9936	22692012	177	23115341	124	23115377	506	24562200	123A
9533424	788	11198132	123A	14500004-001P	9936	22692017	601	23115342	162	23115455	5116A	24562300	159
9739636-20	116	11200167/825	109	14500004-002	9937	22901513	108	23115343	165	23115532	116	24733362	129
10000020	123A	11210024/7825	116	14500004-003	9935	22901513	108	23115344	198	23115535	109	24747123	74156
10015595	123A	11220009/7825	102A	14500005-001	9944	22920206	108	23115345	238	23115536	5029A	25114101	102A
10017663	102	11220018/7811	102A	14500016-002	941D	23109992	138A	23115346	159	23115549	580	25114102	102A
10022104-101	123A	11220022/7611	102A	14500016-002	941M	23111006	121	23115347	165	23115555	116	25114103	102A
10027973-101	107	11220022/7611	102A	14500022-001	123	23114001	108	23115348	198	23115561	5013A	25114104	102A
10041284-101	519	11220061/7825	158	14628601	124	23114004	127	23115349	289A	23115565	5013A	25114105	102A
10041285-101	177	11220076/7825	102A	14714661	519	23114007	154	23115350	199	23115569	558	25114116	123A
10106058	123A	11220106/7611	158	14714703	519	23114009	127	23115351	199	23115574	5013A	25114121	123A
10112562	159	11220106/7611	158	14714729	5995	23114011	121	23115352	217	23115577	116	25114130	154
10112563	9900	11233335	175	14714760	123A	23114015 (Hor Osc)	289A	23115353	3033	23115580	3033	25114143	124
10176209	9914	11242096	909	14714786	123A	23114017	289A	23115354	85	23115581	177	25114161	108
10180316	177	11253448	128	14734248	909	23114017	289A	23115355	293	23115582	615A	25115102	109
10180722	123A	11253588	9912	14735521	154	23114021	102A	23115356	294	23115583	5025A	25115108	116
10182330	159	11268821	519	14736221	159	23114022	108	23115357	89	23115584	5082A	25115115	116
10183001	199	11290111	177	14769302	505	23114026	127	23115358	85	23115585	552	25175800	519
10541284	9910	11292312	74H00	14798029	159	23114028	154	23115359	328	23115589	552	26004001	123A
10541285	9931	11292313	74H40	15038433	123A	23114031	108	23115360	86	23115597	177	26004301	159
105455													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
26501505	123	30300431	293	37009010	1550	43027615	108	50220601	175	57299720	105	62258942	5019A
26615401	943M	30300541	32	37051036	4066B	43027616	108	50220602	175	59700278	123A	62260408	123
27113100	116	30400021	912	37051100	4030B	43027617	108	50221300-01	175	61260039	126A	62278566	129
27113004	110	30400103	457	37051137	4053B	43027618	106	50221400-01	218	61260039A	126A	62279664	159
27123050	116	30400131	312			43027619	106	50221800	152	62069616	109	62290755	116
27123070	116	30600010	109	37246602	177	43027620	123A	50221800-01	152	62013559	102A	62371566	121
27123100	116	30600011	109	37246711	177	43027722	159	50251300	941	62018526	102A	62372540	121
27123100A	116	30600020	109	37275300	177	43027987	152	50254200	7406	62020911	5804	62379995	123A
27123120	116	30600040	116	37568200	506	4302937A	915	50254400	915	62034276	160	62380004	160
27123150	109	30600140	142A	37568250	506	4302938A	260	50254600	74500	62034297	112	62380020	102
27123220	116	30600410	519	37568800	116	43029471	233	50254700	74510	62034327	102A	62381620	110MP
27123240	109	30600580	612	37582000	506	43029472	233	50254900	74520	62041528	102A	62383976	703
27123270	109	30600650	501A	37901038	1510	43029483	199	50255000	745113	62041536	102A	62389478	185
27123290	116(2)	30600691	5013A	37901040	146A	43029484	297	51003059	923	62042575	126A	62389486	184
27125080	123A	30600871	116	37901042	1281	43029485	298	51003092	123A	62042583	123	62389494	128
27125090	123A	30600891	5023A	37902021	1488	43029486	300	51003108	123A	62042591	102A	62389699	123A
27125110	102A	30600981	5315	37902023	1214	43029710	196	51003108	159	62042648	160	62389702	159
27125120	102A	30601001	5021A	38005003	601	43029832	172A	51003108A02	718	62042656	160	62390174	142A
27125140	123A	30601271	519	38005003	601	43031282	199	51122011	102A	62042664	160	62390174	153
27125150	123A	30601691	519	38005003	123A	43033345	199	51122245	123A	62043679	160	62393688	159
27125160	123A	30677435-001	909	38126500	941	43040313	128	51122870	128	62043695	160	62393696	129
27125170	158	37125170-001	234	40126511	746A	43122874	726	51122880	128	62044888	126A	62438096	159
27125210	108	30900310	1217	40306401	749	43126551	722	51122880	175	62045035	310	62468211	177
27125230	126A	30900361	778A	40306604	1109	43126551-A	722	51122880	130	62045280	5012A	62502704	126
27125240	100	30900363	778A	40760211-002	5695	43128071	801	51161325	159	62045531	102A	62506288	159
27125250	123A	30900380	788	40760211-P2	5695	43129341	788	51310000	9932	62045612	5018A	62506296	108
27125260	102A	30900400	1214	41020618	116	43129350	788	51310001	9933	62045630	102A	62506318	108
27125270	123A	31210049-00	160	41020618	116	43129350	788	51310002	9936	62045630	120	62506334	123A
27125300	123A	31210077-44	160	41020687	156	43131243	4016B	51310003	9944	62046406	160	62506350	123A
27125310	103A	31210240-33	160	41021007	116	43132954	972	51310004	9946	62046414	160	62506377	123A
27125330	102A	31210240-44	160	41023224	116	43132955	971	51310005	9948	62046422	160	62522666	136A
27125340	102A	31210340-11	160	41023225	116	43134371	4016B	51310006	9962	62047119	116	62522674	116
27125350	102A	31210506-11	160	41025773	125	43134372	74C04	51310007	9962	62047119	116	62522674	116
27125360	102A	31210506-22	160	41025849	116	43134374	74C04	51320000	7400	62047364	126A	62522704	120
27125370	123A	31220054-00	102A	41027063	116	43134671	4016B	51320001	7402	62047895	125	62522712	506
27125380	123A	32510001	116	41027612	109	43200103	109	51320002	7404	62048158	108	62522720	177
27125460	123A	32600025-01-08A	123A	41027613	109	43200203	109	51320003	7404	62048200	102A	62522739	116
27125470	123A	34002412	903	41027991	125	43500501	5016A	51320004	7420	62049219	102A	62522739	116
27125480	158	34002412-3	903	41027992	109	43540012	116	51320005	7440	62049219	126A	62530913	126A
27125490	103A	34621786-1	519	41029009	109	43600101	116	51320006	74170	62049774	126A	62537124	108
27125500	123A	35003516	290A	41029089	125	44007301	108	51320008	7472	62050217	101	62537140	123A
27125540	176	35024712	197	41029290	109	44008401	108	51320009	7403	62050217	101	62539283	123A
27125550	102A	35024812	292	41029498	5084A	44011001	123A	51320010	7426	62051307	506	62539283	123A
27126060	131 + 155(CE)	35026712	254	41029499	116	44079004	199	51320011	7430	62051450	127	62539305	108
27126090	121	35047216	85	41030618	156	44089001	107	51320012	7400	62051493	154	62539313	106
27126100	130	35050411	198	41520419	116	44090004	108	51320016	7451	62051509	104	62539321	108
27126130	121	35050412	198	41522875	110MP	44211001	158	51320017	7451	62051509	104	62539321	108
27126130(Transistor)	121	35053212	85	41527380	109	44360001	186A	51320018	7486	62052791	116	62539348	161
27126130-12	121	35062712	198	41529814	110MP	46156741 P1	941	51330005	7408	62052821	126A	62541555	5081A
27126220	108	35063412	375	41622859	177	46156741 P2	941D	51565600 VF	123A	62052848	126A	62543299	109
28100812-001	177	35065911	293	41624836	109	48134866	123A	51577500	9930	62054212	121MP	62543892	108
28101149	234	35120718(SGD)	458	41629338	177	48134842	123A	51577600	9932	62054298	128	62543906	108
28101218-002	199	35393060-01	123A	42020200	140A	48137195A	159	51577700	9933	62054336	102	62543906	108
28101228-004	199	35393060-02	123A	42020414	140A	4820130-00385	131 + 155(CE)	51577800	9944	62057957	102A	62562226	116
28101263-001	177	35393060-03	123A	42020737	140A	48669715	181	51577900	9946	62078502	102	62562625	506
28105203-001	152	35500295-1002	1750	42023425	143A	48900456A16	5011A	51578000	9948	62081579	121	62563265	159
28105203-002	152	35800206	91	42024925	5071A	50200010	519	51578100	9982	62084103	121	62563273	199
28105207-001	234	35900306	45	42027065	5188A	50210104	123A	51581300	123A	62084200	121MP	62563281	199
28105249-001	153	35901207	93	42027092	5075A	50210300-00	123A	51624200	9944	62084936	121	62563303	108
28105789-001	199	35901805	41	42028106	144A	50210300-00 VF	123A	51631000	519	62084960	123A	62563309	154
29004423	947	35901806	91	42029566	143A	50210300-01	123A	51715100	910D	62085053	116	62563311	159
30000010	126A	35920918	374	42031258	138A	50210300-01 VF	123A	51717000	9094	62087025	126A	62563346	108
30000021	102A	35922902	381	42031260	5079A	50210300-10	123A	51717100	9097	62087447	116	62563354	108
30000425	290A	35940106	42	42032820	147A	50210310-10	123A	51720020	185	62087498	102A	62563362	123A
30000451	234	35940206	90 9F	42132947	5304	50210310-10 VF	123A	51753300	910	62087599	105	62563370	124
30000491	374	35940312	107	43020418	121MP	50210310-11	123A	52335500	7495	62087605	103A	62564490	5071A
30000501	398	35944012	399	43020731	128	50210400-00	159	52335600	74H04	62087617	101	62564504	142A
30000581	281	35944402	85	43021017	123A	50210400-00 VF	159	52335600HL	74H04	62087633	121	62564520	506
30000621	290A	35944502	107	43021067	107	50210400-01	159	52335700	74H20	62087641	160	62564539	177
30000681	290A	35947405	90	43021083	123A	50210400-01 VF	159	52335800	74H50	62087668	160(2)	62565122	108
30000683	290A	35947406	90	43021168	129	50210510	123A	52335800HL	74H50	62087684	100	62565160	161
30000741(CEB)	288	35960706	382	43021198	128	50210600-00 VF	159	52335900	74H74	62088502	102	62565963	159
30100041	383	35960918	373	43021415	128	50210600-01	159	52335900HL	74H74	62094613	109	62566369	159
30100044	383(2)	35963111	291	43022055	160	50210600-01 VF	159	53015201	156	62103264	116	62573741	130MP
30100081	374	35963112	291	43022134	312	50210600-03	159	54967774-P5	102	62103272	116	62590661	159
30100111	285	35964202	380	43022458	159	50210610-10	159	55310007-115	139A	62104678	108	62593660	129
30100141	88	35990627	451	43022577	121	50210610-13	159	55330007-001	507	62104759	128	62593687	123A

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62695927	107	66440021-00	OBS-NLA	87100605	109	120004497	108	300319022	125(2)	610279001	74151	860050882	121MP
62695943	108	67263700	128	87140200	110	120004480	108	300319023	125(2)	610280001	74151	860050902	121MP
62695751	107	70190203	128	87201881	109	120004481	116	300319024	5804	610286000	7406	860050912	100
62700122	102(2)	70119041	1268	87204260	109	120004482	108	300319028	5804	610555001	2302	860050932	123A
62707666	160	70119062	4011B	87219410	116	120004883	123A	300319032	5313	610555002	2302	860050952	457
62711205	193	70119063	4028B	87227880	177	120004884	195A	300319126	116	612247000	1760	860050962	457
62711728	102A	70206504	4053B	87227881	177	120004885	224	301001135	374#	612353001	1380	860050972	289A
62711914	128	70260450	107	87302650	177	120004886	224	301001142	288	612353002	1380	860050982	326
62713747	108	70260540	139A	87400020	116	120004887	121	301001143	398	612353003	1380	860050992	289A
62713755	102	70270050	116	87500620	110MP	130050036	761#	301001145	91	632000001	186A	860051002	184
62714832	160	70270250	177	87500720	116	130050037	761#	301001160	37	632000002	235	860051012	390
62723645	160	70270380	116	87500920	139A	130050076	761#	301001161	37	632037210	123A	860051022	152
62727128	192	70270500	5401	87600920	139A	130050116	2040	301001162	37	632037218	123A	860051032	289A
62727772	116	70270500	5444	87960010	614	130050146	829	301101124	294	632037300	199	860051042	159
62728574	103	70270720	116	87996440	177	130050156	912	301201115	85	632037318	186A	860051052	172A
62728590	160(2)	70270730	105A	87996441	177	130050166	2040	301201117	89	632039418	186A	860051062	172A
62728604	123A	70270740	105A	87996442	123A	130050186	941M	301201132	293	632049518	159	860051072	159
62733942	123A	70270750	116	88941008	128	130050196	902	301201134	199	632073318	199	860051082	152
62734450	153	71773660	110MP	89942601	123A	130050206	923	301201146	399	632073510	289A	860051092	128
62734469	712	72035900	159	89942702	229	130050376	7442	301201150	373#	632108612	199	860051102	289A
62734596	196	72045600	9110B	89942703	229	130050386	7400	301201155	289A	632122617	186A	860051112	123AP
62734604	163A	72045600	9110B	89942704	229	130050396	7476	301201157	90	632130619	235	860051122	130
62734612	123A	73010780	5072A	89962306	123A	130050406	7402	301201163	107	632195719	295	860051132	121MP
62734639	154	73181260-10	HIDV-4	89962307	123A	130050416	7404	301201164	399	632197406	235	860051142	289A
62734647	192	74140226-001	130	89962308	123A	130050426	7410	301201165	375	633056439	289A	860051152	192A
62734655	233	74140226-002	130	89962309	123A	130050436	7475	301201169	196	640000002	192	860051162	192A
62734683	123A	74140226-003	130	89962404	123A	130050446	74121	301201170	56	640000003	1232	860051172	289A
62734671	152	75857322	123A	89963008	123A	130050466	4013B	301201171	90	661000001	601	860051182	289A
62734728	506	76114077	235	89963009	123A	130050496	955M	301201192	36	720020900	6113	860051192	192A
62736283	749	76276722	116	90042702	229	130050606	987	301201193	36	860040432	121MP	860051222	457
62736291	736	79391858	100B	90042703	229	130050616	201#	301201200	196	860050002	102	860051232	159
62736305	783	80000900	358	90200100	543	130050656	997	301301134	293	860050012	100	860051242	159
62736976	121	80001300	116	90270020	543	130050676	4011B	302001112(GSD)	451	860050013	116	860051252	121
62737395	171	80001400	116	90270060	116	130050696	2043	302001113	458	860050021	289A	860051262	326
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62737425	130	80050300	103A	91013300	941B	130050736	4001B	303452152	778A	860050033	116	860051322	289A
62737433	159	80050400	160	91013600	941B	130050766	2043	303452156	788A	860050042	101	860051332	159
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62737468	159	80050600	129	91015300	947	130050866	902	303452188	1515	860050051	289A	860051352	289A
62737476	123A	80050700	129	91056140	159	130050906	960	303452189	951	860050052	101	860051362	289A
62737484	123A	80051001	130	91190032	116	130050916	962	303452192	1666	860050062	102	860051392	187A
62737492	123A	80051500	123A	92005600	102A	130050926	964	303452195	1104	860050063	116	860051402	289A
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62743182	152	80052700	129	93064450	199	130051256	741S367	312104733	160	860050123	116	860051532	159
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62744081	199	80053001	123A	93073350	128	130160006	2040	320010430	506	860050152	101	860051562	291
62744182	116	80053340	152	93073440	159	131000561	128	346190001	128	860050153	177	860051572	289A
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62748273	161	80053700	130MP	93082840	123A	131005372	128	402003173	117A	860050182	101	860051722	129
62748281	199	80104900	126A	93082920	107	131005808	129	410000733P	290A	860050233	5944	860051762	292
62748451	171	80105200	126A	93094502	123A	134804204-101	116	410000733Q	290A	860050262	101	860051782	261
62749067	116	80105300	126A	93097120	128	134804290-101	121	41002945K	85	860050263	140A	860051792	262
62749558	116	80146620	160	93938040	123A	134804596-301	116	41002945P	85	860050272	100	860051802	287
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To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
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2002800047	987	2004060858	159	2009120158	116	4100209453	199	4120100900	109	4202028100	506	4800155452	16
2002800052	987	2004060864	159	2009120187	116	4100213354	199	4120100900	109	4202028200	506	4800155453	16
2002800133	943M	2004067350	290A	2009120209	116	4100213421	107	4120100900	109	4202028300	506	4800155454	16
2002800146	943M	2004073315	290A	2009120224	552	4100213422	229	4120100900	109	4202028400	506	4800155455	16
2002900042	2074	2004073322	290A	2009120241	125	4100213591	85	4120100900	109	4202028500	506	4800155456	16
2003028813	65	2004073336	290A	2009120262	552	4100217172	289A	4120100900	109	4202028600	506	4800155457	16
2003037227	123A	2004073354	290A	2009130017	125	4100218415	90	412010090					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
5302390011	125	5302850001	3017	6101460005	194	6104349001(CBE)	159	6105441001	229	6123630004	852	6190100630	290A
5302390019	5010A	5302870001	3043	6101480002	123AP	6104350001(CBE)	123AP	6105450001	128P	6123630005	852	6190100640	291
5302390021	552	5302900001	558	6101480003	134	6104350002(CBE)	123AP	6105460001	129P	6123630006	852	6190100650	292
5302390022	116	5302900002	558	6101480004	194	6104350003(CBE)	123AP	6105462001	129P	6123700002	1580	6190100660	293
5302390023	116	5302910001	500A	6101480005	152	6104352001(CBE)	123AP	6105470001	288	6123701001	1580	6190100670	294
5302390024	552	5302910002	522	6101480006	152	6104352002(CBE)	123AP	6105480001	379	6123702001	74LS2	6190100680	295
5302390025	552	5302910003	522	6101480007	152	6104353001(CBE)	123AP	6105490001	31	6123703001	1068B	6190100690	296
5302390026	552	5302910004	522	6101480008	153	6104353002(CBE)	123AP	6105500001	31	6123704001	4068B	6190100700	297
5302390027	515	5302910005	522	6101480009	152	6104370001	287	6105530001	32	6123800001	74LS174	6190100710	298
5302390028	525	5302910006	522	6101480010	152	6104380001(CEB)	187A	6105540001	399	6123850001	74LS42	6190100720	299
5302390029	5022A	5303000001	3041	6101500001	123AP	6104400023	552	6105550001	253	6123900001	4081B	6190100730	300
5302390031	5161A	5303020002	5011T1	6101500002	123AP	6104400031	2356	6105560001	216	6123950001	40161B	6190100740	301
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5302390124	586	5303050001	580	6101620003	50	6104420001	319P	6110140004	5400	6124180004	2206	6190100790	306
5302390155	586	5303050002	580	6101620005	153	6104420003	319P	6110140005	5400	6124190001	2204	6190100800	307
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5302491629	5013T1	5303060002	5804	6102030007	222	6104500001	123AP	6110140010	5404	6124300003	1416	6190100850	312
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5302511002	519	5303060004	5808	6102123001	128	6104510002	159	6110150001	5404	6124450001	1632	6190100870	314
5302511003	177	5303060005	5809	6102123002	159	6104510003	159	6110160001	5351	6124451001	1832	6190100880	315
5302511004	177	5303100001	580	6102230001	159	6104530001	455	6110160002	5424	6124490001	1752	6190100890	316
5302531001	5099A	5303100002	580	6102240001	123AP	6104550001	153	6110161002	5424	6124500001	1762	6190100900	317
5302531005	140A	5303100003	580	6102249001	123AP	6104560002	123AP	6110180001	5466	6124500002	1761	6190100910	318
5302531006	5079A	5303101003	580	6102260001(EB)	199	6104570001	152	6110180002	5466	6124550001	74LS14	6190100920	319
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5302541003	5029A	5303130011	523/3306	6102280002	49	6104631002	238	6110191007	966	6124790005	972	6190101020	329
5302541004	5031A	5303130012	523/3306	6102280003	49	6104631003	238	6110191008	966	6124790006	972	6190101030	330
5302541005	5048A	5303130013	523/3306	6102280004	49	6104631004	238	6110191009	966	6124790007	972	6190101040	331
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5302541033	5052A	5303130041	523/3306	6102280032	49	6104631032	238	6110191037	966	6124790035	972	6190101320	359
5302541034	5052A	5303130042	523/3306	6102280033	49	6104631033	238	6110191038	966	6124790036</			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
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6621003000	238	16101191173	152	134882095304	116	134882466827	506	2035525157089	199	A061-108	107	A03004	5638
6621003100	123A	16102106853	123A	134882137801	5192A	134882466828	506	2035525157109	199	A061-109	107	A04021	358
6621003200	123A	16102109303	123A	134882137802	5200A	13488273230	5944	2035525157170	199	A061-110	126A	A-04049-B	116
6621003201	287	16102109303	123A	134882137803	5232A	134882921701	109	2035550093040	107	A061-111	126A	A04049B	116
6621003400	123A	16102109303	186	134882137804	5174AK	134882921702	109	2035685040050	382	A061-112	107	A04091A	116
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6621003501	128	16103106853	108	134882137806	5186A	134882921705	109	2035690040050	293	A061-115	102A	A04092	116
6621003502	85	16103109303	107	134882137807	5224A	134883461501	5075A	2035690040060	293	A061-116	131	A-04092	116
6621003601	85	16103109303	107	134882137808	5186A	134883461502	5022A	2035694054540	293	A061-118	116	A04092A	116
6621003701	287	16104190828	85	134882137809	5229A	134883461503	5066A	2035720060860	159	A061-119	139A	A-04092-B	116
6621003702	399	16104190930	107	134882137810	109	134883461504	5093A	203572008050(EOB)	159	A065-101	116	A04092B	116
6621003704	399	16104191168	123A	134882137811	109	134883461505	5070A	203572008050(EOB)	152	A065-102	123A	A04093	116
6621004000	319P	16104191225	108	134882178101	109	134883461506	5096A	2035862032550	152	A065-103	123A	A-04093	116
6621005000	85	16104191226	108	134882178102	109	134883461507	5075A	2055904044210	177	A065-104	123A	A04093A	506
6621005001	85	16105190536	123A	134882178103	109	134883461508	147A	2065008120113	1003	A065-105	158	A04093-A	506
6621005003	285	16105190536	85	134882178104	109	134883461509	5030A	2065008120113	1003	A065-106	100A	A04093A	116
6621006200	285	16105190536	128	134882178105	109	134883461510	5010A	2065074335011	1217	A065-108	123A	A04093-X	506
6621007200	152	16106190536	85	134882178106	109	134883461511	5082A	2065101442010	1211	A065-109	123A	A04093X	506
6621008100	289A	16106190537	123A	134882178107	109	134883461512	146A	2065234141610	1512	A065-110	123A	A04166-2	145A
6621009100	233	16108190536	199	134882178108	109	134883461513	5068A	2065643043710	1219	A065-111	131	A04201	312
6621009600	299	16108190536	128	134882178110	109	134883461514	5067A	3535110500009	804	A065-112	158	A04201(JVC)	113A
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6621014601	399	16109209536	123A	134882178112	109	134883461516	5095A	20252300018101	116	A066-12	177	A04210-A	166
6621015602	399	16112190710	107	134882178113	109	134883461517	5001A	20252300017101	116	A066-109	123A	A-04212-A	116
6621016000	289A	16116190634	123A	134882256301	5013A	134883461518	5027A	A00	7400	A066-110	312	A04212-A	125
6621016100	289A	16117191229	123A	134882256302	5014A	134883461519	5067A	A01	177	A066-111	229	A04212A	116
6622000100	128	1615319045	85	134882256303	5009A	134883461520	146A	A01(Transistor)	160	A066-112	123A	A-04212-B	116
6622000200	175	16156197229	128	134882256305	5045A	134883461521	5129A	A01(Motorola)	177	A066-113	159	A04212-B	116
6622000300	123AP	16171190693	123A	134882256306	141A	134883461522	5029A	A02	177	A066-113A	159	A04212B	116
6622005400	375	16171190858	123A	134882256307	5009A	134883461523	5010A	A02(I.C.)	7403	A066-113AB	159	A04226	116(3)
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6623001902	290A	16172190858	123A	134882256310	144A	134883461526	5031A	A04	116	A066-116	195A	A04230-A	506
6623002000	290A	16201190022	102A	134882256311	5019A	134883461527	5012A	A04(I.C.)	7405	A066-117	237	A04231-A	166
6623002003	290A	16201190187	158	134882256312	5011A	134883461528	5141A	A04A	A40240	A066-118	159	A04233	116
6623002026	290A	16204190457	158	134882256313	5023A	134883461530	148A	A04B	A40240	A066-118A	159	A04234-2	139A
6623002100	290A	16204190514	153	134882256314	5024A	134883461531	5022A	A05	116	A066-119(Silicon)	177	A04241-A	506
6623002200	290A	16204190632	185	134882256315	5010A	134883461532	5016A	A05(I.C.)	7410	A066-119(1S1555)	177	A-04242	116
6623002300	290A	16207190405	158	134882256316	5016A	134883461533	5027A	A05G	552	A066-119(Germanium)	109	A04242	116
6623002304	290A	16211190022	158	134882256317	5021A	134883461534	5117A	A06	116	A066-120	109	A04284-A	166
6623002700	398	16212190022	158	134882256318	5018A	134883461535	5137A	A06(I.C.)	7420	A066-121	109	A04294	506
6623002801	290A	16256197228	129	134882256319	5014A	134883461536	137A	A06-1-12	123A	A066-122	143A	A04294-1	506
6623002802	290A	16304190031	302	134882256320	5033A	134883461537	5077A	A07	109	A066-124	116	A04299-201	502
6624001100	129	16304190400	382	134882256321	146A	134883461538	136A	A08	506	A066-125	904	A04299-202	503
6624002000	159	16304190439	373	134882256322	139A	134883461539	5135A	A08(I.C.)	7430	A066-133	123A	A04299-251	503
6624003100	153	16304191350	199	134882256323	5014A	134883461540	5010A	A08A	130	A066-143	199	A04331-021	116
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6631000200	6402	16304198000	195A	134882256328	140A	134883461543	5006A	A08B	A40240	A068-100	116	A04332-007	138A
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6644001500	1133	16401190188	109	134882256335	135A	134883754006	5455	A054-114	123A	A068-108	123A	A04731	116
6644001700	1131	16405990022	177	134882256336	5083A	134884461544	5115A	A054-115	123A	A068-109	159	A04735-A	118
6644001800	1132S	16411190188	109	134882256337	5071A	202530001710	116(2)	A054-142	220	A068-109A	159	A-04901A	116
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6644004300	1196	16415490000	109	134882256340	140A	301710840401	530	A054-151	142A	A068-113	123A	A042313	116
6644004400	1004	16419990032	109	134882256342	5082A	301710840402	530	A054-154	130	A068-114	175	A072133-001	767S
6644012500	1545	16461992473	177	134882256343	139A	3017204040170	121MP	A054-155	123A	A069-101	107	A0311400	1128
6644012600	1532	16501900016	116	134882256344	5015A	301720490000	123A	A054-156	128	A069-102	107	A0847905	89
6644012700	1496	16501190016	116	134882256345	5017A	301720490001	123A	A054-157	108	A069-102/103	123A	A184-5	123A
8001100010	519	16505090005	116	134882256346	5067A	301720490002	123A	A054-158	108	A069-103	107	A1-3	126A
8001100003	519	16512390001	125	134882256347	5014A	301720490006	185	A054-159	108	A069-104	123A	A1-100-263-001	181
8001100005	177	16515991002	116	134882256348	5022A	301720490007	121	A054-160	128	A069-104/106	123A	A1-100-263-002	181
8001200001	123A	16516390010	117A	134882256349	5031A	301720490008	108	A054-163	108	A069-105	102A	A1-101-420-015	5072A
8001200004	128	16522375242	116(2)	134882256350	5022A	301720490100	123A	A054-164	108	A069-106	123A	A1A	154
8905513017	109	16522375243	116(2)	134882256351	135A	301720490150	123A	A054-165	703	A069-107	108	A1A1	116
8905405817	116	1660190008											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
A1-DHZ-LAA-038	5096A	A1-TSS-POO-044	286	A2U	124	A4E	107	A5T929	123AP	A6D5	156	A7S6011H	610
A1-DHZ-LAA-040	145A	A1-TSS-POO-046	129	A2V	108	A4E1	116	A5T930	123AP	A6D9	156	A7S6011T	610
A1-DHZ-LAA-041	140A	A1-TSS-POO-052	102	A2W	108	A4E5	116	A5T2192	128	A6E	108	A7S6013H	611
A1-DHZ-LAA-042	145A	A1-TSS-POO-066	281	A2Y	107	A4E-5	108	A5T2193	128	A6E1	108	A7S6013T	611
A1-DHZ-LAA-043	5120A	A1-TSS-PP0-007	185	A2Z	154	A4E9	116	A5T2222	123A	A6E5	156	A7S6014H	612
A1-DHZ-LAA-045	5088A	A1-TSS-PP0-015	129	A-3	596	A4F	199	A5T2222A	128	A6E9	156	A7S6017T	613
A1-DHZ-LAA-049	5080A	A1-TSS-PP0-016	159	A3A	108	A4F1	116	A5T2243	282S	A6F	108	A7T	123A
A1-DHZ-LAA-050	5138A	A1-TSS-PP0-017	129	A3A1	116	A4F5	116	A5T2484	128	A6F1	156	A7T3391	289A
A1-DHZ-LAA-055	137A	A1-TSS-PP0-018	129	A3A3	116	A4F9	116	A5T2604	159	A6F5	156	A7T3391A	289A
A1-DHZ-LAA-056	136A	A1-TSS-PP0-019	197	A3A5	116	A4G	108	A5T2605	159	A6F9	156	A7T3392	289A
A1-DHZ-LAA-057	5128A	A1-TSS-SND-321	195A	A3A9	116	A4G1	116	A5T2907	159	A6G	188	A7T5172	289A
A1-DHZ-LAA-058	139A	A1-TSS-SND-440	396	A3B1	116	A4G5	116	A5T2907A	159	A6G1	156	A7T6027	6402
A1-DHZ-LAA-060	5130A	A1-TSS-SNM-222	123A	A3B3	116	A4G9	116	A5T3391	123AP	A6G5	156	A7T6028	6402
A1-DHZ-LAA-061	5150A	A1-TSS-SNM-223	102A	A3B5	116	A4H	154	A5T3391A	123AP	A6G9	156	A7U	108
A1-DHZ-LAA-062	137A	A1-TSS-SNR-400	123AP	A3B9	116	A4H1	125	A5T3392	123AP	A6H	123AP	A7V	108
A1-DHZ-LAA-063	5075A	A1-TSS-SNR-403	123AP	A3C	108	A4H5	125	A5T3496	159	A6H1	156	A7W	108
A1-DHZ-LAA-066	138A	A1-TSS-SPD-234	129	A3C1	116	A4H9	125	A5T3497	397	A6H5	156	A7Y	123A
A1-DHZ-SAA-001	5188A	A1-TSS-SPD-415	397	A3C3	116	A4I7014	181	A5T3504	159	A6H9	156	A7Z	184
A1D1	163A	A1-TSS-SPM-907	159	A3C5	116	A4J	130	A5T3505	159	A6HD	123A	A8-1	160
A1DJ	163A	A1-TSS-SPM-001	159	A3C9	116	A4J BLK	130	A5T3565	123AP	A6J	123A	A8-1-70	160
A1E	108	A1-TSS-SPR-001	159	A3D	108	A4J RED	130	A5T3571	278	A6K	123A	A8-1-70-1	160
A1E1	116	A1-TSS-WU4-990	6404	A3D1	116	A4JBRN	130	A5T3572	278	A6K1	156	A8-1-70-12	160
A1E5	116	A1-TSU-NOO-002	6402	A3D3	116	A4JD3B1	101	A5T3638	159	A6K5	156	A8-1-70-12-7	160
A1E9	116	A1U	161	A3D5	116	A4JRED	130	A5T3638A	159	A6K9	156	A8-1A	160
A1F	123A	A1U(Last IF)	233	A3D9	116	A4JRED-1	130	A5T3644	159	A6L	130	A8-1A0	160
A1F1	116	A1U(3rdIF)	233	A3E	123A	A4JX2A822	103A	A5T3645	159	A6BLK	130	A8-1A0R	160
A1F5	116	A1V	123A	A3E1	116	A4K	184	A5T3707	123AP	A6BLK-1	130	A8-1A1	160
A1F9	116	A1V6	123A	A3E3	123A	A4K1	125	A5T3708	123AP	A6BRN	130	A8-1A2	160
A1G	107	A1W	123A	A3E5	116	A4K5	125	A5T3709	123AP	A6BRN-1	130	A8-1A3	160
A1G-1	107	A1Y	175	A3E9	116	A4K9	125	A5T3710	123AP	A6LRED	130	A8-1A3P	160
A1G1	116	A1Z	233	A3F	123A	A4L	103A	A5T3711	123AP	A6LRED-1	130	A8-1A4	160
A1G-1A	108	A-1.5-01	116	A3F1	116	A4M	123A	A5T3798	159	A6M	163A	A8-1A4-7	160
A1G5	116	A2A	154	A3F3	116	A4M1	125	A5T3821	457	A6M1	156	A8-1A-4-7B	160
A1G9	116	A2A1	116	A3F5	116	A4M5	125	A5T3903	123A	A6M5	156	A8-1A4-7B	160
A1H	123A	A2A4	116	A3F9	116	A4M9	125	A5T3904	123A	A6M9	156	A8-1A5	160
A1H(Motorola)	163A	A2A5	116	A3G	123A	A4N	130	A5T3905	159	A6N	130	A8-1A5L	160
A1H1	125	A2A9	116	A3G1	116	A4P	123A	A5T3906	159	A6N1	506	A8-1A6	160
A1H5	125	A2B	123A	A3G3	116	A4R	123A	A5T4026	383	A6N5	506	A8-1A6-4	160
A1H9	125	A2B1	116	A3G5	116	A4S	130	A5T4027	159	A6N-6	130	A8-1A7	160
A1-ICA-MAW-001	906	A2B4	116	A3G9	116	A4S-1	130	A5T4028	383	A6N9	506	A8-1A7-1	160
A1-ICA-MDL-002	987	A2B5	116	A3H	108	A4T	108	A5T4029	159	A6P	108	A8-1A8	160
A1-ICA-MDR-001	778A	A2B9	116	A3H-1	123A	A4U	123A	A5T4059	288	A6R	123A	A8-1A9	160
A1-ICA-MHN-001	941M	A2BRN	123A	A3H1	125	A4V	123A	A5T4060	288	A6S	123A	A8-1A9G	160
A1-ICA-MLE-004	909	A2C	108	A3H3	125	A4Y-1	107	A5T4123	123AP	A6T	108	A8-1A19	160
A1-ICA-MLR-008	941	A2C1	116	A3H5	125	A4Y-1A	108	A5T4124	123AP	A6T5222	123AP	A8-1A21	160
A1-ICC-AAL-002	834	A2C4	116	A3H9	125	A4Y-2	123A	A5T4125	159	A6U	108	A8-1A82	160
A1-ICD-CLM-002	74C14	A2C5	116	A3J	199	A4Z	130	A5T4126	159	A6V	107	A8-10	160
A1-ICD-HFL-001	9668	A2C9	116	A3K	199	A-5	595	A5T4248	159	A6V-5	108	A8-11	160
A1-ICT-MDL-001	978	A2D	108	A3K1	199	A5A	196	A5T4249	159	A6W	184	A8-12	160
A1-ICT-MLR-001	955M	A2D1	116	A3K3	125	A5A1	116	A5T4250	159	A6Y	190	A8-13	160
A1-ICV-RLG-005	960	A2D4	116	A3K5	125	A5A-1	184	A5T4402	159	A6Z	163A	A8-14	160
A1-ICV-RLG-006	960	A2D5	116	A3K9	125	A5A-1B	159	A5T4403	159	A6ZH	163A	A8-15	160
A1-ICV-RLG-024	972	A2D9	116	A3L	157	A5A-2	184	A5T4409	128	A7-12	130	A8-16	160
A1-ICV-RLG-005	923	A2E	130	A3L4-8001	116	A5A2	116	A5T4410	282S	A7-13	130	A8-17	160
A1-ICV-RLS-007	923D	A2E1	116	A3L4-8001-01	130	A5A-3	184	A5T5058	287	A7A	123A	A8-18	160
A1-ICY-RLG-004	967	A2E-2	130	A3M	154	A5A-4	184	A5T5059	287	A7A1	156	A8-19	160
A1J	123A	A2E4	116	A3M1	125	A5A5	116	A5T5086	159	A7A5	156	A8A	194
A1K	108	A2E5	116	A3M3	125	A5A-5	184	A5T5087	159	A7A9	156	A8B	123A
A1K1	125	A2E9	116	A3M5	125	A5A9	116	A5T5172	123AP	A7A30	108	A8C	195
A1K5	125	A2EBLK	130	A3M9	125	A5A-1B	152	A5T5209	128	A7A31	108	A8D	128
A1K9	125	A2EBRN	130	A3MA	154	A5B	128	A5T5210	128	A7A32	108	A8E	196
A1L	123A	A2EBRN-1	130	A3N	123A	A5B1	116	A5T5219	123AP	A7B	124	A8F	241
A1M	154	A2F	108	A3N71	108	A5B2	116	A5T5220	123AP	A7B5	156	A8G	123A
A1M-1	107	A2F1	116	A3N72	108	A5B5	116	A5T5221	159	A7B9	156	A8J	196
A1M1	125	A2F4	116	A3N73	108	A5B9	116	A5T5223	123AP	A7B (Motorola)	124	A8K	196
A1M5	125	A2F5	116	A3P	108	A5C	123A	A5T5225	123AP	A7C	116	A8L	123A
A1M9	125	A2F9	116	A3R	108	A5C1	116	A5T5226	116	A7C1	156	A8M	162
A1N	124	A2FGRN	123A	A3S	123AP	A5C2	116	A5T5400	397	A7C5	156	A8N	194
A1P	107	A2G	108	A3SB	108	A5C5	116	A5T5401	397	A7C7	130	A8P	190
A1P-1	107	A2G1	116	A3T	123A	A5C9	116	A5T5550	287	A7C9	156	A8P-2-70	102A
A1P-1A	107	A2G4	116	A3T201	101	A5D1	116	A5T5551	287	A7C (Motorola)	184	A8P-2-70S	102A
A1P-5	108	A2G5	116	A3T202	101	A5D2	116	A5T6461	287	A7D	116	A8P-2A9G	102A
A1P-4922	107	A2G9	116	A3T203	101	A5D5	116	A5T6462	287	A7D1	156	A8P-404F	121
A1P-4923	107	A2H	116	A3T18	287	A5D9	188	A5T6463	287	A7D3	156	A8P-404-ORN	121
A1P-4923-1	108	A2H1	125	A3T929	123A	A5E	188	A5T6464	287	A7D9	156	A8P-404-ORN	121
A1P-4923-1	108	A2H4	125	A3T930	123A	A5E1	116	A5T6538	123AP	A7E	116	A8R	199
A1P-1	107	A2H5	125	A3T2221	123A	A5E2	116	A5T6539	123AP	A7E (Transistor)	123A	A8S	108
A1P-1	107	A2H9	125	A3T2221A	123A	A5E3	116	A5T6540	128	A7E1	156	A8T	163A
A1P-1A925	108	A2I	123A	A3T2222	123A	A5E9	116	A5T6541	128	A7E5	156	A8T404A	159
A1P-1A	108	A2K	154	A3T2222A	123A	A5F	190	A5T6541	191	A7E9	156	A8T3391	123AP
A1P-2	107	A2K1	125	A3T2484	192	A5F1	116	A5U	123A	A7F	190	A8T3391A	123AP
A1P-2/4926	108	A2K4	125	A3T2894	159	A5F2	116	A5V	181	A7F1	156	A8T3392	123AP
A1P-2A	108	A2K5	125	A3T2906	159	A5F5	116	A5V	123A	A7F5	156	A8T3444	159
A1P-5	108	A2K9	108	A3T2906A	159	A5F9	116	A6	184	A7F9	156	A8T3645	159
A1P-4924	107	A2L	125	A3T2907	159	A5FF	190	A-6	595	A7G	116	A8T3702	159
A1P-4925	107	A2M	107	A3T2907A	193	A5G	184	A-6-67703	130	A7G1	156	A8T3703	159
A1P-4925A	108	A2M-1	107	A3T3011	123A	A5G1	116	A-6-67703-A-7	130	A7G5	156	A8T3706	123AP
A1P-4926	108	A2M1	125	A3T120	130	A5G2	116	A6A	163A	A7G9	156	A8T3707	123AP
A1P-4926A	108	A2M4	125	A3T230	130	A5G5	116	A6A1	156	A7H1	156	A8T3708	123AP
A1P-4926	108	A2M5	125	A3T240	130	A5G9	116	A6A5	156	A7H5	156	A8T3709	123AP
A1-RES-IA0-028	116	A2M9	129	A3T3003	130	A5H	125	A6A9	156	A7H9	156	A8T3710	123AP
A1S	154	A2MA	156	A3T3004	130	A5H1	108	A6B	108	A7H9	156	A8T3711	123AP
A1T	123	A2U	130	A3U	125	A5H2	125	A6B1	156	A7H9	156	A8T3712	123AP
A1T-1	123A	A2N-1	107	A3U-4	130	A5H5	125	A6B-3-70	121MP	A7K9			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
A9F	123A	A14E(Rec)	125	A35(Japan)	154	A48-134789	108	A66-2A9G	102A	A86X0030-100	121MP	A108B	123A
A9G	123A	A14E(Rec)	125	A36	102A	A48-134819	108	A66-3-3A9G	102A	A87	126A	A109	126A
A9H	123A	A14F(Rec)	125	A37	126A	A48-134837	108	A66-3-70	102A	A88	123A	A108C	909D
A9J	123A	A14F-C	519	A38	126A	A48-134843	108	A66-3-705	102A	A88(Japan)	123A	A110	199
A9K	162	A14M(Rec)	125	A39	126A	A48-134845	108	A66-3A9G	102A	A88-70	160	A110(Japan)	199
A9L-4-70	102A	A14N(Rec)	125	A40	102A	A48-134853	154	A66-P11138-0001	128	A88-705	160	A110C	910D
A9L-4-705	102A	A14P(Rec)	125	A40-6704	113A	A48-134898	154	A66X0043-001	177	A88B19G	160	A111	123A
A9L-4A9G	102A	A14PD1	506	A40-6722	113A	A48-134902	108	A67	102A	A88B-70	160	A111(Japan)	126A
A9M	191	A14PD2	506	A40A	A40240	A48-134904	108	A67-07-244	199	A88B-705	160	A111T2	154
A9N	181	A14PD3	506	A40A(Rec)	5944	A48-134907	121	A67-08-760	316	A88C19G	100	A112	126A
A9P	162	A15	7474	A40B	A40240	A48-134919	154	A67-15-280	195A	A88C-70	100	A112-000172	159
A9R	163A	A15(Transistor)	102A	A40B(Rec)	5944	A48-134922	108	A67-33-340	199	A88C-705	100	A112-000185	159
A9S	123A	A15-12	338	A40C(Rec)	5948	A48-134923	108	A67-33-540	289A	A89	160	A112-000187	159
A9T	123A	A15-1001	126A	A40D(Rec)	5948	A48-134924	108	A67-37-940	229	A90(Transistor)	126A	A113	126A
A9U	123A	A15-1002	126A	A40E(Rec)	5948	A48-134925	108	A67-70-960	297	A90A(Rec)	635A	A114	126A
A9V	152	A15-1003	126A	A40F(Rec)	5940	A48-134926	108	A67-76-200	236	A90B(Rec)	635A	A114(Transistor)	102A
A9W	123A	A15-1004	102A	A40M(Rec)	5952	A48-134927	154	A68-23-560	152	A90C(Rec)	635A	A114C	125
A9Y	123A	A15-1005	102A	A41	160	A48-134931	101	A69	126A	A90D(Rec)	635A	A114C(Rec)	580
A10	74H40	A15-1007	109	A41A(Rec)	5945	A48-134945	108	A70	126A	A90E(Rec)	635A	A114D(Rec)	580
A10A	116	A15-1008	116	A41B(Rec)	5945	A48-134961	108	A70-12	339	A90M(Rec)	635A	A114E	580
A10B	116	A15A	5812	A41C(Rec)	5989	A48-134962	108	A70A(Rec)	615A	A90N(Rec)	635A	A114EA(Dig. Trans)	2356
A10C	116	A15A(Rec)	5812	A41D(Rec)	5949	A48-134963	108	A70B(Rec)	615A	A90P(Rec)	635A	A114EF(Dig. Trans)	2356
A10D	116	A15B(Rec)	5814	A41E(Rec)	5953	A48-134964	108	A70C(Rec)	615A	A90S(Rec)	635A	A114EK(Dig. Trans)	2415
A10E	116	A15BK	102A	A41F(Rec)	5944	A48-134965	108	A70D(Rec)	615A	A90T(Rec)	635A	A114ES(Dig. Trans)	2356
A10G05-010-A	123A	A15BL	102A	A41M(Rec)	5953	A48-134966	108	A70E(Rec)	615A	A90T2	108	A114M(Rec)	580
A10G05-011-A	123A	A15BLU	102A	A42	160	A48-134981	108	A70F	160	A91A(Rec)	635A	A115	126A
A10G05-015-D	123A	A15C(Rec)	580A	A42X00022-01	5834	A48-137002	154	A70L	160	A91B(Rec)	635A	A115(Japan)	102A
A10M	116	A15D(Rec)	580A	A42X00041-01	5019A	A48-137035	154	A70M(Rec)	615A	A91C(Rec)	635A	A115A	580
A10N	125	A15E(Rec)	5806	A42X000269-01	116	A48-137071	108	A70MA	160	A91D(Rec)	635A	A115B	580
A10P	125	A15F(Rec)	5800	A42X000286-01	102	A48-137075	108	A70N(Rec)	615A	A91E(Rec)	635A	A115B(Rec)	580
A11	178MP	A15H	102A	A42X000290-01	156	A48-137076	108	A70P(Rec)	615A	A91M(Rec)	635A	A115C	580
A12	102A	A15K	102A	A42X000340-01	109	A48-137077	108	A70S(Rec)	615A	A91N(Rec)	635A	A115C(Rec)	580
A12(I.C.)	7451	A15M(Rec)	5806	A42X000373-01(Zener)	5070A	A48-137102	121	A70T(Rec)	615A	A91P(Rec)	635A	A115D	580
A12-1	225	A15N(Rec)	5808	A42X000373-01(Transistor)	102	A48-137197	108	A71	102A	A91S(Rec)	635A	A115D(Rec)	580
A12-1-70	123A	A15R	102A	A42X000374-01	116	A48-137213	121	A71A	160	A91T(Rec)	635A	A115E	580
A12-1-705	123A	A15U(Diode)	5800	A42X000390-01	177	A48-137214	121	A71A(Rec)	615A	A92	126A	A115F	580
A12-1A9G	123A	A15U(Transistor)	102A	A42X000434-01	123A	A48-137215	121	A71A(Transistor)	126A	A92-1-70	105	A115M	580
A12-2	225	A15V	102A	A42X000454-01	5192A	A48-137216	121	A71AC	160	A92-1-705	105	A116	126A
A12A	102A	A15VR	102A	A42X000460-01	135A	A48-137217	121	A71AB	160	A92-1A9G	105	A116(Japan)	102A
A12B	102A	A15Y	102A	A42X000480-01	5074A	A48-137218	121	A71B	160	A93	126A	A117	126A
A12C	102A	A16	102A	A42X210	103A	A48-137219	121	A71B(Rec)	615A	A94	126A	A118	126A
A12D	102A	A16A1	103A	A43	126A	A48-137220	121	A71B(Transistor)	126A	A95-5280	113A	A119	129
A12H	102A	A16A2	103A	A44	126A	A48-869254	103A	A71BS	160	A95-5281	116	A120	129
A12V	102A	A17	102A	A44A(Rec)	5962	A48-869283	103A	A71C(Rec)	615A	A95-5281	116	A120A	129
A13	102A	A17(I.C.)	7490	A44B(Rec)	5962	A48-869476	103A	A71D	160	A95-5286	358	A120P1	159
A13(Rec)	116	A17H	102A	A44D(Rec)	5962	A48-869476A	103A	A71D(Transistor)	126A	A95-5289	116	A121	126A
A13(Diode)	177	A18(I.C.)	7493A	A44E(Rec)	5962	A49	102A	A71D(Rec)	615A	A95-5289	116	A121-1	159
A13(Transistor)	160	A18-4	130	A44F(Rec)	5962	A50(transistor)	102A	A71E(Rec)	615A	A95-5295	119	A121-RED	159
A13-0032	130	A18H	102A	A45	126A	A50(Rec)	116	A71M(Rec)	615A	A95-5295	119	A121-15	101
A13-14604-1A	121MP	A19	126A	A45-1	126A	A51	126A	A71N(Rec)	615A	A95-5296	118	A121-16	101
A13-14604-1B	121MP	A19(I.C.)	7495	A45-2	126A	A52	102A	A71P(Rec)	615A	A95-5296	118	A121-17	101
A13-14604-1C	121MP	A19-020-072	108	A45-3	126A	A53	102A	A71S(Rec)	615A	A95-5297	113A	A121-21	101
A13-14604-1D	121MP	A20	126A	A45A(Rec)	5963	A53C(IC)	208A	A71T(Rec)	615A	A95-5314	500A	A121-50	101
A13-14604-1E	121MP	A20K	159	A45B(Rec)	5963	A54-3	152	A71Y	160	A97A83	121	A121-361	154
A13-14777-1	121MP	A20KA	159	A45C(Rec)	5963	A54-96-001	123A	A72	126A	A99507	101	A121-444	159
A13-14777-1A	121MP	A21	126A	A45D(Rec)	5963	A54-96-002	123A	A72-49-600	519	A995K5	101	A121-446	159
A13-14777-1B	121MP	A21A101016	715	A45E(Rec)	5967	A54-96-003	159	A72-83-300	6403	A995K7	101	A121-480	108
A13-14777-1C	121MP	A21A112020	85	A45F(Rec)	5963	A55	126A	A72-86-700	5072A	A100(Rec)	116	A121-485	159
A13-14777-1D	121MP	A21A112126	292	A45M(Rec)	5967	A56	126A	A72BLU	126A	A100(Rec)	116	A121-496	159
A13-14777-1E	121MP	A21A118281	378	A46-867-3	154	A56(Germanium)	160	A72BRN	126A	A100(transistor)	126A	A121-497	159
A13-14778-1B	121MP	A21A120176	1411	A46-8614-3	101	A56(Silicon)	234	A72ORN	126A	A100A	126A	A121-497WHT	159
A13-14778-1C	121MP	A22B(Rec)	156	A46-86101-3	107	A57	160	A72WHT	126A	A100B	126A	A121-585	107
A13-14778-1D	121MP	A22B1	156	A46-86109-3	107	A57A144-12	108	A73	160	A100C	126A	A121-585B	107
A13-15809-1	225	A22D(Rec)	156	A46-86110-3	107	A57A145-12	108	A73-16-179	177	A101A(Rec)	116	A121-746	126A
A13-17918-1	130	A22D1	156	A46-86133-3	107	A57B124-10	121	A74	126A	A101A(Rec)	116	A121-603	159
A13-22741-2	121MP	A22M(Rec)	156	A46-86301-3	107	A57C5	103A	A74-3-3A9G	100	A101A(transistor)	126A	A121-679	159
A13-23594-1	130	A23(Rec)	116	A46-86302-3	107	A57C12-1	154	A74-3-70	100	A101AA	126A	A121-687	107
A13-28432-1	225	A23B(Rec)	5834	A48-10075A01	121MP	A57C12-2	154	A74-3-705	100	A101AY	126A	A121-699	159
A13-33188-2	130	A23B1	108	A48-10075A02	121MP	A57D1-122	121	A74-3A9G	100	A101B	126A	A121-762	101
A13-55062-1	225	A24	108	A48-10075A03	121MP	A57L5-1	121	A75	126A	A101BA	126A	A121-774	159
A13-86416-1	103A	A24MW594	108	A48-10075A04	121MP	A57M2-16	154	A75-68-500	116	A101BB	126A	A121-774	159
A13-86420-1	101	A24MW595	108	A48-10075A05	121MP	A57M2-17	154	A76	126A	A101BC	126A	A121-1410	101
A13-87433-1	101	A24MW596	108	A48-10075A06	121MP	A57M3-7	121	A76B	126A	A101BXC	126A	A121-160	101
A13A2	116	A24MW597	108	A48-10075A07	121MP	A57M3-8	121	A77	126A	A101C	126A	A122(Japan)	126A
A13AA2	116	A24T-016-016	108	A48-10075A08	121MP	A58	160	A77	126A	A101CA	126A	A122-1962	103A
A13B2	116	A25-12	338	A48-10103A01	121MP	A59	160	A77A	126A	A101CV	126A	A122GRN	159
A13C2	116	A25-1001	126A	A48-10103A02	121MP	A60	126A	A77A19G	105	A101CX	126A	A122YEL	159
A13D2	116	A25-1002	126A	A48-10103A03	121MP	A61	160	A77B	105	A101D	126A	A123-7	159
A13E2	116	A25-1003	126A	A48-10103A04	121MP	A62-18427	108	A77C	105	A101QA	126A	A124	126A
A13F2	116	A25-1004	102A	A48-10103A05	121MP	A62-19581	108	A77B	126A	A101V	126A	A124	126A
A13M2	116	A25-1005	102A	A48-10103A06	121MP	A63-18426	154	A77B19G	121MP	A101X	126A	A124EF(Dig. Trans)	2356
A13N1	123A	A25-1006	102A	A48-10103A07	121MP	A63-18427	121	A77B-70	121MP	A101Y	126A	A124EK(Dig. Trans)	2417
A14	102A	A25-1007	102A	A48-10103A08	121MP	A64	126A	A77C-705	121MP	A101Z	126A	A124EN(Dig. Trans)	2358
A14(Transistor)	160	A25-1008	116	A48-10103A09	121MP	A64H(IC)	1680	A77C	126A	A102	126A	A124ES(Dig. Trans)	2358
A14-586-01	121	A25A	A40240	A48-10103A10	121MP	A65	102A	A77C19G	121	A102(Japan)	126A	A124K(Dig. Trans)	2417
A14-601-10	130	A25A509-016											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
A137(Japan)	126A	A170PB	6182	A190PR	6359	A243	160	A327(Transistor)	160	A407	102A	A471-2	126A
A137(NPN)	123A	A170PC	6182	A190PR	6355	A244	161	A328(IC)	1659	A408	126A	A471-3	126A
A137(PNP)	159	A170PD	6182	A190PR	6355	A244(Japan)	160	A328MR(IC)	1659	A409	126A	A472(PNP)	126A
A138	199	A170PE	6159	A190RC	6355	A244(AMC)	161	A329	126A	A412	126A	A472(NPN)	123A
A138(Japan)	102A	A170RA	6155	A190RD	6355	A245	108	A329A	126A	A413	126A	A472(Japan)	126A
A139	199	A170RB	6155	A190RE	6357	A245(AMC)	108	A329B	126A	A414	100	A472A	126A
A139(Japan)	126A	A170RC	6155	A190RM	6357	A245(Japan)	160	A330	126A	A415	123A	A472B	126A
A139E(RECT)	599A	A170RD	6155	A190RN	6359	A246	123A	A331	126A	A415(Japan)	100	A472C	126A
A139ER	5995	A170RE	6157	A190RP	6359	A246(AMC)	123A	A332	160	A416	121	A472D	126A
A139M(RECT)	6010	A170RM	6157	A190RPA	6363	A246(Japan)	126A	A335	126A	A417	102	A472E	126A
A139MR	6011	A170RN	6159	A190RPB	6363	A246V	126A	A337	126A	A417(Japan)	160	A473(Fisher)	161
A141	102A	A170RP	6163	A190RPC	6363	A247	154	A338	126A	A417-19	161	A473(Japan)	153
A141(Japan)	126A	A170RPA	6163	A190RPD	6363	A247(AMC)	154	A339	127	A417-43	129	A473(NPN)	108
A141(NPN)	126A	A170RPB	6163	A190RS	6359	A247(Japan)	126A	A339H	127	A417-115	154	A473(PNP)	153
A141(PNP)	123A	A170RPC	6163	A190RT	6359	A248	102A	A340	127	A417-116	159	A473-O	153
A141B	126A	A170RPD	6163	A190S(RECT)	6358	A248(Japan)	100	A340H	127	A417-132	159	A473-GR	153
A141C	126A	A170RS	6159	A190SR	6359	A248(AMC)	123A	A341	126A	A417-138	129	A473-O	153
A142	102A	A170RT	6159	A190T(RECT)	6358	A249	123A	A341-0A	160	A417-132	129	A473-R	153
A142(Japan)	126A	A170S(RECT)	6158	A190TR	6359	A249(AMC)	128	A341-0B	160	A417-153	159	A473R	153
A142A	126A	A170SR	6159	A192	312	A250	126A	A341-0B	160	A417-154	107	A476	126A
A142B	126A	A170T(RECT)	6158	A194	312	A251	126A	A342	126A	A417-170	129	A477	126A
A142C	126A	A170TH	6159	A195	312	A252	126A	A342A	160	A417-176	159	A478	102A
A143	102A	A171	59	A-195C	159	A253(Japan)	126A	A343	160	A417-182	159	A479	102A
A143(Japan)	126A	A171(Japan)	100	A196	312	A254	126A	A344	123A	A417-184	159	A480	108
A144	126A	A172	100	A197	126A	A255	126A	A344(Japan)	126A	A417-190	107	A480(Japan)	159
A-144-3078	5547	A172A	100	A198	102A	A256	126A	A345	123A	A417-196	159	A481	161
A144A-1	121	A173	102A	A200	116	A257	126A	A345(Japan)	160	A417-200	159	A481A0028	123A
A144A-19	121	A173B	102A	A200(Reach)	724	A258	126A	A346	123A	A417-201	159	A481A0030	159
A144C	126A	A174	102	A200-052	159	A-258-1	126A	A346(Japan)	160	A417-205	107	A481A0031	123A
A144E(Dig. Trans)	2360	A175	126A	A201	126A	A259	126A	A347	123A	A417-234	129	A482	161
A144F(Dig. Trans)	2360	A176	126A	A201-0	126A	A260	160	A348	160	A417-235	159	A482(Japan)	159
A144K(Dig. Trans)	2419	A176-025-9-002	108	A201A	126A	A261	160	A349	126A	A418	108	A483	218
A144N(Dig. Trans)	2360	A177	159	A201B	126A	A262	160	A350	126A	A419	108	A484	161
A144S(Dig. Trans)	2360	A177(A)	159	A201E	126A	A263	160	A350A	100	A419(Japan)	160	A484BL	323
A144T(Dig. Trans)	2360	A177A	159	A201N	126A	A264	160	A350C	126A	A420	108	A484R	323
A144N(Dig. Trans)	2360	A177AB	159	A201TVO	126A	A265	160	A350H	126A	A420(Japan)	160	A484Y	323
A145	126A	A178A	159	A202(Japan)	126A	A266	126A	A350R	126A	A421	160	A485	316
A145A	126A	A178AB	159	A202A	126A	A267	126A	A350T	126A	A422	160	A485BL	323
A145C	126A	A178B	159	A202B	126A	A268	126A	A350TY	126A	A422-A	116	A485R	323
A146	126A	A178BA	159	A202C	126A	A269	126A	A350Y	126A	A424	316	A485Y	323
A146B-3	121MP	A179A	159	A202D	126A	A270	195A	A351	126A	A425	160	A486	161
A146B-39	121MP	A179AC	159	A203	102A	A270(Japan)	126A	A351A	126A	A426	160	A486(Japan)	323
A147	126A	A179B	159	A203(NPN)	186	A271(Japan)	126A	A351B	126A	A427	108	A486BL	323
A148	126A	A179BB	159	A203(PNP)	102A	A272	152	A352	126A	A427(Japan)	108	A486R	323
A148P2	102A	A179Q	159	A203A	126A	A272(Japan)	126A	A352A	126A	A428	126A	A488-A0001	177
A148P-2	102A	A180	126A	A203AA	102A	A273	152	A352B	126A	A429(ECB)	288	A488-A0060	519
A148P-29	102A	A180A(RECT)	6354	A203AA(PNP)	126A	A273(Japan)	126A	A353	126A	A429-0981-12	161	A489	161
A148P-29	102A	A180AR	6355	A203AB	102A	A274(NPN)	195A	A353-9008-001	129	A429-O(ECB)	288	A489(Japan)	153
A149	126A	A180B(RECT)	6354	A203B(PNP)	126A	A274(PNP)	126A	A353A	126A	A429P(ECB)	288	A489-R	153
A149L-4	102A	A180BR	6355	A203P	102A	A275(Japan)	126A	A353C	126A	A429Y	288	A489Y	153
A149L-49	102A	A180C(RECT)	6354	A203P(PNP)	126A	A276(Japan)	160	A354	126A	A430	316	A489Y	153
A150	126A	A180CH	6355	A204	100	A277(Japan)	100	A354A	126A	A430(Japan)	160	A489-Y	153
A151	126A	A180D(RECT)	6354	A205	100	A278	171	A354B	126A	A430E(RECT)	6113	A490	161
A151(Japan)	160	A180DH	6355	A206	100	A278(Japan)	100	A355	126A	A430F(RECT)	6113	A490(RF)	153
A152	126A	A180E(RECT)	6356	A207	100	A279	171	A355A	126A	A430N(RECT)	6115	A490(power)	153
A152(Japan)	160	A180ER	6357	A208	176	A279(Japan)	100	A356	126A	A430P(RECT)	6115	A490(Japan)	153
A153	123A	A180M(RECT)	6356	A208(NPN)	186	A280	100	A357	126A	A430PB	6115	A490-O	153
A153(Japan)	126A	A180MR	6357	A208(Japan)	100	A281	100	A358	126A	A430P	6115	A490-LBGL1	153
A154(NPN)	108	A180N(RECT)	6358	A209	176	A282	102A	A359	126A	A430R(RECT)	6115	A490-O	292
A154(PNP)	126A	A180NR	6359	A210	176	A283	100	A360	160	A430T(RECT)	6115	A490Y	398
A155(PNP)	126A	A180P(RECT)	6358	A210(Japan)	100	A284	100	A361	160	A431	160	A490YLBGL1	161
A155(NPN)	108	A180PA	6162	A211(Zener)	5020A	A285	160	A362	160	A431A	160	A490Y	398
A156	123A	A180PB	6162	A211(Japan)	100	A286	160	A363	160	A432	160	A493BL	234
A-156	123A	A180PC	6162	A212	100	A287	126A	A364	126A	A432A	160	A493GR	234
A156(Japan)	126A	A180PD	6162	A213	126A	A288	126A	A365	126A	A433	160	A493O	159
A157	123A	A180PR	6359	A214	126A	A288A	126A	A366	126A	A434	160	A493-O	159
A157(Japan)	126A	A180RA	6355	A215	126A	A289	126A	A367	126A	A435	160	A494	290A
A157A	123A	A180RB	6355	A216	126A	A290	126A	A368	126A	A436	160	A494	234
A157B	123A	A180RC	6355	A217	100	A291(Transistor)	126A	A369	126A	A435B	160	A494(Japan)	123A
A157C	123A	A180RD	6355	A218	160	A292	126A	A372	160	A436	126A	A494(Fisher)	229
A158	123A	A180RE	6357	A219	126A	A293	126A	A373	102A	A437	126A	A494-GR	234
A158A	123A	A180RM	6357	A220	126A	A294	126A	A374	102A	A438	126A	A494-O	234
A158B	123A	A180RN	6359	A220(Transistor)	160	A295	126A	A375	126A	A439	160	A494-Y	234
A-158B	123A	A180RP	6359	A221	160	A296	126A	A376	160	A440	102	A494Y(Trans)	234
A158C	123A	A180RPA	6163	A222	126A	A297	126A	A376(Japan)	126A	A447	126A	A495(Japan)	290A
A-158C	123A	A180RPB	6163	A223	126A	A297L012C01	159	A377	160	A450	160	A495(PNP)	290A
A159	123A	A180RPC	6163	A224	160	A297V073C01	129	A378	160	A450H	160	A495A	290A
A159A	123A	A180RPD	6163	A-225	543	A297V073C02	129	A379	160	A451	160	A495D	290A
A159B	123A	A180RS	6359	A225	126A	A297V073C03	159	A380	126A	A451(Japan)	160	A495FA-1	290A
A159C	123A	A180RT	6359	A225(TRANSISTOR)	160	A297V073C04	159	A381	126A	A451H	160	A495-G	290A
A160	126A	A180S(RECT)	6358	A225(OVEN RECT)	543	A297V082B03	129	A382	126A	A452	160	A495G	290A
A160(Japan)	100	A180SR	6359	A-225-1	160	A298	160	A383	126A	A452H	160	A495G-O	290A
A161	159	A180T(RECT)	6358	A226	160	A299	126A	A384	126A	A453	126A	A495G-GR	290A
A162	159	A180TH	6359	A227	160	A300	123A	A385	126A	A454	123A	A495G-O	290A
A163	160	A181	126A	A228	160	A301	126A	A385A	126A	A454(Japan)	126A	A495G-R	290A
A164(NPN)	108	A182	102A	A229	160	A302	102A	A385D	126A	A455	709	A495GR	290A
A164(PNP)	126A	A183	126A	A230	160	A303	102A	A386(RECT)	126A	A455(IC)	709	A495G-Y	290A
A165(NPN)	108	A187TV	102A	A231	176	A304	100	A387(RECT)	126A	A455(transistor)	126A	A495H	290A
A165(PNP)	126A	A188	126A	A-231(RadShk)	552	A305	100	A388(RECT)	126A	A456	126A	A495J	290A
A166	126A	A189	126A	A231-47049(Rad Shk)	506	A306	123A	A389(RECT)	126A	A457	126A	A495-O	290A
A167	100	A190A(RECT)	6354	A232	176	A306(Japan)	160	A390(RECT)	126A	A460	160	A495Q	290A
A168	123A	A190AR	6355	A233	160	A307	123A	A390M(RECT)	126A	A461	160	A495R	159
A-168	123A	A190B(RECT)	6354	A233-2032(Rad Shk)	552	A307(Japan)	160	A390N(RECT)	126A	A462	160	A495T-M-O	290A
A168(Japan)	100	A190B	6355	A233B									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
A500-O	106	A514-062212	975	A546B	129	A564QHD	290A	A608(Trans)	290A	A634L	187A	A659C	290A
A500-R	106	A514-063293	778A	A546D	129	A564QR	290A	A608A(Trans)	290A	A634M	187A	A659D	290A
A500-Y	106	A514-063882	7412	A546E	129	A564R	290A	A608AE(Trans)	290A	A634N	187A	A659E	290A
A501	129	A514-063883	74195	A546F	129	A564S	234	A608AF(Trans)	290A	A634-O	187A	A659F	290A
A502	290A	A514-0339903	116	A546H	129	A564T	234	A608B(Trans)	290A	A634-O(Trans)	187A	A659G	290A
A503	129	A514-100243	519	A546J	129	A564Y	290A	A608-C(Trans)	290A	A634R	187A	A659L	290A
A503-254915-69	5257A	A514-100576	56022	A546K	129	A565	159	A608C(Trans)	290A	A634P	187	A659M	290A
A503-254915-85	5127A	A514-100684	3046	A547	427/129	A565A	159	A608D(Trans)	290A	A636(4)K	187	A659R	290A
A503-254915-535	5191AK	A514-101082	74LS00	A547AA	427/129	A565B	159	A608-D(Trans)	290A	A636(Korea)	187	A659Y	290A
A503GR	129	A514-101084	74LS03	A547AB	427/129	A565C	159	A608E(Trans)	290A	A636(4)L	187	A661	290A
A503-O	129	A514-101085	74LS04	A547AD	427/129	A565D	159	A608-E(Trans)	290A	A636-4K	187	A661GR	290A
A503-R	129	A514-101086	74LS05	A547AE	427/129	A565K	159	A608E-NP(Trans)	290A	A636-4L	187	A661-O	290A
A503-Y	129	A514-101087	74LS10	A547AF	427/129	A565Q	234	A608F(Trans)	290A	A636A	187	A661R	290A
A504	129	A514-101088	74LS12	A547AH	427/129	A566	218	A608-F(Trans)	290A	A636B	187	A661Y	290A
A504GR	129	A514-101089	74LS20	A547AI	427/129	A566A	218	A608F-NP(Trans)	290A	A636C	187	A663	219
A504-R	129	A514-101090	74LS30	A547AJ	427/129	A566B	218	A608F-NP(Trans)	290A	A636D	187	A663-BL	219
A504-Y	129	A514-101092	74LS75	A547B	427/129	A566C	218	A608G(Trans)	290A	A636K	187	A663R	219
A505	374	A514-101093	74LS86	A547D	427/129	A566H	218	A608K(Trans)	290A	A636L	187	A663-Y	219
A505-O	374	A514-101094	74LS107	A547E	427/129	A566HA	218	A608KD(Trans)	290A	A636M	187	A666	290A
A505-R	374	A514-101095	74LS151	A547F	427/129	A566HB	218	A608KE(Trans)	290A	A636-O	187	A666A	290A
A505-Y	374	A514-101096	74LS164	A547H	427/129	A567	123A	A608KF(Trans)	290A	A636R	187	A666AP	290A
A506	160	A514-101097	74LS195A	A547I	427/129	A567(Japan)	159	A608KG(Trans)	290A	A637	288	A666AQ	290A
A507	160	A514-101099	4013B	A547J	427/129	A-567A	123A	A608KNP(Trans)	290A	A638	288	A666AR	290A
A508	160	A514-101391	4017B	A548	159	A567A	159	A608KNPD(Trans)	290A	A639(ECB)	288	A666AS	234
A509(ECB)	159	A514-101392	4019B	A548A	159	A567B	159	A608KNPE(Trans)	290A	A639S(ECB)	288	A666AT	234
A509-O(ECB)	159	A514-101393	4081B	A548B	159	A567C	159	A608KNPF(Trans)	290A	A640	234	A666H	290A
A509-D(ECB)	159	A514-101395	4001B	A548C	159	A567D(BCB)	234	A608KNPG(Trans)	290A	A640(Japan)	159	A666HR	290A
A509G(ECB)	159	A514-101396	4555B	A549A	288	A568	290A	A608NP(Trans)	290A	A640A	234	A666P	290A
A509G-O(ECB)	159	A514-101397	4512B	A549AH	288	A568B	290A	A608NP(ECB)	159	A640B	234	A666Q	290A
A509GR(ECB)	159	A514-101550	4069	A550	159	A568C	290A	A608NPE(ECB)	159	A640C	234	A666QRS	290A
A509G-Y(ECB)	159	A514-101843	4042B	A550A	159	A568D	290A	A608NPF(ECB)	159	A640D	234	A666R	290A
A509-O(ECB)	159	A514-101844	4012B	A550AO	159	A568E	290A	A608SP(Trans)	290A	A640E	234	A666S	234
A509Q(ECB)	159	A514-101845	4023B	A550AP	159	A568F	290A	A609(ECB)	159	A640F	234	A666T	234
A509R(ECB)	159	A514-102343	4002B	A550AQ	159	A568G	290A	A609A(ECB)	159	A640L	234	A667-GRN	199
A509-X(ECB)	159	A514-102579	74LS42	A550AR	159	A568GN	290A	A609B(ECB)	159	A640M	234	A667-ORG	199
A509Y(ECB)	159	A514-102661	4066B	A550AS	159	A568H	290A	A609C(ECB)	159	A640S	234	A667RED	108
A509-Y(ECB)	159	A514-102916	4024B	A550Q	159	A568J	290A	A609D(ECB)	159	A641	234	A667-RED	199
A510	323	A514-103420	778A	A550R	159	A568K	290A	A609E(ECB)	159	A641(PNP)	234	A667-YEL	199
A510-O	323	A514-103421	2041S	A550S	159	A568L	290A	A609F(ECB)	159	A641(NPN)	123A	A668-GRN	199
A510-R	323	A514-103488	4070B	A551	129	A568M	290A	A609G(ECB)	159	A641(Japan)	234	A668-ORG	199
A511	323	A516	323	A551-008	941D	A568-OR	290A	A610	290A	A641A	234	A668-YEL	199
A511BDC	4511B	A516A	323	A551C	129	A568R	290A	A610B	290A	A641B	234	A669	159
A511-O	323	A517	126A	A551D	129	A568X	290A	A611	290A	A641C	234	A669-GRN	199
A511-R	323	A518	126A	A551E	129	A568Y	290A	A611-4E	290A	A641D	234	A669-YEL	199
A512	323	A522	130	A552	129	A569	290A	A613	218	A641L	234	A670	153
A512-O	323	A522(Japan)	159	A552-3	129	A569J	159	A614	218	A641M	234	A670A	153
A512-R	323	A522-3	130	A554	159	A570	290A	A614(Korea)	242	A641S	234	A670B	153
A513	323	A522A	159	A554A	129	A570(Transistor)	159	A614R(Korea)	242	A642	290A	A670C	153
A513-O	323	A523(NPN)	130	A555	290A	A570A	6116	A615-1008	160	A642(Korea)	159	A670T	378
A513-R	323	A523(PNP)	129	A556	290A	A570B	6116	A615-1009	160	A642(Japan)	290A	A671-O	153
A514-0033903	177	A523A	129	A556	290A	A570C	6116	A615-1010	102A	A642-254	108	A671A	378
A514-064-32	2040	A524	106	A556-142	109	A570D	6116	A615-1011	102A	A642-260	108	A671B	378
A514-019136	116	A525	160	A559	129	A570E	6116	A615-1012	109	A642-268	108	A671C	378
A514-023553	101	A525B	160	A559A	129	A570M	6116	A616	218	A642-271	121MP	A671K	378
A514-023626	116	A527	129	A560	129	A571	129	A617K	159	A642A	290A	A671KA	378
A514-025607	116	A528	129	A561	290A	A572	130	A618K	159	A642B	290A	A671KB	378
A514-026814	6027	A528	129	A561GR	290A	A572-1	130	A620	290A	A642C	290A	A671KC	378
A514-027051	5002A	A530	159	A561V	290A	A573	290A	A620WL	290A	A642D	290A	A672	159
A514-027662	100	A530H	159	A561-R	290A	A573D	290A	A623	307	A642E	290A	A672A	159
A-514-027662	102A	A532	129	A562-O	290A	A575	290A	A623-O	307	A642F	290A	A672B	159
A514-027757	116	A532A	129	A562G	290A	A575K	290A	A623A	307	A642G(Korea)	159	A672C	159
A-514-027757	116	A532B	129	A562GR	290A	A575L	290A	A623B	307	A642L	290A	A673	290A
A514-028072	116	A532C	129	A562H	290A	A576-0001-002	159	A623C	307	A642L(NPN)	199	A673(B)	290A
A514-028073	116	A532D	129	A562I	290A	A576-0001-013	159	A623D	307	A642-O(Korea)	159	A673-O	290A
A514-030963	5962	A532E	129	A562J	290A	A576(BCB)	234	A623G	307	A642R	290A	A673A	290A
A514-031162	5962	A532F	129	A562K	290A	A578A(ECB)	234	A623R	307	A642S(NPN)	199	A673AA	290A
A514-032815	100	A537	129	A562L	290A	A578B(ECB)	234	A623Y	307	A642T	290A	A673AB	290A
A514-033338	289A	A537A	129	A562M	290A	A578C(ECB)	234	A624	307	A642W	290A	A673AC	290A
A514-033377	121	A537AA	129	A562N	290A	A578D(ECB)	234	A624A	307	A642X	290A	A673AD	290A
A514-033596	125	A537AB	129	A562R	290A	A579A(ECB)	234	A624B	307	A642Y(Korea)	159	A673AE	290A
A514-033903	116	A537AC	129	A562S	290A	A579B(ECB)	234	A624C	307	A643	193A	A673AK	290A
A514-040296	312	A537AH	129	A562T(Trans)	290A	A579C(ECB)	234	A624D	307	A643(Korea)	159	A673AS	290A
A514-042791	116	A537B	129	A562TM-Y(Trans)	290A	A580	129	A624E	307	A643A	193A	A673ASC	290A
A514-043826	534	A537C	129	A562T-YA(Trans)	290A	A580-040215	181	A624F	307	A643B	193A	A673B	290A
A514-044910	159	A537H	129	A562T-O(Trans)	290A	A580-040315	181	A624G	307	A643C	193A	A673BC	290A
A514-047801	2040	A538	102A	A562TM-OA	290A	A580-040515	181	A624L	307	A643D	193A	A673C	290A
A514-047828	210	A539(Korea)	159	A562TM-OF	290A	A580-080215	181	A624LG	307	A643E	193A	A673C2	290A
A514-047829	196	A539K	290A	A562TM-YA(Trans)	290A	A580-080315	181	A624H	307	A643F	193A	A673CD	290A
A514-047830	196	A539L	290A	A562T-O(Trans)	290A	A580-080515	181	A624I	307	A643G(Korea)	159	A673D	290A
A514-047837	211	A539M	290A	A562TO(Trans)	290A	A580B	129	A625	129	A643L	193A	A673-O	290A
A514-047970	5072A	A539P(Korea)	159	A562TQ	290A	A580G	129	A625B	129	A643-O(Korea)	159	A673WT	290A
A514-048551	7618	A539R(Korea)	159	A562TQ	290A	A580Y	129	A625G	129	A643R(Korea)	159	A675	290A
A514-050889	5963	A539S	290A	A562Y(Trans)	290A	A581	129	A625Y	129	A643S	193A	A675A	290A
A514-053752	OBS-NLA	A539Y(Korea)	159	A562Y-TM	290A	A581B	129	A626K	88	A643V	193A	A675B	290A
A514-053981	975	A542(Korea)	159	A562YT	290A	A581G	129	A626L	88	A643W	193A	A675C	290A
A514-054214	130	A542-O(Korea)	159	A564	290A	A581Y	129	A626M	88	A643Y(Korea)	159	A677	290A
A514-054489	74107	A542-R(Korea)	159	A564A	290A	A592D2(BCB)	159	A626N	88	A644	199	A677-5	290A
A514-057814	5673	A542R(Korea)	159	A564A	290A	A593	123A	A627	88	A644S	199	A677-6	290A
A514-058337	5414												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
A684S	294	A720AS	290A	A745	281	A780AKA	211 ♦	A841BL	234	A893AF	288	A937NLS	17
A685	290A	A720NC	290A	A745A	281	A780AKB	211 ♦	A841-BL	234	A893B	91	A937P(TRANS)	290A ♦
A690D	159	A720NCP	290A	A746	281	A780AKC	211 ♦	A841-GR	234	A893F	91	A937Q	17 ♦
A690V081H97	121	A720NCQ	290A	A747	281	A780AKD	211 ♦	A842	234	A896(ECB)	288	A937Q(TRANS)	290A ♦
A691M5	177	A720NCR	290A	A747A	281	A781	106	A842-BL	234	A898	374	A937R	17 ♦
A691M5-2	177	A720NCS	290A	A747B	199	A781AK	106	A842-GR	234	A900	374#	A937R(Trans)	290A ♦
A692T5	116	A720P	290A	A748	153	A785(Trans)	290A	A843	398	A900Q	374#	A937S	17 ♦
A692T5-0	109	A720QR	290A	A748B	123A	A785P	290A	A843Q	398	A900R	374#	A940	292
A692X13-4	109	A720QR(Trans)	290A	A748C	199	A785Q	290A	A844	398	A900S	374#	A940AE(Trans)	398
A692X16-0	116	A720R	290A	A748D	153	A786	290A	A844Q	398	A901(BCE)	234	A940AR(Trans)	398
A694X1	5022A	A720S	290A	A748P	153	A786(BCE)	290A	A844	234	A901F(BCE)	234	A940D	398
A694X1-0A	5022A	A721	234	A748Q	153	A786Q	290A	A844B	234	A901G(BCE)	234	A940E	398
A695(BCE)	159	A721S	234	A749(ECB)	288	A786R(BCE)	290A	A844C	234	A904(BCE)	234	A940LB	398
A695C(BCE)	159	A721T	234	A749A(ECB)	288	A790(BCE)	232	A844D	234	A904A(BCE)	234	A940LBGL2	398
A695D(BCE)	159	A721U	234	A749B	123A	A790(ECB)	232 ♦	A844E	234	A905(BCE)	234	A940R	398
A695D2	298	A722	234	A749C	199	A793	129	A844F	234	A906(BCE)	234	A940RD	398
A695E(BCE)	159	A722S	234	A750	234	A794	374#	A845A	288	A906F(BCE)	234	A940RE	398
A696(BCE)	290A	A722-S	234	A750E	234	A794A	288	A845AH	288	A906G(BCE)	234	A941	290A ♦
A696A(BCE)	290A	A722T	234	A750F	234	A794AP	374#	A845H	288	A907	180	A941-GR	290A ♦
A696C(BCE)	290A	A722U	234	A750U	234	A794AQ	374#	A845Q	288 ♦	A908	285	A942	290A
A696D(BCE)	290A	A723	290A	A751	383	A794AR	374#	A847(BCE)	91	A909	285 ♦	A942-GR	290A
A696E(BCE)	290A	A723A	290A	A751P	383	A794P	374#	A847A(BCE)	91	A909-1006	160	A944E	129
A697(BCE)	290A	A723B	290A	A751Q	383	A794Q	374#	A850	298	A909-1009	126A	A945-O	159
A697C(BCE)	290A	A723C	290A	A751QR	383	A794R	374#	A850(BCE)	290A	A909-1010	126A	A949	383 ♦
A697D(BCE)	290A	A723D	290A	A751R	193A	A795	374	A850C(BCE)	290A	A909-1011	102A	A950	290A
A697E(BCE)	290A	A723E	290A	A751RS	383	A795P	374	A850D(BCE)	290A	A909-1012	102A	A950-O	290A
A698	187A	A723F	290A	A751S	193A	A795Q	374	A854	290A	A909-1013	102A	A950-Y	290A
A699-0	187A	A723R	290A	A752	383	A795R	374	A854A	290A	A909-1015	109	A950Y(Trans)	290A
A699-0R	187A	A725(BCE)	234	A752P	383	A798(TRANS)	43	A854Q	290A	A909-1016	110MP	A951M	398 ♦
A699A	187A	A725EH2AB1	125	A752Q	383	A798F(TRANS)	43	A854QE	290A	A909-1017	109	A952	159
A699AO	187A	A725F(BCE)	234	A752R	383	A798G(TRANS)	43	A854QV	290A	A909-1018	116	A952K	290A
A699AB	187A	A725G(BCE)	234	A752S	383	A798H(TRANS)	43	A854R	290A	A909-1019	116	A952L	290A
A699AQ	187A	A725H(BCE)	234	A753	281	A800	125	A854RY	290A	A909-27125-160	108	A953	290A
A699A-Q	187A	A725Y(BCE)	234	A753-4004-248	159	A800(TRANSISTOR)	395	A858	288	A912Q	288	A953K	290A
A699AR	187A	A725YF(BCE)	234	A753A	281	A800-511-00	129	A869	159	A912R	288	A953L	290A
A699CF	187A	A725YH(BCE)	234	A753B	281	A800-516-00	129	A874(Trans)	19 ♦	A912S	288	A953M	290A
A699-O	187A	A725YH(BCE)	234	A753C	281	A800-523-01	159	A874M	19	A913	398	A954(TRANS)	290A
A699P	187A	A725YH(BCE)	234	A754	153	A800-523-02	159	A874MP	19	A913P	398	A954L(TRANS)	290A
A699Q	187A	A726F(BCE)	234	A754A	153	A800-527-00	159	A874MQ	19	A913Q	398	A954M(TRANS)	290A
A699R	187A	A726G(BCE)	234	A754B	153	A807	88	A874MR	19	A913R	398	A955(Trans)	2407
A700	153	A726H(BCE)	234	A754C	153	A808	88	A874P	19 ♦	A914	374#	A956H3(Trans)	2407
A700B	153	A726S(BCE)	234	A754D	153	A808A	88	A874P(Trans)	290A ♦	A914P	374#	A956H4(Trans)	2407
A700Y	153	A726Y(BCE)	234	A755	153	A811(Trans)	2409	A874Q	19 ♦	A914Q	374#	A956H5(Trans)	2407
A701(ECB)	159	A726YF(BCE)	234	A755A	153	A811A(Trans)	2411	A874R	19 ♦	A914R	374#	A956H6(Trans)	2407
A701E(ECB)	159	A726YH(BCE)	234	A755B	153	A811C5(Trans)	2409	A876	159	A915	288	A962	189
A701F(ECB)	159	A726YH(BCE)	234	A755C	153	A811C6(Trans)	2409	A876A	159	A915(ECB)	288	A963	374
A701F1(ECB)	159	A728	290A	A755D	153	A811C15(Trans)	2411	A876B	159	A915K(ECB)	288	A963Q	374
A701F10(ECB)	159	A728A	290A	A756	88	A812(Trans)	2409	A876C	159	A915L(ECB)	288	A963QR	374
A701G(ECB)	159	A728AD	290A	A756A	88	A812M4(Trans)	2409	A876H	159	A915M(ECB)	288	A963R	374
A702(T03 NPN)	162	A728AE	290A	A756B	88	A812M5(Trans)	2409	A876HA	159	A916	288	A964-17887	121
A702(ECB)	159	A728AF	234	A756C	88	A812M6(Trans)	2409	A876HB	159	A916(ECB)	288	A965	383 ♦
A702(T092 NPN)	234	A728B	290A	A757	88	A812M7(Trans)	2409	A876HC	159	A916-31025-5B	108	A968	398 ♦
A702E(ECB)	159	A728C	290A	A757A	88	A814	292	A877	88	A916-31025-58	108	A968A	398 ♦
A702F(ECB)	159	A728E	290A	A757B	88	A814-O	292	A878	288	A916-31025-58	108	A968B	398 ♦
A702G(ECB)	159	A728F	234	A757C	88	A814-Y	292	A879(ECB)	288	A916L(ECB)	288	A968C	398 ♦
A703	307	A728G	234	A758	281	A815	292	A879P(ECB)	288	A916M(ECB)	288	A968B	398 ♦
A703C	307	A730	193A	A758A	281	A815-O	292	A879Q(ECB)	288	A917	383	A968B-O	398 ♦
A703D	307	A730P	193A	A758B	281	A815-Y	292	A880	234	A920(Trans)	240	A968B-Y	398 ♦
A703E	307	A730Q	193A	A758C	281	A816	398	A880-250-107	129	A921-62B	108	A968C	398 ♦
A704	290A	A730R	193A	A759A	159	A816-O	398	A880S	234	A921-62B	108	A968-Y	398 ♦
A705	290A	A730S	193A	A759B	159	A816-Y	398	A880T	234	A921-63B	108	A969	398
A706	189	A731	193A	A761-1	323 ♦	A817(Trans)	290A	A880U	234	A921-64B	108	A969O	398
A706-2	189	A731P	193A	A761S	323 ♦	A817A(Trans)	290A	A881(Trans)	21 ♦	A921-70B	159	A970	290A ♦
A706-3	189	A731Q	193A	A762	398 ♦	A817AQ(Trans)	290A	A881Q	21 ♦	A921A	234	A970GR	290A ♦
A706-4	189	A731R	193A	A762-1	398 ♦	A817AY(Trans)	290A	A882	281	A921AQ	234		
A706H	189	A731S	193A	A762-2	398 ♦	A817O(Trans)	290A	A882	281	A921AR	234	A971	285
A706J	211	A732	129	A763WL	234	A817Y(Trans)	290A	A883(ECB)	159 ♦	A924	288A	A972	159
A707	298	A733	290A	A764	197	A818(Trans)	240	A883A	274#	A924A	288A	A973	234
A707(Korea)	159	A733(Korea)	159	A765	197	A820(ECEB)	288	A883P	374#	A924B	288A	A973R(Trans)	234
A707-O(Korea)	159	A733(P)	290A	A765(Transistor)	218	A820N(ECEB)	288	A883Q	374#	A925-1	106	A973S(Trans)	234
A707R(Korea)	159	A733A	290A	A765(Transistor)	218	A820P(ECEB)	288	A885R	374#	A925-2	106	A973T(Trans)	234
A707V	298	A733AK	290A	A766	398	A825	290A	A886	374#	A927	290A	A977	374#
A708	129	A733AP	290A	A766S	398	A825(Trans)	14	A886Q	374#	A928	25	A978(BCE)	290A
A708(Korea)	129P	A733AQ	290A	A768	153	A825P(Trans)	290A	A886NR	374#	A928-O	25	A978E(BCE)	290A
A708A	129	A733AR(Trans)	290A	A768-O	153	A825P(Trans)	290A	A886O	374#	A928Y	25	A978F(BCE)	234
A708B	129	A733B	290A	A768F	153	A825Q	14	A886P	374#	A928YT	25	A978G(BCE)	234
A708C	129	A733C	290A	A768G(Trans)	153	A825R	290A	A886Q	374#	A931	129P	A978H(Trans)	41
A708-O(Korea)	129P	A733D	290A	A768H	153	A826	290A	A886QBF	185	A931R	129P	A979G(TRANS)	41
A708R(Korea)	129P	A733E	290A	A768Y	153	A826P	290A	A886QR	185	A933	290A	A979H(TRANS)	41
A708Y(Korea)	129P	A733F	290A	A769	197	A826Q	290A	A886R	374#	A933	290A		
A709	288	A733G(Korea)	159	A770	197	A826R	290A	A886V	374#	A933A(TRANS)	290A	A980	281
A709(CBE)	159	A733GR	294	A771	332	A826RY	290A	A886VQ	374#	A933AQ	290A	A981	281
A712	397	A733H	290A	A772B1	107	A826S	290A	A886VY	374#	A933AR	290A	A982	281
A713AS	232	A733I	290A	A772D1	108	A829	159	A887(ECB)	187	A933LN(TRANS)	234	A984	290A
A713S	232	A733IQ	290A	A772EH	107	A829A	159	A887Q(ECB)	187	A933LNR(TRANS)	234	A984D	290A
A714	219	A733K	290A	A772FE	107	A829B	159	A887P(ECB)	187	A933LNS(TRANS)	234	A984E	290A
A714C	281	A733-O(Korea)	159	A772.01	107	A829C	159	A887R(ECB)	187	A933P(TRANS)	290A	A984F	290A
A714D	281	A733P	290A	A773	383	A829E	159	A887T(ECB)	187	A933Q(TRANS)	290A	A984K	290A
A714E	281	A733P1	290A	A773-1	383	A829F	159	A888	159	A933R(Trans)	290A	A984KD	290A
A714L	281	A733P2	290A	A773-2	383	A829F	159	A888O	159	A933S(Trans)	290A	A984KE	290A
A714LC	219	A733PQ	290A	A774	234	A830(ECB)	232	A888P	159	A933A(TRANS)	294	A984KF	290A
A714LD	219	A733Q	290A	A774A	234	A833	159	A888Q	159	A934(TRANS)	294	A985A	398 ♦
A714LE	281	A735P</											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
A994(BCE)	234	A1038(TRANS)	91	A1109(TRANS)	59	A1185-P	37	A1279-O	378#	A1466-39	102A	A-1901-0050-1	519
A994E(BCE)	290A	A1038E(TRANS)	91	A1110	374#	A1185-Q	37	A1298(Trans)	2407	A1472-19	123	A-1901-0053-1	177
A994F(BCE)	234	A1038S(TRANS)	91	A1110P(Trans)	374#	A1186(TRANS)	37	A1298Q(Trans)	2407	A1474-3	100	A-1901-0096-1	177
A994G(BCE)	234	A1039(TRANS)	91	A1110Q(Trans)	374#	A1187(TRANS)	34	A1298Y(Trans)	2407	A1474-39	100	A-1901-0044-1	519
A995(TRANS)	45	A1039E(TRANS)	91	A1110R(Trans)	374#	A1188	383	A1301(Trans)	2329	A1477A	105	A-1901-0150-1	177
A995F(TRANS)	45	A1039S(TRANS)	91	A1111	1002	A1188D	383	A1301-Q(Trans)	2329	A1477A9	105	A-1901-0156-1	177
A995G(TRANS)	45	A1040	290A	A1111(TRANS)	398	A1189	383	A1301-R(Trans)	2329	A1477B	121MP	A-1901-0196-1	519
A995H(TRANS)	45	A1040(TRANS)	281	A1111P	1002	A1189D	383	A1302(Trans)	2329	A1477B9	121MP	A-1901-0461-1	519
A998	290A	A1040-GR	290A	A1111P(Trans)	398	A1190	383	A1302-Q(Trans)	2329	A1477C	121	A-1901-1067-1	177
A999D	290A	A1040-O	290A	A1111Q(Trans)	398	A1190D	383	A1302-R(Trans)	2329	A1477C9	121	A1901-5338	119
A999E	290A	A1040-Y	290A	A1111R(Trans)	398	A1191	383	A1303	2306#	A1484A	121	A-1946	156
A999L(ECB)	159	A1041	1013	A1112(Trans)	398#	A1191D	383	A1305	153#	A1484A9	121	A1946	116
A999LE(ECB)	159	A1045(TRANS)	248	A1115	290A	A1193(Trans)	2342	A1305-O	153#	A1488B	160	A-2008-9140	519
A999LF(ECB)	159	A1046(TRANS)	250	A1115D	290A	A1193K(Trans)	2342	A1307	378#	A1488B9	160	A-2010-5409-B	912
A1000	125	A1047	374	A1115E	290A	A1198(TRANS)	234	A1307-O	378#	A1488C	100	A-2010-5409-RB	912
A1004	159	A1047D	374	A1115F(Trans)	290A#	A1198R(TRANS)	234	A1308	378#	A1488C9	100	A2019ZC	123A
A1004C	159	A1047E	374	A1116(TRANS)	68	A1198S(TRANS)	234	A1308-O	378#	A1492-1	105	A2039-2	100
A1004D	159	A1047F	374	A1117(TRANS)	68	A1199(ECB)	159	A1310(IC)	1230	A1492-19	105	A20574-2	159
A-1005-725	159	A1048(Trans)	290A#	A1121	159	A1199Q(ECB)	159	A1312(Trans)	2411	A1493(Trans)	59	A2057B2-115	107
A1007	88	A1048O(Trans)	290A#	A1121(Trans)	2407	A1200	1003	A1312G(Trans)	2411	A1494(Trans)	59	A2057B104-8	154
A1007A	88	A1048Y(Trans)	290A#	A1121B	159	A1201	1003	A1313(Trans)	2407	A1516(Trans)	2329	A2057B106-12	159
A1008	292	A1049	290A#	A1121B(Trans)	2407	A1201B	1003	A1313Q(Trans)	2407	A1516-Q(Trans)	2329	A2057B108-6	159
A1008K	292	A1049-GR	290A#	A121C	159	A1201C	1003	A1313Y(Trans)	2407	A1516-R(Trans)	2329	A2057B110-9	129
A1008L	292	A1050(TRANS)	285	A121C(Trans)	2407	A1201C-W	1003	A1314	128	A1518	108	A2057B112-9	129
A1008M	292	A1050A	285	A121D	159	A1201T	1003	A1316	91	A1519	108	A2057B114-9	129
A1010	332	A1050A-O	285	A121D(Trans)	2407	A1202 @	1003 @ A40240	A1331(Trans)	2407	A1520	108	A2057B115-9	129
A1010K	332	A1050A-R	285	A122(Trans)	2409	A1202(Trans)	2429	A1338(Trans)	2407	A1521	108	A2057B116-9	129
A1010L	332	A1050A-Y	285	A122C(Trans)	2409	A1202A	A40240	A1338AL4(Trans)	2407	A1558-17	159	A2057B121-9	129
A1010M	332	A1051A	285	A122D(Trans)	2409	A1202Q(Trans)	2429	A1338AL5(Trans)	2407	A1565	228A	A2057B122-9	129
A1010V	332	A1051A-O	285	A123	32	A1202Y(Trans)	2429	A1341	128	A-1567	123A	A2057B145-12	129
A1011	398	A1051A-R	285	A123-Q	32	A1204(Trans)	2429	A1341(Trans)	2419	A1567	123A	A2057B163-12	129
A1011D	398	A1051A-Y	285	A124C	121	A1204Q(Trans)	2429	A1342	710	A1567-1	123A	A2060(TRANS)	293
A1011E	398	A1052(Trans)	2409	A124-Q	32	A1204Y(Trans)	2429	A1342(Trans)	2417	A-1634 1125	519	A2060P(TRANS)	293
A1012	378	A1052B(Trans)	2409	A124-R	32	A1205(TRANS)	37	A1344(Trans)	2415	A1820-0203-1	941	A2060Q(TRANS)	293
A1012-0	378	A1052C(Trans)	2409	A125C(Trans)	375	A1206	217	A1345(Trans)	2360	A1820-0219-1	941M	A2090	154
A1012-O	153#	A1052D(Trans)	2409	A125-Q	398	A1210	A40240	A1346(Trans)	2358	A1821-0001-1	912	A2311	234
A1012Y	378	A1053(TRANS)	159	A127	234	A1210A	A40240	A1348(Trans)	2356	A1826-0007-1	941	A2332	161
A1013(Trans)	32	A1054(TRANS)	159	A127-R	234	A1214	159	A1353	1080	A1844-17	159	A2402 @	A40240 @ 116
A1013-O	32	A1055(TRANS)	159	A127-S	234	A1215(TRANS)	34	A1357N	1483	A-1853-0009-1	106	A2402A	A40240
A1013-OR	32	A1056(TRANS)	159	A127-T	234	A1216(TRANS)	37	A1362(Trans)	2407	A-1853-0010-1	106	A2410 @	123A @ A40240
A1013-R	32	A1060	37	A128	290A	A1217	185	A1364	1004	A-1853-0016-1	159	A2410A	A40240
A1013R(Trans)	32	A1060Q(Trans)	37	A128-Q	290A	A1220	160	A1364(Trans)	2429	A-1853-0020-1	159	A2411	123A
A1013-Y	32	A1060R(Trans)	37	A128-R	290A	A1220(TRANS)	374	A1364N	1004	A-1853-0027-1	159	A2412	123A
A1014FA-1	290A	A1061	37	A128-T	290A	A1220A(Trans)	374	A1365	712	A-1853-0034-1	106	A2413	123A
A1015	290A	A1061P	37	A129(TRANS)	378	A1225	A40240	A1365(Trans)	2407	A-1853-0036-1	159	A2414	158
A1015-O	290A	A1061Q(Trans)	37	A129L(Trans)	378	A1225A	A40240	A1365E(Trans)	2407	A-1853-0039-1	159	A2415	175
A1015FA-O	290A	A1061R(Trans)	37	A129M(Trans)	378	A1226(Trans)	2407	A1365F(Trans)	2407	A-1853-0041-1	129	A2416	195A
A1015-G	290A	A1062	37	A133(TRANS)	398	A1226E2(Trans)	2407	A1365P	712	A-1853-0049-1	159	A2417	163A
A1015G(Trans)	290A	A1062Q(Trans)	37	A133R(Trans)	398	A1226E3(Trans)	2407	A1366(Trans)	2407	A-1853-0050-1	234	A2418	130
A1015GR	290A	A1062Q(Trans)	37	A133Q(Trans)	398	A1226E4(Trans)	2407	A1366D(Trans)	2407	A-1853-0053-1	218	A2419	109
A1015-OF(Trans)	290A	A1062R(Trans)	37	A133S(TRANS)	391	A1227(TRANS)	37	A1366E(Trans)	2407	A-1853-0058-1	159	A2420	109
A1015-YFA(Trans)	290A	A1063	285	A137(TRANS)	290A	A1232(TRANS)	37	A1366F(Trans)	2407	A-1853-0062-1	159	A2421	116
A1015-YFA(Trans)	290A	A1064	285	A137Q(TRANS)	290A	A1232Q(Trans)	37	A1367	1159	A-1853-0063-1	218	A2422	116
A1015-YFA(Trans)	290A	A1064P(Trans)	285	A137R(TRANS)	290A	A1235(Trans)	37	A1368	738	A-1853-0065-1	159	A2423	156
A1015-YFA(Trans)	290A	A1064R(Trans)	281	A141(TRANS)	37	A1235(Trans)	2407	A1369(C)	1178	A-1853-0066-1	234	A2425	A40240
A1016	129	A1065	285	A-1141-5932	128	A1235E(Trans)	2407	A1373	1094	A-1853-0077-1	234	A2425A	A40240
A1016F(TRANS)	234	A1065Q(Trans)	281	A-1141 6062	123A	A1235F(Trans)	2407	A1374	1121	A-1853-0086-1	234	A2428	159
A1016G(TRANS)	234	A1065R(Trans)	281	A1142(TRANS)	374	A1238	198	A1375	1122	A-1853-0092-1	159	A2434	123A
A1016H(Trans)	234	A1066	378	A1144	374	A1240	A40240	A1376	1122	A-1853-0098-1	159	A2440	A40240
A1016K	234	A1069C	378	A1144-O	374	A1243	100	A1377	160	A-1853-0099-1	159	A2448	159
A1017	234	A1072	281	A1145(Trans)	32	A1245(Trans)	2403	A1378	160	A-1853-0220-1	218	A2458	506
A1018	288	A1072A(TRANS)	281	A1145Q(Trans)	32	A1246(Trans)	290A	A1379	123A	A-1853-0233-1	153	A2459	118
A1018P(ECB)	288	A1073	285	A1145-Y(Trans)	32	A1246S(Trans)	290A	A1379	123A	A1853-0233-1	153	A2460	116
A1018Q(ECB)	288	A1074	285	A1145Y(Trans)	32	A1246T(Trans)	290A	A1380	123A	A-1853-0234-1	153	A2461	116
A1019	91	A1075	34	A1146(TRANS)	37	A1247(Trans)	2411	A1380	123A	A-1853-0254-1	153	A2462	116
A1020(Trans)	25	A1075-B	34	A1146-O	37	A1247C25(Trans)	2411	A1383	126A	A-1853-0285-1	159	A2464	161
A1020-O	25	A1075B	34	A1146-R	37	A1248(Audio)	374	A1384	160	A-1853-0300-1	234	A2465	161
A1021	374	A1075C	34	A1147(TRANS)	37	A1248S(Audio)	374	A1385	126A	A-1853-0321-1	159	A2466	123A
A1021-R	374	A1075-G	34	A1150	290A	A1248T(Audio)	374	A1389(Trans)	74	A-1854-0044-1	123A	A2468	123A
A1021-Y	374	A1078(TRANS)	55	A1150-O	290A	A1248T(Audio)	374	A1396	101	A-1854-0003-1	123A	A2469	123A
A1022(Trans)	2407	A1079(TRANS)	159	A1152(Trans)	159	A1249(Audio)	374	A1401(C-COR)	77	A-1854-0019-1	123A	A2470	123A
A1022A(Trans)	2407	A1081	159	A1152E(Trans)	159	A1249S(Audio)	374	A1401-O	77	A-1854-0022-1	128	A2471	128
A1022B(Trans)	2407	A1082	159	A1154(ECB)	159	A1249T(Audio)	374	A1401-2	316	A-1854-0023-1	128	A2473	128
A1022C(Trans)	2407	A1083	159	A1158(Trans)	290A	A1252(Trans)	2409	A1401-3	77	A-1854-0025-1	123A	A2474	142A
A1024	112	A1084	129P	A1158Y(Trans)	290A	A1252D4(Trans)	2409	A1401-4	77	A-1854-0027-1	123A	A2475	113A
A1025	290A	A1085	129P	A1160(C)	1578	A1252D5(Trans)	2409	A1401-5	77	A-1854-0071-1	123A	A2476	109
A1026(Trans)	290A	A1090	159	A1160Y(Trans)	1578	A1252D6(Trans)	2409	A1401-6	77	A-1854-0087-1	128	A2479	161
A1027(Trans)	290A	A1090-GR	159	A1162(Trans)	2409	A1252D7(Trans)	2409	A1402(C-COR)	77	A-1854-0092-1	128	A2480	116
A1027R(Trans)	290A	A1090-O	159	A1162G(Trans)	2409	A1252D8(Trans)	2413	A1403-0	278	A-1854-0090-1	128	A2481	116
A1028	281#	A1090-Y	159	A1162Q(Trans)	2409	A1255(Trans)	2413	A1403-0	77	A-1854-0092-1	107	A2482	129
A1029	290A	A1091(ECB)	288	A1163Q(Trans)	2411	A1255Q(Trans)	2413	A1405-O	76	A-1854-0094-1	123A	A2485	116
A1029B	290A	A1091-O(ECB)	288	A1164(Trans)	2411	A1256(Trans)	2409	A1405-0	76	A-1854-0099-1	123A	A2488	108
A1029C	290A	A1091R(ECB)	288	A1164E(Trans)	217	A1256E4(Trans)	2409	A1409	154	A-1854-0204-1	123A	A2490	123A
A1029D	290A	A1092	234	A1164R	37	A1256E5(Trans)	2409	A1412-1	123A	A-1854-0215-1	123A	A2620	154
A1030	290A	A1092(Trans)	234	A1166(TRANS)	34	A1256E5(Trans)	2409	A1414A	121	A-1854-0241-1	123A	A2652-919	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
A4030P	1009	A34715	121	A129511	108	A2092418	101	A6846701	389	A7978850	552	AAZ18D	116
A4031	1010	A35084	121	A129512	108	A2092418-0711	101	A6846801	165	A7978855	552	AB35H	189
A4031P	1010	A35201	121	A129513	108	A2092693-0724	108	A6846806	165	A8015613	129	AB50	156
A4032	1011	A35260	121	A129571	108	A2092693-0725	108	A6846860	165	A8052035	3033	AB101	156
A4032P	1011	A35508	109	A129572	108	A2370773	199	A6847905	89	A-11095924	123A	AB200	156
A4050	1150	A36539	142A	A129573	108	A2498512	159	A6848004	89	A11159761	519	AB300	156
A4050P	1150	A36577	129	A129574	108	A3011112	128	A6848520	152	A-11166527	130	AB400	156
A4051	1150	A-36617	519	A129697	159	A3115621	116	A6848908	56	A11200482	159	AB500	156
A4051P	1150	A36896	121	A129699	159	A3115690	558	A6852573	2302	A-11237336	123A	AB600	156
A4086	159	A40410	129	A130139	159	A3170717	154	A6868654	2302	A11414257	123A	AB700	156
A4087	159	A40601	284	A-132591	5802	A3170757	225	A6868702	2302	A-11790169	519	AB800	156
A4100	1180	A41440	159	A133104(Trans)	2407	A3902441	130	A7000900	109	A-10530053-1	216	AB1000	156
A4101	1180	A-41764	525	A133105(Trans)	2407	A4037764-2	2407	A7001800	109	A20030703-0702	159	AB2027	146A
A4101(C)	1180	A-41766	5896	A133106(Trans)	2407	A5010005	519	A7001957	109	A23114050	159	AC0124ANP-15	2164
A4102(C)	1228	A-42125	519	A-134166-2	142A	A5320111	159	A7102001	552	A23114051	159	AC03BGM	5629
A4126	159	A-42126	519	A-140605	130	A6041840	458	A7109395	5007A	A23114550	159	AC03BGM	5629
A4131P	1010	A-42130	5802	A188103	192	A6041880	458	A7109433	5008A	A23114550	159	AC03BGM	5629
A4185T(C)	1637	A-42160	109	A190429	159	A6046940	312	A7109890	5013T1	A2311958	1637	AC03BGM	5629
A4201	113A	A-42180	177	A198794-1	101	A6048402	458	A7110015	5013T1	A23114130	154	AC03BGM	5629
A4212A	125	A-42196	116	A218012DS	121	A6235070	399	A7110016	5011T1	A43021415	123A	AC06BSR	5673
A4212-A	116	A-42218	177	A297074C11	129	A6314340	198	A7110017	5011T1	A43023843	130	AC06BT	56004
A4247	121	A-42242	519	A300043-06	176	A6314446	289A	A7110021	5010A	A43023845	159	AC06DSR	5673
A4260(C)	1685	A-42340	5315	A322805-50-1	128	A6315611	235	A7110023	5010A	A43023845	159	AC06DSR	5673
A4261(C)	1685	A-42342	5896	A335581	912	A6315611	235	A7110023	5010A	A43023845	159	AC06DSR	5673
A4261T(C)	1685	A42946	113A	A391593	181	A6317440	85	A7110041	5010T1	A43023845	159	AC06DSR	5673
A4310	159	A42946B	113A	A417014	181	A6317460	85	A7110052	5013A	A80414120	130	AC08BGR	5633
A4347	121	A46051-1	124	A417032	152	A6317480	85	A7110055	5013A	A80414130	130	AC08BGR	5633
A4400	1193	A47392R-0	128	A417033	192	A6317520	85	A7110055	5013A	AA15	112	AC08DGM	5633
A4400(C)	1193	A49463	555	A417034	192	A6317526	85	A7110077	5013T1	AA15	112	AC08DGM	5633
A4400Y	1211	A-54805-A	5547	A417756	197	A6317540	85	A7110102	5014A	AA1A4M	2355	AC08DGM	5633
A4430	1211	A59625-1	159	A489751-028	159	A6317547	85	A7110114	5014A	AA1F4M	2357	AC08EGM	5637
A4442	159	A59625-2	159	A489751-031	159	A6317560	85	A7110115	5014A	AA1L4M	2357	AC08EGM	5637
A4478	129	A59625-3	159	A573501	159	A6317567	85	A7110115	5014A	AA1M	2357	AC08EGM	5637
A4648	154	A59625-4	159	A610074-1	154	A6317581	85	A7110151	5015A	AA2	101	AC08EGM	5637
A4700	101	A59625-5	159	A610075-1	154	A6317800	165	A7110209	5016A	AA2A	225	AC08EGM	5637
A4745	159	A59625-6	159	A610083	159	A6317801	165	A7110263	5018A	AA2K	225	AC10BGM	5633
A4789	108	A59625-7	159	A610083-1	159	A6317802	165	A7110263	5018A	AA2K	225	AC10BGM	5633
A4802-00004	159	A59625-8	159	A610083-2	159	A6317803	165	A7110410	5021A	AA2B240A	121	AC10BGM	5633
A4808	A25480	A59625-9	159	A610083-3	159	A6317901	238	A7110412	5021A	AA2	225	AC10BGM	5633
A4812	A25480	A59625-10	159	A610110-1	159	A6319300	85	A7110503	5024A	AA3	225	AC10BGM	5633
A4815	159	A59625-11	159	A610120-1	159	A6319302	85	A7110508	145A	AA4	121	AC10BGM	5633
A4819	154	A59625-12	159	A610390-1	108	A6319340	85	A7110509	5024A	AA4	105	AC10BGM	5633
A4822-130-40348	159	A61239FA	8096	A610390-2	235	A6319400	376	A7110509	5024A	AA4	105	AC10BGM	5633
A4825	A25480	A61255FA	8096	A650232E	159	A6319403	376	A7110634	5029A	AA8-1-705	160	AC10BGM	5633
A4838	154	A61271FA	8098	A650235G	290A	A6319500	376	A7110743	5036A	AA8-1A9G	160	AC10BGM	5633
A4843	154	A61301FA	8103	A650236A	159	A6319550	375	A7150041	177	AA10	147A	AC10EGM	5637
A4844	159	A61336FA	8108	A650237F	290A	A6319576	375	A7150041	177	AA10-1	147A	AC10EGM	5637
A4851	108	A61352FA	8115	A650238A	290A	A6319611	325	A715035	519	AA50	116	AC10EGM	5637
A4853	159	A61373FA	8118	A650372D	290A	A6319640	232	A715035	519	AA100	116	AC10EGM	5637
A5226-1	159	A61395FA	8125	A650923F	290A	A6321241	289A	A7150602	177	AA101	5402	AC10EGM	5637
A5253	121	A61417FA	8139	A650925C	290A	A6324842	399	A7246703	177	AA102	5404	AC12BGM	56004
A6015Q	5649	A61433FA	8149	A650925H	290A	A6324842	399	A7246711	177	AA107	5401	AC12BGM	56004
A6181-1	154	A61468FA	8167	A660097	121	A6324924	287	A7246727	177	AA108	5402	AC12BGM	56004
A6358S(C)	926S	A61484FA	8181	A660097	121	A6324940	399	A7246771	177	AA109	5402	AC12BGM	56004
A6364K	187A	A61522FA	8213	A670720K	123A	A6324942	399	A7246950	5007A	AA111	109	AC12BGM	56004
A6364L	187A	A61549FA	8226	A670722D	123A	A6324982	399	A7249601	519	AA112	109	AC12BGM	56004
A7253	154	A65023-63	289A	A670729B	123AP	A6325060	399	A7252802	614	AA112P	109	AC12BGM	56004
A7343AP(C)	1657	A67355H	289A	A67355H	289A	A6325070	399	A7252805	614	AA113	109	AC12BGM	56004
A7343P(C)	1657	A71687-1	159	A67355K	289A	A6330000	399	A7252824	614	AA114	109	AC12BGM	56004
A7520N(C)	1728	A73301	294	A67355K	289A	A6330004	399	A7270300	138A	AA115	5402	AC12BGM	56004
A7614AP(C)	1654	A73302	294	A67355K	289A	A6333310	24	A7272130	5093A	AA116	109	AC12FGML	56008
A7630P(C)	1576	A76225	199	A67355K	289A	A6333320	24	A7279039	121	AA116(SCR)	5404	AC12FGML	56008
A7643P(C)	1617	A76225	199	A67355K	289A	A6333751	229	A7279049	121	AA117	109	AC16BGDS	5673
A7668P(C)	1651	A94004	121	A67355K	289A	A6360250	399	A7283550	519	AA118	109	AC16BGDS	5673
A7668P(C)	1651	A94037	159	A675318A	287	A6501760	153	A7285774	121	AA119	109	AC16BGDS	5673
A7910(C)	1658	A94063	129	A675419H	199	A6502360	294	A7285778	121	AA120	109	AC16BGDS	5673
A8405	159	A95115	101	A678760A	198	A6509120	290A	A7285900	5011A	AA121	109	AC16BGDS	5673
A8540	159	A95211	101	A678760C	198	A6509121	290A	A7286100	137A	AA123	109	AC16BGDS	5673
A8867	159	A95227	159	A678970A	198	A6509140	290A	A7286107	5013A	AA130	109	AC16BGDS	5673
A9218	519	A95232	159	A678970H	198	A6509141	290A	A7286120	5013A	AA131	109	AC16BGDS	5673
A9228-3	519	A112363	130	A678971C	198	A6509240	290A	A7286201	5071A	AA132	109	AC16BGDS	5673
A9903	6408	A-113110	159	A678971D	198	A6531140	290A	A7286300	5071A	AA133	225	AC16BGDS	5673
A-10105	116	A-113335	5944	A683401	175	A6531540	234	A7287100	5019A	AA133(Diode)	109	AC16BGDS	5673
A-10105	116	A-113367(Pwr. Rect.)	125	A701584-00	159	A6532300	398	A7287500	142A	AA134	109	AC16BGDS	5673
A-10113	116	A-113367(Diode)	519	A701589-00	159	A6532320	398	A7287513	142A	AA135	109	AC16BGDS	5673
A-10113	116	A116078	159	A720657	5547	A6532841	162	A7288504	5081A	AA136	109	AC107	102A
A-10118	116	A116081	154	A759500	125	A6532921	129	A7289000	611	AA137	109	AC107	102A
A-10118	116	A116084	129	A772738	108	A6532941	108	A7289047	121	AA138	109	AC107	102A
A-10142	116	A116284	129	A772739	108	A6533730	378	A7289800	506	AA139	109	AC107	102A
A-10164	116	A-118038	125	A815185	129	A6534020	290A	A7290594	121	AA140	109	AC107	102A
A10165	116	A118284	159	A815185E	129	A6534021	290A	A7291252	121	AA142	109	AC113	102A
A10169	116	A119730	159	A815199	159	A6534040	290A	A7297043	121	AA143	109	AC113	102A
A11229(C)	1575	A119983	129	A815199-6	159	A6534045	290A	A7297092	121	AA143S	109	AC113A	102A
A11436A(C)	1650	A-120018	128	A815203-5	121MP	A6534063	290A	A7297093	121	AA144	109	AC113A	102A
A11744	312	A-120077	5021A	A815211	159	A6534120	25	A7509201	116	AA200	116	AC113A	102A
A11745	312	A-120125(Diode)	177	A815213	159	A6534125	25	A7568160	552				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
AC124	102A	AC181	103A	ACY41	102	AD308H	938	AE-920-11	1288	AF243HJ	485	AM06200076	503
AC-125	102A	AC181K	103A	ACY41-1	102A	AD558(Timer)	926	AE920-11	1288	AF251	160	AM1	5830
AC125	102A	AC182	102A	ACY44-1	102A	AD710CH	910	AE920-12	1288	AF252	160	AM2	5830
AC-126	102A	AC183	158 + 103(CP)	ACZ	160	AD710CN	910D	AE920-12	1288	AF253	160	AM3	116
AC126	158	AC183	103A	AD-1UF	116	AD711CH	911	AE920-13	1288	AF256	160	AM4	5830
AC127	103A	AC184	102A	AD8	506	AD711CN	911D	AE920-13	1288	AF306	160	AM5	5830
AC-127	103A	AC185	103A	AD10	116	AD741C	941	AE920-14	1288	AF699	159	AM-6-5	116
AC127-01	103A	AC186	158 + 103(CP)	AD29	156	AD741CH	941	AE920-14	1288	AF3570	159	AM9LS298PC	74LS298
AC127/01	103A	AC186	103A	AD29A-4	159	AD741CN	941D	AE920-15	1288	AF3590	159	AM11	5834
AC127-132	103A	AC187	103A	AD29A-5	159	AD741KH	941	AE920-15	1288	AF21490	159	AM12	5834
AC127/AC132	103A + 102A(CP)	AC187/01	103A	AD29A-6	159	AD741KN	941M	AE920-16	1288	AFCS1170F	159	AM13	116
AC127/K	103A	AC187D	103A	AD29A-9	159	AD1408-7	2056	AE920-16	1288	AFS-160-1017	109	AM21	5834
AC-128	102A	AC187K	410/103A	AD-29B	506	AD1408-7D	2056	AE920-17	1288	AFS-160-1020	110MP	AM22	5834
AC128	158	AC187R	103A	AD29E-1	159	AD1491V	121	AE920-17	1288	AFS-160-1021	116(4)	AM-22	116
AC128/01	158	AC188	158	AD29E-2	159	AD1501V	121	AE920-18	1288	AFS24226	159	AM23	116
AC128-01	158	AC188/01	158	AD29E-4	159	AD4001	116	AE920-18	1288	AFT0019M	159	AM24	5834
AC128K	158	AC188D	158	AD29E-5	159	AD4002	125	AE920-19	1288	AFT052	159	AM27S12	74S570
AC129	160	AC189	410/158	AD29E-6	159	AD4003	125	AE920-19	1288	AFT1341	159	AM27S12D	74S570
AC130	101	AC189	102A	AD29E-7	159	AD4004	125	AE920-20	1288	AFT1746	159	AM27S12DC	74S570
AC131	102A	AC192	102A	AD29E-8	159	AD4005	125	AE920-21	1288	AF10(Diode)	506	AM27S13	74S571
AC131-30	158	AC193	158	AD29E-9	159	AD4006	125	AF101	160	AFY11	126A	AM27S13D	74S571
AC132	102A	AC193K	158	AD29E-10	159	AD4007	125	AF-101	100	AFY12	160	AM27S13DC	74S571
AC132	102A	AC194	103A	AD29E-11	159	AD4008	125	AF-102	100	AFY14	160	AM27S18	74S188
AC132-01	102A	AC194K	103A	AD29E-12	159	AD7516JN	4015	AF103	126A	AFY15	160	AM27S18DC	74S188
AC133A	102A	AC200	156	AD30	177	ADC0802LCD	2053	AF-105A	160	AFY16	160	AM27S18DD	74S188
AC134	102A	AC300	5804	AD30A1	159	ADC0802LCN	2053	AF105A	160	AFY18	126A	AM27S19	74S288
AC135	102A	AC400	5804	AD30A2	159	ADC0803LCN	2053	AF106	160	AFY18C	160	AM27S19D	74S288
AC136	102A	AC500	5806	AD30A3	159	ADC0804LCN	2053	AF106A	160	AFY18D	160	AM27S19DC	74S288
AC137	102A	AC600	5806	AD30A4	159	ADC0804CPL	2053	AF107	160	AFY18E	160	AM27S20	74S387
AC138	158	AC800	5808	AD30A5	159	ADC0804LCD	2053	AF108	126A	AFY19	126A	AM27S20D	74S387
AC139	158	AC1000	5809	AD50	116	ADC0804LCN	2053	AF109	160	AFY34	160	AM27S20DC	74S387
AC141	103A	AC900	159	AD100	116	ADC0805LCN	2053	AF-109	160	AFY37	160	AM27S21	74S287
AC141B	103A	AC908	159	AD100(Diode)	116	ADC0805LCN	2053	AF109R	160	AFY38	160	AM27S21D	74S287
AC141B	103A + 158(CP)	AC908A	159	AD103	179	ADC3501CCN	2052	AF110	160	AFY40	160	AM27S21DC	74S287
AC141K	103A + 158(CP)	AC908S	159	AD104	179	ADC3501ELC	2052	AF111	160	AFY40K	160	AM27S28	74S473
AC141K	103A	AC12801	158	AD105	179	ADX1103	5046A	AF112	160	AFY40R	160	AM27S28D	74S473
AC142	158	AC12801	103A	AD121	121	ADX1148	116	AF113	160	AFY41	160	AM27S28DC	74S473
AC142K	158	AC12801	158	AD130/3	121	ADX1152	519	AF114	126A	AFY42	160	AM27S29	74S472
AC148	121	ACDC9000-1	159	AD130/4	121	ADX1158	519	AF114N	160	AFZ1	160	AM27S29D	74S472
AC150	102A	AC-N7B	102A	AD130/5	121	ADX1518	5002A	AF115	126A	AFZ12	160	AM27S29DC	74S472
AC-150	102A	ACO6BSR	5673	AD130-III	121	ADY22	121	AF115N	160	AFZ23	100	AM27S30	74S475
AC150GRN	102A	ACO6BSR	5673	AD130-IV	121	ADY23	121	AF116	126A	AG6	188	AM27S30D	74S475
AC150VEL	102A	ACO6DSR	5673	AD130-V	121	ADY24	121	AF116N	126A	AG9	100	AM27S30DC	74S475
AC151	102A	ACO6DT	56006	AD131	121	ADY-26	105	AF117	126A	AG100D	116	AM27S31	74S474
AC151	102A	ACO6BGM	5633	AD131/3	121	ADY26	213	AF117C	160	AG100G	116	AM27S31D	74S474
AC151-IV	102A	ACO6BGM	5633	AD131/4	121	ADY-27	121	AF117N	160	AG100J	116	AM27S31DC	74S474
AC151V	102A	ACO6BGM	5633	AD131-IV	121	ADY27	121	AF118	126A	AG134	126A	AM27S32	74S572
AC151R	102A	ACO6BGM	5635	AD131-III	121	ADY27/4	121	AF118N	126A	AGY-001	1212	AM27S32D	74S572
AC151-RIV	102A	ACO6BGM	5635	AD131-IV	121	ADY27/5	121	AF121	160	AGH001	1212	AM27S32DC	74S572
AC151RIV	102A	ACO6BGM	5635	AD131-V	121	ADY27V	121	AF-121	160	AGH-002	1212	AM27S33	74S573
AC151-RV	102A	ACO6BGM	5637	AD132	121	ADY28	121	AF121/01	160	AGH002	1212	AM27S33D	74S573
AC151RV	102A	ACO6BGM	5637	AD132-IV	121	ADY27-IV	121	AF121S	160	AGH-003	1341	AM27S33DC	74S573
AC151-RVI	102A	ACO6BGM	5637	AD132/2	121	ADZ11	105	AF122	160	AH1	125	AM27S18D	74S478
AC151V	102A	ACO6BGM	5637	AD132/3	121	ADZ12	105	AF124	160	AH394-40-0951	125	AM27S18DC	74S478
AC151V	102A	ACO6BGM	5637	AD132/4	121	AE1A	156	AF125	126A	AH805	125	AM27S18DDC	74S479
AC151-V	102A	ACR83-1001	126A	AD132/5	121	AE1B	156	AF126	126A	AH810	125	AM27S181	74S478
AC151VI	102A	ACR83-1002	126A	AD132-111	121	AE1C	156	AF127	126A	AH815	125	AM27S181D	74S478
AC151-VII	102A	ACR83-1003	126A	AD132-V	121	AE1D	156	AF127/01	160	AH961/05/2N612	378 + 377(0)	AM27S185	74S454
AC151VII	102A	ACR83-1004	100	AD133	179	AE1E	156	AF128	160	AH961/15T/MJE9	185	AM27S185D	74S454
AC-152	102A	ACR83-1005	100	AD138	121	AE1F	156	AF129	126A	AH961/15T/MPS9	229	AM27S185DC	74S454
AC152	102A	ACR83-1006	100	AD138/50	121	AE1G	156	AF130	126A	AH1005	125	AM27S185D	74S454
AC152-IV	102A	ACR83-1007	109	AD140	121	AE3A	5800	AF131	126A	AH1010	125	AM32	5838
AC152IV	158	ACR83-1008	116	AD140	121	AE3B	5801	AF132	126A	AH1015	125	AM33	116
AC152-V	102A	ACR83-1009	126A	AD142	179	AE3C	5802	AF133	126A	AHT800031C0	229	AM33	116
AC152V	102A	ACR83-1010	126A	AD142	179	AE3D	5804	AF134	126A	AIE	161	AM33	116
AC152V	102A	ACR83-1010-102	126A	AD143	121	AE3E	5806	AF135	126A	AJ5	116	AM34	5838
AC152VI	102A	ACR83-1013	126A	AD143B	121	AE3F	5808	AF136	126A	AJ10	116	AM34	5838
AC152-VI	102A	ACR83-1014	100	AD143R	121	AE3G	5809	AF137	126A	AJ15	116	AM42	5838
AC153	158	ACR83-1015	100	AD145	121	AE10	177	AF137A	160	AJ20	116	AM43	116
AC153K	158	ACR83-1016	100	AD145-4	121	AE30	177	AF138	126A	AJ25	116	AM44	5838
AC154	158	ACR83-1017	109	AD145-5	121	AE50	177	AF139/290	100	AJ30	116	AM51	5842
AC-154	102A	ACR83-1018	116	AD145-6	121	AE-50	102A	AF139	160	AJ-30	116	AM52	5842
AC155	102A	ACY16	102A	AD149	104	AE100	177	AF142	160	AJ35	116	AM53	116
AC155	102A	ACY17	102A	AD-149	121	AE150	177	AF143	160	AJ40	116	AM54	5842
AC-156	102A	ACY-17	102A	AD149-01	121	AE200	177	AF144	126A	AJ50	116	AM63	116
AC156	102A	ACY17-1	102A	AD149-02	121	AE301	548	AF146	160	AJ60	116	AM64	5842
AC157	103	ACY18	102A	AD149-4	121	AE320	1232	AF147	160	AJ103	179	AM65	116
AC-157	103A	ACY-18	102A	AD149-5	121	AE900	786	AF148	160	AK74156	74156	AM66	116
AC160	102A	ACY18-1	102A	AD149B	121	AE902	786	AF149	160	AKR320/16UNF	6106	AM74LS138	74LS138
AC160A	102A	ACY19	102A	AD149C	121	AE904	743	AF150	160	AL100	127	AM74LS151	74LS151
AC160B	102A	ACY19	102A	AD149-IV	121	AE904	743	AF151	160	AL101	121	AM74LS153	74LS153
AC160GRN	102A	ACY19-1	102A	AD149V	121	AE904-01	743	AF156	160	AL102	127	AM74LS157	74LS157
AC160RED	102A	ACY20	102A	AD149-V	121	AE904-01	743	AF166	160	AL103	127	AM74LS158PC	74LS158
AC160VEL	102A	ACY20	102A	AD150	121	AE904-02	743	AF166	160	AL113	179	AM74LS160	74LS160A
AC-161	102A	ACY20-1	102A	AD-150	121	AE904-03	743	AF167	160	AL210	160	AM74LS160D	74LS160A
AC161	102A	ACY21	102A	AD150(Diode)	177	AE904-03	743	AF168	160	AL80130	1112	AM74LS160P	74LS160A
AC-162	102A	ACY21	102A	AD150-4	121	AE904-3	743	AF169	160	ALB6494612	196	AM74LS161	74LS161A
AC162	102A	ACY21-1	102A	AD150-5	121	AE904-3	743	AF170	160	ALC1	113A	AM74LS162	74LS162

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
AM74LS670	74LS670	AM9102A	2102	AM-G-10	116	AN79M24	971	AN278	1448	AN5720	1607	AN7812	966
AM74LS670C	74LS670C	AM9102ADC	2102	AM-G-11	170	AN787S	1192	AN278/S	1448	AN5722	1610	AN7812LB	966
AM74LS670D	74LS670D	AM9102APC	2102	AM-G22	116	AN103-0	1192	AN287	1569	AN5730	1234	AN7815	968
AM93L08DC	93L08	AM9102BDC	2102	AM-G-22	116	AN103-0G	1192	AN288	1069	AN5732	1234	AN7816	968
AM93L08DC	93L08	AM9102BDC	2102	AMLM201	1171	AN115	1226	AN289	1182	AN5740	1612	AN7824	972
AM93L08DM	93L08	AM9102BDC	2102	AMLM201A	1171	AN136	1053	AN295	1587	AN5752	1629	AN7905	961
AM93L08DM	93L08	AM9102C	2102	AMLM301	1171	AN155	1474	AN301	1446	AN5753	1629	AN7906	963
AM93L16DC	93L16	AM9102C2DC	2102	AMLM301A	1171	AN156	615A	AN301/T	1446	AN5753P	1629	AN7908	965
AM93L16DC	93L16	AM9102C2PC	2102	AMLM308A	938	AN158	749	AN302	1264	AN6041	1708	AN7912	967
AM93L16DM	93L16	AM9102C2DC	2102	AMLM310	924	AN203	1054	AN303	1265	AN6209	1710	AN7915	969
AM93L16DM	93L16	AM9102PC	2102	AMLM319N	919D	AN203AA	1054	AN304	1400	AN6209K	1710	AN7918	959
AM93L16PC	93L16	AM9114B	2114	AMLM348N	948	AN203BA	1054	AN304A	1400	AN6291	1744	AN7924	971
AM93L16PC	93L16	AM9114BC	2114	AMP2919-2	130	AN203BB	1054	AN305	1266	AN6291Y	1744	AND101RG	3016
AM224D	987	AM9114BDC	2114	AMP2970-2	129	AN203C	1054	AN313	1444	AN6300-Q	1412	AND103G	3014
AM300	177	AM9114BDC	2114	AMP-2971-4	128	AN206	1057	AN313/N	1444	AN6300-Q	1412	AND104F	3012A
AM300A	177	AM9114BPC	2114	AMUSB7741393	941	AN-206	1057	AN313U	1444	AN6306	1712	AND105G	3015
AM301	177	AM9114C	2114	AMUSB7747393	947	AN206AB	1057	AN315	1240	AN6307	1711	AND105R	3013A
AM301A	177	AM9114C2DC	2114	AMUSR7723393	923	AN206B	1057	AN316	1260	AN6321	1621	AND105R	3013B
AM302	177	AM9114C2PC	2114	AMU6A7723393	923D	AN206S	1057	AN318	1268	AN6320N	1419	AND105R	3013C
AM302A	177	AM9114C	2114	AMU6A7741393	941D	AN208	1136	AN328	1250	AN6320-Q	1419	AND105R	3013D
AM303	177	AM9114PC	2114	AMX3550	74LS00	AN208LL	1136	AN328	1070	AN6321	1622	AND105R	3013E
AM303A	177	AM9128-15DC	2128	AMX3551	74LS02	AN210	1055	AN331	1168	AN6326N	1689	AND105R	3013F
AM304	177	AM9128-15DCB	2128	AMX3552	74LS04	AN210A	1055	AN337	1269	AN6328	1427	AND105R	3013G
AM304A	177	AM9128-15DM	2128	AMX3553	74LS05	AN210B	1055	AN337	1269	AN6330	1419	AND105R	3013H
AM305	177	AM9128-15PC	2128	AMX3554	74LS11	AN210C	1055	AN340P	1454	AN6331	1422	AND105R	3013I
AM305A	177	AM9128-15PCB	2128	AMX3555	74LS20	AN210D	1055	AN340Q	1454	AN6332	1422	AND105R	3013J
AM306	177	AM9128-20DC	2128	AMX3556	74LS30	AN211	1056	AN342	1071	AN6332-Q	1422	AND105R	3013K
AM306A	177	AM9128-20DCB	2128	AMX3557	74LS32	AN211-A	1056	AN343	1428	AN6333	1422	AND105R	3013L
AM307	177	AM9128-20DM	2128	AMX3558	74LS36	AN211A	1056	AN343	1428	AN6334	1422	AND105R	3013M
AM307A	177	AM9128-20DMB	2128	AMX3560	74LS83	AN211AB	1056	AN362	1248	AN6340P	1422	AND105R	3013N
AM308	177	AM9128-20PC	2128	AMX3561	74LS132	AN211-AB	1056	AN362L	1248	AN6341N	1425	AND105R	3013O
AM308A	177	AM9128-20PCB	2128	AMX3562	74LS153	AN211-B	1056	AN363	1217	AN6341-Q	1425	AND105R	3013P
AM324D	987	AM9147-55	2147	AMX3563	74LS157	AN211B	1056	AN363N	1217	AN6342	1427	AND105R	3013Q
AM324D	987	AM9147-70	2147	AMX3564	74LS158	AN211A	1056	AN366P	1242	AN6342N	1427	AND105R	3013R
AM405	116	AM9147D-55	2147	AMX3565	74LS174	AN213AB	1059	AN374	1224	AN6342-Q	1427	AND105R	3013S
AM410	116	AM9147D-70	2147	AMX3566	74LS175	AN214	1058	AN374A	1224	AN6343	1700	AND105R	3013T
AM415	116	AM9147P-55	2147	AMX3567	74LS367	AN214P	1058	AN374A	1224	AN6344	1428	AND105R	3013U
AM420	116	AM9147P-70	2147	AMX3568	74LS368	AN214P-QR	1058	AN374P	1452	AN6344-Q	1428	AND105R	3013V
AM425	116	AM9308DC	8308	AMX3569	75LS28	AN214PQR	1058	AN380	1191S	AN6345	1568	AND105R	3013W
AM430	116	AM9308DC	8308	AMX3573	75LS28	AN214PQR	1058	AN380	1191S	AN6350	1701	AND105R	3013X
AM435	116	AM9308DM	8308	AMX3586	3880	AN214PR	1058	AN610	1442	AN6350	1701	AND105R	3013Y
AM440	116	AM9308DM	8308	AMX3586	7404	AN214Q	1058	AN610	1442	AN6360	1702	AND105R	3013Z
AM445	116	AM9308PC	8308	AMX3675	7408	AN214Q	1058	AN610P	1442	AN6361N	1703	AND105R	3013AA
AM450	116	AM9308PC	8308	AMX3683	7408	AN214-Q	1058	AN612	1249	AN6362N	1314	AND105R	3013AB
AM460	116	AM9314DC	8314	AMX3684	7407	AN214QR	1058	AN612	1249	AN6367P	1630	AND105R	3013AC
AM620	177	AM9314DC	8314	AMX3688	927D	AN214-R	1058	AN640G	1270	AN6390	1623	AND105R	3013AD
AM620A	177	AM9314DM	8314	AMX3688	74LS08	AN214R	1058	AN640G	1270	AN6390	1623	AND105R	3013AE
AM626	177	AM9314DM	8314	AMX3701	74LS08	AN214R	1058	AN640G	1270	AN6390	1623	AND105R	3013AF
AM626A	177	AM9314PC	8314	AMX3706	74LS393	AN217A	1060	AN640G	1270	AN6390	1623	AND105R	3013AG
AM632	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AH
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AI
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AJ
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AK
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AL
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AM
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AN
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AO
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AP
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AQ
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AR
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AS
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AT
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AU
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AV
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AW
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AX
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AY
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013AZ
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BA
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BB
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BC
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BD
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BE
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BF
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BG
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BH
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BI
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BJ
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BK
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BL
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BM
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BN
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BO
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BP
AM632A	177	AM9314PC	8314	AMX3716	74LS14	AN217AA	1060	AN640G	1270	AN6390	1623	AND105R	3013BQ
AM632A	177	AM9314PC											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
AR-13.....	121	AR224(Yellow).....	107	AT100H.....	102A	AT438-1.....	159	AUY31.....	121	AZ7.....	144A	AZ974B.....	5085A
AR14.....	121	AR304.....	290A	AT100M.....	102A	AT440.....	128	AUY33.....	121	AZ7.5.....	138A	AZ975.....	5038A
AR-14.....	121	AR304(Green).....	159	AT100N.....	102A	AT441.....	128	AUY37.....	179	AZ8.2.....	5072A	AZ975A.....	5038A
AR15.....	130	AR304(Red).....	129	AT100S.....	127	AT442.....	128	AUY38.....	127	AZ9.....	139A	AZ975B.....	5086A
AR-15.....	124	AR306.....	123A	AT310.....	107	AT443.....	128	AV0000105-0.....	177	AZ9.1.....	140A	AZ976.....	5039A
AR15-L8-0026.....	130	AR306(Blue).....	123A	AT311.....	107	AT444.....	128	AV01-07.....	141A	AZ11.....	5074A	AZ976A.....	5039A
AR16.....	116	AR306(Orange).....	123A	AT312.....	107	AT445.....	128	AV5.....	142A	AZ12.....	5074A	AZ976B.....	5087A
AR17.....	152	AR308.....	129	AT313.....	107	AT446.....	128	AV10.....	147A	AZ13.....	143A	AZQ00-001GEA.....	1165
AR17.....	116	AR308(Violet).....	159	AT314.....	107	AT447.....	159	AV104(Zener).....	5186A	AZ15.....	145A	AZQ001GEA.....	1165
AR17(Grey).....	152	AR313.....	108	AT315.....	107	AT451-1.....	159	AV105.....	121	AZ-15.....	145A	AZY.....	107
AR17(Transistor).....	152	AR410.....	6402	AT316.....	107	AT452.....	159	AV105(Zener).....	5188A	AZ18.....	5027A	B00.....	7442
AR17(Philco).....	175	AR501.....	222	AT318.....	107	AT452-1.....	159	AV107(Zener).....	5194A	AZ22.....	5030A	B0075660.....	7473
AR17A.....	175	AR502.....	222	AT319.....	107	AT453.....	159	AV110.....	5203A	AZ27.....	146A	B01.....	7475
AR17B.....	116	AR6011.....	1275	AT321.....	107	AT453-1.....	159	AV116.....	5220A	AZ27A.....	146A	B01-01.....	116
AR18.....	116	ARC109.....	357	AT322.....	107	AT454.....	159	AV2012.....	142A	AZ-100.....	140A	B01-02.....	116
AR-18.....	124	AS-2.....	116	AT323.....	107	AT454-1.....	159	AV-2015.....	145A	AZ-105.....	5074A	B01-02(DIODE).....	116
AR18(Diode).....	116	AS2.....	116	AT324.....	107	AT455.....	159	AV2015.....	145A	AZ-110.....	5074A	B02.....	7476
AR18(Philco).....	175	AS3.....	116	AT325.....	107	AT455-1.....	159	AV2027.....	146A	AZ-115.....	141A	B03.....	7476
AR19.....	116	AS-3.....	116	AT326.....	107	AT456.....	129	AV2027A.....	146A	AZ-125.....	143A	B06C.....	116
AR20.....	116	AS3A.....	5800	AT327.....	107	AT461.....	129	AV2033.....	147A	AZ-125.....	143A	B071.....	138A
AR21.....	116	AS3B.....	5801	AT328.....	107	AT462.....	129	AV2055.....	148A	AZ-130.....	143A	B090.....	139A
AR22.....	116	AS3D.....	5802	AT329.....	123A	AT463.....	129	AV2062.....	149A	AZ-135.....	144A	B094.....	140A
AR22(rectifier).....	184	AS3E.....	5806	AT330.....	107	AT464.....	129	AV2062.....	150A	AZ-140.....	144A	B0102.....	116
AR22(Philco).....	182	AS3F.....	5808	AT331.....	159	AT465.....	129	AV210.....	145A	AZ-145.....	145A	B0301-049.....	181
AR23.....	125	AS4.....	116	AT331A.....	159	AT466.....	129	AV8015(Zener).....	5191A	AZ-150.....	145A	B02022.....	5455
AR23(transistor).....	183	AS-4.....	116	AT332.....	159	AT467.....	129	AV8018(Zener).....	5194A	AZ-157.....	5075A	B02023.....	5455
AR23(Philco).....	5808	AS-5.....	116	AT333.....	159	AT468.....	129	AV8022(Zener).....	5197A	AZ-162.....	5075A	B02025.....	5457
AR23(rectifier).....	153	AS-6.....	116	AT334.....	128	AT470.....	128	AV8056.....	5212A	AZ-172.....	5076A	B02026.....	5457
AR23(Transistor).....	125	AS-7.....	116	AT335.....	123A	AT471.....	128	AV8082.....	5217A	AZ-177.....	5077A	B02611.....	5453
AR24.....	125	AS-8.....	116	AT335A.....	159	AT472.....	128	AVC133.....	147A	AZ-182.....	5077A	B02612.....	5454
AR24(Red).....	186	AS11.....	116	AT336.....	123A	AT473.....	128	AW01(RCA).....	143A	AZ-187.....	5078A	B02644.....	5452
AR24(rectifier).....	5808	AS14.....	116	AT337.....	123A	AT474.....	128	AW01-06.....	5070A	AZ-197.....	5078A	B02645.....	5453
AR24(transistor).....	184	AS15.....	116	AT338.....	128	AT475.....	128	AW-01-07.....	5071A	AZ746.....	5066A	B03002.....	5455
AR24(Philco).....	186	AS-15.....	116	AT339.....	128	AT476.....	128	AW01-08.....	5072A	AZ747.....	5067A	B03003.....	5455
AR24(FORD).....	196	AS215.....	121	AT340.....	161	AT477.....	128	AW01-09.....	139A	AZ748.....	5067A	B03005.....	5457
AR25.....	153	AS210L-1.....	5417	AT341.....	161	AT478.....	128	AW01-09.....	139A	AZ749.....	5068A	B03006.....	5457
AR25(Green).....	153	AS2010L-2.....	5418	AT342.....	161	AT479.....	128	AW-01-09.....	139A	AZ750.....	5068A	B03007.....	5457
AR25(White).....	108	AS2010L-3.....	5419	AT343.....	161	AT480.....	129	AW01-09.....	139A	AZ751.....	5068A	B03008.....	5457
AR25(Orange).....	108	AS3428.....	101	AT344.....	161	AT481.....	129	AW-01-09.....	139A	AZ752.....	5068A	B03009.....	5457
AR25G.....	107	AS33867.....	102A	AT345.....	161	AT482.....	129	AW-01-09.....	139A	AZ753.....	5068A	B03010.....	5457
AR26.....	211	AS33868.....	102A	AT346.....	161	AT483.....	129	AW-01-09.....	139A	AZ754.....	5068A	B03011.....	5457
AR27.....	197	AS34280.....	160	AT347.....	123A	AT484.....	129	AW01-9C/P3112030.....	139A	AZ755.....	5068A	B03012.....	5457
AR27(Green).....	153	ASL802001-1.....	912	AT348.....	123A	AT485.....	129	AW01-9V.....	139A	AZ756.....	5068A	B03013.....	5457
AR28.....	196	AS12-1.....	158	AT349.....	123A	AT486.....	129	AW01-10.....	140A	AZ757.....	5068A	B03014.....	5457
AR28(Red).....	196	AS12-2.....	158	AT350.....	154	AT487.....	129	AW01-11.....	140A	AZ758.....	5068A	B03015.....	5457
AR29.....	211	AS13-1.....	158	AT351.....	154	AT488.....	129	AW01-12.....	142A	AZ759.....	5068A	B03016.....	5457
AR30.....	196	AS13-2.....	158	AT352.....	128	AT489.....	129	AW01-12C.....	142A	AZ760.....	5068A	B03017.....	5457
AR-30.....	153	AS14.....	158	AT353.....	128	AT490.....	123A	AW01-12V.....	142A	AZ761.....	5068A	B03018.....	5457
AR35.....	196	AS14-1.....	158	AT354.....	128	AT491.....	123A	AW01-13.....	5022A	AZ762.....	5068A	B03019.....	5457
AR37.....	197	AS14-2.....	158	AT355.....	128	AT492.....	129	AW01-15.....	145A	AZ763.....	5068A	B03020.....	5457
AR37(Green).....	153	AS14-3.....	158	AT356.....	128	AT493.....	129	AW01-16.....	5075A	AZ764.....	5068A	B03021.....	5457
AR38.....	196	AS14-4.....	158	AT357.....	128	AT494.....	129	AW01-18.....	5077A	AZ765.....	5068A	B03022.....	5457
AR38(Red).....	196	AS14-5.....	158	AT358.....	128	AT495.....	123A	AW01-20.....	5079A	AZ766.....	5068A	B03023.....	5457
AR43.....	153	AS14-6.....	158	AT359.....	128	AT496.....	128	AW01-22.....	5080A	AZ767.....	5068A	B03024.....	5457
AR44.....	153	AS14-7.....	158	AT360.....	128	AT497.....	128	AW01-24.....	5081A	AZ768.....	5068A	B03025.....	5457
AR-102.....	102A	AS14-8.....	158	AT361.....	128	AT498.....	128	AW01-27.....	146A	AZ769.....	5068A	B03026.....	5457
AR102.....	158	AS14-9.....	158	AT362.....	128	AT499.....	128	AW01-30.....	5084A	AZ770.....	5068A	B03027.....	5457
AR103.....	160	AS14-10.....	158	AT363.....	128	AT500.....	128	AW01-33.....	147A	AZ771.....	5068A	B03028.....	5457
AR-103.....	102A	AS14-11.....	158	AT364.....	128	AT501.....	128	AW01-33.....	147A	AZ772.....	5068A	B03029.....	5457
AR104.....	160	AS14-12.....	158	AT365.....	128	AT502.....	128	AW01-33.....	147A	AZ773.....	5068A	B03030.....	5457
AR-104.....	102A	AS14-13.....	158	AT366.....	128	AT503.....	128	AW01-33.....	147A	AZ774.....	5068A	B03031.....	5457
AR105.....	160	AS14-14.....	158	AT367.....	128	AT504.....	128	AW01-33.....	147A	AZ775.....	5068A	B03032.....	5457
AR-105.....	102A	AS14-15.....	158	AT368.....	128	AT505.....	128	AW01-33.....	147A	AZ776.....	5068A	B03033.....	5457
AR-107.....	123A	AS14-16.....	158	AT369.....	128	AT506.....	128	AW01-33.....	147A	AZ777.....	5068A	B03034.....	5457
AR107.....	123A	AS14-17.....	158	AT370.....	128	AT507.....	128	AW01-33.....	147A	AZ778.....	5068A	B03035.....	5457
AR-108.....	123A	AS14-18.....	158	AT371.....	128	AT508.....	128	AW01-33.....	147A	AZ779.....	5068A	B03036.....	5457
AR108.....	123A	AS14-19.....	158	AT372.....	128	AT509.....	128	AW01-33.....	147A	AZ780.....	5068A	B03037.....	5457
AR111.....	161	AS14-20.....	158	AT373.....	128	AT510.....	128	AW01-33.....	147A	AZ781.....	5068A	B03038.....	5457
AR-200.....	123A	AT4.....	160	AT374.....	128	AT511.....	128	AW01-33.....	147A	AZ782.....	5068A	B03039.....	5457
AR200.....	108	AT4-1.....	160	AT375.....	128	AT512.....	128	AW01-33.....	147A	AZ783.....	5068A	B03040.....	5457
AR200(Green).....	107	AT4-2.....	160	AT376.....	128	AT513.....	128	AW01-33.....	147A	AZ784.....	5068A	B03041.....	5457
AR200W.....	108	AT4-3.....	160	AT377.....	128	AT514.....	128	AW01-33.....	147A	AZ785.....	5068A	B03042.....	5457
AR201.....	108	AT4-4.....	160	AT378.....	128	AT515.....	128	AW01-33.....	147A	AZ786.....	5068A	B03043.....	5457
AR-201.....	123A	AT4-5.....	160	AT379.....	128	AT516.....	128	AW01-33.....	147A	AZ787.....	5068A	B03044.....	5457
AR201(Yellow).....	108	AT4-6.....	160	AT380.....	128	AT517.....	128	AW01-33.....	147A	AZ788.....	5068A	B03045.....	5457
AR201Y.....	108	AT4-7.....	160	AT381.....	128	AT518.....	128	AW01-33.....	147A	AZ789.....	5068A	B03046.....	5457
AR-202.....	123A	AT4-8.....	160	AT382.....	128	AT519.....	128	AW01-33.....	147A	AZ790.....	5068A	B03047.....	5457
AR202.....	108	AT4-9.....	160	AT383.....	128	AT520.....	108	AW01-33.....	147A	AZ791.....	5068A	B03048.....	5457
AR202(Green).....	108	AT4-10.....	160	AT384.....	128	AT521.....	101	AW01-33.....	147A	AZ792.....	5068A	B03049.....	5457
AR202G.....	108	AT4-11.....	160	AT385.....	128	AT522.....	101	AW01-33.....	147A	AZ793.....	5068A	B03050.....	5457
AR203.....	128	AT4-12.....	160	AT386.....	128	AT523.....	101	AW01-33.....	147A	AZ794.....	5068A	B03051.....	5457
AR203(Red).....	128	AT4-13.....	160	AT387.....	128	AT524.....	101	AW01-33.....	147A	AZ795.....	5068A	B03052.....	5457
AR203R.....	128	AT4-14.....	160	AT388.....	128	AT525.....	101	AW01-33.....	147A	AZ796.....	5068A	B03053.....	5457
AR204.....	123A	AT4-15.....	160	AT389.....	128	AT526.....	101	AW01-33.....	147A	AZ797.....	5068A	B03054.....	5457
AR205.....	123A	AT4-16.....	160	AT390.....	128	AT527.....	101	AW01-33.....	147A	AZ798.....	5068A	B03055.....	5457
AR206.....	123A	AT4-17.....	160	AT391.....	128	AT528.....	101	AW01-33.....	147A	AZ799.....	5068A	B03056.....	5457
AR207.....	192	AT4-18.....	160										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
B1C5	116	B3E5	116	B6G1	156	B28(Japan)	104	B66-3A21	102A	B125C800	5304	B156AB	102A
B1C9	116	B3E9	116	B6G5	156	B29	102A	B66H	102A	B125C1000A	5304	B156AC	102A
B1D	152	B3F1	116	B6G9	156	B-30	109	B66X0035-001	118	B125C1500	167	B156B	102A
B1D1	116	B3F5	116	B6H1	156	B30	109	B66X0038-001	119	B125C1500/1000	168	B156BC	102A
B1D-1	184	B3F9	116	B6H5	156	B30(Japan)	104	B66X0040-001	142A	B125C1500R	5304	B156C	102A
B1D5	116	B3G1	116	B6H9	156	B30-12	351	B66X0040-002	5079A	B125C2000/1500	168	B156D	102A
B1D9	116	B3G5	116	B6K1	156	B30-13	506	B66X0040-003	139A	B125C3200-2200N	5310	B156P	102A
B1E	191	B3G9	116	B6K5	156	B30C50KP	167	B66X0040-004	5141A	B126	121	B156T	126A
B1E(Quasar)	191	B3H1	125	B6K9	156	B30C250	116	B66X0040-005	140A	B126A	121	B158	126A
B1E-1	191	B3H5	125	B6M1	156	B30C250-1	116	B66X0040-006	130	B126AA	121	B159	126A
B1E1	116	B3H9	125	B6M5	156	B30C250KP	167	B66X0040-007	5081A	B126AB	121	B160	126A
B1E1(Quasar)	191	B3K5	125	B6M9	156	B30C350-1	116	B66X0040-008	5100A	B126AC	121	B161	102
B1E5	116	B3K9	125	B6N1	506	B30C500	116	B66X0041-001	120	B126AD	121	B163	102
B1E9	116	B3M1	125	B6N5	506	B30C500/250	166	B69	121	B126AE	121	B165	102
B1F	184	B3M5	125	B6N9	506	B30C600	116	B71	102A	B126AF	121	B167	158
B1F1	116	B3M9	125	B6P	123AP	B30C600CB	116	B72	102	B126AG	121	B168	102A
B1F5	116	B3N1	506	B7A1	156	B30C1000	166	B73	102A	B126AH	121	B-169	123A
B1F9	116	B3N5	506	B7A5	156	B-30P	109	B73A	102A	B126B	121	B169	123A
B1G	191	B3N9	506	B7A9	156	B-31	116	B73B	102A	B126C	121	B169(Japan)	123A
B1G1	116	B-3P	109	B7B1	156	B31	116	B73C	102A	B126D	121	B170	102A
B1G5	116	B4A1	116	B7B5	156	B31(transistor)	104	B73GR	102A	B126E	121	B171	102A
B1G9	116	B4A-1-A-21	121	B7B9	156	B31(rectifier)	116	B74	158	B126F	121	B171(Japan)	102A
B1H	161	B4A5	116	B7C1	156	B32	102A	B74-3-A-21	100	B126G	121	B171B	102A
B1H1	125	B4A9	116	B7C5	156	B32-0	102A	B74-3A21	100	B126H	121	B172	102A
B1H5	125	B4B1	116	B7C9	156	B32-1	102A	B75	102A	B126V	121	B172-5	156
B1H9	125	B4B5	116	B7D1	156	B32-2	102A	B75A	100	B127	121	B172-10	156
B1J	159	B4B9	116	B7D5	156	B32-4	102A	B75AH	102A	B127A	121	B172-20	156
B1K	123A	B4C1	116	B7D9	156	B32N	102A	B75B	102A	B127AM	121	B172-30	156
B1K1	125	B4C5	116	B7E1	156	B33	102A	B75C	102A	B127AN	121	B172-40	156
B1K5	125	B4C9	116	B7E5	156	B33-4	102A	B75F	102A	B127AO	121	B172-50	156
B1K9	125	B4D1	116	B7E9	156	B33C	102A	B75H	102A	B127AP	121	B172-60	156
B1M	188	B4D5	116	B7F1	156	B33D	102A	B75LB	102A	B127AQ	121	B172-70	156
B1M1	125	B4D9	116	B7F5	156	B33E	102A	B76	102A	B127AS	121	B172-80	156
B1M5	125	B4E1	116	B7F9	156	B33F	102A	B77	102A	B127AT	121	B172-90	156
B1M9	125	B4E5	116	B7G1	156	B34	102	B77(Organ)	519	B127N	121	B172-100	156
B1N	123A	B4E9	116	B7G5	156	B34N	102	B77(B)	102A	B127O	121	B172A	102A
B1N-1	159	B4F1	116	B7G9	156	B35-02	587	B77A	102A	B127P	121	B172AF	102A
B1N-2	159	B4F5	116	B7H1	156	B35C600	125	B77A-1-21	125	B127Q	121	B172B	102A
B1P	163A	B4F9	116	B7H5	156	B37	102A	B77A	102A	B127S	121	B172C	102A
B1P-1	163A	B4G1	116	B7H9	156	B37A	102A	B77AB	102A	B128	127	B172D	102A
B1P7201	123A	B4G5	116	B7K1	156	B37B	102A	B77AC	102A	B128A	127	B172E	102A
B1R	247	B4G9	116	B7K5	156	B37C	102A	B77AD	102A	B128AA	127	B172F	102A
B1T	283	B4H1	125	B7K9	156	B37E	102A	B77AH	102A	B128AB	127	B172H	102A
B1U	241	B4H5	125	B7M1	156	B37F	102A	B77AP	102A	B128AC	127	B172P	102A
B1U148	184	B4H9	125	B7M5	156	B38	102	B77B	102A	B128AD	127	B172R	102A
B1V	286	B4K1	125	B7M9	156	B39	102A	B77B-1-21	121	B128AE	127	B172S	102A
B1VB40	168	B4K5	125	B7N1	506	B40	102A	B77B-11	102A	B128AF	127	B173A	102A
B1W	123A	B4K9	125	B7N5	506	B40-12	320	B77C	102A	B128AG	127	B173B	102A
B1Y	286	B4M1	125	B7N9	506	B40-28	360	B77C-1-21	121MP	B128AH	127	B173C	102A
B1Z	175	B4M5	125	B8P-2-A-21	102A	B40C800	5304	B77D	102A	B128B	127	B173L	102A
B2A	159	B4M9	125	B8P-2A21	102A	B40C1000	5304	B77D0016-1	5675	B128C	127	B173M	102A
B2A1	116	B-5	176	B9L-4-A-21	102A	B40C1000A	5304	B77H	102A	B128D	127	B173N	102A
B2A5	116	B5	102A	B9L-4A21	102A	B40C1500	166	B77T0049	8614	B128E	127	B173P	102A
B2A9	116	B5-31S	5400	B10A	5322	B40C1500R	5304	B77V	102A	B128F	127	B173S	102A
B2B	175	B5A	102A	B10B	5322	B40C2000/1500	166	B77VRED	102A	B128G	127	B173T	102A
B2B1	116	B5A(Motorola)	165	B10D	5324	B40C3200-2200N	5309	B78	102A	B128H	127	B173U	102A
B2B5	116	B5A(Horizontal)	165	B10F	5326	B41	102	B78	102A	B128I	127	B173V	102A
B2B9	116	B5A(Quasar)	165	B10H	5327	B41-04	121	B78	102A	B128J	127	B173W	102A
B2C1	116	B5A1	116	B10K	5328	B42	121	B80C800	5304	B129	127	B173X	102A
B2C5	116	B5A5	116	B10Z	5322	B43	102A	B80C1000	5304	B130	131	B173Y	102A
B2C9	116	B5A9	116	B12(Diode)	125	B43-04	552	B80C1000A	5304	B130A	131	B173Z	102A
B2D	123A	B5B1	116	B12-01	116	B43A	102A	B80C1500	166	B131(Japan)	121	B174	102A
B2D1	116	B5B5	116	B12-02	116	B44	102A	B80C1500R	5304	B131A	121	B174P	102A
B2D5	116	B5B9	116	B12-02R	116	B44-04	552	B80C2000/1500	167	B132	153	B174R	102A
B2D9	116	B5C	175	B12-02RK	116	B44-06	552	B80C3200-2200N	5309	B132(Japan)	121	B174S	102A
B2E	159	B5C1	116	B12-04	116	B46	102A	B81-004	586	B132A	121	B174T	102A
B2E1	116	B5C5	116	B12-06	116	B46-110	113A	B83	104	B133	121	B174U	102A
B2E5	116	B5C9	116	B12-1A21	123A	B-46-110	178MP	B83-7	5697	B134(Japan)	102A	B174V	102A
B2E9	116	B5D	154	B12-1A-21	123A	B47	102A	B84	121	B134A	121	B174W	102A
B2F1	116	B5D1	116	B12-10	125	B48	102	B84A-1-21	121	B134B	102A	B174X	102A
B2F5	116	B5D5	116	B12-12	350	B49	102A	B85	127	B134C	121	B174Y	102A
B2F9	116	B5D9	116	B12-28	357	B50	102A	B87	127	B134D	102A	B174Z	102A
B2G	159	B5E	196	B12-28	357	B51	116	B87J0007	128	B134-E	102A	B175	102A
B2G1	116	B5E1	116	B13-1029	76	B51(Japan)	102	B88B-1-21	160	B135	102A	B175A	102A
B2G5	116	B5E5	116	B14A-1-21	121	B52	102	B88C-1-21	100	B135A	102A	B175B	102A
B2G9	116	B5E9	116	B15-12	350	B53	102	B89	102A	B135B	102A	B175C	102A
B2H	162	B5F	291	B16	125	B54	102A	B89A	102A	B135C	102A	B175D	102A
B2H1	125	B5F1	116	B22-3	102A	B54B	102A	B89AH	102A	B135D	102A	B175E	102A
B2H5	125	B5F5	116	B22-3	102A	B54E	102A	B89H	102A	B135E	102A	B175F	102A
B2H9	125	B5F9	116	B-22-3	102A	B54F	102A	B90	102A	B135F	102A	B175G	102A
B2J	184	B5G	124	B22-4	102A	B54Y	102A	B91	116	B136	102A	B175H	102A
B2K	186	B5G1	116	B-22-4	102A	B55	116	B92	102A	B136-2	102A	B175I	102A
B2K1	125	B5G5	116	B22A	102A	B55(Transistor)	102A	B92-1A21	105	B136-3	102A	B175J	102A
B2K3	125	B5G9	116	B22B	102A	B56	102A	B92-1-A-21	101	B136A	102A	B175K	102A
B2K9	125	B5H1	125	B22H	102A	B56-15	5802	B94	102A	B136B	102A	B175L	102A
B2L	283	B5H5	125	B22I	102A	B56-33	5801	B95	102A	B136C	102A	B175M	102A
B2M	186	B5H9	125	B22R	102A	B56A	102A	B97	102A	B136D	102A	B175N	102A
B2M1	125	B5J	123A	B22S	102A	B56B	102A	B98	102	B136E	102A	B175O	102A
B2M-1	159	B5K1	125	B22Y	102A	B56C	102A	B-100	77	B136F	102A	B175P	102A
B2M-2	159	B5K5	125	B23	102A	B57	102A	B100	102	B136G	102A	B175Q	102A
B2M-3	159	B5K9	125	B-23	102A	B58	158	B100(Zener)	140A	B137	121	B175R	102A
B2M5	125	B5M1	125	B23-1	102A	B59	116	B101	102	B138	102A	B175S	102A
B2M9	125	B5M5	125	B23-1	102A	B60	102A	B102	102	B139	102A	B175T	102A
B2P	286	B5M9	125	B23-2	102A	B60A	102A	B105	158	B140	102A	B175U	102A
B2S	159	B5P	191	B-23-2	102A	B60C300	116(4)	B107	121	B141	102A	B175V	102A
B2SB241	104	B6A1	156	B23-79	197	B61	102A	B107A	121	B142	102A	B175W	102A
B2SB244	104	B6A5	156	B23-82	196	B62	226	B10					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
B185P	102A	B250C3200-2200N	5311 ♦	B331H	213	B383-1	102A	B448	131	B481U	131	B532	281
B186	102A	B251	127	B331HA	213	B383-2	102A	B449	121	B481V	131	B532P	281
B186(O)	102A	B251A	127	B331HB	213	B384	102A	B449A	121	B481W	131	B532Q	281
B186-1	102A	B252	127	B331HC	213	B385	102A	B449B	121	B481X	131	B532R	281
B186 (Sanyo)	102A	B252A	127	B332	213	B386	102A	B449C	121	B481Y	131	B532S	281
B186A	102A	B253	127	B332H	213	B387	102A	B449D	121	B482	102A	B533	176
B186AG	102A	B253A	127	B332HA	213	B389	102A	B449E	121	B483	179	B534	102A
B186B	102A	B254	226	B332HB	213	B390	127	B449F	121	B484	179	B534A	102A
B186BY	102A	B255	226	B332HC	213	B391	127	B449G	121	B485	179 ♦	B535	158
B186C	102A	B256	226	B333	213	B392	100	B449H	121	B486	102	B536	292
B186G	102A	B257	102A	B335	102	B393	176	B449I	121	B492	176	B536A	292
B186H	102A	B258	213 ♦	B336	102A	B394	100	B449J	121	B492B	176	B536K	292
B186-K	102A	B259	213	B337	121	B395	100	B449K	121	B493	158	B536L	292
B186L	102A	B260	213	B337A	121	B396	102	B449L	121	B495	158	B536M	292
B186Y	102A	B261	102A	B337B	121	B400	102A	B449M	121	B495A	158	B537	292
B187	102A	B262	102A	B337BK	121	B400A	102A	B449T	121	B495B	158	B537K	292
B187(1)	102A	B263	102A	B337H	121	B400B	158	B450	158	B495C	158	B537L	292
B187 (Sanyo)	102A	B264	102A	B337HA	121	B400C	102A	B450A	158	B495D	158	B537LM	292
B187A	102A	B265	102A	B337HB	121	B401	100	B451	158	B495T	158	B539	285
B187B	102A	B266	102A	B338	121	B402	100	B452	158	B496	102A	B539AQ	285
B187C	102A	B266A-1	159	B338H	121	B403	100	B452A	158	B497	102A	B539AR	285
B187D	102A	B266B-1	159	B338HA	121	B405	158	B453	158	B498	102A	B539AS	285
B187G	102A	B267	102A	B338HB	121	B405(PROM)	74S475	B457	158	B500C1500	169	B539BQ	285
B187K	102A	B268	102A	B339	179	B405-2C	158	B457A	158	B500C3200-2200N	5311 ♦	B539BR	285
B187R	102A	B267	102A	B339H	179	B405-3C	158	B457AA	158	B502	197	B539BS	285
B187RED	102A	B268	102A	B340	179	B405-4C	158	B457AB	158	B502A	197	B539CQ	285
B187S	102A	B269	102A	B340H	179	B405A	158	B457AC	158	B502B	197	B539CR	285
B187Y	102A	B269-3345	102A	B341	127	B405B	158	B457AD	158	B502R	197	B539CS	285
B187YEL	102A	B270	102A	B341H	127	B405C	158	B457C	158	B502Y	197	B539Q	285
B188	102A	B270A	102A	B341V	127	B405C(PROM)	74S475	B458	158	B503	197	B539R	285
B191-5	5940	B270B	102A	B342	127	B405C-E(PROM)	74S475	B458A	131	B503A	197	B539S	285
B196	5635	B270C	102A	B343	127	B405D	158	B459	102A	B503B	197	B541	88
B199	102A	B270D	102A	B343	127	B405E(PROM)	74S475	B459A	102A	B503R	197	B542	159
B200	102A	B270E	102A	B345	5400	B405E-E(PROM)	74S475	B459B	102A	B503Y	197	B542(BCE)	290A
B200A	102A	B271	102A	B346	102A	B405E	158	B459C	102A	B506	88	B542C(BCE)	290A
B200C40	116	B-271	541	B346K	102A	B405-E(PROM)	74S475	B459D	102A	B506(Korea)	332	B542D(BCE)	290A
B201	102A	B272	102A	B346Q	102A	B405G	158	B459E	102A	B506A	88	B542E(BCE)	290A
B202	102A	B273	102A	B347	102A	B405H	158	B459F	102A	B506B	285	B544	294
B203AA	179	B274(Japan)	127	B348	102A	B405I	102A	B460	102A	B506C	285	B544D	294
B204	179	B274(Sylvania)	128	B348Q	102A	B405R	158	B460B	102A	B506D	285	B544E	294
B205	179	B275	127	B348R	102A	B405RE	158	B462	131 ♦	B506-O(Korea)	332	B544F	294
B206	102A	B276	127	B349	102A	B405S	158	B463	131	B506R(Korea)	332	B544G	193A
B215	121	B277-14(Dumont)	398	B350	102A	B406(PROM)	74S572	B463L	131	B507	153	B544H	193A
B216	121	B278-14(Dumont)	375	B351	105	B406C(PROM)	74S572	B463E	131	B507C(Trans)	153	B544I	193A
B216A	121	B282	127	B352	213	B406C-E(PROM)	74S572	B463R	131	B507D(Trans)	153	B544P1F	193A
B217	121	B283	121	B352D	213	B406D(PROM)	74S572	B463Y	131	B507E	153	B546	398
B217A	121	B284	121	B353	214	B406D-E(PROM)	74S572	B464	127	B508	153	B546(Korea)	398
B217G	121	B285	127	B355	104	B406-E(PROM)	74S572	B465	226 ♦	B508C(Trans)	153	B546A	398
B217U	121	B-288	548	B356	104	B407	121	B466	226 ♦	B508D(Trans)	153	B546B	398
B219	102	B290	100	B357	127	B407-O	121	B467	226 ♦	B508E(Trans)	153	B546C	398
B220	102	B291	100	B358	127	B407TV	121	B468	127	B509	153	B546AM(Trans)	398
B220A	102	B292	100	B359	127	B408	102A	B468A	127	B510	323	B546E	398
B221	102	B292A	100	B360	127	B408(PROM)	74S479	B468B	127	B510S	323	B546EK	398
B221A	102	B293	102A	B361	127	B408C(PROM)	74S479	B468C	127	B511	153	B546F	398
B222	102	B294(rectifier)	116	B362	127	B408D(PROM)	74S479	B468D	127	B511C	153	B546I	398
B223	102	B294(transistor)	102A	B364	158	B410	127	B470	102A	B511D	153	B546K	398
B223-10	156	B295	121	B365	158	B411	153	B471	121	B511E	187A	B546L	398
B223-20	525	B296	127	B365B	158	B412	131	B471-2	121	B512	153	B546M	398
B223-30	156	B-298	541	B366	127	B414	226	B471A	153	B512-0	153	B546N	398
B223-40	156	B299	102A	B367	131	B415	158	B471B	121	B512A	197	B546O	398
B223-50	156	B300	127	B367(A)	131	B415A	158	B472	121 ♦	B512AP	197	B547	398 ♦
B223-60	156	B301	127	B367A	131	B415B	158	B472A	127	B512B-Q	197	B547A	398 ♦
B224	102A	B302	102A	B367B	131	B416	100	B472B	121 ♦	B512C-Q	197	B547K	398 ♦
B224(Japan)	102	B303(Transistor)	102A	B367C	131	B417	100	B472C	131	B512D	197	B547L	398 ♦
B226	102A	B303-0	102A	B367H	131	B422	102	B473A	131	B512P	153	B547M	398 ♦
B227	102A	B303A	102A	B368	131 ♦	B423	102	B473B	131	B512Q	153	B548	374
B228	127	B303B	102A	B368A	131 ♦	B424	121	B473C	131	B512R	153	B548Q	374
B229	127	B303C	102A	B368B	131 ♦	B425	121	B473D	131	B513	153	B548R	374
B230	127	B303H	102A	B368H	131 ♦	B425(PROM)	74S474	B473E	131	B513A	197	B548S	374
B231	127	B303K	102A	B370	102A	B425C(PROM)	74S474	B473F	131	B513AP	197	B549	374
B232	127	B304	158	B370A	102A	B425C-E(PROM)	74S474	B473G	131	B513AQ	197	B549Q	374
B233	127	B304A	158	B370AA	102A	B425D(PROM)	74S474	B473H	131	B513B	197	B549R	374
B234	127	B309	127	B370AB	102A	B425D-E(PROM)	74S474	B473I	131	B514	153	B549S	374
B234N	127	B310	127	B370AC	102A	B425-E(PROM)	74S474	B473J	131	B514C	153	B550	88
B235	213	B310(Zener)	5085A	B370AHA	102A	B425Y	127	B473N	131	B514D	153	B551H	218
B235A	213	B311	127	B370AHB	102A	B426	121	B473O	131	B514E	153	B551HA	218
B236	105	B312	127	B370B	102A	B426(PROM)	74S573	B473R	131	B515	153	B551HC	218
B237	105	B312(RF)	348	B370C	102A	B426BL	121	B474	226	B515C	153	B551I	218
B237-12A	105	B313	127	B370D	102A	B426C(PROM)	74S573	B474-2	226	B515D	153	B552	285
B237-12B	105	B315	102A	B370P	102A	B426C-E(PROM)	74S573	B474-3	226	B515E	153	B553(Trans)	55
B238	158	B-315-1	158	B370PB	102A	B426D(PROM)	74S573	B474-4	226	B516C	102A	B553-O(Trans)	55
B238-12A	158	B316	102A	B370V	102A	B426D-E(PROM)	74S573	B474-6D	226	B516CD	102A	B553-Y(Trans)	55
B238-12B	158	B317	102A	B371	102A	B426-E(PROM)	74S573	B474MP	226	B516D	102A	B554	285
B238-12SX4	158	B318	127	B371D	102A	B426R	121	B474S	226	B516P	102A	B554-0	285
B246	104	B319	127	B372	176	B426Y	121	B474V4	226	B520	281	B554-R	285
B247	104	B320	127	B373	176	B427	226	B474V10	226	B522-1	197	B555	281
B248	104	B321	102A	B375	127	B428	102A	B474Y	226	B522-893	113A	B555-O	281
B248A	104	B322	102A	B375-2B	127	B428(PROM)	74S478	B475	102A	B523	153	B556	281
B249	179	B323	102A	B375-5B	127	B428C(PROM)	74S478	B475A	102A	B523B	153	B556O	281
B249A	179	B-324	158	B375A	127	B428D(PROM)	74S478	B475B	102A	B523C	153	B556R	281
B250	104	B324	158	B375A-2B	127	B430	213	B475C	102A	B524	153	B557	281
B250A	104	B324A	158	B375A-5B	127	B431	158	B475D	102A	B524C	153	B557-O	281
B250C7K4S	116	B324B	158	B375A-NB	127	B432	127	B475E	102A	B524D	153	B557-R	281
B250C75	116	B324D	158	B375TV	127	B433	213	B475F	102A	B525(BCE)	294	B558	281
B250C75K4	116	B324E	158	B376	102A	B434	153	B475G	102A	B525C(BCE)	294	B558-O	281
B250C75K5	116												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
B562B	294	B624BV5(Trans)	2407	B666B	285	B710Q(Trans)	2407	B758A(Trans)	381	B795L(Trans)	254	B861(Trans)	55
B562C	294	B628	398	B666C	285	B710R(Trans)	2407	B759B(Trans)	254	B795M(Trans)	254	B861C(Trans)	55
B562D	294	B629Q	398	B668	262	B710S(Trans)	2407	B759Q(Trans)	234	B798(Trans)	2429	B863	37
B563	286	B628R	398	B668A	262	B711	262	B798R(Trans)	234	B798DK(Trans)	2429	B863(Trans)	37
B564	294	B628S	398	B669	262	B712(Trans)	262	B798DL(Trans)	2429	B798DL(Trans)	2429	B863O	37
B564A(Korea)	129P	B630	398	B669A	262	B713(Trans)	262	B798DM(Trans)	2429	B798DM(Trans)	2429	B863R	37
B564A-V(Korea)	129P	B631	374	B673	262	B713-P(Trans)	37	B798K(Trans)	2429	B798K(Trans)	2429	B867(Trans)	55
B564A(Korea)	129P	B631D	374	B674	262	B713-Q(Trans)	37	B798L(Trans)	2429	B798L(Trans)	2429	B867-P(Trans)	55
B564K	294	B631E	374	B675	262	B713-R(Trans)	37	B798M(Trans)	2429	B798M(Trans)	2429	B867Q(Trans)	55
B564KA(Trans)	294	B631F	374	B676	262	B714	176	B798N(Trans)	2429	B798N(Trans)	2429	B867R(Trans)	55
B564L	294	B631K	374	B677	262	B715D	91	B799K(Trans)	2429	B799K(Trans)	2429	B868(Trans)	55
B564LA(Trans)	294	B631KD	374	B681	285	B715E	91	B799L(Trans)	2429	B799L(Trans)	2429	B868-P(Trans)	55
B564M	294	B631KE	374	B681-O	285	B716	91	B799M(Trans)	2429	B799M(Trans)	2429	B868Q(Trans)	55
B564MA(Trans)	294	B631KF	374	B681-R	285	B716A	91	B799MK(Trans)	2429	B799MK(Trans)	2429	B868R(Trans)	55
B566	292	B632	185	B682	292	B716A0	91	B799ML(Trans)	2429	B799ML(Trans)	2429	B869(Trans)	55
B566-04	292	B632D	185	B682B	292	B716D	91	B799MM(Trans)	2429	B799MM(Trans)	2429	B869-P(Trans)	55
B566A	292	B632E(Trans)	185	B682C	292	B716E	91	B800(Trans)	2429	B800(Trans)	2429	B869Q(Trans)	55
B566AB	292	B632F(Trans)	185	B683	197	B716G	91	B800FK(Trans)	2429	B800FK(Trans)	2429	B869R(Trans)	55
B566AC	292	B632K	185	B683C	197	B719	398	B800FL(Trans)	2429	B800FL(Trans)	2429	B870(Trans)	55
B566AK	292	B632KD	185	B683D	197	B719A	398	B800FM(Trans)	2429	B800FM(Trans)	2429	B870-P(Trans)	55
B566AKB	292	B632KE(Trans)	185	B684	294	B719B	398	B800K(Trans)	2429	B800K(Trans)	2429	B870Q(Trans)	55
B566AKC	292	B633(Trans)	378	B685	271	B719C	398	B800L(Trans)	2429	B800L(Trans)	2429	B870R(Trans)	55
B566B	292	B633C(Trans)	378	B685K	271	B719D	398	B800M(Trans)	2429	B800M(Trans)	2429	B871(Trans)	378
B566C	292	B633D(Trans)	378	B685L	271	B720(Trans)	398	B800N(Trans)	290A	B800N(Trans)	290A	B871-A(Trans)	378
B566D	292	B633E(Trans)	378	B686	391	B721	159	B800P(Trans)	383	B800P(Trans)	383	B871-AP(Trans)	378
B566E	292	B633F(Trans)	378	B686-O	37	B722	159	B800Q(Trans)	290A	B800Q(Trans)	290A	B871-AQ(Trans)	378
B566F	292	B633G(Trans)	378	B686-R	37	B723(Trans)	290A	B800R(Trans)	294	B800R(Trans)	294	B871-AR(Trans)	378
B566G	292	B633H(Trans)	378	B686-S	37	B724	290A	B800S(Trans)	294	B800S(Trans)	294	B871-AT(Trans)	378
B566H	292	B633I(Trans)	378	B686-T	37	B725(Trans)	290A	B800T(Trans)	294	B800T(Trans)	294	B871-B(Trans)	378
B566I	292	B633J(Trans)	378	B686-U	37	B726	290A	B800U(Trans)	294	B800U(Trans)	294	B871-C(Trans)	378
B566J	292	B633K(Trans)	378	B686-V	37	B727(Trans)	290A	B800V(Trans)	294	B800V(Trans)	294	B871-D(Trans)	378
B566K	292	B633L(Trans)	378	B686-W	37	B728(Trans)	290A	B800W(Trans)	294	B800W(Trans)	294	B871-E(Trans)	378
B566L	292	B633M(Trans)	378	B686-X	37	B729(Trans)	290A	B800X(Trans)	294	B800X(Trans)	294	B871-F(Trans)	378
B566M	292	B633N(Trans)	378	B686-Y	37	B730(Trans)	290A	B800Y(Trans)	294	B800Y(Trans)	294	B871-G(Trans)	378
B566N	292	B633O(Trans)	378	B686-Z	37	B731(Trans)	290A	B800Z(Trans)	294	B800Z(Trans)	294	B871-H(Trans)	378
B566O	292	B633P(Trans)	378	B686-0	37	B732(Trans)	290A	B8000(Trans)	294	B8000(Trans)	294	B871-I(Trans)	378
B566P	292	B633Q(Trans)	378	B686-1	37	B733(Trans)	290A	B8001(Trans)	294	B8001(Trans)	294	B871-J(Trans)	378
B566Q	292	B633R(Trans)	378	B686-2	37	B734(Trans)	290A	B8002(Trans)	294	B8002(Trans)	294	B871-K(Trans)	378
B566R	292	B633S(Trans)	378	B686-3	37	B735(Trans)	290A	B8003(Trans)	294	B8003(Trans)	294	B871-L(Trans)	378
B566S	292	B633T(Trans)	378	B686-4	37	B736(Trans)	290A	B8004(Trans)	294	B8004(Trans)	294	B871-M(Trans)	378
B566T	292	B633U(Trans)	378	B686-5	37	B737(Trans)	290A	B8005(Trans)	294	B8005(Trans)	294	B871-N(Trans)	378
B566U	292	B633V(Trans)	378	B686-6	37	B738(Trans)	290A	B8006(Trans)	294	B8006(Trans)	294	B871-O(Trans)	378
B566V	292	B633W(Trans)	378	B686-7	37	B739(Trans)	290A	B8007(Trans)	294	B8007(Trans)	294	B871-P(Trans)	378
B566W	292	B633X(Trans)	378	B686-8	37	B740(Trans)	290A	B8008(Trans)	294	B8008(Trans)	294	B871-Q(Trans)	378
B566X	292	B633Y(Trans)	378	B686-9	37	B741(Trans)	290A	B8009(Trans)	294	B8009(Trans)	294	B871-R(Trans)	378
B566Y	292	B633Z(Trans)	378	B686-A	37	B742(Trans)	290A	B8010(Trans)	294	B8010(Trans)	294	B871-S(Trans)	378
B566Z	292	B634	88	B686-B	37	B743(Trans)	290A	B8011(Trans)	294	B8011(Trans)	294	B871-T(Trans)	378
B567	292	B637	91	B686-C	37	B744(Trans)	290A	B8012(Trans)	294	B8012(Trans)	294	B871-U(Trans)	378
B567A	292	B637K	91	B686-D	37	B745(Trans)	290A	B8013(Trans)	294	B8013(Trans)	294	B871-V(Trans)	378
B567B	292	B637L	91	B686-E	37	B746(Trans)	290A	B8014(Trans)	294	B8014(Trans)	294	B871-W(Trans)	378
B567C	292	B637M	159	B686-F	37	B747(Trans)	290A	B8015(Trans)	294	B8015(Trans)	294	B871-X(Trans)	378
B567D	292	B637N	159	B686-G	37	B748(Trans)	290A	B8016(Trans)	294	B8016(Trans)	294	B871-Y(Trans)	378
B567E	292	B637O	159	B686-H	37	B749(Trans)	290A	B8017(Trans)	294	B8017(Trans)	294	B871-Z(Trans)	378
B567F	292	B637P	159	B686-I	37	B750(Trans)	290A	B8018(Trans)	294	B8018(Trans)	294	B872(Trans)	262
B567G	292	B637Q	159	B686-J	37	B751(Trans)	290A	B8019(Trans)	294	B8019(Trans)	294	B872A(Trans)	262
B567H	292	B637R	159	B686-K	37	B752(Trans)	290A	B8020(Trans)	294	B8020(Trans)	294	B872B(Trans)	262
B567I	292	B637S	159	B686-L	37	B753(Trans)	290A	B8021(Trans)	294	B8021(Trans)	294	B872C(Trans)	262
B567J	292	B637T	159	B686-M	37	B754(Trans)	290A	B8022(Trans)	294	B8022(Trans)	294	B872D(Trans)	262
B567K	292	B637U	159	B686-N	37	B755(Trans)	290A	B8023(Trans)	294	B8023(Trans)	294	B872E(Trans)	262
B567L	292	B637V	159	B686-O	37	B756(Trans)	290A	B8024(Trans)	294	B8024(Trans)	294	B872F(Trans)	262
B567M	292	B637W	159	B686-P	37	B757(Trans)	290A	B8025(Trans)	294	B8025(Trans)	294	B872G(Trans)	262
B567N	292	B637X	159	B686-Q	37	B758(Trans)	290A	B8026(Trans)	294	B8026(Trans)	294	B872H(Trans)	262
B567O	292	B637Y	159	B686-R	37	B759(Trans)	290A	B8027(Trans)	294	B8027(Trans)	294	B872I(Trans)	262
B567P	292	B637Z	159	B686-S	37	B760(Trans)	290A	B8028(Trans)	294	B8028(Trans)	294	B872J(Trans)	262
B567Q	292	B638	248	B686-T	37	B761(Trans)	290A	B8029(Trans)	294	B8029(Trans)	294	B872K(Trans)	262
B567R	292	B638H	248	B686-U	37	B762(Trans)	290A	B8030(Trans)	294	B8030(Trans)	294	B872L(Trans)	262
B567S	292	B638I	248	B686-V	37	B763(Trans)	290A	B8031(Trans)	294	B8031(Trans)	294	B872M(Trans)	262
B567T	292	B638J	248	B686-W	37	B764(Trans)	290A	B8032(Trans)	294	B8032(Trans)	294	B872N(Trans)	262
B567U	292	B638K	248	B686-X	37	B765(Trans)	290A	B8033(Trans)	294	B8033(Trans)	294	B872O(Trans)	262
B567V	292	B638L	248	B686-Y	37	B766(Trans)	290A	B8034(Trans)	294	B8034(Trans)	294	B872P(Trans)	262
B567W	292	B638M	248	B686-Z	37	B767(Trans)	290A	B8035(Trans)	294	B8035(Trans)	294	B872Q(Trans)	262
B567X	292	B638N	248	B686-0	37	B768(Trans)	290A	B8036(Trans)	294	B8036(Trans)	294	B872R(Trans)	262
B567Y	292	B638O	248	B686-1	37	B769(Trans)	290A	B8037(Trans)	294	B8037(Trans)	294	B872S(Trans)	262
B567Z	292	B638P	248	B686-2	37	B770(Trans)	290A	B8038(Trans)	294	B8038(Trans)	294	B872T(Trans)	262
B568	281	B638Q	248	B686-3	37	B771(Trans)	290A	B8039(Trans)	294	B8039(Trans)	294	B872U(Trans)	262
B568A	281	B638R	248	B686-4	37	B772(Trans)	290A	B8040(Trans)	294	B8040(Trans)	294	B872V(Trans)	262
B568B	281	B638S	248	B686-5	37	B773(Trans)	290A	B8041(Trans)	294	B8041(Trans)	294	B872W(Trans)	262
B568C	281	B638T	248	B686-6	37	B774(Trans)	290A	B8042(Trans)	294	B8042(Trans)	294	B872X(Trans)	262
B568D	281	B638U	248	B686-7	37	B775(Trans)	290A	B8043(Trans)	294	B8043(Trans)	294	B872Y(Trans)	262
B568E	281	B638V	248	B686-8	37	B776(Trans)	290A	B8044(Trans)	294	B8044(Trans)	294	B872Z(Trans)	262
B568F	281	B638W	248	B686-9	37	B777(Trans)	290A	B8045(Trans)	294	B8045(Trans)	294	B873(Trans)	262
B568G	281	B638X	248	B686-A	37	B778(Trans)	290A	B8046(Trans)	294	B8046(Trans)	294	B873A(Trans)	262
B568H	281	B638Y	248	B686-B	37	B779(Trans)	290A	B8047(Trans)	294	B8047(Trans)	294	B873B(Trans)	262
B568I	281	B638Z	248	B686-C	37	B780(Trans)	290A	B8048(Trans)	294	B8048(Trans)	294	B873C(Trans)	262
B568J	281	B639	248	B686-D	37	B781(Trans)	290A	B8049(Trans)	294	B8049(Trans)	294	B873D(Trans)	262
B568K	281	B639A	248	B686-E	37	B782(Trans)	290A	B8050(Trans)	294	B8050(Trans)	294	B873E(Trans)	262
B568L	281	B639B	248	B686-F	37	B783(Trans)	290A	B8051(Trans)	294	B8051(Trans)	294	B873F(Trans)	262
B568M	281	B639C	248	B686-G	37	B784(Trans)	290A	B8052(Trans)	294	B8052(Trans)	294	B873G(Trans)	262
B568N	281	B639D	248	B686-H	37	B785(Trans)	290A	B8053(Trans)	294	B8053(Trans)	294	B873H(Trans)	262
B568O	281	B639E	248	B686-I	37	B786(Trans)	290A	B8054(Trans)	294	B8054(Trans)	294	B873I(Trans)	262
B568P	281	B639F	248	B686-J	37	B787(Trans)	290A	B8055(Trans)	294	B8055(Trans)	294	B873J(Trans)	262
B568Q	281	B639G	248	B686-K	37	B788(Trans)	290A	B8056(Trans)	294	B8056(Trans)	294	B873K(Trans)	262
B568R	281	B639H	248	B686-L	37	B789							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
B942-AR(Trans)	55#	B995-O	55#	B1206(Diode)	116	B3551	152	B143000	186	BA1F4M	2357	BA521	1166
B942-PT(Trans)	55#	B995-R	55#	B1210(Diode)	125	B3570	186	B143001	186	BA1L4M	2359	BA521A	1166
B942-Q(Trans)	55#	B995-Y	55#	B1212	373#	B3576	186	B143003	186	BA6	158	BA526	1612
B942-R(Trans)	55#	B996	242#	B1212A	373#	B3577	152	B143004	152	BA6A	158	BA532	1375
B943(Trans)	55#	B996-R	242#	B1212AA	373#	B3578	152	B143009	186	BA8-1A-21	160	BA532CN	1375
B943-P(Trans)	55#	B1000	177	B1212AB	373#	B3580	152	B143010	186	BA10C	167	BA532S	1375
B943-Q(Trans)	55#	B1000(Trans)	2429	B1212ABWT	373#	B3584	152	B143011	152	BA20(Bridge)	5314	BA536	1619
B943-R(Trans)	55#	B1000A(Trans)	2429	B1212AC	373#	B3585	152	B143012	152	BA40	5314	BA546	1627
B944(Trans)	55#	B1000AK(Trans)	2429	B1212ACWT	373#	B3586	152	B143015	186	BA40(Bridge)	5314	BA555	955M
B944-P(Trans)	55#	B1000AL(Trans)	2429	B1212AD	373#	B3588	152	B143016	186	BA67	123A	BA715	1529
B944-Q(Trans)	55#	B1000H(Trans)	2429	B1212AWT	373#	B3589	152	B143018	152	BA71	123A	BA718	1529
B944-R(Trans)	55#	B1000J(Trans)	2429	B1212AWTA	373#	B3601(PROM)	745387	B143019	152	BA74LS00	74LS00	BA847	1636
B945(Trans)	55#	B1001	177	B1212AWTB	373#	B3602(PROM)	745570	B143024	186	BA74LS01	74LS01	BA1003	172A
B945-P(Trans)	55#	B1002	519	B1212AWTC	373#	B3604(PROM)	745475	B143025	186	BA74LS02	74LS02	BA1310	1226
B945-Q(Trans)	55#	B1002(Trans)	2429	B1212AWTD	373#	B3604A(PROM)	745475	B143026	152	BA74LS04	74LS04	BA1310F	1226
B945-R(Trans)	55#	B1002H(Trans)	2429	B1212B	373#	B3604A-2	745475	B143027	152	BA74LS05	74LS05	BA1320	1248
B946(Trans)	55#	B1002J(Trans)	2429	B1212C	373#	B3605(PROM)	745572	B143028	152	BA74LS08	74LS08	BA1320	1248
B946-P(Trans)	55#	B1003	116	B1212D	373#	B3605A(PROM)	745572	B145001	72	BA74LS10	74LS10	BA1350	1631
B946-Q(Trans)	55#	B1007(Trans)	185#	B1274	121	B3605A-1	745572	B170000	130	BA74LS14	74LS14	BA2443S	177
B946-R(Trans)	55#	B1007P	185#	B1274A	121	B3606	186	B170000BLK	130	BA74LS32	74LS32	BA3704	1562
B947(Trans)	378#	B1009(Trans)	185#	B1274B	121	B3607	186	B170000BRN	130	BA74LS42	74LS42	BA3704CN	1562
B947-A(Trans)	378#	B1009P	185#	B1319	5024A	B3608	186	B170000-ORG	130	BA74LS47A	74LS47A	BA4220	1557
B947-Q(Trans)	378#	B1015	378#	B-1338	123A	B3608(PROM)	745479	B170000-RED	130	BA74LS86	74LS86	BA4558	778A
B947-R(Trans)	378#	B1015-O	378#	B1368	121	B3609	186	B170001	130	BA74LS123	74LS123	BA5102	1558
B947-AR(Trans)	378#	B1016	332#	B1368A	121	B3610	186	B170001BLK	130	BA74LS138	74LS138	BA5102A	1558
B947-P(Trans)	378#	B1016-O	55#	B1368B	121	B3611	186	B170001-BLK	130	BA74LS139	74LS139	BA5102AN	1558
B947-Q(Trans)	378#	B1016-R	332#	B1368C	121	B3612	186	B170001-BRN	130	BA74LS157	74LS157	BA5102S	1558
B947-R(Trans)	378#	B1017-Y	55#	B1368D	121	B3613	186	B170001-BRN	130	BA74LS244	74LS244	BA5402A	1619
B948(Trans)	378#	B1017	121	B1368E	121	B3614	186	B170001-ORG	130	BA74LS245	74LS245	BA6122A	1717
B948-A(Trans)	378#	B1017-O	292#	B1368F	121	B3621(PROM)	745287	B170001-RED	130	BA74LS273	74LS273	BA6124	1561
B948-AP(Trans)	378#	B1017O	292	B1410	137A	B3622(PROM)	745571	B170002	130	BA74LS367	74LS367	BA6124C	1561
B948-AQ(Trans)	378#	B1017-R	292#	B-1421	123A	B3624(PROM)	745474	B170002-ORG	130	BA74LS368	74LS368	BA6124CN	1561
B948-AR(Trans)	378#	B1018	55#	B-1426	159	B3624A(PROM)	745474	B170002-RED	130	BA74LS373	74LS373	BA6209	1716
B948-P(Trans)	378#	B-1433	123A	B-1433	123A	B3624A-2	745474	B170003	130	BA74LS374	74LS374	BA6304	1679
B948-Q(Trans)	378#	B1018-O	55#	B1500	137A	B3625(PROM)	745573	B170003-BLK	181	BA74LS393	74LS393	BA6304A	1679
B948-R(Trans)	378#	B1022	102	B-1501U	116	B3625A(PROM)	745573	B170003-BRN	181	BA-100	116	BAC304CN	1679
B949(Trans)	262#	B1022-1	102A	B1503	143A	B3625A-1	745573	B170003-RED	181	BA100	519	BAC3SHIM1	519
B949-A(Trans)	262#	B1027(Trans)	398	B1511	121	B3628(PROM)	745478	B170004	130	BA102A	613	BACSH2M1	123A
B949-AP(Trans)	262#	B1037Q(Trans)	398	B1511(C)	1662	B3628A	745478	B170004-BLK	181	BA102C	614	BACSH2M2	123A
B949-AQ(Trans)	262#	B1037R(Trans)	398	B-1539	121	B3628A-1	745478	B170004-BRN	181	BA103	519	BACSH2M3	123A
B949-AR(Trans)	262#	B1050	12	B-1599	177	B3628A-3	745478	B170004-RED	181	BA-104	116	BACSHIM1	519
B949-P(Trans)	262#	B1054(Trans)	37	B-1666	123A	B3746	128	B170005	130	BA104	519	BACSHIM1	519
B949-Q(Trans)	262#	B1054R(Trans)	37	B-1685	185	B3747	186	B170005-BLK	181	BA105	519	BACSTF2	123A
B949-R(Trans)	262#	B1054R(Trans)	37	B-1702	177	B3748	186	B170005-BRN	181	BA108	519	BA1A4M	2355
B950(Trans)	262#	B1055(Trans)	37	B-1750	177	B3750	186	B170005-RED	181	BA114	177	BA1F4M	2357
B950-A(Trans)	262#	B1055Q(Trans)	37	B-1790	184	B4004B	102A	B170006	130	BA119	116	BA1L4M	2359
B950-AP(Trans)	262#	B1055R(Trans)	37	B-1808	5072A	B4302	552	B170006-BLK	181	BA120	611	BA511	552
B950-AQ(Trans)	262#	B1057(Trans)	37	B-1823	152	B4304	552	B170006-BRN	181	BA121	611	BA516	593
B950-AR(Trans)	262#	B1057Q(Trans)	37	B-1842	123A	B4304V	552	B170006-RED	181	BA127	116	BA518	552
B950-P(Trans)	262#	B1057R(Trans)	37	B-1872	123A	B5000	152	B170007	130	BA128	116	BA519	592
B950-Q(Trans)	262#	B-1058	102A	B-1881U	116(2)	B5001	186	B170007-BLK	181	BA129	116	BA520	592
B950-R(Trans)	262#	B-1058	102A	B-1882U	116(2)	B5002	152	B170007-BRN	181	BA130	116	BA521	592
B951(Trans)	262#	B1058-1	102A	B1904	121	B5020	152	B170007-RED	181	BA133	506	BA529	592
B951-A(Trans)	262#	B1063(Trans)	55#	B-1910	199	B5021	152	B170008	162	BA136A	5800	BA718	594
B951-AP(Trans)	262#	B1063P(Trans)	55#	B-1914	121	B5022	152	B170008-BLK	181	BA-142-01	116	BAV18	519
B951-AQ(Trans)	262#	B1063Q(Trans)	55#	B2090	139A	B5031	152	B170008-BRN	181	BA145	506	BAV19	519
B951-AR(Trans)	262#	B1067(Trans)	262	B2090A(RAM)	2107	B5032	152	B170008-RED	181	BA147	177	BAV70	595
B951-P(Trans)	262#	B1077(Trans)	2344	B2107A-1(RAM)	2107	B-6001	312	B170009	130	BA148	506	BAV74	595
B951-Q(Trans)	262#	B1078(Trans)	2344	B2107A-4(RAM)	2107	B8214	8214	B170010	130	BA153	116	BAV205	5838
B951-R(Trans)	262#	B1078K(Trans)	2344	B2107A-5(RAM)	2107	B8214C	8214	B170011	130	BA158	552	BAV206	5842
B953(Trans)	378#	B1085	121	B2107B(RAM)	2107	B9426	108	B170012	130	BA167	177	BAV207	5842
B953-A(Trans)	378#	B1091(Trans)	262	B2107C-4(RAM)	2107	B10064	104	B170013	130	BA168	177	BAV208	5846
B953-AP(Trans)	378#	B1100	116	B2107B-2(RAM)	2107	B10069	104	B170014	130	BA170	177	BAV209	5846
B953-AQ(Trans)	378#	B1101	116	B2107B-4(RAM)	2107	B10142	127	B170015	130	BA174	177	BAV215	5838
B953-AR(Trans)	378#	B1102	125	B2107C(RAM)	2107	B10142B	127	B170016	130	BA178	5800	BAV216	5842
B953-P(Trans)	378#	B1108(Trans)	2344#	B2107C-2(RAM)	2107	B10142B	127	B170017	181	BA182	555	BAV217	5842
B953-Q(Trans)	378#	B1115(Trans)	2429	B2107C-4(RAM)	2107	B10143	127	B170018	130	BA187	177	BAV218	5846
B953-R(Trans)	378#	B1115A(Trans)	2429	B2128(RAM)	2128	B10143B	127	B170019	130	BA202	519	BAV219	5846
B954(Trans)	242#	B1115AY(Trans)	2429	B2128-15	2128	B10143B	127	B170020	130	BA216	519	BAV225	5838
B954-A(Trans)	242#	B1115AYQ(Trans)	2429	B2128-20	2128	B10143B	127	B170021	130	BA217	177	BAV226	5842
B954-AQ(Trans)	242#	B1115AYP(Trans)	2429	B2164(RAM)	2164	B10162	121	B170022	130	BA217	519	BAV227	5842
B954-AR(Trans)	242#	B1115AYQ(Trans)	2429	B2164-15	2164	B10163	121	B170023	181	BA218	519	BAV228	5846
B954-Q(Trans)	242#	B1115L(Trans)	2429	B2164-20	2164	B10474	121	B170024	181	BA218(Diode)	519	BAV229	5846
B954-R(Trans)	242#	B1115M(Trans)	2429	B2164-25	2164	B10475	121	B170025	130	BA219	177	BAV305	5838
B955(Trans)	2344	B1115YL(Trans)	2429	B2164A(RAM)	2164	B10912	121	B170026	181	BA221	519	BAV306	5842
B955K(Trans)	2344	B1115YM(Trans)	2429	B2164A-15	2164	B10913	121	B176000	163A	BA222	1609	BAV307	5842
B956(Trans)	2429	B1118(Trans)	2429	B2164A-20	2164	B-12822-2	130	B176001	162	BA222(Diode)	177	BAV308	5846
B956Q(Trans)	2429	B1118S(Trans)	2429	B2404C(Diode)	552	B-12822-4	162	B176002	162	BA223	955S	BAV309	5846
B956R(Trans)	2429	B1118T(Trans)	2429	B2404D(Diode)	552	B13517-2	912	B176003	162	BA232-20	525	BAV315	5838
B956S(Trans)	2429	B1119(Trans)	2429	B2406C	552	B17307	130	B176004	163A	BA243	177	BAV316	5842
B966(Trans)	37	B1119R(Trans)	2429	B2406D	552	B35016	5637	B176005	163A	BA243A	177	BAV317	5842
B966R(Trans)	37	B1195S(Trans)	2429	B2620	506	B3656	116	B176006	163A	BA243S	177	BAV318	5846
B970(Trans)	2407	B1151	121	B2708	2708	B54731-30	159	B176007	163A	BA244	177	BAV319	5846
B970Q(Trans)	2407	B1151A	121	B2716	2716	B56858-1	541	B176009	163A	BA301	1135	BAV325	5838
B970R(Trans)	2407	B1151B	121	B2732(EPRM)	2732	B56858-1RV	541	B176010	163A	BA301B	1135	BAV326	5842
B970S(Trans)	2407	B1152	121	B2732A(EPRM)	2732	B56858-2	548	B176011	163A	BA302	1431	BAV327	5842
B973(Trans)	2407	B1152A	121	B2732A-2(EPRM)	2732								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BAV527	5882	BB10	552	BC140-25	128	BC177A-1	159	BC205B-1	159	BC232M	128	BC262A	159
BAV528	5886	BB-10S	506	BC-140A	128	BC177AP	159	BC205C	234	BC233A	234	BC262A-1	159
BAV529	5886	BB-42-1B	1112	BC-140B	128	BC177B	159	BC205L	106	BC237(CBE)	123AP	BC262B	159
BAV705	5858	BB71	123A	BC-140C	128	BC177B-1	159	BC205V	159	BC237-18(CBE)	123AP	BC262B-1	159
BAV706	5862	BB100	614	BC140C	128	BC177BP	159	BC205V-1	159	BC237A(CBE)	123AP	BC262C	159
BAV707	5862	BB-103	614	BC-140D	128	BC177V	159	BC205V1	159	BC237A5(CBE)	123AP	BC262C-1	159
BAV708	5866	BB-103BL	614	BC140D	128	BC177V1	159	BC205V1-1	159	BC237A18(CBE)	123AP	BC263	159
BAV709	5866	BB104	614	BC-141	128	BC177V-1	159	BC206	234	BC237AP(CBE)	123AP	BC263A	159
BAV715	5858	BB105	611	BC141	128	BC177V1-1	159	BC206-1	159	BC237B(CBE)	123AP	BC263A-1	159
BAV716	5862	BB105A	611	BC141-6	128	BC178	159	BC206A	159	BC237B5(CBE)	123AP	BC263B	159
BAV717	5862	BB105B	616	BC141-10	128	BC178-1	159	BC206B	234	BC237B18(CBE)	123AP	BC263B-1	159
BAV718	5866	BB105G	616	BC141-16	128	BC178A	159	BC206B-1	159	BC237BP(CBE)	123AP	BC263C	159
BAV719	5866	BB107	116	BC141-25	128	BC178A-1	159	BC206C	234	BC237C(CBE)	47	BC263C-1	159
BAV725	5858	BB109	616	BC142	128	BC178AP	159	BC207	123A	BC237C5(CBE)	47	BC264	312
BAV726	5862	BB109G	614	BC-142	128	BC178B	159	BC-207	116	BC237C18(CBE)	47	BC264A	312
BAV727	5862	BB117	611	BC142-10	128	BC178B-1	159	BC207A	123A	BC238(CBE)	123AP	BC264B	312
BAV728	5866	BB121	612	BC142-16	128	BC178BP	159	BC207B	123A	BC238-5(CBE)	123AP	BC264C	312
BAV729	5866	BB121A	612	BC143	129	BC178C	234	BC207BL	123A	BC238-18(CBE)	123AP	BC266	159
BAV805	5878	BB121B	616	BC144	128	BC178D	159	BC208	123A	BC238A(CBE)	123AP	BC266-1	159
BAV806	5882	BB122	612	BC145	324	BC178D-1	159	BC208A	123A	BC238A5(CBE)	123AP	BC266A	159
BAV807	5882	BB127	116	BC146	199	BC178V	159	BC208AL	123A	BC238A18(CBE)	123AP	BC266B	159
BAV808	5886	BB142	612	BC146(Gold)	85	BC178V-1	159	BC208B	123A	BC238AP(CBE)	123AP	BC267	123A
BAV809	5886	BB205G	611	BC146(Red)	85	BC178V1	159	BC208BL	123A	BC238B(CBE)	123AP	BC268	123A
BAV815	5878	BB221	616	BC146/03	199	BC178V1-1	159	BC208C	123A	BC238B5(CBE)	123AP	BC268-1	123A
BAV816	5882	BB-1033L	614	BC147	123A	BC179	234	BC208CL	123A	BC238B18(CBE)	123AP	BC270	123A
BAV817	5882	BBCC106-200	5437	BC147A	123A	BC179-1	159	BC209	123A	BC238BP(CBE)	123AP	BC280	123A
BAV818	5886	BBCC106-300	5437	BC147B	123AP	BC179A	234	BC209/7825B	199	BC238C(CBE)	47	BC280A	123A
BAV819	5886	BBCC106-400	5437	BC148	123A	BC179A-1	159	BC209A	123A	BC238C5(CBE)	47	BC280B	123A
BAV825	5878	BBCC106-500	5438	BC148A	123A	BC179B	234	BC209B	123A	BC238D(CBE)	47	BC280C	123A
BAV826	5882	BBCC106-600	5438	BC-148A	123A	BC179B-1	159	BC209BL	123A	BC238CP(CBE)	47	BC281	159
BAW827	5882	BBGS	506	BC148B	123A	BC179BP	159	BC209C	123A	BC239(CBE)	123AP	BC281-1	159
BAW828	5886	BBY17	610	BC-148B	123A	BC179C	234	BC209CL	123A	BC239-5(CBE)	123AP	BC281A	159
BAW829	5886	BC-05	166	BC-148C	123A	BC179CB	234	BC210	123A	BC239-18(CBE)	123AP	BC281A-1	159
BAW10TF20	177	BC-075	138A	BC148C	123A	BC180	123A	BC211	128	BC239-18(CBE)	123AP	BC281B	159
BAW11TF21	177	BC-1	166	BC149	123A	BC180b	123A	BC211A	128	BC239B(CBE)	123AP	BC281B-1	159
BAW12TF22	177	BC-2	167	BC149A	123A	BC181	159	BC212(CBE)	159	BC239B5(CBE)	123AP	BC281C	159
BAW13TF23	177	BC-4	168	BC149B	123A	BC181A	159	BC212-1(CBE)	159	BC239B18(CBE)	123AP	BC281C-1	159
BAW16	177	BC-6	169	BC149C	123AP	BC181A-1	159	BC212A(CBE)	159	BC239B18(CBE)	123AP	BC282	123A
BAW17	177	BC-8	170	BC149G	123A	BC182(CBE)	123AP	BC212B(CBE)	159	BC239C(CBE)	47	BC283	159
BAW18	177	BC-10	170	BC150	123A	BC182A(CBE)	123AP	BC212B(CBE)	159	BC239C5(CBE)	47	BC283-1	159
BAW24	177	BC20C	199	BC151	123A	BC182AP(CBE)	123AP	BC212BP(CBE)	159	BC239C18(CBE)	47	BC284	123A
BAW24A	177	BC255B	159	BC152	123A	BC182B(CBE)	123AP	BC212B(CBE)	159	BC239CP(CBE)	47	BC284B	123A
BAW24B	177	BC-71	123A	BC153	234	BC182BP(CBE)	123AP	BC212K-1(CBE)	159	BC240	288	BC285	154
BAW25	177	BC71	123A	BC153-1	159	BC182K(CBE)	123AP	BC212KA(CBE)	159	BC250	159	BC286	128
BAW25A	177	BC100	154	BC154	234	BC182KA(CBE)	123AP	BC212KA-1(CBE)	159	BC250-1	159	BC287	129
BAW25B	177	BC103	128	BC154-1	159	BC182KB(CBE)	123AP	BC212KB(CBE)	159	BC250A	159	BC287	129
BAW45	177	BC103C	128	BC155	107	BC182L(CBE)	123AP	BC212KB-1(CBE)	159	BC250A-1	159	BC288	123A
BAW53	177	BC-107	123A	BC155A	108	BC182LA(CBE)	123AP	BC212L(CBE)	159	BC250B-1	159	BC289A	123A
BAW56	596	BC107	123A	BC155B	123A	BC182L-1(CBE)	123AP	BC212L-1(CBE)	159	BC250B-1	159	BC289B	123A
BAW59	177	BC107A	123A	BC155C	199	BC183(CBE)	123AP	BC212LA(CBE)	159	BC250C	159	BC290	123A
BAW59A	177	BC107A	123A	BC156	107	BC183A(CBE)	123AP	BC212LA-1(CBE)	159	BC250C-1	159	BC290B	123A
BAW59B	177	BC107A	123A	BC156A	108	BC183AP(CBE)	123AP	BC212LB(CBE)	159	BC250D	159	BC290C	123A
BAW62	177	BC107AP	123AP	BC156B	123A	BC183B(CBE)	123AP	BC212LB-1(CBE)	159	BC251	159	BC291	159
BAW63A	177	BC107B	123A	BC156C	159	BC183BP(CBE)	123AP	BC212P(CBE)	159	BC251A-1	159	BC291-1	159
BAW63B	177	BC107BP	123AP	BC157	159	BC183B(CBE)	123AP	BC212V(CBE)	159	BC251B	159	BC291A	159
BAW75	519	BC107/C	123A	BC157-1	159	BC183L(CBE)	123AP	BC213(CBE)	159	BC251B-1	159	BC291A-1	159
BAW76	519	BC108	123A	BC157A	159	BC183LA(CBE)	123AP	BC213-1(CBE)	159	BC251C	159	BC291D	159
BAW99	177	BC108	123A	BC157B	159	BC183LB(CBE)	123AP	BC213-1(CBE)	159	BC251C-1	159	BC291D-1	159
BAX13	519	BC108A	123A	BC158	159	BC183P(CBE)	123AP	BC213AP(CBE)	159	BC252	159	BC292	159
BAX-13	519	BC108AP	123AP	BC158-1	159	BC184	123A	BC213B(CBE)	159	BC252-1	159	BC292A	159
BAX16	177	BC108B	123A	BC158A	159	BC184B	123A	BC213BP(CBE)	159	BC252A	159	BC292A-1	159
BAX16	177	BC108B	123A	BC158A-1	159	BC184BP	123AP	BC213K(CBE)	159	BC252A-1	159	BC292D	159
BAX18A	116	BC108BP	123AP	BC158B	159	BC184C	123A	BC213K-1(CBE)	159	BC252B	159	BC292D-1	159
BAX28	177	BC108C	199	BC158B-1	159	BC184CP	123AP	BC213KA(CBE)	159	BC252B-1	159	BC294	129
BAX30	177	BC108CP	123AP	BC158C(CBE)	234	BC184K	123A	BC213KA-1(CBE)	159	BC252C	159	BC295	108
BAX74	177	BC109	123A	BC159	159	BC184KB	123A	BC213KB(CBE)	159	BC252C-1	159	BC297	159
BAX87	177	BC109A	123A	BC159-1	159	BC184L	123A	BC213K-1(CBE)	159	BC253	159	BC298	159
BAX87A	177	BC109B	123A	BC159A	159	BC184P	123AP	BC213L(CBE)	159	BC253-1	159	BC300	282S
BAX88TF11	177	BC109B	123A	BC159A-1	159	BC185	123A	BC213L-1(CBE)	159	BC253A	159	BC300-4	154
BAX89A	177	BC109BP	123AP	BC159B	159	BC186	159	BC213LA(CBE)	159	BC253A-1	159	BC300-5	154
BAX91C/TF102	519	BC109C	199	BC159B-1	159	BC187	159	BC213LA-1(CBE)	159	BC253B	159	BC300-6	154
BAX95TF600	519	BC109CP	123AP	BC160	129	BC187-1	159	BC213LB(CBE)	159	BC253B-1	159	BC301	128
BA15	125	BC110	108	BC160-6	129	BC188	107	BC213LB-1(CBE)	159	BC253C	159	BC301-4	128
BA16	125	BC111	108	BC160-10	129	BC189	107	BC213P(CBE)	159	BC253C-1	159	BC301-5	128
BA17	177	BC112	108	BC160-16	129	BC190	123AP	BC214	289A	BC254	289A	BC301-6	128
BA18	177	BC112/02	108	BC160-25	129	BC190B	123A	BC214-1	159	BC255	289A	BC302-4	128
BA19	177	BC113	123A	BC161	129	BC192	159	BC214A	159	BC256	159	BC302-5	128
BA20	177	BC-114	123A	BC161-6	129	BC192-1	159	BC214B	159	BC256-1	159	BC302-6	128
BA23	125	BC114	123A	BC161-10	129	BC194	108	BC214BP	159	BC256A	159	BC303	129
BA23	125	BC114TR	123A	BC161-16	129	BC194B	108	BC214CP	159	BC256A-1	159	BC303-4	129
BA36	177	BC115	123A	BC161-25	129	BC195	108	BC214K	159	BC256B	159	BC303-5	129
BA38	519	BC116	159	BC167	85	BC195CD	108	BC214K-1	159	BC256B-1	159	BC303-6	129
BA41	177	BC116A	159	BC167A	85	BC196	159	BC214KA	159	BC256C-1	159	BC304	129
BA41A	177	BC117	128	BC167B	85	BC196-1	159	BC214KA-1	159	BC257	159	BC304-4	129
BA41B	177	BC118	123A	BC168	85	BC196A	159	BC214KB	159	BC257-1	159	BC304-5	129
BA44	116	BC-119	128	BC168A	85	BC196A-1	159	BC214KB-1	159	BC257A	159	BC304-6	129
BA45	116	BC119	128	BC168B	85	BC196B	159	BC214KC	159	BC257B	193A	BC-307	116
BA46	5804	BC120	128	BC168C	199	BC196B-1	159	BC214KC-1	159	BC257V1	159	BC307(CBE)	159
BA52	177	BC-121	123A	BC168D	85	BC196V1	159	BC214L	159	BC258	159	BC307A(CBE)	159
BA54	116												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BC318C	123AP	BC415AP(CBE)	159	BC490(CBE)	129P	BC560PCL(CBE)	234 ♦	BC-1029-DF	74154	BCW63	159	BCX23	383
BC319	123AP	BC415B(CBE)	159	BC490-5	159	BC560PCM(CBE)	234 ♦	BC-1029-DH	74181	BCW63A	159	BCX24	154
BC319B	123AP	BC415BP(CBE)	159	BC490-18	159	BC560V1(CBE)	159	BC-1029-DJ	74193	BCW63B	159	BCX26	159
BC319C	123AP	BC415C(CBE)	234	BC490A(CBE)	129P	BC582	123AP	BC-1029-DM	74198	BCW64	159	BCX30	383
BC320	159	BC416(CBE)	159	BC490A5(CBE)	129P	BC582A	123AP	BC-1029-DL	7493A	BCW64A	159	BCX31	128
BC320A	234	BC416A(CBE)	159	BC490A18(CBE)	129P	BC582B	123AP	BC-1029-DN	74150	BCW64B	159	BCX31(EBC)	382
BC320C	234	BC416AP(CBE)	159	BC490B5	159	BC583	123A	BC-1029-DP	74155	BCW65	2406	BCX32	128
BC321	234	BC416B(CBE)	159	BC490B18	159	BC583A	123AP	BC-1029-DR	74164	BCW65A	2406	BCX33	128
BC321A	234	BC416BP(CBE)	159	BC490L(CBE)	129P	BC583B	123AP	BC-1029-DU	74165	BCW65B	2406	BCX34	128
BC321B	234	BC416C(CBE)	234	BC490L5(CBE)	129P	BC-584	123AP	BC1029LB	917	BCW66	2406	BCX35	159
BC321C	234	BC416CP(CBE)	234	BC490L18(CBE)	129P	BC617(CBE)	48	BC-1072	123A	BCW66F	2406	BCX36	159
BC322	234	BC417	159	BC507A	123A	BC618(CBE)	48	BC1073	104	BCW66G	2406	BCX45	159
BC322B	234	BC418	159	BC507B	123A	BC635	382	BC1073A	104	BCW67	2406	BCX46	159
BC322C	234	BC419	159	BC508A	123A	BC635-6	382	BC1082	123A	BCW67A	2406	BCX46(EBC)	382
BC323	282S	BC420V1	288	BC508B	123A	BC635-10	382	BC1086	123A	BCW67B	2406	BCX47	382
BC324	128	BC429	184	BC508C	123A	BC635-16	383	BC1096	123A	BCW67C	2406	BCX49	382
BC325	159	BC430	188	BC509B	123A	BC636	383	BC1096	123A	BCW68	2406	BCX50	159
BC325A	159	BC431	297	BC509C	123A	BC636-6	383	BC1274	104	BCW68F	2406	BCX51	2429
BC326	159	BC431-10	128	BC510	123AP	BC636-10	383	BC1274A	104	BCW68G	2406	BCX52	2429
BC326A	159	BC431-16	128	BC510B	123AP	BC636-16	383	BC1274B	104	BCW69	2409	BCX53	2429 ♦
BC327(CBE)	159	BC432	129	BC512	159	BC637	382	BC1478	123A	BCW70	2409	BCX54	2428
BC327-5(CBE)	159	BC432-10	129	BC512A	159	BC637-6	382	BC1690	123A	BCW71	2408	BCX55	2428
BC327-18(CBE)	159	BC432-16	129	BC513	159	BC637-10	382	BC556B	159	BCW72	2408	BCX56	2428 ♦
BC327-25(CBE)	298	BC440	282S	BC513A	159	BC637-16	382	BC5605B	159	BCW73	123A	BCX58	123AP
BC327AP(CBE)	159	BC442	107	BC513B	193	BC637-16	382	BC6500	108	BCW73-16	123A	BCX59	123AP
BC327CP(CBE)	159	BC445	159	BC514	193	BC637-16	382	BCF5	117A	BCW74-25	123A	BCX68	2428
BC328	159	BC445-5	159	BC514B	193	BC638-6	383	BCF29	2409	BCW74	123A	BCX69	2429
BC328-5	159	BC445-18	159	BC520	199	BC638-10	383	BCF30	2408	BCW74-16	123A	BCX70	2408
BC328-16	298	BC446	159	BC520B	199	BC638-16	383	BCF33	2408	BCW74-25	123A	BCX70G	2408
BC328-18	159	BC446-5	159	BC520C	199	BC639	382	BCF70	2409	BCW75-10	159	BCX70H	2408
BC328-25	159	BC446-18	159	BC521C	199	BC639-6	382	BCF81	2408	BCW75-16	159	BCX71	2409
BC328AP	159	BC447	159	BC521D	199	BC639-16	382	BCM1002-2	107	BCW75-25	159	BCX71G	2409
BC328BP	159	BC447-5	159	BC522	199	BC640	383	BCM1002-3	158	BCW76-16	159	BCX71H	2409
BC328CP	159	BC447-18	159	BC522C	199	BC640-10	383	BCM1002-5	102A	BCW77-16	128	BCX71J	2409
BC337(CBE)	123AP	BC448-5	159	BC522D	199	BC640-16	383	BCM1002-18	158	BCW77-25	128	BCY10	159
BC337-5(CBE)	123AP	BC448-18	194	BC522E	199	BC640-18	383	BCR6AM-4	5608	BCW78	128	BCY10A	159
BC337-16(CBE)	123AP	BC450	383	BC523	199	BC682(EBC)	289A	BCR6AM-6	5608	BCW78-16	128	BCY11	159
BC337-25(CBE)	123AP	BC450-5	383	BC523B	199	BC727	129	BCR6AM-8	5608	BCW79-10	129	BCY11A	159
BC337AP(CBE)	123AP	BC450-18	159	BC523C	199	BC728	129	BCR6AM-10	5609	BCW79-16	129	BCY12	159
BC337BP(CBE)	123AP	BC460	323	BC526B	234	BC737	199	BCR6AM-10-4	5609	BCW79-25	129	BCY12A	159
BC337CP(CBE)	123AP	BC461	323	BC526C	234	BC737-10	199	BCR10AM-4	5600A	BCW80	129	BCY13	123A
BC338(CBE)	123AP	BC461-4	129	BC527	129	BC807	2407	BCR10AM-6	56006	BCW80-16	129	BCY16	123A
BC338-5(CBE)	123AP	BC461-5	129	BC528	129	BC807-16	2407	BCR10AM-8	56006	BCW80-25	129	BCY17	129
BC338-16(CBE)	123AP	BC461-6	129	BC532	194	BC807-25	2407	BCR10AM-8L	56006	BCW81	2406	BCY18	129
BC338-18(CBE)	123AP	BC477	129	BC533	194	BC808	2407	BCR10AM-8R	56006	BCW82	85 ♦	BCY19	129
BC338-25(CBE)	123AP	BC477A	129	BC534	129	BC808-16	2407	BCR10AM-10L	56008	BCW82B	85 ♦	BCY21	129
BC338AP(CBE)	123AP	BC477V1	129	BC535	287	BC808-25	2407	BCR10AM-10R	56008	BCW83	85 ♦	BCY22	129
BC338BP(CBE)	123AP	BC478	159	BC537(EBC)	382	BC817	2406	BCR16C-4	5673 ♦	BCW83A	85 ♦	BCY24	129
BC338CP(CBE)	123AP	BC478A	159	BC538(EBC)	382	BC817-16	2406	BCR16C-6	5675 ♦	BCW84	85 ♦	BCY25	129
BC340-6	128	BC478B	159	BC546(CBE)	123AP	BC817-25	2406	BCR16C-8	5675 ♦	BCW84B	85 ♦	BCY26	129
BC340-10	128	BC479	159	BC546A(CBE)	123AP	BC818-16	2406	BCR25A-4	5683	BCW85(CBE)	159	BCY28	129
BC340-16	128	BC479B	159	BC546AP(CBE)	123AP	BC818-25	2406	BCR25A-6	5685	BCW86(CBE)	159	BCY29	129
BC341-6	128	BC485(CBE)	128P	BC546B(CBE)	123AP	BC846	2408	BCR25A-8	5685	BCW88	2410	BCY30	129
BC341-10	128	BC485-5(CBE)	128P	BC546BP(CBE)	123AP	BC846B	2408	BCR25A-10	5687	BCW89	123A	BCY31	129
BC341-16	128	BC485-18(CBE)	128P	BC546VIP(CBE)	123AP	BC847	2408	BCR25B-4	5679	BCW90	123A	BCY32	129
BC341-6	129	BC485A(CBE)	128P	BC547(CBE)	123AP	BC847A	2408	BCR25B-6	5679	BCW90A	123A	BCY33	129
BC341-10	129	BC485A18(CBE)	128P	BC547A(CBE)	123AP	BC847B	2408	BCV25B-6	5679	BCW90B	123A	BCY34	129
BC341-16	129	BC485B	159	BC547AP(CBE)	123AP	BC848	2408	BCV27	2407	BCW90C	123A	BCY34A	129
BC341-6	129	BC485B18	159	BC547BP(CBE)	123AP	BC848A	2408	BCV29	2407	BCW90K	192	BCY35	159
BC341-10	129	BC485L(CBE)	128P	BC547C(CBE)	199	BC848B	2408	BCV48V1	123AP	BCW90KB	192	BCY36	123A
BC341-16	129	BC485L5(CBE)	128P	BC547V1(CBE)	123AP	BC849	2408	BCV71	2408	BCW90KC	192	BCY37	159
BC341-6	129	BC485L18(CBE)	128P	BC547VIP(CBE)	123AP	BC849B	2408	BCV72	2408	BCW91(EBC)	289A	BCY37A	159
BC341-10	129	BC486(CBE)	129P	BC548(CBE)	123AP	BC850	2408	BCW29R	106	BCW91A(EBC)	289A	BCY38	159
BC341-16	129	BC486-5	159	BC548A(CBE)	123AP	BC850B	2408	BCW30	2407	BCW91B	289A	BCY39	159
BC341-6	129	BC486-18	159	BC548AP(CBE)	123AP	BC850B	2408	BCW31	2406	BCW91K	192	BCY39A	159
BC341-10	129	BC486A(CBE)	129P	BC548B(CBE)	123AP	BC855	2409	BCW32	2406	BCW91KA	192	BCY40	159
BC341-16	129	BC486A5(CBE)	129P	BC548BP(CBE)	123AP	BC857	2409	BCW33	159	BCW91KB	192	BCY41	159
BC341-6	129	BC486A18(CBE)	129P	BC548CP(CBE)	199	BC857A	2409	BCW35	159	BCW92	129	BCY42	123A
BC341-10	129	BC486B	159	BC548VIP(CBE)	123AP	BC857B	2409	BCW36	123A	BCW92A	129	BCY43	123A
BC341-16	129	BC486B5	159	BC549(CBE)	123AP	BC858	2409	BCW37	159	BCW92B	129	BCY46	128
BC341-10	129	BC486B18	159	BC549B(CBE)	123AP	BC858A	2409	BCW37A	159	BCW92KB	129	BCY48	128
BC341-16	129	BC486L(CBE)	129P	BC549BP(CBE)	123AP	BC858B	2409	BCW44	159	BCW93	129	BCY49	128
BC341-10	129	BC486L5(CBE)	129P	BC549C(CBE)	199	BC859	2409	BCW45	128	BCW93A	129	BCY50	123A
BC341-16	129	BC486L18(CBE)	129P	BC549CP(CBE)	199	BC859A	2409	BCW46A	123AP	BCW93B	159	BCY50A	123A
BC341-10	129	BC487(CBE)	128P	BC550(CBE)	123AP	BC859B	2409	BCW46B	123AP	BCW93C	192	BCY51	123A
BC341-16	129	BC487-5	159	BC550B(CBE)	123AP	BC860	2409	BCW47	128	BCW93KA	192	BCY51A	123A
BC341-10	129	BC487-18	159	BC550BP(CBE)	123AP	BC860A	2409	BCW47A	123AP	BCW94	123AP	BCY52	123A
BC341-16	129	BC487A(CBE)	128P	BC550CP(CBE)	199	BC860B	2409	BCW47B	123AP	BCW94A	123AP	BCY53	159
BC341-10	129	BC487A5(CBE)	128P	BC550C(CBE)	199	BC868	2428	BCW48	128	BCW94B	123AP	BCY54	159
BC341-16	129	BC487A18(CBE)	128P	BC550D(CBE)	199	BC869	2429	BCW48A	123AP	BCW94C	123AP	BCY54A	159
BC341-10	129	BC487B5	159	BC550E(CBE)	199	BC875(CBE)	48	BCW48B	123AP	BCW94D	123AP	BCY55	123A
BC341-16	129	BC487B18	159	BC550F(CBE)	199	BC876	2342	BCW48C	123AP	BCW94K	123AP	BCY57	123A
BC341-10	129	BC487L(CBE)	128P	BC550G(CBE)	199	BC877	2341	BCW49	128	BCW94KB	123AP	BCY58	123A
BC341-16	129	BC487L5(CBE)	128P	BC550H(CBE)	199	BC878	2342	BCW49B	123AP	BCW94KC	123AP	BCY59	123A
BC341-10	129	BC487L18(CBE)	128P	BC550I(CBE)	199	BC879	2341	BCW49C	123AP	BCW95	128	BCY59A	123A
BC341-16	129	BC487L5(CBE)	128P	BC550J(CBE)	199	BC880	2342	BCW50	171	BCW95A	128	BCY59B	123A
BC341-10	129	BC487L18(CBE)	128P	BC550K(CBE)	199	BC1029-CA	7400	BCW51	192	BCW95B(EBC)	289A	BCY59C	123A

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BCY59VIII	123A	BD28	6407	BD241B	291	BD580	242	BDT61C	2343	BDX66C	2350	BF108	154
BCY65	128	BD71	108	BD241C	291	BD585	241	BDT62	264	BDX67	249	BF109	154
BCY65E	123A	BD108	152	BD242	153	BD586	242	BDT62A	264	BDX67A	249	BF110	154
BCY65EAP	123AP	BD108A	152	BD242A	242	BD587	241	BDT62B	264	BDX67B	249	BF111	154
BCY65EBP	123AP	BD108B	152	BD242B	292	BD588	242	BDT62C	2344	BDX67C	2349	BF114	154
BCY65ECP	123AP	BD-107	116	BD243	152	BD589	241	BDT63	263	BDX68	2350	BF-115	108
BCY65IX	123A	BD-107(Rec.)	116	BD243B	152	BD590	242	BDT63A	263	BDX68A	2350	BF115	161
BCY65VII	123A	BD107	152	BD244	153	BD596	153	BDT63B	263	BDX68B	2350	BF117	154
BCY65VIII	123A	BD107A	152	BD244A	153	BD605	332	BDT63C	2343	BDX68C	2350	BF118	154
BCY66	128	BD107B	152	BD244B	153	BD606	332	BDT64	2344	BDX69	2349	BF119	154
BCY67	129	BD111	130	BD245	390	BD607	332	BDT64A	2344	BDX69A	2349	BF120	154
BCY69	123A	BD111A	130	BD245A	390	BD608	332	BDT64B	2344	BDX69B	2349	BF121	107
BCY70	159	BD112	328	BD245B	390	BD643	263	BDT64C	2344	BDX69C	2349	BF123	107
BCY70A	159	BD113	229	BD245C	390	BD644	264	BDT65	2343	BDX70	196	BF125	107
BCY70A	159	BD115	154	BD246	393	BD645	263	BDT65A	2343	BDX71	196	BF127	107
BCY71A	159	BD116	284	BD246A	393	BD646	264	BDT65B	2343	BDX72	196	BF140	154
BCY72	159	BD117	328	BD246B	393	BD647	263	BDT65C	2343	BDX73	196	BF140A	154
BCY72A	159	BD118	286	BD246C	393	BD647/BD648 .263 + 264(CP)	263	BDT91	331	BDX74	152	BF140R	154
BCY76	123A	BD119	286	BD257	392	BD648	264	BDT92	332	BDX75	152	BF150S	154
BCY77A	159	BD120	286	BD258	393	BD649	263	BDT93	331	BDX77	331	BF152	311
BCY77AP	159	BD121	328	BD262	254	BD650	264	BDT94	332	BDX78	332	BF153	311
BCY77B	159	BD123	328	BD262(Darlington)	254	BD651	2345	BDT95	331	BDX83	247	BF154	311
BCY77BP	159	BD124	152	BD262A	254	BD652	2344	BDT96	332	BDX83A	247	BF155	161
BCY77C	159	BD127	157	BD262A(Darlington)	254	BD675	253	BDV63	271	BDX83B	247	BF157A	154
BCY77VII	159	BD130	130	BD263	253	BD675A	253	BDV64A	271	BDX83C	247	BF155S	154
BCY77VIII	159	BD135	373	BD263A	259	BD676	254	BDV64B	271	BDX85	247	BF155SGS	161
BCY78	234	BD135-10	373	BD264	264	BD676A	254	BDV65	270	BDX85A	247	BF156	154
BCY78A	159	BD135/16	373	BD264A	264	BD677	253	BDV65A	270	BDX85B	247	BF157	154
BCY78AP	159	BD135/BD136	374 + 373(CP)	BD265	263	BD677A	253	BDV65B	270	BDX85C	247	BF157B	154
BCY78B	129	BD136	374	BD266	264	BD678	254	BDV81	2305	BDX86	248	BF158	311
BCY78BC	159	BD136-16	374	BD266A	264	BD678A	254	BDV82	2306	BDX86A	248	BF159	311
BCY78CP	159	BD137	373	BD266A/BD267A .263 + 264(CP)	263	BD679	253	BDV83	2305	BDX86B	248	BF160	311
BCY78V11	159	BD137/BD138	374 + 373(CP)	BD266B	264	BD679A	253	BDV84	2306	BDX86C	248	BF161	161
BCY78V11	193	BD138	374	BD266B/BD267B .263 + 264(CP)	263	BD679/BD680 .253 + 54(CP)	253	BDV85	2305	BDX87	247	BF163	108
BCY78V11	193	BD139	373	BD266/BD227 .185 + 184(CP)	253	BD680	254	BDV86	2306	BDX87A	247	BF163	108
BCY78VIII	193	BD139/BD140	374 + 373(CP)	BD267	263	BD680A	254	BDV91	390	BDX87B	247	BF164	108
BCY79	159	BD147	374	BD267A	263	BD681	253	BDV92	391	BDX87C	247	BF165	108
BCY79AP	159	BD141	280	BD267B	263	BD682	254	BDV93	390	BDX88	248	BF167	161
BCY79BP	159	BD142	130	BD271	152	BD695A	259	BDV94	391	BDX88A	248	BF168	161
BCY79CP	159	BD144	162	BD272	153	BD696A	260	BDV95	390	BDX88B	248	BF168	161
BCY79VII	159	BD145	328	BD273	196	BD697	270	BDV96	391	BDX88C	248	BF169	161
BCY79VIII	159	BD149	184	BD274	292	BD697A	259	BDW23	261	BDX91	280	BF173	161
BCY84A	123A	BD151	185	BD275	196	BD698	271	BDW23A	261	BDX92	261	BF173A	161
BCY85	128	BD152	185	BD276	197	BD698A	261	BDW23B	261	BDX93	281	BF174	154
BCY85(EBC)	289A	BD153	184	BD276B	263	BD699	259	BDW23C	2343	BDX94	281	BF175	161
BCY86	128	BD154	184	BD278	196	BD699A	259	BDW24	262	BDX95	280	BF176	108
BCY86(EBC)	289A	BD155	184	BD304/B	378	BD700	260	BDW24A	262	BDX96	280	BF177	154
BCY90	159	BD156	185	BD311	284	BD700A	260	BDW24B	262	BDY10	130	BF178	154
BCY90A	159	BD157	157	BD312	285	BD701	259	BDW24C	2344	BDY10	130	BF179	154
BCY90B	159	BD158	157	BD313	284	BD702	260	BDW54A	262	BDY11	130	BF179A	154
BCY90B-1	159	BD160	389	BD314	285	BD705	331	BDW54B	262	BDY12	152	BF179B	154
BCY91	159	BD162	152	BD315	388	BD706	332	BDW54C	262	BDY13	152	BF179C	154
BCY91A	159	BD163	152	BD316	68	BD707	331	BDW93	2343	BDY17	130	BF180	161
BCY91B	159	BD165	184	BD317	388	BD708	331	BDW93A	2343	BDY18	284	BF181	161
BCY91B-1	159	BD166	185	BD318	68	BD709	331	BDW93B	2343	BDY19	284	BF182	161
BCY92	159	BD167	184	BD331	2345	BD710	332	BDW93C	2343	BDY20	130	BF183	161
BCY92A	159	BD168	185	BD332	2346	BD711	332	BDW94	2344	BDY23	280	BF183A	123A
BCY92B	159	BD169	184	BD333	2345	BD712	331	BDW94A	2344	BDY24	280	BF184	161
BCY92B-1	159	BD170	374	BD334	2346	BD805	332	BDW94B	2344	BDY23B	280	BF185	161
BCY93	159	BD175	184	BD335	2345	BD806	332	BDW94C	2344	BDY23C	280	BF186	154
BCY93A	159	BD176	185	BD336	2346	BD807	331	BDX10	130	BDY24	283	BF187	108
BCY93B	159	BD177	184	BD337	2345	BD808	332	BDX13	181	BDY25	283	BF188	108
BCY93B-1	159	BD178	185	BD338	2346	BD809	331	BDX15	219	BDY26	283	BF189	123A
BCY94	159	BD179	184	BD344	185	BD810	332	BDX18N	219	BDY27	283	BF194	229
BCY94A	159	BD180	185	BD348	185	BD825(EBC)	186A	BDX20	285	BDY28	283	BF194A	108
BCY94B	159	BD181	130	BD349	184	BD826(EBC)	187A	BDX23	284	BDY34	152	BF194B	107
BCY94B-1	159	BD182	130	BD375	184	BD827(EBC)	186A	BDX24	280	BDY37	284	BF195	229
BCY95	159	BD183	284	BD375/BD376	185 + 184(CP)	BD828(EBC)	187A	BDX25	389	BDY38	130	BF195/02	229
BCY95A	159	BD183ELK	130	BD376	185	BD875	253	BDX33	263	BDY38/01	130	BF195C	107
BCY95B	159	BD184	284	BD377	184	BD876	254	BDX33A	263	BDY39	130	BF195D	107
BCY95B-1	159	BD185	184	BD378	185	BD877	253	BDX33B	263	BDY53	130	BF196	229
BCY96	129	BD186	185	BD415	50	BD878	254	BDX33C	2343	BDY54	280	BF197	107
BCY96B	129	BD187	184	BD416	50	BD895	2343	BDX33D	2343	BDY55	280	BF198	229
BCY97	129	BD188	185	BD417	49	BD896A	2344	BDX34	264	BDY56	280	BF199(CEB)	229
BCY97B	129	BD189	184	BD418	50	BD896	2344	BDX34A	264	BDY57	327	BF199A	161
BCY98	159	BD190	185	BD419	49	BD896A	2344	BDX34B	264	BDY58	327	BF206	161
BCY98A	159	BD195	182	BD420	50	BD897	2343	BDX40	2344	BDY60	282B	BF207	161
BCY98B	159	BD196	183	BD433	184	BD897A	2343	BDX41	284	BDY62	121	BF208	161
BCY98B-1	159	BD197	182	BD434	184	BD898	2344	BDX42	253	BDY65	190	BF209	161
BCY327AP	159	BD198	183	BD435	185	BD898A	2344	BDX42	253	BDY71	175	BF212	161
BCY443	128	BD199	182	BD436/BD436	153 + 152(CP)	BD899	2343	BDX43	253	BDY72	175	BF213	161
BCY501	123A	BD200	183	BD436	185	BD899A	2343	BDX44	254	BDY73	130	BF214	161
BCY511	123A	BD201	331	BD437	184	BD900	2344	BDX46	254	BDY74	284	BF214	123A
BCY771X	159	BD201/BD202	332 + 331(CP)	BD438	152	BD900A	2344	BDX50	284	BDY76	181	BF215	161
BCZ10	159	BD202	332	BD439	152	BD901	2343	BDX51	284	BDY77	284	BF215	123A
BCZ10A	159	BD203	331	BD440	153	BD902	2344	BDX53	263	BDY78	384	BF216	107
BCZ10B	159	BD203/BD204	332 + 331(CP)	BD441	199	BD905	331	BDX53A	263	BDY79	384	BF217	107
BCZ10C	159	BD204	332	BD442	197	BD906	332	BDX53B	263	BDY80	152	BF218	107
BCZ11	159	BD205	182	BD443	184	BD907	331	BDX53C	2343	BDY81	291	BF219	107
BCZ11A	159	BD206	183	BD446A	185	BD908	332	BDX54	264	BDY82	153	BF220	107
BCZ12	159	BD207	182	BD464	183	BD909	331	BDX54A	264	BDY83	153	BF222	161
BCZ12A	159	BD208	183	BD517	184	BD910	332	BDX54B	264	BDY90	328	BF223	108
BCZ12B	159	BD220	152	BD533	152	BD911	331	BDX54C	264	BDY90A	328	BF224	229
BCZ12C													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BF241(CEB)	229	BF344	161	BFR40	297	BFS97	159	BFW88	189	BFY47	107	BJ10	159
BF241C	229	BF345	161	BFR40T05	128	BFS98	159	BFW89	159	BFY47	108	BJ11	159
BF243	234	BF348	312	BFR41	297	BFS99	171	BFW90	108	BFY48	108	BJ11A	159
BF244	312	BF355	154	BFR41T05	128	BFT19	397	BFW91	129	BFY48	107	BJ11B	159
BF244A	312	BF357	108	BFR50	128	BFT19A	397	BFX11	82	BFY49	107	BJ12	159
BF244B	312	BF365	229	BFR51	128	BFT20	159	BFX12	106	BFY50	128	BJ12B	159
BF244C	312	BF367	229	BFR52	128	BFT21	159	BFX13	106	BFY51	128	BJ12C	159
BF245	312	BF368	123AP	BFR53	2402	BFT22	159	BFX17	128	BFY52	128	BJ13	159
BF245A(GSD)	312	BF369	123AP	BFR57	154	BFT25	2402	BFX18	108	BFY53	128	BJ13A	159
BF245B	312	BF367	128	BFR58	154	BFT28	397	BFX19	108	BFY55	128	BJ13B	159
BF245C	312	BF391	287	BFR59	154	BFT28A	397	BFX20	108	BFY56	128	BJ14	159
BF246	312	BF391-P1	191	BFR62	383	BFT28B	397	BFX21	108	BFY56A	128	BJ14A	159
BF247	312	BF391-P2	191	BFR63	76	BFT28C	397	BFX29	128	BFY56B	128	BJ15	159
BF248	123A	BF392	287	BFR64	76	BFT29	128	BFX30	159	BFY57	154	BJ56	159
BF249	159	BF392-P2	191	BFR65	76	BFT30	128	BFX31	161	BFY63	311	BJ-155	614
BF250	123A	BF393	287	BFR77	128	BFT31	128	BFX32	107	BFY64	129	BJ160	159
BF251	161	BF393-P1	191	BFR78	282S	BFT39	128	BFX33	311	BFY65	154	BJ161	159
BF252	161	BF393-P2	191	BFR79T05	383	BFT40	128	BFX34	282S	BFY66	161	BJ161A	159
BF253	107	BF393	287	BFR80T05	383	BFT41	128	BFX35	159	BFY67	128	BJ161B	159
BF254	229	BF394B	293	BFR81T05	383	BFT42	282S	BFX36	82	BFY67A	128	BJ161C	159
BF255	229	BF395	293	BFR86	194	BFT43	282S	BFX37	234	BFY67C	128	BLVA156A	136A
BF256	312	BF395C	293	BFR86T05	396	BFT53	128	BFX38	129	BFY68	128	BLVA168	5071A
BF256A	312	BF395D	293	BFR87T05	396	BFT54	128	BFX39	129	BFY68A	128	BLVA456A	136A
BF256B	312	BF408	157	BFR88	287	BFT55	123A	BFX40	129	BFY69	107	BLVA468	5071A
BF256C	312	BF417	154	BFR88T05	396	BFT57	154	BFX41	129	BFY69A	107	BLW16	346
BF257	396	BF419	157	BFR89	287	BFT59	154	BFX43	123A	BFY69B	161	BLW25	360
BF258	396	BF422	399	BFR89T05	396	BFT60	129	BFX44	123A	BFY70	128	BLW60	325
BF259	154	BF422	399	BFR90	65	BFT61	129	BFX45	108	BFY72	123A	BLW 60CF5	317
BF260	161	BF422-P(CEB)	287	BFR92	2402	BFT62	129	BFX48	106	BFY73	123A	BLX19	73
BF261	161	BF422-P3(CEB)	287	BFR92A	2402	BFT69	159	BFX50	128	BFY74	123A	BLX20	73
BF262	108	BF423(CEB)	288	BFR93	2402	BFT70	159	BFX51	128	BFY75	123A	BLX21	73
BF263	108	BF423-P(CEB)	288	BFR93A	2402	BFT71	159	BFX52	128	BFY76	123A	BLX25	70
BF264	108	BF423-P3(CEB)	288	BFR94	76	BFT79	129	BFX53	128	BFY77	123A	BLX26	70
BF270	161	BF440	159	BFR98	346	BFT80	129	BFX55	278	BFY78	108	BLX27	70
BF271	161	BF441	159	BFR99	395	BFT81	129	BFX59F	123A	BFY79	161	BLX28	70
BF273	161	BF442(CEB)	287	BFS13E	107	BFT83	297	BFX60	161	BFY80	128	BLX29	70
BF273C	161	BF450	159	BFS13F	107	BFT84	297	BFX61	128	BFY81	81	BLX30	70
BF273D	161	BF451(CEB)	159	BFS13G	107	BFT92	2403	BFX62	161	BFY82	81	BLX65	278
BF274	161	BF455C	229	BFS14A	159	BFT93	2403	BFX65	159	BFY87	161	BLX67	362
BF274B	161	BF455D	229	BFS14B	159	BFT3250T	159	BFX66	123A	BFY87A	161	BLX68	363
BF274C	161	BF456	373	BFS14C	159	BFT3251T	159	BFX68	128	BFY88	161	BLX88	311
BF287	161	BF457	373	BFS14D	159	BFV20	159	BFX68A	128	BFY90	316	BLX89	278
BF288	161	BF458	157	BFS14E	107	BFV21	159	BFX69	128	BFY90B	316	BLY10	130
BF290	161	BF459	157	BFS14F	107	BFV22	159	BFX69A	128	BFY94	159	BLY11	130
BF291	123A	BF469	157	BFS14G	107	BFV25	159	BFX73	161	BFY99	128	BLY12	328
BF291A	123A	BF470	39	BFS15E	107	BFV26	159	BFX74	128	BFY371	123A	BLY15	236
BF291B	123A	BF471	157	BFS15F	107	BFV29	159	BFX74A	128	BFY391	123A	BLY20	186
BF292	154	BF472	39	BFS15G	107	BFV30	159	BFX77	161	BFY86	123A	BLY21	152
BF292A	154	BF494	229	BFS16	159	BFV33	159	BFX84	128	BFY87	123A	BLY27	123AP
BF292B	154	BF494B	229	BFS16A	159	BFV82	159	BFX85	128	BFY94	123A	BLY28	192
BF292C	154	BF495	229	BFS16B	159	BFV82A	159	BFX86	128	BFY99	128	BLY35	154
BF293	123A	BF506	229	BFS16C	159	BFV82B	159	BFX87	128	BFY99	128	BLY36	152
BF293A	123A	BF507	229	BFS16D	159	BFV82C	159	BFX88	129	BFY99	128	BLY37	186
BF293D	123A	BF516	161	BFS16E	107	BFV83	108	BFX90	161	BFY99	128	BLY47	280
BF294	154	BF523	395	BFS16F	107	BFV83A	108	BFX90	288	BFY99	128	BLY47A	175
BF297	287	BF536	2401	BFS16G	107	BFV83B	123A	BFX92	123A	BFY99	128	BLY48	280
BF297-P	190	BF540	159	BFS16H	107	BFV83C	123A	BFX92A	123A	BFY99	128	BLY48A	175
BF297-P2	190	BF541	159	BFS18	2406	BFV85	123A	BFX93	123A	BFY99	128	BLY49A	175
BF298	287	BF542	159	BFS18CA	161	BFV85A	123A	BFX93A	123A	BFY99	128	BLY57	475
BF298-P	191	BF550	2406	BFS19	2406	BFV85B	123A	BFX94	123A	BFY99	128	BLY58	476
BF298-P2	191	BF579	2403	BFS20	2401	BFV85C	123A	BFX95	123A	BFY99	128	BLY63	152
BF299	288	BF594	229	BFS21	312	BFV85D	108	BFX95A	123A	BFY99	128	BLY88	152
BF299-P	191	BF595	229	BFS21A	312	BFV85E	108	BFX96	123	BFY99	128	BLY88A	350
BF299-P2	191	BF606	395	BFS22	195A	BFV85F	108	BFX96A	128	BFY99	128	BLY89	152
BF302	161	BF620	2430	BFS23	195A	BFV85G	108	BFX97	128	BFY99	128	BLY89A	351
BF303	311	BF622	2430	BFS23A	282S	BFV86	159	BFX97A	128	BFY99	128	BLY89T	351
BF304	161	BF642-P	191	BFS24	159	BFV86A	159	BFX98	154	BFY99	128	BLY91A	357
BF305	154	BF642-P2	191	BFS26A	159	BFV86B	159	BFY99	123A	BFY99	128	BLY92A	360
BF306	161	BF643-P	191	BFS26B	159	BFV86C	159	BFY10	123A	BFY99	128	BLY93	360
BF308	229	BF643-P2	191	BFS26C	159	BFV87	123A	BFY11	123A	BFY99	128	BLY93A	360
BF309	278	BF657	154	BFS26D	159	BFV88	123A	BFY12	123A	BFY99	128	BLY99	278
BF310	229	BF658	154	BFS26E	159	BFV88A	123A	BFY13	128	BFY99	128	BLY568C	336
BF311	229	BF659	154	BFS26F	159	BFV88B	123A	BFY14	128	BFY99	128	BLY568CF	335
BF314	229	BF689	161	BFS26G	159	BFV88C	123A	BFY15	128	BFY99	128	BM30-12	477
BF315	106	BF692-P	397	BFS27E	161	BFV89	199	BFY16	192	BFY99	128	BM70-12	352
BF316	106	BF692-P2	397	BFS27F	161	BFV89A	199	BFY17	128	BFY99	128	BM80-12	352
BF321A	123	BF693-P	397	BFS27G	161	BFW10	312	BFY19	123A	BFY99	128	BM11391	159
BF321B	123A	BF693-P2	397	BFS28	221	BFW11	312	BFY21	123A	BFY99	128	BM12303	159
BF321C	123A	BF706	159	BFS28R	221	BFW12	312	BFY22	123A	BFY99	128	BM2411	159
BF321D	123A	BF709	395	BFS29	47	BFW13	312	BFY22	123A	BFY99	128	BM2412	159
BF321E	123A	BF715	171	BFS29P	192	BFW16A	278	BFY23	123A	BFY99	128	BM2412	159
BF321F	123A	BF717	171	BFS30	192	BFW17A	278	BFY24	123A	BFY99	128	BM2412	159
BF322	128	BF819	198	BFS30P	192	BFW19	278	BFY25	123A	BFY99	128	BM2412	159
BF323	129	BF820	2412	BF31	159	BFW20	159	BFY26	123A	BFY99	128	BM2412	159
BF324	395	BF821	2413	BF31P	123A	BFW21	159	BFY27	123A	BFY99	128	BM2412	159
BF325	278	BF822	2412	BFS32	159	BFW22	159	BFY28	123A	BFY99	128	BM2412	159
BF329	107	BF823	2413	BFS32P	159	BFW23	159	BFY29	123A	BFY99	128	BM2412	159
BF330	278	BF824	2401	BFS33	159	BFW24	282S	BFY30	123A	BFY99	128	BM2412	159
BF332	107	BF832	159	BFS33P	159	BFW25	282S	BFY31	123A	BFY99	128	BM2412	159
BF333	107	BF840	2401	BFS34	193	BFW26	282S	BFY32	123A	BFY99	128	BM2412	159
BF333C	107	BF841	2401	BFS34P	159	BFW29	123A	BFY33	123A	BFY99	128	BM2412	159
BF333D	107	BF939	395	BFS36B	159	BFW30	278	BFY34	123A	BFY99	128	BM2412	159
BF334	107	BF960	455	BFS36C	123A	BFW31	159	BFY35	123A	BFY99	128	BM2412	159
BF335	107	BF960	455	BFS37	159	BFW32	123A	BFY36	123A	BFY99	128	BM2412	159
BF336	154	BF964	455	BFS37A	159	BFW33	154	BFY37	123A	BFY99	128	BM2412	159
BF337	154	BF26235-5	117A	BFS38A									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BPW30	3036	BS6-05A	5677	BSIC0133t	310	BSW45	159	BSX95	128	BT139-500G	56017	BTB08-200	5608
BPX25A	3036	BS6-06A	5677	BSIC0140S6t	310	BSW-45	56017	BSX96	128	BT139-600	56017	BTB08-200B	5633
BPX38	3037	BS7-02A	56004	BSIC0140t	310	BSW-45A	123A	BSX97	123A	BT139-600F	56017	BTB08-200C	5633
BPX43	3037	BS7-04A	56006	BSIC0143H	310	BSW45A	159	BSY10	123A	BT139-800G	56017	BTB08-200S	5608
BPX59	3036	BS7-05A	56008	BSIC0143R	308	BSW49	128	BSY11	123A	BT139-800	56018	BTB08-400	5608
BPY62	3032	BS7-06A	56008	BSIC0146S6t	310	BSW51	123A	BSY17	123A	BT139-800G	56018	BTB08-400B	5635
BPY62/II	3032	BS7-07A	56010	BSIC0146t	310	BSW52	123A	BSY18	123A	BT151-500R	5468	BTB08-400C	5635
BQ67	123A	BS7-08A	56010	BSIC0153	308	BSW53	123A	BSY19	123A	BT151-550R	5468	BTB08-400S	5608
BQ-94	123A	BS8-01A	5673	BSIC0153H	310	BSW58	123AP	BSY20	123A	BT152-400R	5554	BTB08-700	5610
BR0985	288	BS8-02A	5673	BSIC0153R	308	BSW59	123AP	BSY21	123A	BT152-600R	5556	BTB08-700S	5610
BR0F1-356	368	BS8-03A	5675	BSTD0313	5524	BSW65	128	BSY22	108	BT152-800R	5558	BTB10-200B	5633
BR-1	166	BS8-04A	5675	BSTD0326	5527	BSW66	128	BSY23	108	BT1708T	123A	BTB10-200C	5633
BR-10S	506	BS8-05A	5677	BSTD0340	5529	BSW66A	396	BSY24	123A	BT1832	159	BTB10-400B	5635
BR42	116	BS8-06A	5677	BSTD0353	5531	BSW67	282S	BSY25	123A	BT1918T	311	BTB10-400C	5635
BR44	116	BS9-02A	56004	BSIL-3760F	5375	BSW67A	396	BSY26	123A	BT1929T	123A	BTB12-200B	56004
BR46	116	BS9-04A	56006	BSV15	129	BSW68	282S	BSY27	123A	BT1930T	123A	BTB12-200C	56004
BR47	116	BS9-05A	56008	BSV15-6	129	BSW-68	396	BSY28	123A	B-T1000-139	107	BTB12-400B	56006
BR48	116	BS9-06A	56008	BSV15-10	129	BSW68A	396	BSY29	123A	BT2221AT	123A	BTB12-400C	56006
BR52	116	BS9-07A	56010	BSV16	129	BSW69	396	BSY34	123A	BT2221T	123A	BTB12-700C	56010
BR-55	614	BS9-08A	56010	BSV16-6	129	BSW70	154	BSY38	123A	BT2222AT	123A	BTB16-300B	56015
BR-66	123A	BS10-01A	5673	BSV16-10	129	BSW72	159	BSY39	123A	BT2222T	123A	BTB16-400B	56018
BR-67	123A	BS10-02A	5673	BSV17	129	BSW-72	311	BSY40	159	BT2369A	311	BTB16-400C	56018
BR67	123A	BS10-03A	5675	BSV17-6	129	BSW-73	159	BSY-40	159	BT2483T	128	BTB20-200	5679
BR-81B	166	BS10-04A	5675	BSV17-10	129	BSW73	159	BSY-41	159	BT2484T	128	BTB25-200	5679
BR81D	166	BS10-05A	5677	BSV21	159	BSW-74	159	BSY41	159	BT2604T	159	BTB25-200A	5679
BR-81D	166	BS10-06A	5677	BSV21A	159	BSW74	159	BSY44	128	BT2708T	311	BTB25-400	5679
BR-82	159	BS-80	172A	BSV35A	123A	BSW-75	159	BSY45	128	BT2906	159	BTB25-400A	5679
BR-82D	167	BS-86	123A	BSV35B	108	BSW75	159	BSY46	128	BT2906AT	159	BTB40-200	5679
BR82D	167	BS67	123A	BSV35C	108	BSW82	123A	BSY48	123A	BT2907	159	BTB40-200A	5679
BR84D	168	BS-94	123A	BSV35D	108	BSW83	123A	BSY49	123A	BT2907AT	159	BTB40-400	5679
BR-84D	188	BS242C	292	BSV40	123A	BSW84	123A	BSY51	128	BT2945T	159	BTB40-400A	5679
BR86D	169	BS475	123A	BSV41	123A	BSW85	123A	BSY52	128	BT3227T	123A	BTB40-600	5679
BR-86D	169	BS9011G	123AP	BSV43A	193	BSW88	123A	BSY53	128	BT3250AT	159	BTB40-800A	5679
BR-88D	170	BSA01	177	BSV43B	193	BSW89	123A	BSY54	128	BT3251AT	159	BTB1000	156
BR88D	170	BSA02	177	BSV44A	159	BSW92	123A	BSY55	128	BT3700T	154	BTB1005	5640
BR90A	5340	BSA11	177	BSV44B	193	BSX12	108	BSY56	128	BT3701T	154	BTB1010	5640
BR91A	5313	BSF91A	129	BSV45A	193	BSX12A	128	BSY58	123A	BT3724T	123A	BTB1011A	5640
BR92A	5313	BSF91B	129	BSV45B	193	BSX19	123A	BSY59	123A	BT3725T	123A	BTB1012A	5640
BR94A	5342	BSR13	2406	BSV47A	159	BSX20	311	BSY60	123A	BT3726T	123A	BTB1013A	5640
BR96A	5342	BSR14	2406	BSV47B	193	BSX21	194	BSY62	123A	BT3727T	123A	BTB1014A	5640
BR98A	5344	BSR15	2407	BSV48A	159	BSX22	195A	BSY62	123A	BT3728T	123A	BTB1015A	5640
BR100	5408	BSR16	2407	BSV48B	193	BSX23	128	BSY62	123A	BT3729T	123A	BTB1016A	5640
BR100/03	5408	BSR17	2406	BSV49A	159	BSX24	123A	BSY62B	123A	BT3730T	123A	BTB1017A	5640
BR101B	5408	BSR17A	2406	BSV49B	193	BSX25	108	BSY70	123A	BT3731T	123A	BTB1018A	5640
BR103	5400	BSR18	2407	BSV51	128	BSX26	108	BSY71	128	BT3732T	123A	BTB1019A	5640
BR-805D	166	BSR18A	2407	BSV53	123A	BSX27	108	BSY72	128	BT3733T	123A	BTB1020A	5640
BR-810D	170	BSR19	2410	BSV53P	107	BSX28	311	BSY72	108	BT3734T	123A	BTB1021A	5640
BR-832	159	BSR19A	2410	BSV54	123A	BSX29	108	BSY73	123A	BT3735T	123A	BTB1022A	5640
BR51400-1	116	BSR20	2411	BSV54P	107	BSX30	123A	BSY73	123A	BT3736T	123A	BTB1023A	5640
BR51401-2	116	BSR20A	2411	BSV55A	159	BSX32	311	BSY74	108	BT3737T	123A	BTB1024A	5640
BRA40	5314	BSR30	2429	BSV55AP	159	BSX33	128	BSY74	108	BT3738T	123A	BTB1025A	5640
BRC-116	130	BSR31	2429	BSV55B	159	BSX35	128	BSY75	123A	BT3739T	123A	BTB1026A	5640
BRC5296	152	BSR32	2429	BSV57	6401	BSX36	128	BSY76	123A	BT3740T	123A	BTB1027A	5640
BRC-5496	196	BSR33	2429	BSV57B	123A	BSX38	123A	BSY77	128	BT3741T	123A	BTB1028A	5640
BRC6109	197	BSR40	2428	BSV59	123A	BSX38A	123A	BSY77	128	BT3742T	123A	BTB1029A	5640
BRN-SPEC-24-12	519	BSR41	2428	BSV60	282S	BSX38B	123A	BSY78	128	BT3743T	123A	BTB1030A	5640
BRX44	5400	BSR42	2428	BSV68	288	BSX39	311	BSY79	128	BT3744T	123A	BTB1031A	5640
BRX45	5401	BSR43	2428	BSV69	288	BSX40	128	BSY80	128	BT3745T	123A	BTB1032A	5640
BRX46	5402	BSR52	2341	BSV78	466	BSX41	129	BSY80	108	BT3746T	123A	BTB1033A	5640
BRX47	5404	BSR62	2342	BSV79	466	BSX44	123A	BSY81	128	BT3747T	123A	BTB1034A	5640
BRX48	5405	BS10	123A	BSV82	129	BSX45	128	BSY82	128	BT3748T	123A	BTB1035A	5640
BRX49	5405	BS13	278	BSV83	129	BSX45-6	128	BSY83	128	BT3749T	123A	BTB1036A	5640
BRX60	5412	BS14	282S	BSV84	128	BSX45-16	128	BSY85	128	BT3750T	123A	BTB1037A	5640
BRX61	5413	BS15	282S	BSV86	123AP	BSX46	128	BSY86	128	BT3751T	123A	BTB1038A	5640
BRX62	5414	BS16	282S	BSV87	123AP	BSX46-6	128	BSY87	128	BT3752T	123A	BTB1039A	5640
BRX64	5415	BS17	129	BSV88	123A	BSX46-10	128	BSY88	128	BT3753T	123A	BTB1040A	5640
BRX65	5416	BS18	129	BSV89	123A	BSX46-16	128	BSY89	123A	BT3754T	123A	BTB1041A	5640
BRX66	5416	BS19	171	BSV90	123A	BSX47	123A	BSY90	128	BT3755T	123A	BTB1042A	5640
BRX67	5416	BS20	171	BSV91	123A	BSX48	123A	BSY91	123A	BT3756T	123A	BTB1043A	5640
BRX68	5416	BS21	123A	BSV95	278	BSX49	123A	BSY92	128	BT3757T	123A	BTB1044A	5640
BRX69	5416	BS22	192	BSV96	159	BSX51	123A	BSY93	123A	BT3758T	123A	BTB1045A	5640
BRX70	5416	BS23	123A	BSV97	159	BSX51A	123A	BSY94	108	BT3759T	123A	BTB1046A	5640
BRX71	5416	BS24	128	BSV98	128	BSX52	123A	BSY95	123A	BT3760T	123A	BTB1047A	5640
BRX72	5416	BS25	154	BSV99	128	BSX52A	123A	BSY95A	123A	BT3761T	123A	BTB1048A	5640
BRX73	5416	BS26	128	BSW10	128	BSX53	123A	BSY165	123A	BT3762T	123A	BTB1049A	5640
BRX74	5416	BS27	128	BSW11	123A	BSX54	123A	BSY168	123A	BT3763T	123A	BTB1050A	5640
BRX75	5416	BS28	128	BSW12	123A	BSX55	123A	BT32	6408	BT3764T	123A	BTB1051A	5640
BRX76	5416	BS29	128	BSW19	123A	BSX60	128	BT67	123A	BT3765T	123A	BTB1052A	5640
BRX77	5416	BS30	128	BSW21A	159	BSX61	128	BT71	123A	BT3766T	123A	BTB1053A	5640
BRX78	5416	BS31	128	BSW21A	159	BSX62	282S	BT82	159	BT3767T	123A	BTB1054A	5640
BRX79	5416	BS32	128	BSW22	159	BSX62-10	282S	BT94	123A	BT3768T	123A	BTB1055A	5640
BRX80	5416	BS33	128	BSW23	159	BSX62-16	282S	BT100A-300R	5457	BT3769T	123A	BTB1056A	5640
BRX81	5416	BS34	128	BSW24	159	BSX62B	282S	BT101-300R	5485	BT3770T	123A	BTB1057A	5640
BRX82	5416	BS35	128	BSW25	129	BSX62C	282S	BT101-500R	5487	BT3771T	123A	BTB1058A	5640
BRX83	5416	BS36	128	BSW26	129	BSX63	282S	BT102-300R	5485	BT3772T	123A	BTB1059A	5640
BRX84	5416	BS37	128	BSW27	129	BSX63-10	282S	BT102-500R	5487	BT3773T	123A	BTB1060A	5640
BRX85	5416	BS38	128	BSW28	128	BSX63-16	282S	BT107	5487	BT3774T	123A	BTB1061A	5640
BRX86	5416	BS39	128	BSW29	128	BSX63B	282S	BT108	5487	BT3775T	123A	BTB1062A	5640

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BTU0340	5677	BTW39-700X	5531	BTX30-100	5408	BU125	282S	BUW76	386	BY125	116	BY328(Bradley)	5846 ♦
BTU0340A	5675	BTW39-800	5531	BTX30-200	5408	BU126	283	BUX10	327	BY126	116	BY329(Bradley)	5846 ♦
BTU0350	5677	BTW39-800X	5531	BTX30-300	5409	BU129	283	BUX11	327	BY126/50	156	BY396	580
BTU0350A	5677	BTW40-400R	5545†	BTX30-400	5409	BU133	283	BUX12	327	BY126/100	156	BY397	580
BTU0360	5677	BTW40-400RU	5545	BTX30-500	5410	BU133/02	283	BUX13	386	BY126/200	156	BY398	580
BTU0360A	5677	BTW40-600R	5547†	BTX30-600	5410	BU180	256	BUX14	386	BY126/300	156	BY401	116
BTU0405	5667A	BTW40-600RU	5547	BTX31-50R	5491	BU180A	256	BUX16	283	BY126/400	156	BY402	116
BTU0405A	5673	BTW40-800R	5548	BTX31-100R	5491	BU184	2315	BUX16A	283	BY127	506	BY403	116
BTU0410	5667A	BTW43-600	5667A	BTX31-200R	5492	BU189	2315	BUX16B	283	BY127/500	125	BY404	116
BTU0410A	5673	BTW43-600G	5667A	BTX31-300R	5494	BU204	389	BUX16C	283	BY127/600	125	BY405	116
BTU0420	5667A	BTW43-800	5668A	BTX31-400R	5494	BU205	389	BUX17	385	BY127/700	125	BY406	552
BTU0420A	5673	BTW43-800G	5668A	BTX31-500R	5496	BU205-01	165	BUX17A	385	BY128	125	BY407	552
BTU0430	5667A	BTW43-100G	5669A	BTX31-600R	5496	BU206	165	BUX17B	385	BY129	125	BY408(Bradley)	586 ♦
BTU0430A	5675	BTW43-100G	5669A	BTX32-50R	5501	BU207	165	BUX17C	385	BY130	116	BY409	586 ♦
BTU0440	5667A	BTW45-400R	5545†	BTX32-100R	5502	BU207A	163A	BUX19	97	BY133	506	BY411(Bradley)	5850 ♦
BTU0440A	5675	BTW45-400RU	5545	BTX32-200R	5504	BU208	165	BUX32	2311	BY134	116	BY412(Bradley)	5854 ♦
BTU0450	5667A	BTW45-600R	5547†	BTX32-300R	5507	BU208A	165	BUX32A	2311	BY135	116	BY413(Bradley)	5854 ♦
BTU0450A	5677	BTW45-600RU	5547	BTX32-400R	5507	BU208B	165	BUX32B	2311	BY141	116	BY414(Bradley)	5858 ♦
BTU0460	5677	BTW45-800R	5548	BTX32-50R	5509	BU210	383	BUX36	2319	BY153	116	BY415(Bradley)	5858 ♦
BTU0460A	5677	BTW45-800RU	5548	BTX33-50R	5541	BU226	62	BUX39	327	BY156	156	BY416(Bradley)	5862 ♦
BTU0505	5673	BTW48-200	5567 ♦	BTX33-100R	5542	BU310	283	BUX40	327	BY157	506	BY417(Bradley)	5862 ♦
BTU0505A	5673	BTW48-400	5568 ♦	BTX33-200R	5543	BU311	283	BUX44	2319	BY158	506	BY418(Bradley)	5866 ♦
BTU0510	5673	BTW48-600	5569 ♦	BTX33-300R	5545	BU312	283	BUX46	389	BY159(BRIDGE)	5304	BY419(Bradley)	5866 ♦
BTU0510A	5673	BTW48-800	5569 ♦	BTX33-400R	5545	BU323	97	BUX46A	389	BY159-1	5304	BY421(Bradley)	5850 ♦
BTU0520	5673	BTW48-1200	5569 ♦	BTX33-500R	5547	BU325	97	BUX47	2311	BY159-50	5304	BY422(Bradley)	5854 ♦
BTU0520A	5673	BTW49-50	5360	BTX33-600R	5547	BU326	283	BUX47A	2311	BY159/100	5304	BY423(Bradley)	5854 ♦
BTU0530	5675	BTW49-50M	5360†	BTX33-800R	5547	BU326A	283	BUX48	2319	BY159-200	5304	BY424(Bradley)	5858 ♦
BTU0530A	5675	BTW49-100	5360†	BTX33-900R	5549	BU406	379	BUX67	369	BY159-400	5304	BY425(Bradley)	5858 ♦
BTU0535	5675	BTW49-100M	5360†	BTX75-100R	5522	BU406V	379	BUX67A	369	BY164	166	BY426(Bradley)	5862 ♦
BTU0540	5675	BTW49-200	5360	BTX75-200R	5524	BU408	379	BUX67B	369	BY172	156	BY427(Bradley)	5862 ♦
BTU0540A	5675	BTW49-200M	5360†	BTX75-300R	5527	BU409	379	BUX67C	369	BY173	156	BY428(Bradley)	5866 ♦
BTU0550	5677	BTW49-400	5360	BTX75-400R	5527	BU426	2310	BUX80	386	BY179	170	BY429(Bradley)	5866 ♦
BTU0550A	5677	BTW49-400M	5360	BTX76-100R	5543	BU426A	2310	BUX81	386	BY188A	116	BY501(Bradley)	5870 ♦
BTU0560	5677	BTW49-600	5360	BTX76-200R	5543	BU426V	2310	BUX82	283	BY188B	116	BY502(Bradley)	5874 ♦
BTU0560A	5677	BTW49-600M	5360†	BTX76-300R	5545	BU433	2310	BUX83	283	BY201	5804	BY503(Bradley)	5874 ♦
BTU0605	5681	BTW50-100	5567	BTX76-400R	5545	BU500	238	BUX84	2313	BY201-2	5834	BY504(Bradley)	5878 ♦
BTU0605A	5681	BTW50-200	5567	BTX81/100R	5542	BU505	2303	BUX85	2313	BY201-200	552	BY505(Bradley)	5878 ♦
BTU0610	5682	BTW50-400	5568	BTX81/200R	5543	BU508	2300	BUX86	2327	BY201-300	552	BY506(Bradley)	5882 ♦
BTU0620	5683	BTW50-600	5568	BTX81/200R	5543	BU508A	2327	BUX87	2327	BY201-400	552	BY507(Bradley)	5882 ♦
BTU0620A	5683	BTW50-800	5569	BTX81-200R	5545	BU508D	2318	BUX97	385	BY201-500	552	BY508(Bradley)	5886 ♦
BTU0620A	5683	BTW50-1000	5569	BTX81-300R	5545	BU508D/01	2318	BUX97A	386	BY201-600	552	BY509(Bradley)	5886 ♦
BTU0630	5685	BTW1350	5569	BTX81-400R	5545	BU508V	2300#	BUX97B	386	BY202	5834	BY511(Bradley)	5870 ♦
BTU0630A	5685	BTW1350	5569	BTX81-500R	5545	BU705	2300	BUX97B	386	BY203	5834	BY512(Bradley)	5874 ♦
BTU0640	5685	BTW1650	5567	BTX81-500R	5547	BU806	2315	BUX97C	386	BY204	5806	BY513(Bradley)	5874 ♦
BTU0640A	5685	BTW1950	5567	BTX81-500R	5547	BU807	2315	BUX97D	386	BY205	5838	BY514(Bradley)	5878 ♦
BTU0650	5687	BTW2050	5681	BTX81-600R	5547	BU920P	2316	BUY38	384	BY206	552	BY515(Bradley)	5882 ♦
BTU0650A	5687	BTW21200	5673	BTX81-600R	5547	BU921P	2316	BUY44	280	BY207	552	BY516(Bradley)	5882 ♦
BTU0660	5697	BTW13200	5673	BTX81-600R	5547	BU922P	2316	BUY51A	327	BY208	558	BY517(Bradley)	5882 ♦
BTU0660A	5687	BTW13300	5675	BTX81-600R	5547	BU923P	2317	BUY52A	327	BY208-500	552	BY518(Bradley)	5886 ♦
BTU0650	5687	BTW13400	5675	BTX81-600R	5547	BU930P	2317	BUY53A	327	BY208-600	558	BY519(Bradley)	5886 ♦
BTU3605	5697	BTW13500	5677	BTX81-600R	5547	BU931P	98	BUY54A	327	BY208-800	55	BY521(Bradley)	5870 ♦
BTU0405	5602 ♦	BTW16100	5673	BTX81-600R	5547	BU931P	2317	BUY56	87	BY208-1000	558	BY522(Bradley)	5874 ♦
BTU0410	5602 ♦	BTW16200	5673	BTX81-600R	5547	BU931P	2317	BUY56	263	BY208/1000	558	BY523(Bradley)	5874 ♦
BTU0410A	5602 ♦	BTW16300	5675	BTX81-600R	5547	BU932P	2317	BUY69B	283	BY210-400	552	BY524(Bradley)	5878 ♦
BTU0420	5602 ♦	BTW16400	5675	BTX81-600R	5547	BU932P	2317	BUY69C	283	BY210-600	552	BY525(Bradley)	5878 ♦
BTU0420A	5602 ♦	BTW16500	5675	BTX81-600R	5547	BU932P	2317	BUY70B	283	BY212-600	552	BY526(Bradley)	5882 ♦
BTU0430	5602 ♦	BTW16600	5677	BTX81-600R	5547	BU932P	2317	BUY70C	283	BY212-1000	552	BY527(Bradley)	5882 ♦
BTU0430A	5602 ♦	BTW16700	5677	BTX81-600R	5547	BU932P	2317	BUY71A	283	BY212-1000	552	BY528(Bradley)	5886 ♦
BTU0440	5602 ♦	BTW16800	5677	BTX81-600R	5547	BU932P	2317	BUY71B	283	BY212-1000	552	BY529(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW16900	5677	BTX81-600R	5547	BU932P	2317	BUY71C	283	BY212-1000	552	BY530(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17000	5673	BTX81-600R	5547	BU932P	2317	BUY71D	283	BY212-1000	552	BY531(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17100	5673	BTX81-600R	5547	BU932P	2317	BUY71E	283	BY212-1000	552	BY532(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17200	5673	BTX81-600R	5547	BU932P	2317	BUY71F	283	BY212-1000	552	BY533(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17300	5673	BTX81-600R	5547	BU932P	2317	BUY71G	283	BY212-1000	552	BY534(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17400	5673	BTX81-600R	5547	BU932P	2317	BUY71H	283	BY212-1000	552	BY535(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17500	5673	BTX81-600R	5547	BU932P	2317	BUY71I	283	BY212-1000	552	BY536(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17600	5673	BTX81-600R	5547	BU932P	2317	BUY71J	283	BY212-1000	552	BY537(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17700	5673	BTX81-600R	5547	BU932P	2317	BUY71K	283	BY212-1000	552	BY538(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17800	5673	BTX81-600R	5547	BU932P	2317	BUY71L	283	BY212-1000	552	BY539(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW17900	5673	BTX81-600R	5547	BU932P	2317	BUY71M	283	BY212-1000	552	BY540(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18000	5673	BTX81-600R	5547	BU932P	2317	BUY71N	283	BY212-1000	552	BY541(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18100	5673	BTX81-600R	5547	BU932P	2317	BUY71O	283	BY212-1000	552	BY542(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18200	5673	BTX81-600R	5547	BU932P	2317	BUY71P	283	BY212-1000	552	BY543(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18300	5673	BTX81-600R	5547	BU932P	2317	BUY71Q	283	BY212-1000	552	BY544(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18400	5673	BTX81-600R	5547	BU932P	2317	BUY71R	283	BY212-1000	552	BY545(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18500	5673	BTX81-600R	5547	BU932P	2317	BUY71S	283	BY212-1000	552	BY546(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18600	5673	BTX81-600R	5547	BU932P	2317	BUY71T	283	BY212-1000	552	BY547(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18700	5673	BTX81-600R	5547	BU932P	2317	BUY71U	283	BY212-1000	552	BY548(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18800	5673	BTX81-600R	5547	BU932P	2317	BUY71V	283	BY212-1000	552	BY549(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW18900	5673	BTX81-600R	5547	BU932P	2317	BUY71W	283	BY212-1000	552	BY550(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW19000	5673	BTX81-600R	5547	BU932P	2317	BUY71X	283	BY212-1000	552	BY551(Bradley)	5886 ♦
BTU0440A	5602 ♦	BTW19100	5673	BTX81-600R	5547								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BY1101	125	BYV92-200R	6007	BYX39/800	5886	BYX65-400	6008	BZ63C6V8	5071A	BZV17C33	147A	BZX55C10	5019A
BY1102	125	BYV92-300R	6008	BYX39-800	5886	BYX65-400MR	6008	BZ67	123A	BZV17C36	5085A	BZX55C11	5020A
BY1201	125	BYV92-400	6009	BYX39-800R	5887	BYX65-400MR	6009	BZ71	123A	BZV17C39	5089A	BZX55C12	5021A
BY1202	125	BYV92-400R	6009	BYX39-1000	5890	BYX65-400R	6009	BZ79C10	140A	BZV17C43	5087A	BZX55C13	5022A
BY2001	5848	BYV92-400R	6009	BYX39/1000	5890	BYX66-400	5920	BZ/88C4V7	135A	BZV17C47	5088A	BZX55C15	5024A
BY2002	5848	BYV95	580	BYX39-1000R	5891	BYX66-400MR	5820	BZ90	139A	BZV17C51	5089A	BZX55C16	5025A
BY2101	5848	BYV95A	580	BYX40-600	5882	BYX66-400MR	5821	BZ100	140A	BZV17C56	5090A	BZX55C18	5027A
BY2102	5848	BYV95B	580	BYX40-600R	5883	BYX66-400R	5821	BZ102-2V8	5003A	BZV17C58	5144A	BZX55C20	5029A
BY2201	5848	BYV95C	580	BYX40-800	5886	BYX66-500	5822	BZ102-3V4	5005A	BZV17C59	4902	BZX55C22	5030A
BY2202	5848	BYV54	580	BYX40-800R	5887	BYX66-500MR	5822	BZ-105	5074A	BZV17C61	4918	BZX55C24	5031A
BY3001(Bradley)	5848	BYW82	5340	BYX40-1000	5890	BYX66-500MR	5823	BZ-110	5074A	BZV17C62	4926	BZX55C27	5033A
BY3002(Bradley)	5848	BYW64	5342	BYX40-1000R	5891	BYX66-500R	5823	BZ110	5074A	BZV17C63	4928	BZX55C30	5035A
BY3101(Bradley)	5848	BYW66	5342	BYX42-300	5878	BYX66-600	5822	BZ-115	141A	BZV17C64	4934	BZX55C33	5038A
BY3102(Bradley)	5848	BYW68	5344	BYX42-300R	5878	BYX66-600MR	5822	BZ-120	142A	BZV17C65	4934	BZX55C36	5037A
BY3201(Bradley)	5848	BYW88-50	5870	BYX42-300R	5879	BYX66-600MR	5823	BZ120	142A	BZV17C66	4934	BZX55C39	5038A
BY3202(Bradley)	5848	BYW88-50M	5870	BYX42-600	5882	BYX66-600R	5823	BZ-125	143A	BZV17C67	4934	BZX55C43	5039A
BY4001(Bradley)	5848	BYW88-50MR	5871	BYX42-600R	5883	BYX66-1000	5932	BZ-130	143A	BZV17C68	4934	BZX55C47	5040A
BY4002(Bradley)	5848	BYW88-100M	5874	BYX42-900	5890	BYX67-500	6010	BZ130	143A	BZV17C69	4934	BZX55C52	5042A
BY4101(Bradley)	5848	BYW88-100MR	5875	BYX42-900R	5890	BYX67-500MR	6010	BZ-135	144A	BZV17C70	4934	BZX55C56	5044A
BY4102(Bradley)	5848	BYW88-100R	5875	BYX42-900R	5890	BYX67-500MR	6011	BZ140	144A	BZV17C71	4934	BZX55C58	5045A
BY4201(Bradley)	5848	BYW88-100MR	5875	BYX42-900R	5891	BYX67-500MR	6011	BZ-140	144A	BZV17C72	4934	BZX55C62	5047A
BY4202(Bradley)	5848	BYW88-100R	5875	BYX42-900R	5891	BYX67-500MR	6011	BZ140LF	144A	BZV17C73	4934	BZX55C64	5048A
BY5001(Bradley)	5848	BYW88-200	5874	BYX42-900R	5891	BYX67-500MR	6011	BZ-145	145A	BZV17C74	4934	BZX55C68	5049A
BY5002(Bradley)	5848	BYW88-200MR	5875	BYX42-900R	5891	BYX67-500MR	6011	BZ150	145A	BZV17C75	4934	BZX55C70	5050A
BY5101(Bradley)	5848	BYW88-200MR	5875	BYX42-900R	5891	BYX67-500MR	6011	BZ-150	145A	BZV17C76	4934	BZX55C75	5046A
BY5102(Bradley)	5848	BYW88-200R	5875	BYX42-900R	5891	BYX67-500MR	6011	BZ-157	145A	BZV17C77	4934	BZX55C77	5047A
BY5201(Bradley)	5848	BYW88-300M	5878	BYX42-900R	5891	BYX67-500MR	6011	BZ-162	145A	BZV17C78	4934	BZX55C82	5049A
BY5202(Bradley)	5848	BYW88-300MR	5879	BYX42-900R	5891	BYX67-500MR	6011	BZ162	145A	BZV17C79	4934	BZX55C85	5050A
BY7001	5868	BYW88-300MR	5879	BYX42-900R	5891	BYX67-500MR	6011	BZ-167	145A	BZV17C80	4934	BZX55C87	5051A
BY7002	5868	BYW88-300R	5879	BYX42-900R	5891	BYX67-500MR	6011	BZ-172	145A	BZV17C81	4934	BZX55C90	5052A
BY7101	5868	BYW88-400	5878	BYX42-900R	5891	BYX67-500MR	6011	BZ172	145A	BZV17C82	4934	BZX55C92	5053A
BY7102	5868	BYW88-400MR	5879	BYX42-900R	5891	BYX67-500MR	6011	BZ177	145A	BZV17C83	4934	BZX55C95	5054A
BY7201	5868	BYW88-400MR	5879	BYX42-900R	5891	BYX67-500MR	6011	BZ177	145A	BZV17C84	4934	BZX55C98	5055A
BY7202	5868	BYW88-400R	5879	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C85	4934	BZX55C100	5056A
BY8001	5890	BYW88-500	5882	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C86	4934	BZX55C102	5057A
BY8002	5890	BYW88-500MR	5883	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C87	4934	BZX55C105	5058A
BY8101	5890	BYW88-500MR	5883	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C88	4934	BZX55C108	5059A
BY8102	5890	BYW88-500R	5883	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C89	4934	BZX55C110	5060A
BY8201	5890	BYW88-500R	5883	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C90	4934	BZX55C112	5061A
BY8202	5890	BYW88-500R	5883	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C91	4934	BZX55C115	5062A
BYDD66	411/396	BYW88-600MR	5883	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C92	4934	BZX55C118	5063A
BYQ331	6240	BYW88-600R	5883	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C93	4934	BZX55C120	5064A
BYQ28-50	6240	BYW88-800	5886	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C94	4934	BZX55C122	5065A
BYQ28-100	6240	BYW88-800MR	5886	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C95	4934	BZX55C125	5066A
BYQ28-150	6240	BYW88-800MR	5886	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C96	4934	BZX55C128	5067A
BYQ28-200	6240	BYW88-800MR	5886	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C97	4934	BZX55C130	5068A
BYT01-200	587	BYW88-1000	5890	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C98	4934	BZX55C132	5069A
BYT03-200	588	BYW88-1000MR	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C99	4934	BZX55C135	5070A
BYT16P-200	6240	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C100	4934	BZX55C138	5071A
BYT95	580	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C101	4934	BZX55C140	5072A
BYT95A	580	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C102	4934	BZX55C142	5073A
BYT95B	580	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C103	4934	BZX55C145	5074A
BYT95C	580	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C104	4934	BZX55C148	5075A
BYV10-20	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C105	4934	BZX55C150	5076A
BYV10-30	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C106	4934	BZX55C152	5077A
BYV10-40	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C107	4934	BZX55C155	5078A
BYV10-50	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C108	4934	BZX55C158	5079A
BYV10-60	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C109	4934	BZX55C160	5080A
BYV10-70	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C110	4934	BZX55C162	5081A
BYV10-80	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C111	4934	BZX55C165	5082A
BYV10-90	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C112	4934	BZX55C168	5083A
BYV10-100	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C113	4934	BZX55C170	5084A
BYV10-110	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C114	4934	BZX55C172	5085A
BYV10-120	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C115	4934	BZX55C175	5086A
BYV10-130	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C116	4934	BZX55C178	5087A
BYV10-140	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C117	4934	BZX55C180	5088A
BYV10-150	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C118	4934	BZX55C182	5089A
BYV10-160	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C119	4934	BZX55C185	5090A
BYV10-170	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C120	4934	BZX55C188	5091A
BYV10-180	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C121	4934	BZX55C190	5092A
BYV10-190	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C122	4934	BZX55C192	5093A
BYV10-200	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C123	4934	BZX55C195	5094A
BYV10-210	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C124	4934	BZX55C198	5095A
BYV10-220	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C125	4934	BZX55C200	5096A
BYV10-230	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C126	4934	BZX55C202	5097A
BYV10-240	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C127	4934	BZX55C205	5098A
BYV10-250	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C128	4934	BZX55C208	5099A
BYV10-260	585	BYW88-1000R	5891	BYX42-900R	5891	BYX67-500MR	6011	BZ182	145A	BZV17C129	4934	BZX55C210	5100A
BYV10-270	585	BYW88-10											

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To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
C15M(SCR)	5487	C38U(SCR)	5541	C50A	101	C105	123A	C120	123A	C143-05	960	C164B(SCR)	5371
C15U(SCR)	5481	C39(Transistor)	108	C50A(SCR)	5570	C106	282S	C121	128	C143C08	964	C164B2(SCR)	5368
C16	123A	C39-207	123A	C50B(SCR)	5570	C106(PNP)	129	C122(SCR)	5466	C144E1SE	5360	C164C(SCR)	5371
C16(I)	1045	C39A	108	C50BA042	121	C106A(MOT)	5413	C122(Transistor)	128	C144E30E	5360	C164C2(SCR)	5368
C16(I)	1045	C40	108	C50C(SCR)	5572	C106A(SCR)	5454	C122A(SCR)	5462	C144E4(Dig. Trans)	2359	C164D(SCR)	5371
C16A	123A	C40G	5360	C50C(I)	1084	C106A1	5454	C122A1	5462	C144E4(Dig. Trans)	2359	C164D2(SCR)	5368
C16A(I)	1045	C41	163A	C50D(SCR)	5572	C106A2	5454	C122A2	5462	C144E4(Dig. Trans)	2359	C164E(SCR)	5371
C16C(I)	1045	C41C(I)	1093	C50E(SCR)	5572	C106A3	5454	C122A3	5462	C144E4(Dig. Trans)	2359	C164E2(SCR)	5368
C17	123A	C41TV	163A	C50F(SCR)	5570	C106A4	5454	C122A4	5462	C144E5(Dig. Trans)	2359	C164F(SCR)	5371
C17(I)	1047	C42	163A	C50G(SCR)	5570	C106B(MOT)	5414	C122A5	5462	C144F(Dig. Trans)	2359	C164M2(SCR)	5368
C17A	123A	C42A	163A	C50H(SCR)	5572	C106B(SCR)	5455	C122A6	5462	C144K(Dig. Trans)	2418	C165A(SCR)	5371
C17C(I)	1047	C43	163A	C50M	5572	C106B1	5455	C122B(SCR)	5463	C144M15E	5360	C165A2(SCR)	5368
C17C/D368(I)	1047	C44	163A	C50M(SCR)	5572	C106B2	5455	C122B1	5463	C144M30E	5360	C165B(SCR)	5371
C18	123A	C44-04	552	C50N(SCR)	5574	C106B3	5455	C122B2	5463	C144N(Dig. Trans)	2359	C165B2(SCR)	5368
C19	128	C45	123A	C50P(SCR)	5574	C106B4	5455	C122B3	5463	C145AQ	289A	C165C(SCR)	5371
C20	128	C45A(SCR)	5570	C50PA(SCR)	5574	C106C(MOT)	5415	C122B4	5463	C147	128	C165C2(SCR)	5368
C20A(SCR)	5491	C45B(SCR)	5570	C50PB(SCR)	5574	C106C(SCR)	5457	C122B5	5463	C147A(SCR)	5567	C165D(SCR)	5371
C20A-U	5483	C45C(SCR)	5572	C50PC(SCR)	5574	C106C1	5457	C122B6	5463	C147B(SCR)	5567	C165E(SCR)	5368
C20B(SCR)	5492	C45D(SCR)	5572	C50T(SCR)	5574	C106C2	5457	C122C(SCR)	5465	C147C(SCR)	5568	C165F(SCR)	5371
C20C(I)	1075A	C45E(SCR)	5572	C50U(SCR)	5570	C106C3	5457	C122C1	5465	C147D(SCR)	5568	C165G(SCR)	5368
C20C1(I)	1075A	C45F(SCR)	5570	C51	128	C106C4	5457	C122C2	5465	C147E(SCR)	5568	C165M(SCR)	5371
C20C2(I)	1075A	C45G(SCR)	5570	C52(Transistor)	123A	C106D(MOT)	5415	C122C3	5465	C147M(SCR)	5568	C165M2(SCR)	5368
C20D	5496	C45H(SCR)	5572	C52A(SCR)	5575	C106D(SCR)	5457	C122C4	5465	C147N	5568	C165N(SCR)	5368
C20F(SCR)	5491	C45I(SCR)	5572	C52B(SCR)	5575	C106D1	5457	C122C5	5465	C147PA	5569	C165N2(SCR)	5368
C20U(SCR)	5491	C45M30X2	5368	C52C(SCR)	5577	C106D2	5457	C122C6	5465	C147PB	5569	C165S(SCR)	5372
C21	130	C45N(SCR)	5574	C52D(SCR)	5577	C106D3	5457	C122D(SCR)	5465	C147S(SCR)	5569	C165S2(SCR)	5368
C22B(SCR)	5514	C45P(SCR)	5574	C52E(SCR)	5577	C106D4	5457	C122D1	5465	C147T(SCR)	5569	C166	123A
C22C(I)	1078S	C45PA(SCR)	5574	C52F(SCR)	5575	C106E(MOT)	5416	C122D2	5465	C147U	5569	C167	123A
C23	400/128	C45PB(SCR)	5574	C52G(SCR)	5575	C106F(SCR)	5454	C122D3	5465	C148(Transistor)	108	C168	123A
C23C	1046	C45S(SCR)	5574	C52H(SCR)	5577	C106F(MOT)	5412	C122D4	5465	C149	128	C170R	123A
C23C(I)	1046	C45T(SCR)	5574	C52M(SCR)	5577	C106F1	5453	C122D5	5465	C150(SCR)	5481	C171	123A
C24	400/128	C45U(SCR)	5570	C52N(SCR)	5579	C106F2	5453	C122D6	5465	C150E(SCR)	5481	C172	123A
C25-06	552	C46	128	C52P(SCR)	5579	C106F3	5453	C122F(SCR)	5461	C150F(SCR)	5572	C173	101
C25-06M	580	C46A(SCR)	5575	C52PA(SCR)	5579	C106F4	5453	C122F2	5461	C150PA	5574	C174	123A
C26	123A	C46B(SCR)	5575	C52PB(SCR)	5579	C106M(MOT)	5416	C122F3	5461	C150PB	5574	C174A	161
C27	123A	C46C(I)	1077	C52S(SCR)	5579	C106Q(MOT)	5411	C122F4	5461	C150S(SCR)	5574	C175	101
C27-13	506	C46C(SCR)	5577	C52T(SCR)	5579	C106Q(SCR)	5452	C122F5	5461	C150T(SCR)	5574	C176	102A
C27C(I)	1124	C46D(SCR)	5577	C52U(SCR)	5575	C106Q1	5452	C122F6	5461	C150T1	5574	C177	101
C27C1(I)	1124	C46E(SCR)	5577	C53	123A	C106Q2	5452	C122F7	5461	C151H	123	C178	101
C28	123	C46F(SCR)	5577	C54	123A	C106Q3	5452	C122N1	5468	C151HA	123	C178A	123A
C29	123	C46G(SCR)	5575	C55	123A	C106Q4	5452	C122S1	5468	C151HA	123	C178B	123A
C29C(I)	1089	C46H(SCR)	5577	C56	107	C106Y(MOT)	5412	C122X5(SCR)	5461	C151HC	123	C178C	123A
C29C2	1089	C46M(SCR)	5577	C58	154	C106Y(SCR)	5452	C123A(Transistor)	5417	C151L	198	C178HA	123A
C29C2(I)	1089	C46N(SCR)	5579	C58A	154	C106Y1	5452	C123B(SCR)	5417	C151LM	198	C178HB	123A
C29C2(I)	1089	C46P(SCR)	5579	C59	154	C106Y2	5452	C123C(SCR)	5418	C151M	198	C178HC	123A
C29C3(I)	1089	C46PA(SCR)	5579	C60	103A	C106Y3	5452	C123D(SCR)	5418	C152A	123	C179	103A
C29CZ	1089	C46PB(SCR)	5579	C60(Transistor)	108	C106Y4	5452	C123D1(SCR)	5418	C152B	123	C180(Transistor)	103A
C30	128	C46S(SCR)	5579	C60(diode)	108	C107A(SCR)	5454	C123D2(SCR)	5418	C152C	123	C180A(SCR)	5580
C30-1(SCR)	5547	C46T(SCR)	5579	C61	128	C107A2	5454	C123D3(SCR)	5418	C152E(SCR)	5575	C180AX500	5587
C30-2(SCR)	5547	C46U(SCR)	5579	C62(Transistor)	123A	C107A3	5454	C123D4(SCR)	5418	C152H	123	C180B(SCR)	5580
C30-5	5547	C47	128	C63	123A	C107B(SCR)	5455	C123D5(SCR)	5418	C152HA	123	C180B(X500)	5587
C30A(SCR)	5522	C47-02	580	C63(Japan)	108	C107B1	5455	C123D6(SCR)	5418	C152HC	123	C180C(SCR)	5582
C30B(SCR)	5524	C47-04	580	C64	128	C107B2	5455	C123E(Dig. Trans)	2357	C152M	123	C180C(X500)	5587
C30C(SCR)	5527	C47C(I)	1076	C64(Japan)	154	C107B3	5455	C124	128	C152N	123	C180D(SCR)	5582
C30C(I)	1049	C48	128	C65	154	C107B4	5455	C124E(Dig. Trans)	2357	C152H	123	C180D(X500)	5587
C30D(SCR)	5527	C48C	128	C65B	154	C107C	5455	C124E4(Dig. Trans)	2357	C152M	123	C180E(SCR)	5582
C30F(SCR)	5521	C48C(I)	1091	C65N	154	C107C2	5457	C124E5(Dig. Trans)	2357	C152M	123	C180F(SCR)	5582
C30U(SCR)	5521	C48C1(I)	1091	C65Y	154	C107C3	5457	C124N(Dig. Trans)	2357	C152M	123	C180G(SCR)	5582
C31	123A	C48C-1(I)	1091	C65YA	154	C107C4	5457	C124N1(Dig. Trans)	2357	C152M	123	C180H(SCR)	5582
C31(I)	1048	C48M30	5371	C65YB	154	C107C5	5457	C124N2(Dig. Trans)	2357	C152M	123	C180I(SCR)	5582
C31A(I)	1048	C48M30X2	5368	C65YTV	154	C107C6	5457	C124N3(Dig. Trans)	2357	C152M	123	C180J(SCR)	5582
C31C	1048	C48M40	5371	C66	154	C107C7	5457	C124N4(Dig. Trans)	2357	C152M	123	C180K(SCR)	5582
C31C1(I)	1048	C48M40X2	5368	C66Y	154	C107C8	5457	C124N5(Dig. Trans)	2357	C152M	123	C180L(SCR)	5582
C31C1(I)	1048	C48N30	5368	C66-11111-0001	123A	C107C9	5457	C124N6(Dig. Trans)	2357	C152M	123	C180M(SCR)	5582
C32	123A	C48N30X2	5368	C68-P11150-00001	123A	C107D	5457	C124N7(Dig. Trans)	2357	C152M	123	C180N(SCR)	5582
C32A	128	C48N40	5372	C69	154	C107D2	5457	C124N8(Dig. Trans)	2357	C152M	123	C180O(SCR)	5582
C32C(I)	1050	C48N40X2	5368	C70	154	C107D3	5457	C124N9(Dig. Trans)	2357	C152M	123	C180P(SCR)	5582
C33	161	C48P30	5372	C71	101	C107D4	5457	C124N10(Dig. Trans)	2357	C152M	123	C180PB	5584
C34(Transistor)	103A	C48P30X2	5368	C72	101	C107D5(SCR)	5457	C124N11(Dig. Trans)	2357	C152M	123	C180S(SCR)	5584
C35(Transistor)	103A	C48P40	5372	C73	100	C107D6	5457	C124N12(Dig. Trans)	2357	C152M	123	C180S(X500)	5589
C35-02	588	C48P40X2	5368	C73(Japan)	101	C107D7	5457	C124N13(Dig. Trans)	2357	C152M	123	C180T(SCR)	5584
C35A(SCR)	5542	C48PA30	5372	C74	123	C107D8	5457	C124N14(Dig. Trans)	2357	C152M	123	C181	103A
C35B(SCR)	5543	C48PA30X2	5368	C75	100	C107D9	5457	C124N15(Dig. Trans)	2357	C152M	123	C182	313
C35C(SCR)	5545	C48PA40	5372	C75(Japan)	100	C107D10	5457	C124N16(Dig. Trans)	2357	C152M	123	C182Q	313
C35D(SCR)	5545	C48PA40X2	5368	C75C2(I)	1140	C107D11	5457	C124N17(Dig. Trans)	2357	C152M	123	C183	313
C35E(SCR)	5547	C48PB30	5372	C76	100	C107D12	5457	C124N18(Dig. Trans)	2357	C152M	123	C183E	313
C35F(SCR)	5541	C48PB30X2	5368	C76(Japan)	101	C107D13	5457	C124N19(Dig. Trans)	2357	C152M	123	C183J	313
C35G(SCR)	5543	C48PB40	5372	C77C	101	C107D14	5457	C124N20(Dig. Trans)	2357	C152M	123	C183K	313
C35H(SCR)	5545	C48PB40X2	5368	C78	101	C107D15	5457	C124N21(Dig. Trans)	2357	C152M	123	C183L	313
C35M(SCR)	5547	C48S30	5372	C79	108	C107D16	5457	C124N22(Dig. Trans)	2357	C152M	123	C183M	313
C35U(SCR)	5541	C48S30X2	5368	C80	161	C107D17	5457	C124N23(Dig. Trans)	2357	C152M	123	C183P	313
C36	103	C48S40	5372	C81-004	586	C107D18	5457	C124N24(Dig. Trans)	2357	C152M	123	C183Q	313
C36(Transistor)	101	C48S40X2	5368	C81C(I)	1075A	C107D19	5457	C124N25(Dig. Trans)	2357	C152M	123	C183R	313
C36A(SCR)	5502	C48T30	5372	C82-004	608S	C107D20	5457	C124N26(Dig. Trans)	2357	C152M	123	C183W	313
C36B(SCR)	5504	C48T30X2	5368	C82S	108	C107D21	5457	C124N27(Dig. Trans)	2357	C152M	123	C184	313
C36C(SCR)	5507	C48T40	5372	C83-829	116	C107D22	5457	C124N28(Dig. Trans)	2357	C152M	123	C184(Korea)	123AP
C36D(SCR)	5507	C48T40X2	5368	C83-880	116	C107D23	5457	C124N29(Dig. Trans)	2357	C152M	123	C184H	313
C36E(SCR)	5509	C48Y10	5371	C87	123A	C107D24	5457	C124N30(Dig. Trans)	2357	C152M	123	C184J	313
C36G(SCR)	5504	C49A10											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C195	123A	C228U(SCR)	5541	C267A	123A	C321HB	123A	C370	289A	C383F	85	C401	289A
C196	123A	C228U2	5562	C270	165	C321HC	123A	C370F	289A	C383G	85	C401(Japan)	123A
C197	123A	C228U3	5562	C271	108	C322	123A	C370G	289A	C383H	85	C401A	289A
C199	123A	C228U4	5534A	C272	108	C323	123A	C370H	289A	C383TM(Trans)	85	C401AK	289A
C200(SCR)	5494	C228U5	5534A	C273	154	C324	123A	C370J	289A	C383W	85	C401AL	289A
C200(transistor)	123A	C229	128	C277C	103A	C324C	987	C370K	289A	C383Y	85	C402	289A
C201	129	C229A(SCR)	5517	C277C(IC)	943M	C324H	123A	C371	289A	C384	107	C402(Japan)	123A
C201(Japan)	123A	C229B(SCR)	5517	C281	123A	C324HA	123A	C371(O)	289A	C384A(SCR)	5380	C402A	289A
C202	102A	C229C(SCR)	5517	C281A	123A	C325	316	C371-O	289A	C384B(SCR)	5380	C403	289A
C202(Japan)	123A	C229D(SCR)	5518	C281B	123A	C325A	316	C371B	289A	C384C(SCR)	5380	C403(C)	289A
C203	123A	C229E(SCR)	5519	C281C	123A	C325C	316	C371G	289A	C384D(SCR)	5380	C403(3rd IF)(ECB)	233
C203A(SCR)	5402	C229F(SCR)	5517	C281C-EP	123A	C325E	152	C371-O	289A	C384E(SCR)	5380	C403A	289A
C203B(SCR)	5404	C229G(SCR)	5519	C281D	123A	C328	316	C371-O	289A	C384M(SCR)	5380	C403B(Sony)	289A
C203C(SCR)	5405	C229H(SCR)	5517	C281EP	123A	C328A	316	C371F	289A	C384-O	107	C403C	289A
C203D(SCR)	5405	C230	123A	C281H	123A	C329	316	C371-R	289A	C384Y	107	C403SP	289A
C203M(SCR)	5406	C230A4	5534A	C281HA	123A	C329B	316	C371-R-1	289A	C385(Transistor)	107	C404	289A
C203Y(SCR)	5400	C230A5	5534A	C281HB	123A	C329C	316	C372	85	C385A	107	C405	123A
C203YY	5400	C230A6	5534A	C281HC	123A	C333H	123A	C372(O)	85	C385A(SCR)	5380	C406	123A
C204	123A	C230B5	5534A	C282	108	C333HA	123A	C372-1	85	C385B(SCR)	5380	C407	385
C204F	123A	C230C4	5534A	C282(Transistor)	108	C333HB	123A	C372-2	85	C385C(SCR)	5380	C407(Japan)	162
C205	123A	C230C5	5534A	C282H	123A	C333HC	123A	C372/4454C	85	C385D(SCR)	5380	C408	385
C206	161	C230D(SCR)	5527	C282HA	123A	C335	123A	C372B	85	C385E(SCR)	5380	C409	385
C206(C)	107A	C230D5	5534A	C282HB	123A	C337B	123A	C372FA	85	C385M(SCR)	5380	C410	385
C207	161	C230E4	5534A	C282HC	123A	C338	123A	C372GO	85	C385N(SCR)	5381	C411	385
C208	161	C230E5	5534A	C283	123A	C348	123A	C372GR	85	C385S(SCR)	5381	C412	278
C209	161	C230F5	5534A	C283(Transistor)	123A	C350(Transistor)	123A	C372GY	85	C386	107	C420	128
C210	128	C230F5	5534A	C284	123A	C350E(SCR)	5591	C372H	85	C386A-0(TV)	107	C423	311
C211	128	C230F5	5534A	C284A	123A	C350P(SCR)	5592	C372H	85	C387	311	C423B	123A
C212	128	C230M5	5534A	C284HB	123A	C350M(SCR)	5592	C372-O	85	C387(Transistor)	311	C423C	123A
C213	282S	C230U4	5534A	C285	311	C350N(SCR)	5592	C372-R	85	C387A	311	C423D	123A
C214	282S	C230U5	5534A	C285A	311	C350P(SCR)	5592	C372X	85	C387A(Transistor)	316	C423E	123A
C215	282S	C231	108	C285A(B)	311	C350PA	5592	C372Y	85	C387A(FA-3)Tran	316	C423F	123A
C216	128	C232	123A	C286(Transistor)	313	C350S(SCR)	5592	C372-Y	85	C387A(FA-3)	108	C423G	123A
C217	128	C233	123A	C286(Trans)	65	C350T(SCR)	5592	C372-Z	85	C387AC	107	C423SC	123A
C218	128	C234	282S	C288A(Trans)	65	C351	107	C373	85	C387E(SCR)	5386	C423SD	123A
C218A	128	C234A(SCR)	5534A	C288A(S.B)	65	C351(FA)	107	C373-O	85	C387G	108	C423SE	123A
C219	161	C234A2	5562	C288B(S.B)	5547	C352	123A	C373BL	85	C387G(Transistor)	107	C423SF	123A
C220	128	C234A3	5562	C288F(S.B)	65	C352A	123A	C373BL	85	C387M(SCR)	5386	C424	123A
C220A(SCR)	5491	C234A4	5534A	C288F(Trans)	65	C352A(Japan)	128	C373BL	85	C387M(SCR)	5387	C424(Japan)	123A
C220A4	5534A	C234A5	5534A	C289	108	C352A(Japan)	128	C373BL	85	C387P(SCR)	5387	C424D	123A
C220A5	5534A	C234B(SCR)	5527	C290	195A	C353A	128	C373W	85	C387PA(SCR)	5387	C425	128
C220B(SCR)	5492	C234B2	5562	C291(Transistor)	128	C353A	128	C374	199	C387PB(SCR)	5387	C425B	123A
C220B4	5534A	C234B3	5562	C292	128	C354A(SCR)	5380	C374-BL	199	C387S(SCR)	5387	C425C	123A
C220B5	5534A	C234B4	5534A	C293	282S	C354B(SCR)	5380	C374-J	199	C387T(SCR)	5387	C425D	123A
C220C(SCR)	5494	C234B5	5534A	C294(EBC)	81	C354C(SCR)	5380	C374-V	199	C388	107	C425E	123A
C220C4	5534A	C234C(SCR)	5527	C295	161	C354E(SCR)	5380	C375	107	C388A	107	C425F	123A
C220C5	5534A	C234C2	5564	C296	282S	C354F(SCR)	5380	C375-O	107	C388A-TM	107	C426	128
C220D4	5534A	C234C3	5564	C298-4	282S	C354M(SCR)	5380	C375-Y	311	C388ATM	107	C428	311
C220D5	5534A	C234C4	5534A	C299	427/282S	C355A(SCR)	5380	C376	85	C388ATMFA-1(Trans)	107	C429	313
C220E(SCR)	5496	C234C5	5534A	C300	123A	C355B(SCR)	5380	C377	85	C388ATV	107	C429J	313
C220E4	5534A	C234D(SCR)	5527	C300B	123A	C355C(SCR)	5380	C377-0	85	C388E(SCR)	5386	C429X	313
C220E5	5534A	C234D2	5564	C300C	123A	C355D(SCR)	5380	C377-O	85	C388M(SCR)	5386	C430	313
C220F(SCR)	5491	C234D3	5564	C300D	123A	C355E(SCR)	5380	C377-O	85	C388M(SCR)	5387	C430H	313
C220F4	5534A	C234D4	5534A	C300E	123A	C355M(SCR)	5380	C377-O	289A	C388P(SCR)	5387	C430W	313
C220F5	5534A	C234D5	5534A	C301	123A	C355S(SCR)	5380	C378	85	C388PA(SCR)	5387	C440	311
C220M(SCR)	5496	C234E(SCR)	5529	C301A(PNP)	129	C356C(IC)	928M	C378-O	289A	C388PB(SCR)	5387	C440E	5598
C220M4	5534A	C234E2	5566	C301B	123A	C356E(SCR)	5380	C378-R	289A	C388S(SCR)	5387	C440M	5598
C220M5	5534A	C234E3	5566	C301C	123A	C356M(SCR)	5380	C378-Y	289A	C388T(SCR)	5387	C440N	5599
C220U(SCR)	5491	C234E4	5534A	C301D	123A	C356P(SCR)	5381	C379	85	C389	161	C440PA	5599
C220U4	5534A	C234E5	5534A	C301E	123A	C356PB(SCR)	5381	C380	85	C389-0	161	C440PB	5599
C220U5	5534A	C302(Japan)	123A	C302	123A	C356PB(SCR)	5381	C380A	5590	C389R	161	C440S	5599
C220V	5491	C302(PNP)	129	C302A	123A	C356S(SCR)	5381	C380A(O)	85	C390	316	C440T	5599
C221	128	C302B	123A	C302C	123A	C356T(SCR)	5381	C380A-1	85	C390A(SCR)	5595	C441	311
C222	128	C302C	123A	C302D	123A	C360	123A	C380A-1	5590	C390M(SCR)	5595	C442	311
C222A(SCR)	5514	C302E	123A	C302E	123A	C360B	123A	C380A-1	85	C390M(SCR)	5596	C443	128
C222B(SCR)	5514	C302F	123A	C302F	123A	C360D	123A	C380A-1	85	C390P(SCR)	5596	C444	123A
C222C(SCR)	5515	C303(IC)	1049	C303	128	C361	289A	C380A-0(TV)	289A	C390PB	5596	C445	123A
C222D(SCR)	5515	C306	128	C306	128	C362	289A	C380A-C	85	C390T(SCR)	5596	C446	85
C222DX111	5515	C306B	128	C306B	128	C363	85	C380AO	85	C392	316	C454	85
C222E(SCR)	5516	C306C	128	C306C	128	C364A(SCR)	5380	C380A-O	85	C392E(BOE)	289A	C454(A)	85
C222F(SCR)	5514	C306D	128	C306D	128	C364B(SCR)	5380	C380A-0(TV)	85	C392E(IC)	943M	C454A	85
C222M(SCR)	5516	C306E	128	C306E	128	C364C(SCR)	5380	C380A-R	85	C394	85	C454B	85
C222U(SCR)	5514	C306F	128	C306F	128	C364D(SCR)	5380	C380AR	85	C394-O	85	C454C	85
C223	282S	C307	128	C307	128	C364E(SCR)	5380	C380A-R(TV)	85	C394A(SCR)	5386	C454D	85
C223(Transistor)	128	C234U5	5534A	C307B	128	C364M(SCR)	5380	C380ATV	85	C394B(SCR)	5386	C454L	85
C224	282S	C235	282S	C307C	128	C365	5531	C394C(SCR)	85	C394C(SCR)	5386	C454M	85
C225	282S	C235(O)	282S	C307D	128	C365A(SCR)	5380	C394D(SCR)	5590	C394D(SCR)	5386	C455	289A
C226	128	C235A(SCR)	5517	C307E	128	C365B(SCR)	5380	C394E(SCR)	5591	C394E(SCR)	5386	C456	123A
C227	128	C235B(SCR)	5517	C308	128	C365C(SCR)	5380	C394F	85	C394F	85	C456A	195A
C228	128	C235C(SCR)	5518	C309	128	C365D(SCR)	5380	C394G	85	C394G	85	C456B	85
C228A(SCR)	5542	C235D(SCR)	5518	C309B	128	C365E(SCR)	5380	C394H	85	C394H	85	C456C	85
C228A2	5562	C235E(SCR)	5519	C309C	128	C365F(SCR)	5380	C394I	85	C394I	85	C456D	85
C228A3	5562	C235F(SCR)	5517	C309D	128	C365G(SCR)	5381	C394J	85	C394J	85	C456E	85
C228A4	5534A	C235M(SCR)	5519	C309E	128	C365S(SCR)	5381	C394K	85	C394K	85	C456F	85
C228A5	5534A	C235-O	282S	C310	282S	C366	85	C394L	85	C394L	85	C456G	85
C228B(SCR)	5543	C235U(SCR)	5517	C310B	282S	C366G	85	C394M	85	C394M	85	C456H	85
C228B2	5562	C235Y	282S	C310C	282S	C366-O	85	C394N	85	C394N	85	C456I	85
C228B3	5562	C236	128	C310D	282S	C366-R	85	C394O	85	C394O	85	C456J	85
C228B4	5534A	C237	123A	C310E	282S	C366F	85	C394P	85	C394P	85	C456K	85
C228B5	5534A	C238	123A	C311	195A	C366Y	85	C394Q	85	C394Q	85	C456L	85
C228C(SCR)	5545	C239	123A	C312	224	C366-Y	85	C394R	85	C394R	85	C456M	85
C228C2	5564	C240	130	C313	161	C367	85	C394S	85	C394S	85	C456N	85
C228C3	5564												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C458LGO	85	C495-X(Trans)	295	C536FPG	199	C564A	123A	C614F	195A	C665HA	87	C693SF	199
C458LGS	85	C495Y	295	C536FPH	199	C564C(IC)	1088	C614G	195A	C665HB	87	C693SG	199
C458M	85	C495-Y	295	C536FS	199	C564P	123A	C615	195A	C668	229	C693SH	199
C458-O(Trans)	85	C495-YX(Trans)	295	C536G	199	C564Q	123A	C615A	195A	C668-0	107	C693S	199
C458P	85	C496	295	C536H	199	C564R	123A	C615B	195A	C668A	107	C694D	123A
C458PGC	85	C496(O)	295	C536K	199	C564S	123A	C615C	195A	C668B	107	C694E	199
C458RGS	85	C496-O	295	C536KD(Trans)	289A	C564T	123A	C615D	195A	C668B1	107	C694F	199
C458TOK	85	C496O	295	C536KE(Trans)	289A	C565	123A	C615E	195A	C668BC2	107	C694G	199
C458V	85	C496-O	295	C536KF	199	C566	316	C615F	195A	C668C	107	C694Z	199
C458VOC	85	C496-R	295	C536KG(Trans)	199	C566(IC)	1052	C615G	195A	C668C1	107	C695	313
C458-Y(Trans)	85	C496-Y	295	C536KNP	199	C566H(IC)	1052	C618	161	C668CD	107	C696	128
C459	85	C496Y	184	C536KNPD	289A	C566H2(IC)	1052	C618A	161	C668CE	107	C696(D)	128
C459B	85	C497	128	C536KNPE	289A	C566H-L	1052	C619(BCE)	85	C668D	107	C696A	128
C459C	85	C497-O	128	C536KNPF	289A	C566H-M	1052	C619(BCE)	85	C668D1	107	C696AD	128
C459D	85	C497-R	128	C536NP	85	C566H-N	1052	C619C(BCE)	85	C668DE	107	C696AE	128
C460	85	C497-Y	128	C536NPD	289A	C567	316	C619D(BCE)	85	C668DO	107	C696B	128
C460(A)	85	C498	128	C536NPE	289A	C568	316	C619E(BCE)	85	C668D1	107	C696AH	128
C460(B)	85	C498-O	128	C536NPF	289A	C570(IC)	1086	C620(BCE)	85	C668DX	107	C696AJ	128
C460A	85	C498-R	128	C536SP	199	C570C(IC)	1086	C620C(BCE)	85	C668DZ	107	C696B	128
C460AB	85	C498-Y	128	C536SPD	289A	C571	346	C620D(BCE)	85	C668E	107	C696D	128
C460B	85	C499	289A	C536SPE	289A	C571(IC)	1078	C620D1(BCE)	85	C668E1	107	C696E	128
C460C	85	C499R	289A	C536SPF	289A	C571C(IC)	1078	C620D2(BCE)	85	C668F	107	C696F	128
C460D	85	C499-R(FA-1)	289A	C536Y(Trans)	85	C571H(IC)	1638	C620D3(BCE)	85	C668G	107	C696G	128
C460F	85	C499-RY	289A	C537	289A	C572	475	C620E(BCE)	85	C668H	107	C696H	128
C460G	85	C499Y	289A	C537(F)	199	C572R	475	C620M(BCE)	85	C668EV	107	C696I	128
C460GB	85	C499-Y(FA-1)	289A	C537(G)	199	C573	476	C620MC(BCE)	85	C668EX	107	C696J	128
C460H	85	C500	154	C537-01	289A	C573(IC)	1184	C620MD(BCE)	85	C668F	107	C697	427/282S
C460K	85	C500R	154	C537A	199	C573C(IC)	1184	C620ME(BCE)	85	C668SP	107	C697A	427/282S
C460L	85	C500Y	154	C537B	289A	C573R	476	C620R(BCE)	85	C668T	107	C697AB	427/282S
C461	85	C501(Transistor)	128	C537C	289A	C574J(IC)	615A	C621	85	C669A	282S	C697AD	427/282S
C461A	85	C502	195A	C537-C7	289A	C574J(DIODE)	615A	C622	123A	C670	124	C697AE	427/282S
C461B	85	C502(Japan)	195A	C537D	289A	C575(IC)	1140	C623	154	C670C	154	C697AF	427/282S
C461-C	85	C503	128	C537D2	289A	C575C(IC)	1140	C627F	154	C673D	159	C697AH	427/282S
C461B	85	C503GR	128	C537E	289A	C575C2(IC)	1140	C627FA	154	C674	107	C697AI	427/282S
C461E	85	C503-O	128	C537EF	289A	C576	1185	C628	311	C674(Japan)	107	C697AJ	427/282S
C461L	85	C503-Y	128	C537EH	289A	C576H	1185	C629	107	C674E	107	C697E	427/282S
C461R	85	C504	128	C537EJ	289A	C576H(IC)	1185	C631	85	C674F	107	C697F	427/282S
C463	161	C504GR	128	C537EK	289A	C577	1082	C631A	85	C674CV	107	C697H	427/282S
C463(Y)	131	C504-O	128	C537F	289A	C577C	1082	C632	85	C674D	107	C697I	427/282S
C463H	161	C504-Y	128	C537F1	289A	C577A	1082	C632A	85	C674E	107	C697J	427/282S
C464	316	C505	154	C537F2	289A	C577H	1082	C633	85	C674F	107	C701(Transistor)	123
C464C	316	C-505	177	C537FC	289A	C577H(IC)	1082	C633-7	85	C674G	107	C702	123
C465	316	C505-O	154	C537FD	289A	C577N	1082	C633A	85	C675	87	C705	107
C466	316	C505-R	154	C537FV	199	C578	123	C633G	85	C677	87	C705B	107
C466H	316	C506	154	C537G	199	C580	123	C633H	85	C680	286	C705C	107
C467	108	C506-O	154	C537GF	123A	C580(IC)	1196	C634	85	C680A	286	C705D	107
C467B	108	C506-R	154	C537GI	199	C580C(IC)	1196	C634A	85	C680R	286	C705E	107
C468	123A	C507	154	C537H	199	C582	124	C635A	124	C681	283	C705F	107
C468(LGR)	123A	C507-O	154	C537HT	199	C582A	124	C636	187	C681(HORZ)	163A	C705TV	107
C468A	123A	C507-R	154	C537W	199	C582B	124	C637	475	C681A	283	C707	316
C468B	123A	C507-Y	154	C538	123A	C582BC	124	C638	476	C681ARD	283	C707H	316
C468C	123A	C508	384	C538A	123A	C582B2	124	C639	313	C681AYL	283	C708	128
C469	313	C509	289A	C538AQ	123A	C582BY	124	C640	313	C681B	283	C708A	128
C469A	313	C509(O)	289A	C538B	123A	C582C	316	C641	85	C681L(Trans)	283	C708AA	128
C469F	313	C509(Transistor)	289A	C538Q	123A	C583	316	C641B	85	C681Y(Trans)	283	C708AB	128
C469K	313	C509G	289A	C538R	123A	C583C	316	C641C	107	C681YL	283	C708AC	128
C469Q	313	C509Q	289A	C538S	123A	C586	289	C641K	85	C682	161	C708AH	128
C469R	313	C509Y	289A	C538T	123A	C587	123A	C641KB	85	C682A	161	C708AHA	128
C470	154	C510	324	C539	123A	C587A	123A	C641KC	85	C682B	161	C708AHB	128
C472Y	123A	C510-O	324	C539K	123A	C587B	123A	C642	164	C683	161	C708AHC	128
C475	313	C510-R	324	C539L	123A	C587C	123A	C642A	164	C683A	161	C708B	128
C475K	313	C511	324	C539P	123A	C588	154	C643	389	C683B	161	C708C	128
C476	313	C512	324	C539Q	123A	C589	154	C643A	238	C683P	161	C709	85
C477	161	C512-O	324	C539R	123A	C590Y	289A	C643A-4A	389	C683Q	161	C709B	85
C478	123A	C512-R	324	C539S	123A	C592(IC)	1195	C644	199	C683R	161	C709C	85
C478(D)	123A	C513	324	C540	313	C592A2	1195	C644C	199	C683V	161	C709CD	85
C478-4	123A	C513-O	324	C544	107	C592H(IC)	1195	C644F	199	C684	107	C709D	85
C478D	123A	C513R	324	C544C	107	C592H2(IC)	1195	C644F/494	199	C684(JAPAN)	108	C710(C)(BCE)	85
C478YL	195A	C514	124	C544D	107	C592H2(IC)	1195	C644FR	199	C684A	107	C710(BCE)	85
C479	128	C515	124	C544E	107	C593	123A	C644FS	199	C684A(JAPAN)	108	C710(D)(BCE)	85
C479H	128	C515A	124	C545	107	C594	123A	C644H	199	C684B	107	C710(B)(BCE)	85
C481	128	C515A(BK)	124	C545B	107	C595	123A	C644HR	199	C684BK	107	C710-0(BCE)	85
C481X	195A	C515AX	124	C545C	107	C595C	1186	C644HS	199	C684F	107	C710-1(BCE)	85
C482	128	C516	128	C545D	107	C595C2	1186	C644R	199	C684R	107	C710-2(BCE)	85
C482-GR	195A	C516	128	C545E	107	C596C2	1186	C644PJ	199	C685	124	C710-3(BCE)	85
C482GR	195A	C516A	128	C545F	311	C596	1187	C644Q	199	C685(O)	124	C710-4(BCE)	85
C482-O	195A	C517C	237	C547	107	C596(TRANSISTOR)	123A	C644QRS	199	C685(FET)	456	C710-13(BCE)	85
C482X	195A	C517C	237	C548(CBE-Europe)	123AP	C596C	1187	C644RST	199	C685A	124	C710-14	107
C482Y	195A	C519	87	C548C(CBE-Europe)	123AP	C596C	1187	C644RST	199	C685A(FET)	456	C710-14(BCE)	85
C484	324	C520	87	C-554(IC)	1142	C596C	1187	C644RST	199	C685B	124	C710-15(BCE)	85
C484BL	324	C520A	87	C554C(IC)	1142	C596C	1187	C644S	199	C685GU	124	C710B(BCE)	85
C484R	324	C521	87	C554C2(IC)	1142	C597	4016S	C644S/494	199	C685H	124	C710B2(BCE)	85
C484Y	324	C521A	87	C555	703	C601	311	C644T	199	C685HA	124	C710C(BCE)	85
C485	324	C522	427/282S	C555(IC)	703	C602	161	C645(Trans)	107	C685HB	124	C710D(BCE)	85
C485BL	324	C522-O	225	C555A(IC)	703	C602E	123A	C645A(Trans)	107	C685P	124	C710E(BCE)	85
C485C	324	C522-R	225	C555A2(IC)	703	C605	313	C645C(Trans)	107	C685S	124	C710F(BCE)	85
C485R	324	C523	427/282S	C555AB(IC)	703	C605(O)	313	C646	328	C685Y	124	C710G(BCE)	85
C485Y	324	C523-O	427/282S	C555C(IC)	703	C605(B)(Trans)	313	C647P	328	C686	154	C710H(BCE)	85
C486	324	C523-R	225	C-555C(IC)	703	C605(NEC)	313	C647P	328	C686-248-0	159	C710I(BCE)	85
C486BL	324	C524	427/282S	C555H(IC)	1092	C605K	313	C647Q	328	C687	280	C710F(BCE)	85
C486R	324	C524-O	225	C558	389	C605L	313	C647R	328	C690	359	C710P(BCE)	85
C486Y	324	C524-R	225	C558(CBE-Europe)	389	C605M	313	C648	123A	C690A	359	C710R(BCE)	85
C487	175	C525	237	C558C	1051	C605Q	313	C648H	123A	C693	199	C711(BCE)	85
C488	175	C525-O	225	C558C	1051	C605TW	313	C649	123A	C693(Japan)	199	C711E(BCE)	85
C489	175	C525-R	237	C558C(IC)	1051	C606	313	C649A	123A	C693A	199	C711F(BCE)	85

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C712-CD(BCE)	85	C735Y	289A	C772KB(ECB)	229	C815K	289A	C838B	289A	C870F	85	C908	479
C712D(BCE)	85	C735-Y	289A	C772KC(ECB)	229	C815L	289A	C838C	289A	C871	85	C912	85
C712DE(BCE)	85	C736	87	C772KD(ECB)	229	C815M	289A	C838D	289A	C871BL	85	C913	123A
C712E(BCE)	85	C738(BCE)	107	C772KD1(ECB)	229	C815-O	289A	C838E	289A	C871D	85	C914	123A
C712-O(BCE)	85	C738B(BCE)	107	C772KD2(ECB)	229	C815-O (Korea)	123AP	C838F	289A	C871D(BCE)	123AP	C915	123A
C712W(BCE)	85	C738B(BCE)	107	C772R(ECB)	229	C815P	289A	C838H	289A	C871E	85	C915A	123A
C713(BCE)	85	C738C(BCE)	107	C772R(Japan)	229	C815R(Korea)	123AP	C838J	289A	C871F	85	C915AO	123A
C713B(BCE)	85	C738D(BCE)	107	C772RD-D(ECB)	229	C815S	289A	C838K	289A	C871G	85	C915Q	123A
C713C(BCE)	85	C739(BCE)	107	C772RD(ECB)	229	C815SA	289A	C838L	289A	C872M	311	C915R	123A
C713D(BCE)	85	C739A(BCE)	107	C773(BCE)	289A	C815SC	289A	C838M	289A	C875	128	C917	383
C713E(BCE)	85	C739B(BCE)	107	C773C(BCE)	289A	C815-Y	289A	C838-O(Korea)	123AP	C875-1	128	C917K	161
C713M(BCE)	85	C739C(BCE)	107	C773D(BCE)	289A	C815Y	289A	C838R	289A	C875-1C	128	C918	161
C713MC(BCE)	85	C739D(BCE)	107	C773E(BCE)	289A	C815Y(Korea)	123AP	C838R(Korea)	123AP	C875-1D	128	C918A	161
C713MD(BCE)	85	C740	108	C774	128	C816	128	C838S	289A	C875-1E	128	C921(Korea)	123AP
C713ME(BCE)	85	C741	486	C775	128	C816K	128	C838W	289A	C875-1F	128	C921-O(Korea)	123AP
C713W(BCE)	85	C744	128	C776	195A	C817	161	C838Y(Korea)	123AP	C875-2	128	C921R(Korea)	123AP
C714(BCE)	289A	C752	85	C776(Y)	195A	C817B	161	C839	85	C875-2C	128	C921Y(Korea)	123AP
C714B(BCE)	289A	C752G	85	C776Y	195A	C817C	161	C839(M)	85	C875-2D	128	C922	107
C714C(BCE)	289A	C752G-O	85	C777	237	C817D	161	C839(L)	85	C875-2E	128	C922A	107
C714D(BCE)	289A	C752G-R	85	C778	237	C818	154	C839(J)	85	C875-2F	128	C922B	107
C715	85	C752G-TM-Y	85	C778B	237	C821	346	C839(H)	85	C875-3	128	C922C	107
C715(Japan)	199	C752G-Y	85	C778D	237	C822	346	C839A	85	C875-3C	128	C922K	107
C715A	85	C752O	85	C779	286	C823(ECB)	278	C839B	85	C875-3D	128	C922L	107
C715B	85	C756-1-1	282S	C779-O	286	C824	278	C839C	85	C875-3E	128	C922M	107
C715C	85	C752TM-Y(Trans)	85	C779-R	286	C825	286	C839D	85	C875-3F	128	C923	199
C715D	85	C752Y	85	C779-Y	286	C825A	286	C839E	85	C875BR	128	C923A	199
C715E	85	C756	282S	C780	194	C825B	286	C839F	85	C875C	128	C923B	199
C715EJ	85	C756-1	282S	C780AG	194	C825C	286	C839H	199	C875D	128	C923C	199
C715EV	85	C756-1-2	282S	C780AG-R	194	C826	128	C839H	85	C875E	128	C923D	199
C715F	85	C756-1-2	282S	C780AG-R	194	C827	128	C839J	85	C875F	128	C923E(Trans)	199
C715S	85	C756-1-3	282S	C780AG-Y	194	C827A	128	C839K	85	C875S	128	C923F	199
C715SC	85	C756-1-4	282S	C780G	194	C827B	128	C839L	85	C875SC	128	C923K(Trans)	199
C715SE	85	C756-2	282S	C780-O	194	C827C	128	C839M	85	C875SD	128	C923P(Trans)	199
C715SF	85	C756-2-1	282S	C781	128	C828	85	C839N	85	C875SE	128	C923Q	199
C715XL	85	C756-2-2	282S	C782	286	C828A	85	C839Q	85	C876	128	C923R(Trans)	199
C716	289A	C756-2-3	282S	C782-O	286	C828AF	85	C839R	85	C876C	128	C923U	199
C716B	289A	C756-2-4	282S	C782-R	286	C828AP	85	C839S	85	C876D	128	C924	107
C716C	289A	C756-2-5	282S	C782-Y	286	C828AQ	85	C839Y	85	C876E	128	C924E	107
C716D	289A	C756-3	282S	C783	286	C828AR	85	C840	175	C876F	128	C924F	107
C716E	289A	C756-3-1	282S	C783-O	286	C828AS	85	C840A	175	C876G	128	C924M	107
C716F	289A	C756-3-2	282S	C783-R	286	C828AT	85	C840AC	175	C876SC	128	C925(ECB)	123AP
C716G	289A	C756-3-3	282S	C783Y	286	C828B	85	C840H	175	C876SD	128	C926	399
C717	107	C756-3-4	282S	C783-Y	286	C828C	85	C840HP	175	C876SE	128	C926A	399
C717(Final IF)	107	C756-4	282S	C784(ECB)	229	C828E	85	C840PQ	175	C876TV	128	C926A(ECB)	287
C717B	107	C756-4-1	282S	C784-O(ECB)	229	C828F	85	C844	311	C876TVD	128	C926AE	399
C717BK	107	C756-4-2	282S	C784A(ECB)	229	C828FR	85	C845	311	C876TVE	128	C926AE(ECB)	287
C717BLK	107	C756-4-3	282S	C784B(ECB)	229	C828H	85	C847	123A	C876TVEF	128	C927	161
C717C	107	C756-4-4	282S	C784-C(ECB)	229	C828HR	85	C847A	123A	C881	192A	C927A	161
C717E	107	C756-5	282S	C784-O(ECB)	229	C828L	85	C847B	123A	C881A	192A	C927B	161
C717TM	161	C756A	282S	C784R(ECB)	229	C828LS	85	C847C	123A	C881B	192A	C927C	161
C720	161	C756A-1	282S	C784R/4454C(ECB)	229	C828N	85	C848	123A	C881C	192A	C927CJ	161
C722A	107	C756A-2	282S	C784Y(ECB)	229	C828O	85	C848A	123A	C881D	192A	C927CU	161
C722F	107	C756-3	282S	C785(O)	199	C828P	85	C848B	123A	C881K	192A	C927CW	161
C723	107	C756A-4	282S	C785-O(ECB)	229	C828Q	85	C848C	123A	C881L	192A	C927D	161
C723F	107	C756C	282S	C785-O	229	C828OP	85	C849	123A	C881M	192A	C927DD	161
C724	289A	C756D	282S	C785BN	229	C828-P	85	C849A	123A	C889	130	C927E	161
C724B	289A	C756E	282S	C785D	229	C828R	85	C849B	123A	C890	487	C928	161
C724G	289A	C756H	282S	C785E	229	C828R	85	C849C	123A	C891	363	C928B	161
C724V	289A	C756S	282S	C785F	229	C828PQ	85	C850	123A	C892	364	C928C	161
C724Y	289A	C756S-2	282S	C785TM-O(ECB)	229	C828-Q	85	C850A	123A	C893	427/282S	C928D	161
C725	289A	C756S-2-1	282S	C786	161	C828QRS	85	C850B	123A	C894	289A	C928E	161
C725B	289A	C756S-2-2	282S	C786-O	161	C828R	85	C850C	123A	C895	35S	C929	107
C725G	289A	C756S-2-3	282S	C786-O	161	C828R	85	C850D	123A	C896	123A	C929-O	107
C725-O	289A	C756S-2-4	282S	C786R	161	C828R/494	199	C851	192A	C897	280	C929B	107
C725V	289A	C756S-3	282S	C787	161	C828RS	85	C853(Korea)	123AP	C897A	260	C929C	107
C725Y	289A	C756S-3-1	282S	C788	154	C828RST	85	C853A	192A	C897B	280	C929C1	107
C727	287	C756S-3-2	282S	C788	152	C828RT	85	C853B	192A	C897C	280	C929D	107
C727A	287	C756S-3-3	282S	C789-O	152	C828S	85	C853C	192A	C898	280	C929D1	107
C727B	287	C756S-3-4	282S	C789-O	152	C828ST	85	C853D(Korea)	123AP	C898A	280	C929DE	107
C728	287	C756S-4	282S	C789-R	152	C828T	85	C853K	199	C898B	280	C929DP	107
C728A	287	C756S-4-1	282S	C789-Y	152	C828W	85	C853KLM	192A	C898C	280	C929DU	107
C728B	287	C756S-4-2	282S	C789Y	152	C828Y	85	C853L	192A	C899	123A	C929DV	107
C730	346	C761	161	C790-O	152	C829	85	C853O(Korea)	123AP	C899K	123A	C929E	107
C731	311	C761Y	161	C790-Y	152	C829A	85	C853P(Korea)	123AP	C900	199	C929ED	107
C732	199	C761Z	161	C791	175	C829B	85	C853Y(Korea)	123AP	C900(L)	199	C929F	107
C732-O	199	C762	161	C792	94	C829B/4454C	85	C854	311	C900(Korea)	123AP	C929FK	107
C732B	199	C762P	161	C792FA-3	122	C829C	85	C855	311	C900(F)	199	C929H	107
C732BL	199	C763(BCE)	107	C793	130	C829D	85	C856	154	C900A	199	C929NP	107
C732GR	199	C763C(BCE)	107	C793B	130	C829E	85	C856-02	154	C900F	199	C929NPD	107
C732S	199	C763-O(BCE)	107	C793R	130	C829C(ECB)	123AP	C856C	154	C900B	199	C929NPE	107
C732TM	199	C763A(BCE)	107	C793Y	130	C829D	85	C857	154	C900C	199	C929NPF	107
C732V	199	C763B(BCE)	107	C794R	130	C829E	85	C857H	154	C900D	199	C929SP	107
C732Y	199	C763C(BCE)	107	C795	124	C829P	85	C857I	199	C900E	199	C929SPC	107
C733	199	C763CD(BCE)	107	C795A	124	C829Q	85	C858C	198	C900F	199	C929SPD	107
C733-O	199	C763-O(BCE)	107	C796	123A	C829R	85	C858E	199	C900EU	199	C929SPE	107
C733BL	199	C763R(BCE)	107	C797	128	C829S	85	C858F	199	C900F	199	C929SPF	107
C733GR	199	C763S(BCE)	107	C798	195A	C829T	85	C858G	199	C900L	199	C930	107
C733-O	199	C764	312	C799	237	C829Y	85	C859FG	199	C900M	199	C930B	107
C733R	199	C768	328	C799K	237	C830	175	C859	199	C900U	199	C930BK	107
C733V	199	C771(Trans)	283	C802	128	C830-O	175	C859E	199	C900U/E	199	C930BV	107
C733-Y	199	C772(ECB)	229	C803	195A	C830A	175	C859F	199	C900UE	199	C930C	107
C733Y	199	C772B(ECB)	229	C804H	313	C830B	175	C859FG	199	C900V	199	C930CD	107
C734	289A	C772B(GECB)	229	C805	154	C830BKB	175	C859G	199	C900VE	199	C930C-F	107
C734-O	289A	C772BH(ECB)	229	C806	283	C830C	175	C859GK	199	C900Y(Korea)	123AP	C930D	107
C734GR	289A	C772BV(ECB)	229	C806A	283	C830HA	175	C860					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C930NPC	107	C945P2	85	C999A	389	C1036P	9936	C1096-4Z-L	186A	C1127H	171	C1187-0	229
C930NPD	107	C945PO	85	C1000	199	C1043	76	C1096A	186A	C1127HE	171	C1187-0(Korea)	108
C930NPF	107	C945PQ	85	C1000-BL	199	C1044	161	C1096B	186A	C1127JR	171	C1187-R	229
C930SP	107	C945PQ	85	C1000BL	199	C1044P	9944	C1096C	186A	C1128	161	C1187R(Korea)	108
C930SP	107	C945PQ	85	C1000-GR	199	C1045	164	C1096D	186A	C1128(M)	229	C1188	229
C930SPC	107	C945-Q	85	C1000GR	199	C1045B	164	C1096E	186A	C1128(3rd IF)	233	C1188(Korea)	108
C930SPD	107	C945Q	85	C1000Y	199	C1045C	164	C1096K	186A	C1128(S)	229	C1188H(IC)	1724
C930SPE	107	C945QA	85	C1000-Y	199	C1045D	164	C1096L	186A	C1128C	229	C1188K	229
C930SPP	107	C945QL	85	C1001	278	C1045E	164	C1096LM	186A	C1128D	229	C1188L	229
C933	289A	C945QP	85	C1001(IC)	1127	C1045F	9945	C1096M	186A	C1128H	229	C1189M	229
C933BB	289A	C945QR	85	C1001H(IC)	1127	C1045R	164	C1096N	186A	C1129	229	C1188-O(Korea)	108
C933C	289A	C945-R	85	C1001H2(IC)	1127	C1046	165	C1096-O	186A	C1129(M)	229	C1188R(Korea)	108
C933E	289A	C945R	85	C1004(TRANSISTOR)	164	C1046P	9946	C1096-O(Trans)	186A	C1129(R)	229	C1189K	229
C933C	289A	C945RQ	85	C1004A(TRANSISTOR)	164	C1047	107	C1096R	186A	C1129R	229	C1189L	229
C933F	289A	C945S	85	C1004A(Transistor)	164	C1047B	107	C1096S	186A	C1140	386	C1189M	229
C933FP	289A	C945T	85	C1004A(Transistor)	164	C1047BC	107	C1096V	186A	C1141	386	C1190	350
C933FFC	289A	C945TK	85	C1004T(Transistor)	164	C1047BCD	107	C1096ZL	186A	C1142	283	C1195	94
C933FFD	289A	C945TP	85	C1005(TRANSISTOR)	165	C1047BD	107	C1098	186	C1143	283	C1195-FA-1	94
C933FFE	289A	C945TQ	85	C1005A(TRANSISTOR)	165	C1047C	107	C1098(Korea)	186	C1150	123	C1195-FA-1	94
C933FFF	289A	C945TR	85	C1006(EBIC)	199	C1047-C(Trans)	107	C1098(4L)	186	C1151	164	C1199	278
C934	128	C945U	85	C1006A(EBIC)	199	C1047CD	229	C1098(4K)	186	C1151A	164	C1204	289A
C934(rectifier)	117A	C945X	85	C1006B(EBIC)	199	C1047D	107	C1098-4K	186	C1152	162	C1204B	289A
C934(Transistor)	123A	C945Y	85	C1006C(EBIC)	199	C1047E	107	C1098-4L	186	C1152F	162	C1204C	289A
C934C	123A	C945Y(Korea)	123AP	C1007	123A	C1048	154	C1098A	186	C1152G	162	C1204D	199
C934D	123A	C945Z	85	C1008	128	C1048B	154	C1098B	186	C1153	389	C1205	289A
C934E	123A	C947	161	C1008(IC)	1172	C1048C	154	C1098C	186A	C1153A	389	C1205A	289A
C934F	123A	C948	161	C1008(Korea)	128P	C1048D	154	C1098D	186	C1154	389	C1205B	289A
C934G	123A	C953	85	C1008A	128	C1048E	154	C1098K	186	C1154B	1194	C1205C	289A
C934H	123A	C953K	85	C1008C(IC)	1172	C1048F	154	C1098L	186	C1155(IC)	1194	C1209(BCE)	85
C935	162	C957	319P	C1008-O(Korea)	128P	C1050	94	C1098M	186	C1155H(IC)	1194	C1209C(BCE)	85
C936	164	C959	396	C1008R(Korea)	128P	C1050C	94	C1098-O	186	C1155H(NEC)	1194	C1209D(BCE)	85
C936A	164	C959A	128	C1008Y(Korea)	128P	C1050D	94	C1098R	186	C1155H(TRANSISTOR)	1190	C1209E(BCE)	85
C937	389	C959B	128	C1009(Trans)	2408	C1050E	94	C1100	389	C1156(IC)	1194	C1210(BCE)	85
C937(YL)	389	C959C	128	C1009A(Trans)	2408	C1050F	94	C1101	389	C1156H(IC)	1194	C1210C(BCE)	85
C937(BK)	389	C959D	128	C1009AFA3(Trans)	2408	C1051	280	C1101A	164	C1156H(IC)	1194	C1210D(BCE)	85
C937-01	389	C959M	128	C1009AFA4(Trans)	2408	C1051C	280	C1101B	164	C1156H2(IC)	1194	C1210E(BCE)	85
C937A	389	C959S	128	C1009F1(Trans)	2408	C1051D	280	C1101C	164	C1157	190	C1211(BCE)	85
C937B	389	C959SA	128	C1009F2(Trans)	2408	C1051E	280	C1101D	164	C1158	313	C1211C(BCE)	85
C937C	389	C959SB	128	C1009F3(Trans)	2408	C1051F	280	C1101E	164	C1159	313	C1211D(BCE)	85
C937YL	389	C959SC	128	C1009F4(Trans)	2408	C1051LC	280	C1101F	164	C1160	175	C1211E(BCE)	85
C938	289A	C959SD	128	C1009F5(Trans)	2408	C1051LD	280	C1101L	164	C1160K	175	C1212	373
C938A	289A	C960	427/128	C1010(EBIC)	199	C1051LE	280	C1102	124	C1160L	175	C1212A	373
C938B	289A	C960(JAPAN)	400/128	C1010A(EBIC)	199	C1051LF	280	C1102(M)	124	C1161	373	C1212AA	373
C939	328	C960-0	123A	C1010B(EBIC)	199	C1052P	9099	C1102A	124	C1165	311	C1212AB	373
C939D	328	C960A	427/128	C1010C(EBIC)	199	C1053	128	C1102B	124	C1165RG	486	C1212ABWT	373
C939L	328	C960B	427/128	C1012	154	C1053	128	C1102C	124	C1166	289A	C1212AC	373
C940	283	C960C	427/128	C1012A	154	C1053P	9093	C1102K	124	C1166-0	289A	C1212ACWT	373
C940L	283	C960D	427/128	C1013	300	C1054	161	C1102M	124	C1166D	289A	C1212AWT	373
C940M	283	C960E	427/128	C1013B	300	C1055	384	C1103	154	C1166GR	289A	C1212AWTA	373
C940N	283	C960L	427/128	C1013C	300	C1055H	384	C1103A	154	C1166O	289A	C1212AWTB	373
C940P	283	C960M	427/128	C1013D	300	C1055U	384	C1103(A)	154	C1166-O	289A	C1212AWTC	373
C940Q	283	C960N	427/128	C1014	300	C1056	154	C1103A	154	C1166R	289A	C1212B	373
C940-QR	283	C960O	427/128	C1014B	300	C1057P	9157	C1103B	154	C1166S	289A	C1212C	373
C940R	283	C960SA	427/128	C1014C	300	C1058P	9158	C1103C	154	C1166Y	289A	C1212C(IC)	1516
C941	289A	C960SB	427/128	C1014C1	300	C1059	124	C1103L	154	C1166-Y	289A	C1212WT	373
C941-0	289A	C960SC	427/128	C1014CD	300	C1060	152	C1104	286	C1167	389	C1212WTA	373
C941-0Y	289A	C960SD	427/128	C1014D	300	C1060A	152	C1104A	286	C1168	124	C1212WTB	373
C941-0	289A	C963	123A	C1014D1	300	C1060B	152	C1104B	286	C1168X	124	C1212WTC	373
C941-R	289A	C964	123A	C1014E	300	C1060BM	152	C1104C	286	C1169	427/128	C1213	123AP
C941F	289A	C965	123A	C1017	299	C1060C	152	C1104K	286	C1170	389	C1213(BCE)	199
C941TM	289A	C966	123A	C1017-05	299	C1060D	152	C1104L	286	C1170A	238	C1213A	289A
C941-TM(MID)	289A	C967	123A	C1018	299	C1061	152	C1105	286	C1170B	389	C1213AA	289A
C941TM-0	289A	C968	123A	C1018-05	299	C1061A	152	C1105A	124	C1170B/FA-2	389	C1213AB	289A
C941-Y	289A	C968P	123A	C1018E	210	C1061B	152	C1105B	124	C1171	164	C1213AC	289A
C941Y	289A	C971(EBC)	293	C1020(IC)	1160	C1061C	152	C1105C	124	C1172	238	C1213AD	289A
C941YO	289A	C972	128	C1020H	1160	C1061D	152	C1105K	124	C1172A	238	C1213AK	289A
C942H2	1195	C972C	128	C1020H(IC)	1160	C1061K	152	C1105L	124	C1172B	238	C1213AKA	289A
C943	123A	C972D	128	C1021	108	C1061L	152	C1105M	124	C1173	152	C1213AKB	289A
C943A	123A	C972E	128	C1023(Japan)	107	C1061T-B	152	C1106	94	C1173(RF PWR)	236	C1213AKC	289A
C943B	123A	C973A	363	C1023G	107	C1061TB	152	C1106A	94	C1173-O	152	C1213AKD	289A
C943C	123A	C975A	364	C1023-O	107	C1062	396	C1106B	94	C1173A	152	C1213B	289A
C944	85	C979	123A	C1023-Y	107	C1062KA	396	C1106C	94	C1173C	152	C1213BC	289A
C944A	85	C979-O	123A	C1024	175	C1062KB	396	C1106K	94	C1173-GR	152	C1213C	289A
C944B	85	C979-Y	123A	C1024B	175	C1062KC	396	C1106L	94	C1173L	152	C1213CD	289A
C944C	85	C980	85	C1024C	175	C1062KD	396	C1106M	94	C1173M	152	C1213D	289A
C944D	85	C980A	85	C1024D	175	C1064R(Trans)	285	C1106P	94	C1173-O	152	C1213D-24(Trans)	289A
C944E	85	C980AG	85	C1024D-2	175	C1067	161	C1106Q	94	C1173R	152	C1213F(BCE)	199
C944F	85	C980AGO	85	C1024E	175	C1068	278	C1106R	94	C1173-R	152	C1213G(BCE)	199
C944G	85	C980AGY	85	C1024F	175	C1071	123A	C1107	291	C1173X	152	C1213H(BCE)	199
C944H	85	C980G	85	C1024F	175	C1072(Korea)	123AP	C1107Q	291	C1173XO	152	C1213I	123AP
C944S	85	C980GO	85	C1025	175	C1072-O(Korea)	123AP	C1108	291	C1173-Y	152	C1213R	123AP
C945	85	C980GY	85	C1025(IC)	1160	C1072R(Korea)	123AP	C1109	291	C1173Y(Audio)	152	C1213Y(BCE)	199
C945(R)	123AP	C980Y	85	C1025CTV	175	C1072Y(Korea)	123AP	C1110	87	C1174	389	C1213YE(BCE)	199
C945(Korea)	123AP	C982	172A	C1025H	1160	C1074	363	C1111	87	C1175	289A	C1213YG(BCE)	199
C945A	85	C982	172A	C1025H(IC)	1160	C1075	364	C1112	87	C1175C	289A	C1213YH(BCE)	199
C945A/O	85	C983	399	C1025J	175	C1076	365	C1113	384	C1175D	289A	C1214	289A
C945A/D	85	C983A(EBIC)	287	C1026	107	C1078	369	C1114	283	C1175E	289A	C1214A	289A
C945AK	85	C983B(EBIC)	287	C1026G	107	C1079	280	C1115	280	C1175F	289A	C1214B	289A
C945AO	85	C983C(EBIC)	287	C1026Y	107	C1079R	280	C1116	284	C1176	350	C1214C	289A
C945AP	85	C983O(EBIC)	287	C1027	163A	C1079Y	280	C1116-0	284	C1176A	350	C1214D	289A
C945A/P	85	C983-R(EBIC)	287	C1030	87	C1080	280	C1116A	284	C1176A	350	C1215	199
C945AQ	85	C983R(EB											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C1226AR.....	186A	C1307.....	236	C1344C.....	199	C1390W.....	123A	C1444.....	196	C1514B.....	376	C1571G.....	199
C1226ARL.....	186A	C1307-1.....	236	C1344D.....	199	C1390WH.....	123A	C1445.....	196	C1514BK.....	198	C1571H.....	199
C1226B.....	186A	C1307I.....	236	C1344E.....	199	C1390WI.....	123A	C1446.....	376	C1514BYC.....	376	C1571I.....	199
C1226C.....	186A	C1307K.....	236	C1344F.....	199	C1390WY.....	123A	C1446B.....	376	C1514CS.....	375	C1571LG.....	199
C1226CF.....	186A	C1308.....	238	C1344KD.....	199	C1390WX.....	123A	C1446C.....	376	C1514CV.....	376	C1571LH.....	199
C1226D.....	186A	C1308K.....	238	C1344KE.....	199	C1390X.....	123A	C1446L.....	376	C1514E.....	376	C1573.....	399
C1226F.....	186A	C1308N.....	238	C1344KF.....	199	C1390XJ.....	123A	C1446LB.....	376	C1514V(Trans).....	376	C1573A.....	399
C1226L.....	186A	C1309.....	165	C1345.....	199	C1390XK.....	123A	C1446LB11.....	198	C1514VC(TRANS).....	376	C1573AP(Trans).....	399
C1226-O.....	186A	C1310.....	85	C1345C.....	199	C1390YM.....	123A	C1446LL.....	376	C1515(ECB).....	287	C1573AQ(Trans).....	399
C1226P.....	186A	C1310D.....	85	C1345F.....	199	C1391.....	124	C1446P.....	376	C1515C(ECB).....	287	C1573AR(Trans).....	399
C1226Q.....	186A	C1310E.....	85	C1345K.....	199	C1391H(IC).....	1668	C1446PQ.....	376	C1515K(ECB).....	287	C1573NC.....	399
C1226QR.....	186A	C1310F.....	85	C1346.....	192A	C1391VL.....	124	C1446Q.....	376	C1516.....	186A	C1573P.....	399
C1226R.....	186A	C1310G.....	199	C1346P.....	192A	C1393.....	229	C1446R.....	376	C1516K.....	186A	C1573Q.....	399
C1226RL.....	186A	C1311.....	85	C1346R.....	192A	C1393A.....	69	C1447.....	376	C1516KB.....	186A	C1573R(Trans).....	399
C1226RLP.....	186A	C1311D.....	85	C1346S.....	192A	C1393A-O.....	69	C1447-0.....	376	C1516KC.....	186A	C1576.....	283
C1226RL-P.....	186A	C1311E.....	85	C1347.....	192A	C1393AR.....	69	C1447A.....	376	C1516KD.....	186A	C1577.....	386
C1226RLR.....	186A	C1311F.....	85	C1347P.....	192A	C1393K.....	229	C1447BK.....	376	C1517A.....	228A	C1578.....	386
C1226RLF.....	186A	C1311G.....	199	C1347Q.....	192	C1393L.....	229	C1447FA-2.....	376	C1517AK.....	228A	C1579.....	386
C1227F.....	385	C1312(BCE).....	199	C1347R.....	192	C1393M.....	229	C1447GL3.....	376	C1517AKB.....	228A	C1580.....	386
C1228.....	385	C1312E(BCE).....	199	C1347S.....	192	C1394.....	229	C1447LB.....	376	C1517AKC.....	228A	C1583(TRANS).....	42
C1230.....	385	C1312F(BCE).....	199	C1348.....	389	C1394A.....	69	C1447-O.....	376	C1518.....	293	C1583F(TRANS).....	42
C1235.....	124	C1312G(BCE).....	199	C1353C.....	1246	C1394C(IC).....	1678	C1447R.....	376	C1518R.....	293	C1583G(TRANS).....	42
C1237.....	235	C1312H(BCE).....	199	C1356(IC).....	1483	C1394K.....	229	C1448.....	375	C1518S.....	293	C1583H(TRANS).....	42
C1237E.....	235	C1312I(BCE).....	199	C1356C2.....	1483	C1394L.....	229	C1448A.....	375	C1519.....	198	C1584.....	284
C1237H.....	235	C1312V(BCE).....	199	C1356C2(IC).....	1483	C1394M.....	229	C1448LB.....	375	C1520.....	198	C1585.....	388
C1237K.....	235	C1312YF(BCE).....	199	C1358.....	165	C1395.....	108	C1448P.....	375	C1520-1.....	198	C1585F.....	388
C1238(IC).....	1378	C1312YG(BCE).....	199	C1358K.....	165	C1395(BEC).....	107	C1448Q.....	375	C1520-1A.....	198	C1585H.....	388
C1238V(IC).....	1378	C1312YH(BCE).....	199	C1358L.....	238	C1395R.....	108	C1448R.....	375	C1520-3(Trans).....	198	C1586.....	388
C1239.....	427/282S	C1313.....	199	C1358M.....	238	C1396.....	108	C1448S.....	375	C1520-3A.....	198	C1588.....	278
C1240APC120X2.....	A40240	C1313F.....	199	C1358P.....	165	C1396(BEC).....	107	C1449.....	184	C1520E.....	198	C1589.....	474
C1240APC120X10.....	A40240	C1313G.....	199	C1358Q.....	165	C1396M(BEC).....	107	C1449(C.B.).....	295	C1520EK.....	198	C1589KL.....	474
C1240APC120X25.....	A40240	C1313H.....	199	C1358R.....	165	C1396R.....	108	C1449I.....	184	C1520EX.....	198	C1610.....	327
C1240APC120X40.....	A40240	C1313I.....	199	C1359.....	85	C1398.....	152	C1449L.....	184	C1520I.....	198	C1613(ECB).....	287
C1240APC240X2.....	A40240	C1313YF.....	199	C1359A.....	85	C1398A.....	196	C1449M.....	184	C1520K.....	198	C1613N(ECB).....	287
C1240APC240X10.....	A40240	C1313YF(BCE).....	199	C1359B.....	85	C1398AP.....	196	C1449N.....	184	C1520K-1.....	198	C1613P(ECB).....	287
C1240APC240X25.....	A40240	C1313YG.....	199	C1359BC.....	85	C1398AQ.....	196	C1450.....	286	C1520KL.....	198	C1614(ECB).....	287
C1240APC240X40.....	A40240	C1313YH.....	199	C1359C.....	85	C1398O.....	152	C1450S.....	286	C1520KLE.....	198	C1614N(ECB).....	287
C1240APC330X2.....	A25480	C1315.....	278	C1359D.....	85	C1398P.....	152	C1454.....	94	C1520L.....	198	C1614P(ECB).....	287
C1240APC330X10.....	A25480	C1316.....	277S	C1359Q.....	85	C1398Q.....	152	C1454-0.....	94	C1520L-1.....	198	C1615(ECB).....	287
C1240APC330X25.....	A25480	C1317.....	289A	C1360(Trans).....	293	C1399U.....	306	C1456K.....	124	C1520M.....	198	C1615N(ECB).....	287
C1240APC480X2.....	A25480	C1317B.....	289A	C1361.....	289A	C1400.....	194	C1458.....	778A	C1520M-1.....	198	C1615P(ECB).....	287
C1240APC480X10.....	A25480	C1317D.....	289A	C1362.....	123AP	C1400U.....	306	C1458C(IC).....	778A	C1520-O(Trans).....	198	C1617.....	283
C1240APC480X25.....	A25480	C1317NC(Trans).....	289A	C1363.....	289A	C1402.....	280	C1463.....	385	C1521.....	198	C1618.....	87
C1243.....	300	C1317Q.....	289A	C1364.....	85	C1403.....	87	C1466.....	369	C1521K.....	198	C1618B.....	87
C1243-24.....	300	C1317R.....	289A	C1364-4.....	85	C1403A.....	87	C1467.....	369	C1521L.....	198	C1618G.....	87
C1243C.....	300	C1317S.....	289A	C1364-5.....	85	C1406(ECB).....	192	C1468(Trans).....	53	C1521LM.....	198	C1619.....	87
C1243C1.....	300	C1317T.....	289A	C1364-6.....	85	C1406P(ECB).....	192	C1469(Trans).....	53	C1521M.....	198	C1619A.....	87
C1243C2.....	300	C1317U.....	289A	C1364-7.....	85	C1406Q(ECB).....	192	C1472K.....	172A	C1522.....	376	C1620-Y.....	190
C1243D.....	300	C1318.....	289A	C1364-8.....	85	C1406R(ECB).....	192	C1472KA.....	172A	C1537.....	199	C1622(Trans).....	2408
C1243D1.....	300	C1318A.....	289A	C1364-9.....	85	C1406S(ECB).....	192	C1472KB.....	172A	C1537B.....	199	C1622A(Trans).....	2410
C1243D2.....	300	C1318C.....	297	C1365.....	278	C1406X(ECB).....	192	C1473.....	399	C1537-O.....	199	C1622AD15(Trans).....	2410
C1243E.....	300	C1318NC.....	289A	C1367.....	164	C1407(ECB).....	192	C1473A(Trans).....	399	C1537S.....	199	C1622AD16(Trans).....	2410
C1244.....	123A	C1318P.....	289A	C1367A.....	164	C1407P(ECB).....	192	C1473AH(Trans).....	399	C1538.....	199	C1622D6(Trans).....	2408
C1246.....	289A	C1318POR.....	289A	C1368.....	184	C1407Q(ECB).....	192	C1473AP(Trans).....	399	C1538A.....	199	C1622D7(Trans).....	2408
C1246A.....	289A	C1318Q.....	289A	C1368C.....	184	C1407R(ECB).....	192	C1473AQ(Trans).....	399	C1538S.....	199	C1623(Trans).....	2408
C1246AB.....	289A	C1318QR.....	289A	C1369.....	199	C1407S(ECB).....	192	C1473AR(Trans).....	399	C1538SA.....	199	C1623L4(Trans).....	2408
C1246AF.....	289A	C1318R.....	289A	C1372.....	289A	C1407X(ECB).....	192	C1473N(Trans).....	399	C1541E.....	199	C1623L5(Trans).....	2408
C1246AFB.....	289A	C1318S.....	289A	C1372B.....	289A	C1409.....	375	C1473NC.....	399	C1542.....	199	C1623L6(Trans).....	2408
C1246AFG.....	289A	C1318T.....	289A	C1372C.....	289A	C1409A.....	375	C1473NCQ.....	399	C1545.....	172A	C1623L7(Trans).....	2408
C1246AFV.....	289A	C1318X.....	289A	C1372V.....	289A	C1409AA.....	375	C1473P.....	399	C1545A(TRANS).....	172A	C1624.....	291
C1246AG.....	289A	C1324.....	278	C1372Y.....	289A	C1409AB.....	375	C1473Q.....	399	C1545B(TRANS).....	172A	C1624-O.....	291
C1246AV.....	289A	C1325.....	238	C1375.....	123A	C1409AC.....	375	C1473R.....	399	C1546.....	172A	C1624T.....	291
C1246F.....	289A	C1325A.....	238	C1375H.....	123A	C1409B.....	375	C1475.....	315	C1547.....	161	C1624-Y.....	291
C1247.....	289A	C1325AK.....	238	C1376H.....	23	C1409C.....	375	C1475-1.....	315	C1555C(IC).....	955M	C1624Y.....	291
C1247A.....	289A	C1325AL.....	238	C1377.....	236	C1410.....	375	C1475-2.....	315	C1565.....	373	C1625.....	291
C1247AB.....	289A	C1326.....	311	C1377C(IC).....	1664	C1410A.....	375	C1475-3.....	315	C1565P.....	373	C1625-O.....	291
C1247AF.....	289A	C1327.....	199	C1377H(IC).....	1676	C1410AA.....	375	C1475-4.....	315	C1565Q.....	373	C1625-LBGL1.....	291
C1247AFB.....	289A	C1327FS.....	199	C1379C(IC).....	163A	C1410B.....	375	C1475A.....	315	C1565R.....	373	C1625-O.....	291
C1247AFV.....	289A	C1327R.....	199	C1380.....	123A	C1410C.....	375	C1475B.....	315	C1566.....	157	C1625-Y.....	291
C1247AG.....	289A	C1327S.....	199	C1380(IC).....	1196	C1410D.....	375	C1475E.....	315	C1566F.....	228A	C1625YLBGL.....	291
C1247AV.....	289A	C1327T.....	199	C1380A.....	123A	C1410E.....	375	C1475H.....	315	C1567.....	373	C1625YLBGL1.....	291
C1247F.....	289A	C1327U.....	199	C1380AGR.....	123A	C1411.....	123A	C1475HE.....	315	C1567A.....	373	C1626.....	375
C1251C(IC).....	928M	C1327V.....	199	C1380C.....	196	C1411A.....	165	C1475I.....	315	C1567AF.....	373	C1626-O.....	375
C1252.....	77	C1327XAN.....	199	C1380C(IC).....	196	C1413A.....	165	C1475J.....	315	C1567AQ.....	373	C1626-Y.....	375
C1253.....	278	C1327Y.....	199	C1380GR.....	123A	C1413AH.....	165	C1477.....	283	C1567AR.....	373	C1626Y.....	375
C1275.....	316	C1328.....	199	C1382.....	373	C1413AV(Trans).....	165	C1485.....	287	C1567P.....	373	C1627.....	289A
C1278(ECB).....	194	C1328R.....	199	C1382-0.....	373	C1413B.....	123A	C1501.....	157	C1567Q.....	373	C1627-O.....	291
C1278S(ECB).....	194	C1328S.....	199	C1382C(IC).....	1616	C1413BL.....	123A	C1501P.....	157	C1567R.....	373	C1627A.....	297
C1279(ECB).....	287	C1328T.....	199	C1382-Y.....	373	C1417.....	107	C1501Q.....	157	C1568.....	373	C1627AO.....	297
C1279S(ECB).....	287	C1328U.....	199	C1383.....	293	C1417C.....	107	C1501R.....	157	C1568P.....	373	C1627AY.....	297
C1279SF(Trans).....	287	C1328V.....	199	C1383B.....	293	C1417D.....	107	C1504.....	162	C1569Q.....	373	C1627O.....	297
C1279SH(Trans).....	287	C1330(Korea).....	123AP	C1383C.....	293	C1417E.....	107	C1505.....	198	C1569R.....	373	C1627-Y.....	289A
C1280.....	172A	C1330A.....	192A	C1383NC.....	293	C1417F.....	107	C1505-1.....	198	C1569S.....	376	C1627Y.....	289A
C1280A.....	172A	C1330B.....	192A	C1383NCP.....	293	C1417G.....	107	C1505A.....	198	C1569-O.....	198	C1627-YFA(Trans).....	289A
C1280AS.....	172A												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
C1636JK	108	C1681B	199	C1740RL	85	C1818	280	C1868	385	C1959-Y	85	C2028B	295
C1637	199	C1681BL	199	C1740RM	85	C1819	376	C1869	328	C1960	85	C2028-B/20	373
C1639	123A	C1681G	199	C1740RV(Trans)	85	C1819L(Trans)	376	C1870	388	C1962	191	C2028B/20	295
C1641	123A	C1681GR	199	C1740S	85	C1819M	376	C1871	385	C1962-0	191	C2029-B/20	373
C1641D	123A	C1681O	199	C1741	85	C1819R(Trans)	376	C1871A	386	C1962H	191	C2029	235
C1641Q	123A	C1681O-1	199	C1741AP(Trans)	85	C1819RL	376	C1875	389	C1962-O	191	C2029/1	235
C1641R	123A	C1681V	199	C1741P	85	C1826	241	C1875K	389	C1963	83	C2029-1	235
C1645(TRANS)	172A	C1682	199	C1741Q	85	C1826-0	196	C1875L	389	C1963	236	C2029/2	235
C1645A(TRANS)	172A	C1682-BL	199	C1741R	289A	C1826D	196	C1881K	261	C1964D	236	C2029-3	235
C1645B(TRANS)	172A	C1682-GR	199	C1748	396	C1826F	196	C1885	399	C1969	236	C2029/3	235
C1647	199	C1682V	199	C1749	376	C1826G	196	C1885NC	399	C1969A	236	C2029/10	235
C1647Q	199	C1683	375	C1749B	376	C1826O	196	C1885R	399	C1969AH	236	C2029B	235
C1647R	199	C1683A	375	C1749C	376	C1826P	196	C1890	199	C1969B	236	C2029B/10	235
C1647RY	199	C1683B(Trans)	375	C1749D	376	C1826Q	196	C1890A	199	C1969H	236	C2029-B/10	235
C1648	199	C1683L(Trans)	375	C1749E	376	C1826R	196	C1890AD	375	C1969H	236	C2029B/B/10	235
C1648E	199	C1683LA	375	C1749XD	376	C1826Y	196	C1890AE	375	C1969H	236	C2029C	295
C1648F	199	C1683LB	375	C1752	287	C1827	291	C1890AEF	90	C1969K	236	C2029C	123AP
C1648EY	199	C1683LB/P	375	C1753	287	C1827Y(Trans)	291	C1890A-EV(Trans)	90	C1970	342	C2029E	235
C1649RT	199	C1683LD	375	C1755A	376	C1828	369	C1890AF	90	C1972	343	C2037	23
C1648S	199	C1683P	375	C1755A	376	C1828B	369	C1890C	90	C1974	236	C2040	76
C1648SE	199	C1683Q	375	C1755C	376	C1828R	369	C1890E	375	C1974-5	236	C2043	236
C1648SH	199	C1683R	375	C1755D	376	C1829	86	C1890F	90	C1974C	236	C2051(ECB)	123AP
C1649(ECB)	287	C1684	289A	C1755E(Trans)	376	C1829C	86	C1891	389	C1975	236	C2057	229
C1649N(ECB)	287	C1684BL	289A	C1756	376	C1832	98	C1891	389	C1975Q	236	C2057C	229
C1649P(ECB)	287	C1684H(Trans)	289A	C1756A	376	C1833	85	C1893	389	C1980R	90	C2057D	229
C1650(ECB)	287	C1684HR	289A	C1756B	376	C1834	85	C1893FA-1	389	C1980S	290A	C2057E	229
C1650N(ECB)	287	C1684-O	289A	C1756C	376	C1840	199	C1894	238	C1980T	290A	C2057F	161
C1650P(ECB)	287	C1684P	289A	C1756D	376	C1840-E	199	C1894K	238	C1980U	282	C2058(TRANS)	85
C1651(ECB)	287	C1684Q	289A	C1756E	376	C1840E(Trans)	199	C1894N	238	C1982S	282	C2058P(TRANS)	85
C1651N(ECB)	287	C1684QR	199	C1756HP(Trans)	376	C1840-F	199	C1895	238	C1983(TRANS)	56	C2058Q(TRANS)	85
C1651P(ECB)	287	C1684R	289A	C1756K	376	C1840F(Trans)	199	C1896	238	C1983M(Trans)	56	C2058Q(TRANS)	85
C1652(TRANS)	85	C1684RST	199	C1756M	376	C1840-P	199	C1900	90	C1983O(Trans)	56	C2060	293
C1652(Trans)	18	C1684S	199	C1756MC	376	C1840P(Trans)	199	C1903	373	C1983P(Trans)	56	C2060Q	293
C1652M	18	C1684T	199	C1756N	376	C1841	90	C1905	198	C1983R(Trans)	56	C2060R(Trans)	293
C1652MP	18	C1685	85	C1756-O	376	C1841E	90	C1905	198	C1983T(Trans)	56	C2061(TRANS)	289A
C1652MQ	18	C1685-0	85	C1757	376	C1841F(Trans)	90	C1905(LB)	198	C1984(TRANS)	56	C2061(TRANS)	289A
C1652MR	18	C1685C(Trans)	85	C1757C(Trans)	376	C1841P	90	C1905(1)(Trans)	198	C1985	199	C2061P(TRANS)	289A
C1652P	18	C1685CR	85	C1757D(Trans)	376	C1841U	90	C1905H	198	C1986	331	C2061P(TRANS)	289A
C1652P(TRANS)	85	C1685GR	85	C1757E(Trans)	376	C1842(TRANS)	199	C1905HLB	198	C1986D	331	C2061Q(TRANS)	289A
C1652Q	18	C1685P	85	C1758	171	C1842E(TRANS)	199	C1905LB	198	C1990B	107	C2061Q(Trans)	297
C1652Q(TRANS)	85	C1685Q	85	C1758-K	171	C1842F(TRANS)	199	C1906	107	C1990C	229	C2062(ECB)	46
C1652R	18	C1685-Q(Trans)	85	C1758-L	171	C1842P(TRANS)	199	C1906A	107	C2000	85	C2062B(ECB)	46
C1653(Trans)	2410	C1685QR(Trans)	85	C1758-M	171	C1842U(Trans)	199	C1906B	107	C2000K	85	C2062C(ECB)	46
C1653N2(Trans)	2410	C1685QRS(Trans)	85	C1758-N	306	C1843(TRANS)	199	C1906F(Trans)	107	C2000-K	85	C2063(Trans)	16
C1653N3(Trans)	2410	C1685R	85	C1760	306	C1843E(TRANS)	199	C1906K	107	C2000L	85	C2063(TRANS)	85
C1654(Trans)	2410	C1685RS	85	C1760-2	306	C1843F(TRANS)	199	C1907	107	C2000-M	85	C2063M	16
C1654N5(Trans)	2410	C1685S	199	C1760-3	306	C1843P(TRANS)	199	C1907B(Trans)	107	C2000M	85	C2063MN	16
C1654N6(Trans)	2410	C1685ST	199	C1760-4	306	C1844-E	199	C1908B(Trans)	107	C2001	85	C2063MP	16
C1663	190	C1685T	199	C1760-4	306	C1844-E(Trans)	199	C1908H(BCE)	229	C2001F(Trans)	85	C2063MQ	16
C1663A	190	C1685Y	85	C1760E	306	C1844-F	199	C1909	235	C2001G(Trans)	85	C2063N	16
C1663H	190	C1686(CEB)	229	C1760H	306	C1844F(Trans)	199	C1909K	235	C2001K	85	C2063P	16
C1664(TRANS)	57	C1686B(CEB)	229	C1760H	306	C1844P(Trans)	199	C1909S	235	C2001-L	85	C2063P(TRANS)	85
C1664A(TRANS)	57	C1686C(CEB)	229	C1760HY	306	C1844-P	199	C1913	375	C2001-L	85	C2063Q	16
C1667	130	C1686LL(CEB)	229	C1760J	306	C1844P(Trans)	90	C1913A	375	C2001L	85	C2063Q(TRANS)	85
C1667Q	130	C1686V(CEB)	229	C1761(Trans)	306	C1845P(Trans)	90	C1913P	375	C2001M	85	C2067	315
C1667R	130	C1687	229	C1763	471	C1846	373	C1913Q	375	C2001M	85	C2068(Trans)	376
C1668	351	C1687(Last IF)	233	C1764	471	C1846B	373	C1913R	375	C2002	85	C2068B(Trans)	376
C1669	375	C1687C	229	C1765	85	C1846B	373	C1913S	375	C2002(IC)	1232	C2068BKL(Trans)	376
C1669-0	375	C1687LL	229	C1765B	85	C1846-Q	373	C1914(BCE)	199	C2002(TRANSISTOR)	297	C2068FA-1	376
C1669-R	375	C1687Q	229	C1766C	85	C1846Q	373	C1914A	90	C2002-K	85	C2068GS-1(TRANS)	376
C1669-Y	375	C1688	229	C1766D	85	C1846R	373	C1914A(BCE)	199	C2002K	85	C2068L	376
C1670	382	C1692A	86	C1766E	199	C1846Y	373	C1915(BCE)	199	C2002L	85	C2068LBBK	376
C1670E	382	C1695	229	C1766F	199	C1847	373	C1915(BCE)	199	C2002L	85	C2069	123A
C1670Ha	382	C1706H	123A	C1767	86	C1847-0	373	C1919(BCE)	199	C2002-M	85	C2070	123A
C1670H	382	C1707AH	123A	C1773	123AP	C1847-Q	373	C1919F(BCE)	199	C2003	85	C2073	375
C1670HM	382	C1707AHB	123A	C1774	123AP	C1847R	373	C1919G(BCE)	199	C2003-K	85	C2073AD	375
C1670J	382	C1707AHC	123A	C1776	123AP	C1847Q	373	C1919H(BCE)	199	C2003K	85	C2073AE	375
C1670JA	382	C1707AHD	123A	C1777	87	C1847V	373	C1921	399	C2003-L	85	C2073AR(Trans)	375
C1670JC	382	C1707HB	123A	C1778(CEB)	69	C1847VQ	373	C1921-03	399	C2003M	85	C2073B	375
C1670JD	382	C1707HB	123A	C1779(CEB)	319P	C1847VR	373	C1922	389	C2003-M	85	C2073C	375
C1670JE	382	C1707HC	123A	C1779-A(CEB)	319P	C1848	186A	C1923(Trans)	107	C2003-L	85	C2073D	375
C1670JW	382	C1707HD	123A	C1779-B(CEB)	319P	C1848B	186A	C1923-0(Trans)	107	C2003L	85	C2073E	375
C1670K	382	C1708(BCE)	90	C1780(BCE)	278	C1848O	186A	C1923A(Trans)	107	C2003M	85	C2073F	375
C1670M	382	C1708A(BCE)	90	C1781H	123A	C1848P	186A	C1923BN(Trans)	107	C2003-M	85	C2073G	375
C1670MC	382	C1709	123AP	C1782	87	C1848Q	186A	C1923-O(Trans)	107	C2003P(HEP)	OBS-NLA	C2073H	375
C1670MD	287	C1714E	107	C1783	87	C1848R	186	C1923Q(Trans)	107	C2005P(HEP)	9989	C2073I	375
C1670MJ	287	C1717	237	C1784	284	C1849Q	123AP	C1923P(Trans)	107	C2007G	9911	C2073FA-4	375
C1672	327	C1721	293	C1785	388	C1849Q	123AP	C1923-P(Trans)	107	C2009	229	C2073L	375
C1674	107	C1722	376	C1786	388	C1849R	123AP	C1923R(Trans)	107	C2009J	229	C2073LB	375
C1674(Korea)	108	C1722BK	376	C1787	26	C1849S	123AP	C1923-R(Trans)	107	C2012	107	C2073LGL	375
C1674K	107	C1722BKS	376	C1787S(Trans)	26	C1850	123AP	C1923-Y	229	C2014	363	C2073BGL2	375
C1674L	107	C1722S	376	C1787T(Trans)	26	C1850O	123AP	C1923Y(Trans)	107	C2017	386	C2073-O(Trans)	375
C1674-M	107	C1723	376	C1788	289A	C1850P	123AP	C1929	198	C2018	386	C2073R	375
C1674-O(Korea)	108	C1723-02	376	C1788P	289A	C1850Q	123AP	C1929Q	198	C2019	386	C2073RD	375
C1674R(Korea)	108	C1723A	376	C1788Q	289A	C1850R	123AP	C1929R	198	C2020	235	C2073RE	375
C1675	85	C1728	302	C1788R	289A	C1850S	123AP	C1929S	198	C2021	85	C2073SO	375
C1675A	85	C1728-3	302	C1789	107	C1851	123AP	C1934A-O	69	C2021(Trans)	16	C2073T(Trans)	375
C1675(L)	85	C1728B	302	C1789A	107	C1851P	123AP	C1934AR	69	C2021E	85	C2073Y	375
C1675(Korea)	123AP	C1728H	302	C1789B	107	C1851Q	123AP	C1940(Trans)	399	C2021LN	16	C2073-Z(Trans)	375
C1675B	85	C1730	107	C1790	316	C1851R	123AP	C1940K(Trans)	399	C2021LNP	16	C2074	322
C1675K	85	C1730(L)	107	C1807	311	C1851S	123AP	C1940M(Trans)	399	C2021LNS	16	C2074C	322

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C2085P	198	C2216	319P	C2307-Y	2308	C2389(TRANS)	90	C2486	390	C2578(Trans)	36	C2669-R	289A
C2085PQ	198	C2217	319P	C2308	289A	C2389E(TRANS)	90	C2486P(Trans)	36	C2579(Trans)	36	C2669-Y	289A
C2085S	198	C2228	399	C2308B	289A	C2389S(TRANS)	90	C2486Q(Trans)	36	C2580(Trans)	36	C2670	289A
C2085	199	C2228A	399	C2308C	289A	C2390(TRANS)	90	C2487	284	C2581(Trans)	36	C2670-0	289A
C2085	199	C2228A(Trans)	399	C2309	299	C2390E(TRANS)	90	C2488	284	C2582(Trans)	373	C2670-R	289A
C2091	295	C2228AD	399	C2309D	199	C2390S(TRANS)	90	C2488P(Trans)	284	C2582Q(Trans)	373#	C2670-Y	289A
C2091D	295	C2228AE	399	C2309E	199	C2394	236	C2488Q(Trans)	284	C2582R(Trans)	373#	C2671(Trans)	10
C2095	235	C2228AF(Trans)	399	C2309F	199	C2396	199	C2488R(Trans)	284	C2587(TRANS)	33	C2671F(Trans)	10
C2092D	235	C2228AG	399	C2309L(Trans)	199	C2396D	199	C2489	284	C2588(TRANS)	33	C2671H(Trans)	10
C2094	139A	C2228D	399	C2310	85	C2396E	199	C2489P(Trans)	284	C2589(TRANS)	87	C2673(TRANS)	293
C2098	236	C2228E	399	C2310(Korea)	399	C2396F	199	C2489Q(Trans)	284	C2590	373#	C2673(Trans)	20
C2099	333	C2228M	399	C2310B	85	C2398	328	C2489R(Trans)	284	C2590P(Trans)	373#	C2673P	20
C2101	348	C2228O	399	C2310C	85	C2399	108	C2497(Trans)	373#	C2590Q(Trans)	373#	C2673Q	20
C2102	236	C2228P	399	C2310D(Korea)	399	C2399A	108	C2497A(Trans)	373#	C2590R(Trans)	373#	C2673Q(TRANS)	293
C2102A	2102	C2228Y(Trans)	399	C2310R(Korea)	399	C2399B	108	C2497AP(Trans)	373#	C2591	375	C2673R	20
C2102A-4	2102	C2228YD(Trans)	399	C2310Y(Korea)	399	C2399C	108	C2497AQ(Trans)	373#	C2591Q(Trans)	375	C2673R(TRANS)	293
C2103A	345	C2228YE(Trans)	399	C2312	236	C2402	284	C2497AR(Trans)	373#	C2591R(Trans)	375	C2675(TRANS)	289A
C2105	246	C2228YF(Trans)	399	C2314	295	C2405(Trans)	2406	C2497P(Trans)	373#	C2592	375	C2675R(TRANS)	289A
C2107(Trans)	2406	C2229	399	C2314E	295	C2406AM	552	C2497Q(Trans)	373#	C2592R	375	C2675S(TRANS)	289A
C2107A(RAM)	2107	C2229-0	399	C2320	85	C2406M	552	C2497R(Trans)	373#	C2594	184	C2681(Trans)	36
C2107A-1(RAM)	2107	C2229FA	399	C2320D	399	C2406M(Diode)	552	C2498	10	C2602(BCE)	199	C2688	157
C2107A-4(RAM)	2107	C2229H	399	C2320E	85	C2410(ECB)	319P	C2499	10	C2602F(BCE)	199	C2688K(TRANS)	157
C2107A-5(RAM)	2107	C2229J	399	C2320F	85	C2410M(CEB)	319P	C2502(TRANS)	379	C2602G(BCE)	199	C2688L(Trans)	157
C2107B(RAM)	2107	C2229Y	399	C2320L	85	C2410M(CEB)	319P	C2504(Diode)	552	C2603	289A	C2688LA	157
C2107B-1(RAM)	2107	C2229Y	399	C2320LE	85	C2411K(Trans)	2406	C2508	320F	C2603D	289A	C2688M(Trans)	157
C2107B-2(RAM)	2107	C2230	399	C2320LE(CEB)	123AP	C2411KP(Trans)	2406	C2509	236	C2603E	289A	C2688M(TRANS)	157
C2107C(RAM)	2107	C2230A	399	C2320LF	85	C2411KQ(Trans)	2406	C2511	289A	C2603F	289A	C2688MA(Trans)	157
C2107C-2(RAM)	2107	C2230AG	399	C2324	253	C2411KR(Trans)	2406	C2511A	289A	C2603R(Trans)	289A	C2688N(Trans)	157
C2107C-4(RAM)	2107	C2230A-GR	399	C2324K	253	C2412KQ(Trans)	2406	C2511B	289A	C2603S	289A	C2688P	352
C2107G3(Trans)	2406	C2230AGH	399	C2328	24	C2412KR(Trans)	2408	C2511C	289A	C2607	388	C2703(Trans)	31
C2107G6(Trans)	2406	C2230AGY	399	C2328-O	24	C2412KS(Trans)	2408	C2511D	289A	C2608	388	C2703O(Trans)	31
C2109	123AP	C2230A-Y	399	C2328-O	24	C2413K(Trans)	2408	C2512	229	C2610	399	C2703-O(Trans)	31
C2113	373#	C2230AY	399	C2330-O	399	C2413P(Trans)	2408	C2512-03(Trans)	229	C2610-05(Trans)	399	C2703-Y(Trans)	31
C2114A-3	2114	C2230R	399	C2330R	399	C2413Q(Trans)	2408	C2516B(Trans)	54	C2610-5	399	C2703Y(Trans)	31
C2114AP-3	2114	C2230R	399	C2330R	399	C2414(Trans)	52	C2516K(Trans)	54	C2610B	399	C2704	373
C2117	427/488	C2230Y	399	C2331	375	C2418(Trans)	53	C2519	107	C2610BK	399	C2704-O	373
C2117-3	2117	C2231Y	198	C2331-K	375	C2418(Trans)	53	C2519A	107	C2610BR(Trans)	399	C2705-O(Trans)	31
C2117-4	2117	C2233	51	C2331-L	375	C2427(TRANS)	379	C2522A(TRANS)	284	C2610V(Trans)	399	C2705O(Trans)	31
C2117-5	2117	C2233-M	379	C2331-O	375	C2428(Trans)	327	C2523	284	C2611	157	C2705-Y(Trans)	31
C2118	427/488	C2234-M	379	C2331-Y	24	C2428K(Trans)	327	C2524	284	C2611-5(Trans)	157	C2706	36
C2120	289A	C2236	382	C2331Y	24	C2428K(Trans)	327	C2525	284	C2611BK	157	C2706-O	36
C2120-0	289A	C2236	382	C2331YT	24	C2429A(TRANS)	33	C2525B	33	C2611V(Trans)	157	C2706R	36
C2120FA	289A	C2236-0	382	C2333	379	C2430	328	C2525-B	33	C2612	379	C2708	2708
C2120V	289A	C2236D	382	C2333-K	379	C2431	328	C2525G	33	C2613	379	C2710	289A
C2120-Y	289A	C2236Y	382	C2333-L	379	C2432	328	C2525-G	33	C2615A(Diode)	558	C2710-0	289A
C2121	283	C2238	375	C2333-M	379	C2433	328	C2525H	33	C2616	53	C2710-Y	289A
C2122	283	C2238A	375	C2333-Trans	54	C2434	387	C2525I(TRANS)	33	C2617	53	C2712(Trans)	2408
C2128(RAM)	2128	C2238B	375	C2334(Trans)	54	C2435	97	C2534	379	C2618(Trans)	2406	C2712G(Trans)	2408
C2128-15	2128	C2238B	375	C2334-K(Trans)	54	C2436	98	C2535	379	C2618B(Trans)	2406	C2712Q(Trans)	2408
C2128-20	2128	C2238GL	198	C2334-L(Trans)	54	C2437(Trans)	53	C2536	379	C2618C(Trans)	2406	C2712Y(Trans)	2408
C2129(BCE)	199	C2240GR	199	C2335	379	C2441	373	C2536	2308	C2618D(Trans)	2406	C2713(Trans)	2410
C2129F(BCE)	199	C2241	376	C2335-K	379	C2441D	373	C2536-11	123A	C2619(Trans)	2408	C2713G(Trans)	2410
C2129G(BCE)	199	C2242	376	C2335-L	379	C2441E	373	C2540	477	C2619A(Trans)	2408	C2715(Trans)	2408
C2129H(BCE)	199	C2242BK	376	C2335-M	379	C2441F	373	C2541	2308	C2619B(Trans)	2408	C2715O(Trans)	2408
C2129H(BCE)	199	C2242BKL	376	C2337	379	C2441G	373	C2541	2308	C2619C(Trans)	2408	C2715R(Trans)	2408
C2130(BCE)	199	C2243(Trans)	52	C2337A	87	C2441H	373	C2542	379	C2621(TRANS)	157	C2715Y(Trans)	2408
C2130F(BCE)	199	C2244(Trans)	53	C2344	375	C2441I	373	C2542	379	C2621C(Trans)	157	C2716	2716
C2130G(BCE)	199	C2245(Trans)	53	C2344D	375	C2441J	373	C2543	199	C2621D(Trans)	157	C2716(Trans)	2408
C2130H(BCE)	199	C2246(Trans)	53	C2344E	375	C2441K	373	C2544	199	C2621E(Trans)	157	C2716O(Trans)	2408
C2132	366	C2256	388	C2344F	375	C2441L	373	C2545	199	C2621F(Trans)	157	C2716R(Trans)	2408
C2137	385	C2257	157	C2347	107	C2441M	373	C2545D	199	C2621G(Trans)	157	C2716S(Trans)	2408
C2138(Trans)	385	C2258	157	C2348	69	C2441N	373	C2545E	199	C2621H(Trans)	157	C2716T(Trans)	2408
C2139	386	C2258A(Trans)	157	C2349	107	C2441O	373	C2545F	199	C2621I(Trans)	157	C2716V(Trans)	2408
C2139A	386	C2259(Trans)	40	C2352(TRANS)	69	C2441P	373	C2545G	199	C2621J(Trans)	157	C2716W(Trans)	2408
C2140(Trans)	386	C2259F(TRANS)	40	C2352K	69	C2441Q	373	C2545H	199	C2621K(Trans)	157	C2716X(Trans)	2408
C2141	190	C2259G(TRANS)	40	C2352L	69	C2441R	373	C2545I	199	C2621L(Trans)	157	C2716Y(Trans)	2408
C2141M	375	C2259H(TRANS)	40	C2352L(TRANS)	69	C2441S	373	C2545J	199	C2621M(Trans)	157	C2716Z(Trans)	2408
C2146	235	C2260	87	C2354	384	C2441T	373	C2545K	199	C2621N(Trans)	157	C2716A(Trans)	2408
C2147	2147	C2261	87	C2356	386	C2441U	373	C2545L	199	C2621O(Trans)	157	C2716B(Trans)	2408
C2147-3	2147	C2262	87	C2357	379	C2441V	373	C2545M	199	C2621P(Trans)	157	C2716C(Trans)	2408
C2147-6	2147	C2263	199	C2361	241	C2441W	373	C2545N	199	C2621Q(Trans)	157	C2716D(Trans)	2408
C2151	386	C2263R(Trans)	199	C2361A	241	C2441X	373	C2545O	199	C2621R(Trans)	157	C2716E(Trans)	2408
C2164(RAM)	2164	C2263S(Trans)	199	C2362	199	C2441Y	373	C2545P	199	C2621S(Trans)	157	C2716F(Trans)	2408
C2164-15	2164	C2263T(Trans)	199	C2362K	199	C2441Z	373	C2545Q	199	C2621T(Trans)	157	C2716G(Trans)	2408
C2164-20	2164	C2264	315	C2363(CEB)	194	C2442	373	C2545R	199	C2621U(Trans)	157	C2716H(Trans)	2408
C2164-25	2164	C2267H	396	C2363E(CEB)	194	C2443	373	C2545S	199	C2621V(Trans)	157	C2716I(Trans)	2408
C2164A(RAM)	2164	C2271	399	C2363F(CEB)	194	C2444	373	C2545T	199	C2621W(Trans)	157	C2716J(Trans)	2408
C2164A-15	2164	C2271C	399	C2364	2307	C2445	373	C2545U	199	C2621X(Trans)	157	C2716K(Trans)	2408
C2164A-20	2164	C2271D	399	C2365	163A	C2446	373	C2545V	199	C2621Y(Trans)	157	C2716L(Trans)	2408
C2166	235	C2271E	399	C2368(Trans)	64	C2447	373	C2545W	199	C2621Z(Trans)	157	C2716M(Trans)	2408
C2166D	235	C2271G	399	C2369(Trans)	64	C2448	373	C2545X	199	C2622	344	C2716N(Trans)	2408
C2167	375	C2271H	399	C2371(Trans)	157	C2449	373	C2545Y	199	C2623	386	C2716O(Trans)	2408
C2167Y(Trans)	375	C2271MN	399	C2371K	157	C2450	280	C2545Z	199	C2623A(Trans)	376	C2716P(Trans)	2408
C2168(Audio)	375	C2271N	399	C2371L	157	C2450A	280	C2545A	199	C2623B(Trans)	376	C2716Q(Trans)	2408
C2168-O(Audio)	375	C2271O	399	C2371M	157	C2450AR	280	C2545B	199	C2623C(Trans)	376	C2716R(Trans)	2408
C2175	385	C2271Z(Trans)	399	C2371V	157	C2450AY	280	C2545C	199	C2623D(Trans)	376	C2716S(Trans)	2408
C2181	320F	C2274D	289A	C2371V(Trans)	157	C2450B	280	C2545D	199	C2623E(Trans)	376	C2716T(Trans)	2408
C2182	360	C2274E	289A	C2373	379	C2450C	280	C2545E	199	C2623F(Trans)	376	C2716U(Trans)	2408
C2184	236	C2274F	289A	C2373-K	379	C2450D	280	C2545F	1				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C2785F(Trans)	85 ♦	C2963(TRANS)	377	C3136	23	C3317	379 ♦	C3778(Trans)	10	C6113P(HEP)	966	C10215-2	160
C2785H(Trans)	85 ♦	C2964(TRANS)	53	C3138(Trans)	242	C3318	2311 ♦	C3779(Trans)	10 ♦	C6114P(HEP)	968	C10227	102A
C2785J(Trans)	85 ♦	C2965(TRANS)	53	C3138O(Trans)	2412	C3319	2319	C3784(Trans)	2338	C6116P(HEP)	972	C10230-3	102A
C2785K(Trans)	189 ♦	C2966(TRANS)	53	C3143(Trans)	2410	C3320	2311 ♦	C3785(Trans)	2338	C6118P(HEP)	961	C10258	160
C2785L(Trans)	85 ♦	C2972(TRANS)	53	C3143K3(Trans)	2410	C3321	2319	C3794(Trans)	2309 ♦	C6120P(HEP)	963	C10260	160
C2786(Trans)	107 ♦	C2986	107	C3148	2303	C3322	2309	C3794A(Trans)	2309 ♦	C6122P(HEP)	967	C10261	160
C2786K(Trans)	107 ♦	C2987(TRANS)	36	C3151	2303	C3324(Trans)	2410	C3795(Trans)	2309	C6123P(HEP)	969	C10262	160
C2786L(Trans)	107 ♦	C2988(TRANS)	107 ♦	C3152	2309	C3325(Trans)	2406	C3795A(Trans)	2309	C6123P(HEP)	955M	C10279-1	123A
C2786M(Trans)	107 ♦	C2989(TRANS)	2406	C3153	2309	C3325O(Trans)	2406	C3796(Trans)	2309	C6131P(HEP)	978	C10279-3	123A
C2787(Trans)	107 ♦	C2990O(Trans)	2406	C3156(Trans)	238	C3325Y(Trans)	2406	C3796A(Trans)	2309	C6132P(HEP)	977	C10291	126A
C2787K(Trans)	107 ♦	C2996R(Trans)	2406	C3164	2311 ♦	C3329	90	C3798(Trans)	2309	C6644H	199	C10898	375
C2787L(Trans)	107 ♦	C2996Y(Trans)	2406	C3167(Trans)	2319	C3331R(Trans)	85	C3798A(Trans)	2309	C7335-BL	199	C10963ZM	186A
C2787M(Trans)	107 ♦	C2998E(Trans)	85	C3169	51#	C3331S(Trans)	85	C3800L(HEP)	7490	C7336R	199	C10964ZL	186A
C2788	2308	C2998E(Trans)	85	C3170	379#	C3333	399	C3800P	7490	C7350RN	123A	C11021	102A
C2789	2308	C2998F(Trans)	85	C3171	2308	C3335(Trans)	2327	C3801L(HEP)	7492	C7354	289A	C21382	116
C2790	389 ♦	C2998G(Trans)	85	C3180	36	C3336	2311#	C3801P	7492	C7400P(HEP)	7400	C21383	139A
C2791	389 ♦	C3000(Trans)	85	C3180-O	36	C3337(Trans)	10 ♦	C3806P(HEP)	974	C7401P(HEP)	7401	C21480	109
C2792	239	C3000E(Trans)	85	C3180-R	36	C3344	379#	C3857(Trans)	58	C7402P(HEP)	7402	C23018	519
C2803(TRANS)	373	C3000F(Trans)	85	C3181	36	C3361(Trans)	2406	C3858(Trans)	58	C7403P(HEP)	7403	C36577	129
C2808(TRANS)	90 ♦	C3000L(HEP)	7400	C3181N	36	C3361S4(Trans)	2406	C3907(Trans)	2328	C7404P(HEP)	7404	C36578	161
C2808E(TRANS)	90 ♦	C3000P	7400	C3181-O	36	C3361S5(Trans)	2406	C3907-O(Trans)	2328	C7405P(HEP)	7405	C36579	128
C2808R(TRANS)	90 ♦	C3001	1192	C3181-R	36	C3361S6(Trans)	2406	C3907-R(Trans)	2328	C7406P(HEP)	7406	C36580	123A
C2808S(TRANS)	90 ♦	C3001-O	1192	C3182	36	C3365	2309	C3909(Trans)	2309	C7407P(HEP)	7407	C-36582	312
C2809	394#	C3001A	1192	C3182-O	36	C3374(Trans)	2406	C4000P(HEP)	4001B	C7408P(HEP)	7408	C36583	152
C2810(TRANS)	379	C3001L(HEP)	7401	C3182-R	36	C3376	2309	C4001P(HEP)	4011B	C7409P(HEP)	7409	C41001	129
C2812(Trans)	2408	C3001-O	1192	C3187(ECB)	287	C3384(Trans)	2319	C4002P(HEP)	4023B	C7410P(HEP)	7410	C44189	910
C2812L4(Trans)	2408	C3001P	7401	C3192(Trans)	107	C3385(Trans)	2319	C4003P(HEP)	4025B	C7411P(HEP)	7411	C66048-A1409-A25	310
C2812L5(Trans)	2408	C3002P	7402	C3192-O(Trans)	107	C3387	2301#	C4011	137A	C7413P(HEP)	7413	C66048-A1409-A26	308
C2812L6(Trans)	2408	C3004(HEP)	7404	C3192R(Trans)	107	C3392(Trans)	2406	C4015	139A	C7414P(HEP)	7414	C66067-A2800-A1	5700
C2812L7(Trans)	2408	C3004P	7404	C3193(Trans)	107	C3392A(Trans)	2406	C4016	140A	C7416P(HEP)	7416	C66067-A2800-A2	5700
C2814(Trans)	2408	C3010L(HEP)	7410	C3193-O(Trans)	107	C3392AY4(Trans)	2406	C4018	142A	C7417P(HEP)	7417	C66067-A2800-A3	5700
C2814F2(Trans)	2408	C3010R	7410	C3193R(Trans)	107	C3392AY6(Trans)	2406	C4020	145A	C7420P(HEP)	7420	C66067-A2800-A4	5700
C2814F3(Trans)	2408	C3012(TRANS)	36	C3194(Trans)	107 ♦	C3395(Trans)	2416	C4020P(HEP)	4013B	C7423P(HEP)	7423	C66067-A2802-A1	5720
C2814F4(Trans)	2408	C3012O(Trans)	36	C3194BN(Trans)	107 ♦	C3396(Trans)	2418	C4021P(HEP)	4027B	C7425P(HEP)	7425	C66067-A2802-A2	5720
C2814F5(Trans)	2408	C3012R(Trans)	36	C3194-O(Trans)	107 ♦	C3398(Trans)	2414	C4026	146A	C7426P(HEP)	7426	C66067-A2802-A3	5720
C2815(TRANS)	379	C3015(Trans)	2402	C3194R(Trans)	107 ♦	C3399(Trans)	2359	C4030P(HEP)	4017B	C7427P(HEP)	7427	C66067-A2802-A4	5720
C2816	379	C3016(Trans)	2402	C3195(Trans)	229 ♦	C3400(Trans)	2357	C4040P(HEP)	4042B	C7430P(HEP)	7430	C66067-A2803-A1	5720
C2818	386	C3020L(HEP)	7420	C3195R(Trans)	229 ♦	C3402(Trans)	2355	C4050P(HEP)	4016B	C7432P(HEP)	7432	C66067-A2803-A2	5720
C2818H	386	C3020P	7420	C3198(Trans)	85	C3409	2309	C4055P(HEP)	4556B	C7437P(HEP)	7437	C66067-A2803-A3	5720
C2819(TRANS)	386	C3030L(HEP)	7430	C3198-O(Trans)	85	C3411(Trans)	2319	C4059P	2055	C7438P(HEP)	7438	C66067-A2803-A4	5720
C2820(TRANS)	386	C3030P	7430	C3198Y(Trans)	85	C3417(Trans)	157 ♦	C4401	177	C7440P(HEP)	7440	C67048-A1409-A49	310
C2821(Trans)	2410	C3037(Trans)	10	C3199(Trans)	85	C3417C(TRANS)	157	C4402(Diode)	552	C7445P(HEP)	7445	C67048-A1409-A52	308
C2821D(Trans)	2410	C3038(TRANS)	51	C3199-O(Trans)	85	C3426(Trans)	2406	C4458C	778A	C7446AP(HEP)	7446	C67048-A1409-A74	308
C2824(TRANS)	373	C3039(TRANS)	379	C3199Y(Trans)	85	C3440(Trans)	2406	C4458C(IC)	778A	C7447AP(HEP)	7447	C7067-A2810-A1	5721
C2824-O	373	C3040	2308	C3202(Trans)	289A	C3440E(Trans)	2406	C5005	109	C7448P(HEP)	7448	C7067-A2810-A2	5721
C2825	2307 ♦	C3040L(HEP)	7440	C3202-O(Trans)	289A	C3440F(Trans)	2406	C5101	65101	C7448P(HEP)	7448	C7067-A2810-A3	5721
C2827	379	C3040P	7440	C3202Y(Trans)	289A	C3441(Trans)	2406	C5101-1	65101	C7460P(HEP)	7460	C7067-A2810-A4	5721
C2828	2308	C3041(TRANS)	53	C3203(Trans)	382 ♦	C3441D(Trans)	2406	C5101-3	65101	C7470P(HEP)	7470	C7067-A2811-3	5721
C2829(Trans)	2319	C3041L(HEP)	7441	C3203-O(Trans)	382 ♦	C3441E(Trans)	2406	C5101-8	65101	C7472P(HEP)	7472	C7067-A2811-4	5721
C2831	2303	C3041P	7441	C3203Y(Trans)	382 ♦	C3444(Trans)	2428	C6001	760	C7473P(HEP)	7473	C7067-A2811-A1	5721
C2831A	2303	C3042	2308	C3204(Trans)	382 ♦	C3448	2309 ♦	C6003	OBS-NLA	C7474P(HEP)	7474	C7067-A2811-A2	5721
C2833	2309	C3043(TRANS)	53	C3204-O(Trans)	382 ♦	C3458	2301#	C6003P(HEP)	OBS-NLA	C7475P(HEP)	7475	C7067-A2812-A1	5721
C2833A	2309	C3044(TRANS)	52	C3204Y(Trans)	382 ♦	C3459	2301#	C6007	OBS-NLA	C7483P(HEP)	7483	C7067-A2812-A2	5721
C2834	2300 ♦	C3044A(TRANS)	52	C3206(Trans)	399	C3460	2300#	C6009	829	C7485P(HEP)	7485	C7067-A2812-A3	5721
C2834A	2300 ♦	C3045(TRANS)	53	C3206-O(Trans)	399	C3461	2300#	C6009P(HEP)	829	C7486P(HEP)	7486	C7067-A2812-A4	5721
C2837(TRANS)	36	C3046(TRANS)	53	C3206Y(Trans)	399	C3466	2300#	C6010	753	C7490AP(HEP)	7490	C7067-A2814-A21	5722
C2838(TRANS)	33	C3050L(HEP)	7450	C3207(Trans)	399	C3479	2302 ♦	C6010P(HEP)	753	C7491AP(HEP)	7491	C7067-A2814-A22	5722
C2839(TRANS)	85	C3050P	7450	C3208(Trans)	376	C3480	2302 ♦	C6011P(HEP)	838	C7492AP(HEP)	7492	C7067-A2814-A23	5722
C2839D(Trans)	85	C3051(Trans)	2327	C3209(Trans)	399 ♦	C3482	2302 ♦	C6011	7619	C7493AP(HEP)	7493A	C7067-A2814-A24	5722
C2839E(Trans)	85	C3052(Trans)	2406	C3209K(Trans)	399 ♦	C3483	2301 ♦	C6012	OBS-NLA	C7495P(HEP)	7495	C7067-A2814-A25	5722
C2839F(Trans)	85	C3052E(Trans)	2406	C3209L(Trans)	399 ♦	C3484	2301 ♦	C6013	755	C7496P(HEP)	7496	C7067-A2820-A22	5722
C2840D(Trans)	107	C3052F(Trans)	2406	C3209M(Trans)	399 ♦	C3485	2301 ♦	C6014	757	C7497P(HEP)	7497	C7067-A2820-A23	5722
C2841	2308	C3053(Trans)	2406	C3210	2308	C3486	2300 ♦	C6015	7679	C8080A	8080A	C7067-A2820-A24	5722
C2853	382	C3053B(Trans)	2406	C3211	2309	C3493(Trans)	2402	C6016(HEP)	772A	C8080AP	8080AP	C7067-A2823-A1	5722
C2853D	382	C3053C(Trans)	2406	C3211A	2309	C3505	2309	C6016C(HEP)	772A	C8212	8212	C7067-A2833-A2	5722
C2854	382	C3053D(Trans)	2406	C3212	2300#	C3510(Trans)	10	C6017	773	C8212P	8212	C7067-A2833-A3	5722
C2854D	382	C3054	256 ♦	C3212A(Trans)	2300#	C3512(Trans)	10 ♦	C6019	OBS-NLA	C8214	8214	C7067-A2833-A4	5722
C2855	382	C3063(Trans)	157	C3214	8214	C3515(Trans)	2430	C6050G(HEP)	973	C8216	8216	C7078-A1313-A3	66
C2855D	382	C3073L(HEP)	7473	C3220	2311 ♦	C3515O(Trans)	2430	C6052G(HEP)	94	C8218	8218	C7078-A1316-A3	66
C2856D	382	C3073P	7473	C3222(Trans)	2319	C3515Y(Trans)	2430	C6052P	941M	C8224P	8224	C89797	427/2829
C2857D(Trans)	399	C3075L(HEP)	7475	C3227(Trans)	297	C3519	2305 ♦	C6055L	725	C8228	8228	C74107P(HEP)	74107
C2857E(Trans)	399	C3075P	7475	C3227-O(Trans)	297	C3546(Trans)	33	C6056P	722	C8228P	8228	C74121P(HEP)	74121
C2859(Trans)	2406	C3078M	16	C3227Y(Trans)	297	C3547(Trans)	2402	C6057	790	C8255	8255	C74125P(HEP)	74125
C2859O(Trans)	2406	C3078MM	16	C3228(Trans)	31	C3547A(Trans)	2402	C6058P	746	C8259	8259	C74125P(HEP)	74125
C2859Y(Trans)	2406	C3078MN	16	C3228O(Trans)	31	C3601(PROM)	7453B7	C6060P	748A	C8380	289A	C74141P(HEP)	74141
C2867(TRANS)	379	C3078MP	16	C3228R(Trans)	31	C3602(PROM)	745570	C6061P	750	C9011E	123AP	C74145P(HEP)	74145
C2868	289A	C3080(Trans)	15	C3231(Trans)	51#	C3604(PROM)	745475	C6062P	708	C9011E	123AP	C74150P(HEP)	74150
C2868Y	289A	C3080M	15 ♦	C3235	51#	C3604A	745475	C6063P	712	C9012	123AP	C74150P(HEP)	74150
C2872(TRANS)	297	C3080ND	15	C3239	377#	C3604A-2	745475	C6064P	716	C9013G	123AP	C74153P(HEP)	74153
C2872Q(TRANS)	297	C3083	2309	C3239-O	377#	C3605(Trans)	10 ♦	C6066P	798	C9011H	123AP	C74154P(HEP)	74154
C2872R(TRANS)	297	C3084(TRANS)	53	C3257	379	C3605(PROM)	745572	C6067G	707	C9011I	123AP	C74155P(HEP)	74155
C2876	63	C3088	2309	C3258	377	C3605A(PROM)	745572	C6067P(HEP)	707	C9012	159	C74156P(HEP)	74156
C2877	184	C3089	2300#	C3258-O	377	C3605A-1	745572	C6068P	72				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
C6141990	177	CA1458S	778A	CA3067AE	729	CA3221	819S	CD2	116(2)	CD4001CJ	4001B	CD4023UBE	4023B
C8862400	123A	CA2002	123C	CA3067E	729	CA3221G	819S	CD2A	513	CD4001CN	4001B	CD4024AE	4024B
C532000585	234	CA2065	712	CA3068	730	CA3234E	873	CD2N	116	CD4002	4002B	CD4024B	4024B
CA-092	139A	CA2111AE	708	CA3070	714	CA3236E	874	CD-4	116	CD4002AD	4002B	CD4024BCJ	4024B
CA0324E	987	CA2111AQ	708	CA3070E	714	CA3237	1682	CD4	116	CD4002AE	4002B	CD4024BCJ	4024B
CA0324F24	987	CA2111E	708	CA3070G	714	CA3237E	1682	CD-20	177	CD4002B	4002B	CD4024BCN	4024B
CA0324M	987SM	CA3000	900	CA3070-G	714	CA3401E	892	CD31-00002	134A	CD4002BD	4002B	CD4024BCN	4024B
CA0358AM	928SM	CA3000T	900	CA3071	715	CA3458S	877	CD31-00006	135A	CD4002C	4002B	CD4025	4025B
CA0358M	928SM	CA3001	901	CA3071E	715	CA3458T	877	CD31-00007	136A	CD4002CJ	4002B	CD4025AE	4025B
CA0555M	955SM	CA3001T	901	CA3072	713	CA3741	941	CD31-00008	137A	CD4002CN	4002B	CD4025BC	4025B
CA2D2	102A	CA3010	903	CA3072E	713	CA3741CS	941	CD31-00012	139A	CD4006	4006B	CD4025BCJ	4025B
CA10	116	CA3010A	903	CA3075	723	CA3741CT	941	CD31-00015	142A	CD4006A	4006B	CD4025BCN	4025B
CA20	116	CA3010AT	903	CA3075D	723	CA3741S	941	CD31-00017	145A	CD4006AE	4006B	CD4025BE	4025B
CA32A25V12	5703	CA3010T	903	CA3075E	723	CA3741T	941	CD31-00023	146A	CD4006B	4006B	CD4025C	4025B
CA32A25V24	5703	CA3011	726	CA3076	781	CA3747CT	947	CD31-00025	147A	CD4006BCJ	4006B	CD4025CJ	4025B
CA33A40V10	5710	CA3011T	726	CA3076T	781	CA3748CT	1171	CD31-10361	146A	CD4006BCN	4006B	CD4025CN	4025B
CA33A40V20	5710	CA3012	726	CA3079	914	CA3909E	876	CD31-10365	145A	CD4006BE	4006B	CD4026	4026B
CA33A40V40	5710	CA3012T	726	CA3079E	914	CA7607E	1545	CD31-12019	139A	CD4007AE	4007	CD4026BD	4026B
CA33A40V60	5710	CA3013	704	CA3080	902	CA-9011H	123A	CD31-12022	142A	CD4007CJ	4007	CD4026BE	4026B
CA33A40V80	5710	CA3013T	704	CA3080E	996	CA-9016	108	CD31-12024	145A	CD4007CN	4007	CD4026BF	4026B
CA33A40W10	5710	CA3014	704	CA3080GW	902	CA30900	789	CD31-12030	146A	CD4007UBC	4007	CD4026BJP	4026B
CA33A40W12	5710	CA3014T	704	CA3080S	902	CAD-1	77	CD31-12032	147A	CD4007UBE	4007	CD4027AE	4027B
CA33A80V10	5710	CA3015	903	CA3080T	902	CAD-2	77	CD31-12039	139A	CD4008	4008B	CD4027B	4027B
CA33A80V20	5720	CA3015A	903	CA3081	916	CAM-12	123A	CD-37	177	CD4008AE	4008B	CD4027BC	4027B
CA33A80V40	5720	CA3015AT	903	CA3081E	916	CAM-GRN	6055	CD37	177	CD4008B	4008B	CD4027BCJ	4027B
CA33A80V60	5720	CA3015T	903	CA3082	2023	CB1F4	105	CD-37A	177	CD4008BCJ	4008B	CD4027BCN	4027B
CA33A80V80	5720	CA3018	904	CA3082E	2035	CB5	116	CD37A	177	CD4008BCN	4008B	CD4027BE	4027B
CA33A80W10	5720	CA3018A	904	CA3083	929	CB10	116	CD37A2	116	CD4008BE	4008B	CD4028	4028B
CA33A80W12	5720	CA3018T	904	CA3083E	929	CB20	116	CD38	123A	CD4009AE	4009	CD4028AE	4028B
CA50	116	CA3019	905	CA3085A	923	CB22A25V12	5700	CD48	136A	CD4009CJ	4009	CD4028BC	4028B
CA90	177	CA3019T	905	CA3086	912	CB22A25V12FD	5700	CD73/187/72	7493A	CD4009CN	4009	CD4028BCJ	4028B
CA100	116	CA3020	784	CA3086E	912	CB22A25V24	5700	CD73/187/73	74930	CD4009UBE	4009	CD4028BCN	4028B
CA102BA	116	CA3020A	784	CA3088E	787	CB22A25V24FD	5700	CD101	109	CD4010AE	4050B	CD4028BE	4028B
CA102DA	116	CA3020AT	784	CA3089E	788	CB32A25V12	5702	CD437	159	CD4010B	4050B	CD4029	4029B
CA102FA	116	CA3020B	784	CA3089F	788	CB32A25V24	5702	CD441	199	CD4010BE	4050B	CD4029AE	4029B
CA102HA	116	CA3020T	784	CA3090A	789	CB42A25V2FD	5701	CD445	159	CD4010CJ	4050B	CD4029B	4029B
CA102MA	116	CA3026	786	CA3090AQ	789	CB42A25V12FD	5701	CD446	123A	CD4010CN	4050B	CD4029BC	4029B
CA102PA	125	CA3026T	906	CA3090E	789	CB42A25V12FD	5701	CD461	130	CD4011	4011B	CD4029BCJ	4029B
CA102RA	125	CA3028	724	CA3090Q	789	CB42A25V24	5701	CD461-014-614	130	CD4011AE	4011B	CD4029BCN	4029B
CA102VA	125	CA3028A	724	CA3100T	871	CB50	116	CD500	234	CD4011B	4011B	CD4029BE	4029B
CA150	116	CA3028AF	724	CA3120E	731	CB100	156	CD522	218	CD4011BC	4011B	CD4030AE	4030B
CA152VA	125	CA3028AS	724	CA3121E	791	CB103	126A	CD541	909	CD4011BCJ	4011B	CD4030BD	4030B
CA200	116	CA3028AT	724	CA3121E-G	791	CB106	109	CD562	109	CD4011BCN	4011B	CD4030C	4030B
CA201AT	1171	CA3028B	724	CA3121G	791	CB150	116	CD600	177	CD4011BE	4011B	CD4030CJ	4030B
CA201T	1171	CA3028BF	724	CA3123E	744	CB156	160	CD1111	116	CD4011C	4011B	CD4030CN	4030B
CA224E	987	CA3028BS	724	CA3125E	798	CB157	126A	CD1112	116	CD4011CJ	4011B	CD4031B	4031B
CA224G	987	CA3028T	724	CA3126EM	797	CB158	126A	CD1113	116	CD4011CN	4011B	CD4031BCJ	4031B
CA239AE	834	CA3029	908	CA3126EM1	797	CB161	102A	CD1114	116	CD4011VBE	4011B	CD4031BCN	4031B
CA239AG	834	CA3029E	908	CA3126EM1	797	CB163	109	CD1115	116	CD4012	4012B	CD4031BD	4031B
CA239E	834	CA3030	908	CA3126G	797	CB200	116	CD1116	116	CD4012AE	4012B	CD4031BE	4031B
CA239G	834	CA3030A	908	CA3130AE	930	CB244	160	CD1117	116	CD4012BE	4012B	CD4031BF	4031B
CA250	116	CA3030AE	908	CA3130AS	930	CB246	123A	CD1121	116	CD4012C	4012B	CD4031BJP	4031B
CA-301	975	CA3030E	908	CA3130AT	930	CB248	102A	CD1122	116	CD4012CJ	4012B	CD4032AE	4032B
CA301AE	975	CA3035	785S	CA3130E	930	CB249	102A	CD1123	116	CD4012CN	4012B	CD4032BE	4032B
CA301AT	1171	CA3035T	785S	CA3130GW	930	CB250	116	CD1124	116	CD4013	4013B	CD4033AE	4033B
CA301E	975	CA3035V	785S	CA3130S	930	CB254	160	CD1125	116	CD4013AE	4013B	CD4033BE	4033B
CA307E	976	CA3035V1	785S	CA3130T	930	CB393	109	CD1126	116	CD4013BC	4013B	CD4034	4034B
CA308AT	938	CA3037	908	CA3134	1175	CC102BA	116	CD1127	116	CD4013BCJ	4013B	CD4034AE	4034B
CA308T	938	CA3037A	908	CA3134EM	1175	CC102DA	116	CD1141	116	CD4013BCN	4013B	CD4034B	4034B
CA311E	922M	CA3037AE	908	CA3134GQM	1175	CC102FA	116	CD1142	116	CD4013BE	4013B	CD4034BE	4034B
CA311GW	922M	CA3037E	908	CA3134Q	1175	CC102HA	116	CD1143	116	CD4014AE	4014B	CD4035	4035B
CA311S	922	CA3038	908	CA3134QM	1175	CC102KA	116	CD1147	116	CD4014BE	4014B	CD4035AE	4035B
CA311T	922	CA3038A	908	CA3135G	818	CC102MA	116	CD1148	116	CD4014C	4014B	CD4035B	4035B
CA311TG	928	CA3038AE	908	CA3136E	843	CC102PA	125	CD1149	116	CD4015AE	4015B	CD4035BE	4035B
CA324E	987	CA3038E	908	CA3136EW	843	CC102RA	125	CD1124	177	CD4015BE	4015B	CD4035AE	4035B
CA324G	987	CA3039	907	CA3136G	843	CC102VA	125	CD1616	363	CD4015C	4015B	CD4035BE	4035B
CA324M	987SM	CA3039T	907	CA3136GW	843	CC152VA	125	CD1617	364	CD4016	4016B	CD4038BE	4038B
CA339	834	CA3041	710	CA3137	1176S	CC372G(ECB)	123AP	CD2300E	9930	CD4016AE	4016B	CD4040	4040B
CA339AE	834	CA3042	706	CA3137E	1176S	CCF-3	611	CD2300E/830	9930	CD4016B	4016B	CD4040AE	4040B
CA339AG	834	CA3042E	710	CA3137EM1	1176S	CCS1235G	123A	CD2301E	9961	CD4016B	4016B	CD4040BC	4040B
CA339E	834	CA3043	786	CA3137EM1	1176S	CCS2001H	123AP	CD2301E/861	9961	CD4016BE	4016B	CD4040BCJ	4040B
CA344V1	711	CA3044	786	CA3137EM1	1176S	CCS2004	123A	CD2302E/846	9946	CD4016C	4016B	CD4040BCN	4040B
CA358AM	928SM	CA3044T	711	CA3137GHI	1174	CCS2008	123A	CD2302E/846	9946	CD4016CJ	4016B	CD4040BE	4040B
CA358AS	928	CA3044T	711	CA3137GM1	1174	CCS2004C	123AP	CD2303E/849	9949	CD4016CN	4016B	CD4041AE	4041
CA358AT	928	CA3044V1	711	CA3139GQ	1174	CCS2004D303	199	CD2303E/849	9949	CD4017AD	4017B	CD4041CJ	4041
CA358S	928	CA3045	912	CA3139GQ	1174	CCS2005B	199	CD2304E	9945	CD4017AE	4017B	CD4041UBE	4041
CA555CE	955M	CA3045F	912	CA3143E	984	CCS2005B	199	CD2304E/845	9945	CD4017BC	4017B	CD4042	4042B
CA555CG	955M	CA3046	912	CA3144G	984	CCS2008F015	108	CD2305E	9948	CD4017BCJ	4017B	CD4042AE	4042B
CA555E	955M	CA3046E	912	CA3151G	986	CCS2008G	108	CD2305E/848	9948	CD4017BN	4017B	CD4042BC	4042B
CA555M	955M	CA3047	912	CA3151GM1	986	CCS2008H	108	CD2306E/848	9948	CD4017E	4017B	CD4042BCJ	4042B
CA723	923	CA3047A	913S	CA3151GMT	986	CCS4004	123A	CD2306E/832	9932	CD4018	4018B	CD4042BCN	4042B
CA723CE	923D	CA3047E	913S	CA3152E	987	CCS6168F	123A	CD2307E/844	9944	CD4018AE	4018B	CD4042BE	4042B
CA723CT	923	CA3048	727	CA3153G	984	CCS6168G	128	CD2307E/844	9944	CD4018BCJ	4018B	CD4043	4043B
CA723E	923D	CA3049	906	CA3153GM1	984	CCS6225F	161	CD2308E/862	9962	CD4018CN	4018B	CD4043AE	4043B
CA723G	923												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
CD4049	4049	CD4093BCJ	4093B	CD4553BJP	4553B	CD421090	5721	CD2510G	123A	CDQ10058	128
CD4049AE	4049	CD4093BCN	4093B	CD4555	4555B	CD421240	5711	CD4023A130	123A	CDR-2	116
CD4049BC	4049	CD4093BE	4093B	CD4555B	4555B	CD421260	5721	CD5000	107	CDR-4	116
CD4049CJ	4049	CD4094B	4094B	CD4555BE	4555B	CD421290	5721	CD5000-1B	108	CDR69/121/207	911
CD4049CN	4049	CD4094BCJ	4094B	CD4556BE	4556B	CD430140	5710	CD5008	128	CDT11309	121
CD4049UBE	4049	CD4094BCN	4094B	CD4558BNP	4558B	CD430160	5720	CD5028A	128	CDT1309	121
CD4050	4050B	CD4094BD	4094B	CD4562BJP	4562B	CD430190	5720	CD5038A	108	CDT1311	121
CD4050AE	4050B	CD4094BE	4094B	CD4568BJP	4568B	CD430240	5710	CD5071A	108	CDT1319	121
CD4050B	4050B	CD4094BF	4094B	CD4569BJP	4569B	CD430260	5720	CD5075B	108	CDT1320	121
CD4050BC	4050B	CD4094BFC	4094B	CD4569BE	4569B	CD430290	5720	CD8000	123A	CDT1321	121
CD4050BCJ	4050B	CD4095B	4095B	CD4597BJP	4597B	CD430440	5710	CD8000-1	128	CDT-1322	179
CD4050BCN	4050B	CD4095BD	4095B	CD4598BJP	4598B	CD430460	5720	CD8000-1B	123A	CDT1349	121
CD4050BE	4050B	CD4095BE	4095B	CD5002	519	CD430490	5720	CD8000-1C	128	CDT1349A	121
CD4050BEXV	4050B	CD4095BF	4095B	CD5003	177	CD430640	5710	CD8000-1D	192	CDT1350	121
CD4051	4051B	CD4095BJP	4095B	CD5038	519	CD430660	5720	CD8000-1D	192	CDT1350A	121
CD4051AC	4051B	CD4096B	4096B	CD5328	9910	CD430690	5720	CD8000-CM	128	CDZ-9V	139A
CD4051AE	4051B	CD4096BD	4096B	CD5944	362	CD430840	5710	CD8001	123A	CDZ-318-75	138A
CD4051B	4051B	CD4096BE	4096B	CD5945	363	CD430860	5720	CD8001-1	123A	CDZ15000	128
CD4051BC	4051B	CD4096BF	4096B	CD5946	364	CD430890	5720	CD8002	128	CDZ-5V	139A
CD4051BCJ	4051B	CD4096BFC	4096B	CD6016	519	CD431040	5710	CD8002-1	128	CDZ60/7839	102A
CD4051BCN	4051B	CD4097B	4097B	CD6016-013-689	519	CD431060	5720	CD8011B	123A	CE0361/7839	102A
CD4051BE	4051B	CD4097BD	4097B	CD6019	123A	CD431090	5720	CD8021	123A	CE0362/7839	102A
CD4051BEXV	4051B	CD4097BE	4097B	CD6039	9914	CD431240	5710	CD8054	123A	CE0363/7839	158
CD4052	4052B	CD4097BF	4097B	CD6150	123A	CD431260	5720	CD9000-1	159	CE0485/7839	109
CD4052AE	4052B	CD4097BJP	4097B	CD6153	128	CD431290	5720	CD9000-1B	129		
CD4052B	4052B	CD4098	4098B	CD6153-2	128	CD470140	5712	CD9000-1B	129	CE37	177
CD4052BC	4052B	CD4098B	4098B	CD6157	123A	CD470160	5722	CD9000-1D	159	CE502	116
CD4052BCJ	4052B	CD4098BC	4098B	CD6161P1N013-75	519	CD470190	5722	CD9000-1D	159	CE504	116
CD4052BCN	4052B	CD4098BE	4098B	CD6375	123A	CD470240	5712	CD9001	128	CE506	116
CD4052BE	4052B	CD4098BFC	4098B	CD6439	911	CD470260	5722	CD9002-1C	128	CE508	125
CD4052BP	4052B	CD4099BCJ	4099B	CD7012	335	CD470290	5722	CD9002-1B	128	CE510	125
CD4053	4053B	CD4099BCN	4099B	CD8000	123A	CD470440	5712	CD9000-1E	159	CE4001B	123AP
CD4053B	4053B	CD4099BE	4099B	CD8000-1	123A	CD470460	5722	CD9000-1C	123A	CE4001C	123AP
CD4053BCJ	4053B	CD4116	142A	CD8457	177	CD470640	5712	CD9018C	123A	CE4002	123A
CD4053BCN	4053B	CD4117	142A	CD9525	123A	CD470660	5712	CD9020B	107	CE4002D	129
CD4053BE	4053B	CD4118	142A	CD10000-1E	159	CD470680	5722	CD9020-1B	123A	CE4003D	128
CD4053BC	4053B	CD4121	142A	CD12000	123A	CD470690	5722	CD9020-1D	123A	CE4003E	123A
CD4053BE	4053B	CD4122	142A	CD13332	116	CD470840	5712	CD9020-1E	123A	CE4004	123A
CD4056B	4056B	CD4136	997	CD13333	116	CD470890	5722	CD9021	108	CE4005C	159
CD4056BD	4056B	CD4501BJP	4501	CD13335	116	CD470900	5722	CD9021-1C	108	CE4008B	229
CD4056BE	4056B	CD4502	4502B	CD13336	116	CD471040	5712	CD9021-1B	123A	CE4008C	229
CD4056BF	4056B	CD4502BE	4502B	CD13337	116	CD471060	5722	CD9021-1D	123A	CE4008D	229
CD4056BJP	4056B	CD4503B	4097B	CD13338	116	CD471090	5722	CD9021-1E	123A	CE4010B	108
CD4060	4060B	CD4503BCN	4097B	CD13339	116	CD471240	5712	CD9021-1F	123A	CE4010C	108
CD4060AE	4060B	CD4503BCP	4097B	CD40100AE	40100B	CD471260	5722	CD9021-1G	123A	CE4010D	108
CD4060B	4060B	CD4503BE	4097B	CD40100B	40100B	CD471290	5722	CD9021-1H	123A	CE4012D	159
CD4060BCJ	4060B	CD4503BN	4097B	CD40100BE	40100B	CD720140OY	5711	CD9021-1I	123A	CE4012E	159
CD4060BCN	4060B	CD4503BE	4097B	CD40100B	40100B	CD720140OY	5711	CD9021-1J	123A	CE4013D	123AP
CD4060BE	4060B	CD4503BE	4097B	CD40100B	40100B	CD720160OY	5711	CD9021-1K	123A	CE4013E	123AP
CD4063	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1L	123A	CE4013F	123AP
CD4063BE	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1M	123A	CE4013G	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1N	123A	CE4013H	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1O	123A	CE4013I	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1P	123A	CE4013J	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1Q	123A	CE4013K	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1R	123A	CE4013L	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1S	123A	CE4013M	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1T	123A	CE4013N	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1U	123A	CE4013O	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1V	123A	CE4013P	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1W	123A	CE4013Q	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1X	123A	CE4013R	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1Y	123A	CE4013S	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1Z	123A	CE4013T	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1A	123A	CE4013U	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1B	123A	CE4013V	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1C	123A	CE4013W	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1D	123A	CE4013X	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1E	123A	CE4013Y	123AP
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CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1G	123A	CE4014A	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1H	123A	CE4014B	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1I	123A	CE4014C	123AP
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CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1K	123A	CE4014E	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1L	123A	CE4014F	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1M	123A	CE4014G	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1N	123A	CE4014H	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1O	123A	CE4014I	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1P	123A	CE4014J	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1Q	123A	CE4014K	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1R	123A	CE4014L	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1S	123A	CE4014M	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1T	123A	CE4014N	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1U	123A	CE4014O	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1V	123A	CE4014P	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1W	123A	CE4014Q	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1X	123A	CE4014R	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1Y	123A	CE4014S	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1Z	123A	CE4014T	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1A	123A	CE4014U	123AP
CD4063B	4063B	CD4510B	4510B	CD40106B	40106B	CD720160OY	5711	CD9021-1B	123A	CE4014V	123AP

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
CI3705.....	128	CK766A.....	126A	CM4-584B.....	3021	CN07E.....	5572 ♦	CP800.....	158	CQT1129.....	121	CR4U02FY.....	5483
CI3706.....	128	CK768.....	100	CM4-584B-2.....	3021	CN07F.....	5572 ♦	CP801.....	158	CQX10.....	3025	CR4U03FY.....	5485
CI3900.....	123A	CK776.....	100	CM4-5020.....	3042	CN07G.....	5572 ♦	CP802.....	158	CQX11.....	3024	CR4U04FY.....	5485
CI3900A.....	123A	CK776A.....	100	CM-9.....	736	CN07H.....	5574 ♦	CP803.....	158	CQX12.....	3021	CR4U05FY.....	5487
CI3901.....	123A	CK790.....	102	CM10-12A.....	365	CN07J.....	5574 ♦	CP2013.....	4919	CQX21.....	3030	CR4U06FY.....	5487
CI4256.....	123A	CK791.....	102	CM-12.....	116	CN2484.....	128	CP2013A.....	4919	CQX40/5VL.....	3025	CR4UX5FY.....	5481
CI4424.....	123A	CK793.....	102	CM20-12A.....	366	CN5310.....	1410	CP2018.....	4927	CQX40/12VL.....	3025	CR10C-2.....	5522
CI4425.....	123A	CK794.....	102	CM21-3.....	201	CN5310K.....	1410	CP2018A.....	4927	CQX40L.....	3025	CR10C-4.....	5524
CI425-Q.....	124	CK870.....	102	CM-24.....	3019	CN5310L.....	1410	CP2020.....	4929	CQX41.....	3000	CR10C-6.....	5527
CI1-225-Q.....	130	CK871.....	102	CM25-12.....	366	CN5310M.....	1410	CP2020A.....	4929	CQY24A.....	3020	CR10C-8.....	5527
CIJ70645.....	110MP	CK872.....	102	CM30-12A.....	367	CN5311.....	1410	CP2027.....	4935	CQY24A-1.....	3020	CR10C-10.....	5529
CI1194.....	229	CK875.....	102	CM40-12.....	367	CN5311LM.....	1410	CP2027A.....	4935	CQY24A-2.....	3020	CR10C-12.....	5529
CI194A.....	229	CK878.....	102	CM44-11-002-1.....	3200	CN5411.....	1299	CP2051.....	4951	CQY24B.....	3020	CR10C-14.....	5531
CI194B.....	229	CK879.....	102	CM44-11-012-3.....	3202	CN5335.....	3041	CP2051A.....	4951	CQY24B-1.....	3020	CR10C-16.....	5531
CI195.....	229	CK882.....	102	CM44-11-021-2.....	3201	CN5336.....	3041	CP2068.....	4959	CQY24B-2.....	3020	CR12M01FY.....	5522
CI1195A.....	229	CK888.....	102	CM45-12A.....	367	CN5317.....	3041	CP2068A.....	4959	CQY40L.....	3020	CR12M02FY.....	5524
CI1195B.....	229	CK891.....	102A	CM50-12A.....	368	CN5317A.....	3041	CP2200.....	4989	CQY54.....	3007	CR12M03FY.....	5527
CI1511.....	108	CK892.....	102A	CM60-12A.....	368	CN5317B.....	3041	CP2200A.....	4989	CQY54-1.....	3007	CR12M04FY.....	5527
CI1512.....	108	CK942.....	159	CM144-11-002-3.....	3200	CN5317C.....	3041	CP2357.....	128	CQY54-2.....	3007	CR12M05FY.....	5529
CI1513.....	108	CL04C.....	5580 ♦	CM144-11-012-3.....	3202	CN5318.....	3040	CP-2742.....	180	CQY54-3.....	3007	CR12M06FY.....	5529
CI1521.....	108	CL04D.....	5582 ♦	CM144-11-021-2.....	3201	CN5328.....	3100	CP3212055.....	139A	CQY65.....	3007	CR12M07FY.....	5531
CI1522.....	108	CL04E.....	5582 ♦	CM-244A.....	3008	CN5329.....	3101	CP51540B.....	98	CQY72L.....	3024	CR12M08FY.....	5531
CI1523.....	108	CL04F.....	5582 ♦	CM336ZT.....	952	CN5331.....	3102	CP51545B.....	98	CQY73.....	3003	CR12M09FY.....	5531
CI1531.....	108	CL04G.....	5582 ♦	CM603.....	466	CN5332.....	3103	CP51550B.....	98	CQY74L.....	3021	CR12M10FY.....	5531
CI1532.....	108	CL04H.....	5584 ♦	CM647.....	466	CN5336.....	3102	CP52510B.....	98	CQY80.....	3041	CR12U02FY.....	5524
CI1533.....	108	CL04J.....	5584 ♦	CM2417.....	5304	CN5337.....	3100	CP52512B.....	98	CQY85.....	3007	CR12U03FY.....	5527
CIJ02H.....	5589 ♦	CL04K.....	5584 ♦	CM2550.....	121	CN5340.....	3084 ♦	CP52515B.....	98	CQY86.....	3010	CR12U04FY.....	5527
CIJ02J.....	5589 ♦	CL04L.....	5584 ♦	CM4000AD.....	4000	CO2.....	5072A	CP52540B.....	98	CQY94.....	3024	CR12U05FY.....	5529
CIJ02K.....	5589 ♦	CL05.....	116	CM4000AE.....	4000	CO49.....	116	CP52545B.....	98	CQY94-1.....	3024	CR12U06FY.....	5529
CIJ02L.....	5589 ♦	CL010.....	116	CM4001AD.....	4001B	CO50.....	125	CP52550B.....	98	CQY94-2.....	3024	CR12U07CY.....	5531
CIJ02W.....	5589 ♦	CL025.....	116	CM4001AE.....	4001B	CO510.....	125	CP54010B.....	98	CQY97.....	3011	CR12U08FY.....	5531
CIJ02X.....	5589 ♦	CL066C.....	289A	CM4002AE.....	4002B	CO6435.....	289A	CP54012B.....	98	CQY97-1.....	3011	CR12U09FY.....	5531
CIJ04C.....	5587 ♦	CL0D.....	400/128	CM4006.....	4006B	CO10174-02.....	855	CP54015B.....	98	CQY97-2.....	3011	CR20F-2.....	5542
CIJ04D.....	5587 ♦	CL0C.....	400/128	CM4006A.....	4006B	CO10745-03.....	6507	CP54040B.....	98	CQY97-3.....	3011	CR20F-4.....	5543
CIJ04E.....	5587 ♦	CL1.....	116	CM4006AE.....	4006B	CO10745-12.....	6507	CP54045B.....	98	CQY99.....	3017	CR20F-6.....	5545
CIJ04F.....	5587 ♦	CL1.5.....	116	CM4007AE.....	4007	CO10750.....	6532	CP54050B.....	98	CR0000.....	109	CR20F-8.....	5545
CIJ04G.....	5587 ♦	CL2.....	116	CM4008.....	4008B	CO10750-03.....	6532	CP57010B.....	99	CR01C.....	5524	CR20F-10.....	5547
CIJ032.....	102A	CL3.....	116	CM4008AE.....	4008B	CO10750-05.....	6532	CP57012B.....	99	CR01D.....	5527	CR20F-12.....	5547
CIJ166.....	229	CL4.....	116	CM4009AE.....	4009	CO10750-12.....	6532	CP57015B.....	99	CR01E.....	5527	CR20F-16.....	5548
CIJ170.....	123AP	CL5.....	116	CM4010AE.....	4050B	CO10816.....	4050B	CP515533-101.....	9932	CR02A-1(GAK).....	5401	CR20M01FY.....	5542
CIJ180.....	123AP	CL6.....	116	CM4011AE.....	4011B	CO10816-03.....	4050B	CP5-16676-1.....	9951	CR02A-2(GAK).....	5402	CR20M02FY-1.....	5542
CIJ322.....	123AP	CL7.....	116	CM4012AE.....	4012B	CO10816-04.....	4050B	CQ003B.....	229	CR02A-4(GAK).....	5404	CR20M02FY-1.....	5543
CIJ326.....	123AP	CL8.....	116	CM4013AE.....	4013B	CO10819-01.....	960	CQ01C.....	5543	CR02A-8(GAK).....	5405	CR20M02FY-1.....	5543
CIJ392.....	126A	CL-110.....	3028	CM4014AE.....	4014B	CO14313.....	74LS244	CQ01D.....	5545	CR02AM-1(GAK).....	5401	CR20M03FY.....	5545
CIJ5201.....	123A	CL110.....	3028	CM4015AE.....	4015B	CO14313-09.....	2117	CQ01E.....	5545	CR02AM1(GAK).....	5401	CR20M03FY-1.....	5545
CIJ5202.....	123A	CL-110A.....	3028	CM4016AE.....	4016B	CO14336.....	4051B	CQ01F.....	5547	CR02AM-2(GAK).....	5402	CR20M04FY.....	5545
CIJ5203.....	123A	CL-110A.....	3028	CM4017AE.....	4017B	CO14341.....	74LS10	CQ01G.....	5547	CR02AM4(GAK).....	5404	CR20M04FY-1.....	5545
CIJ5204.....	102A	CL116P.....	159	CM4018.....	4018B	CO14344.....	74LS138	CQ08C.....	5543	CR02AM-4(GAK).....	5404	CR20M05FY.....	5547
CIJ5205.....	123A	CL116P.....	159	CM4019AE.....	4019B	CO14377.....	74LS158	CQ08D.....	5545 ♦	CR02AM-6(GAK).....	5405	CR20M05FY-1.....	5547
CIJ5206A.....	192	CL155C.....	294	CM4019AE.....	4019B	CO14377.....	74LS158	CQ08E.....	5545 ♦	CR02AM-8(GAK).....	5405	CR20M06FY.....	5547
CIJ5207.....	123A	CL166C.....	123AP	CM4020AE.....	4020B	CO14806-03.....	6502	CQ08F.....	5547 ♦	CR02AM-10(GAK).....	5406	CR20M06FY-1.....	5547
CIJ5208.....	123A	CL166D.....	123AP	CM4021AE.....	4021B	CO14806-12.....	6502	CQ08G.....	5547 ♦	CR02C.....	5517	CR20M05FY.....	5541
CIJ5209.....	129	CL166E.....	123AP	CM4022AE.....	4022B	CO14809.....	288	CQ08H.....	5534A ♦	CR02D.....	5518	CR20M05FY-1.....	5541
CIJ5210.....	128	CL-110-025-057.....	161	CM4022AE.....	4022B	CO14809-07.....	74LS08	CR02E.....	5534A ♦	CR02E.....	5518	CR20U01FY.....	5542
CIJ5211.....	123A	CL-110-027-022.....	123AP	CM4023AE.....	4023B	CO18991.....	159	CQ09E.....	5534A ♦	CR05A-1.....	5401	CR20U01FY-1.....	5542
CIJ5212.....	123A	CL-110-027-034.....	199	CM4024AE.....	4024B	CO60474.....	74LS151	CQ09F.....	5534A ♦	CR05A-2.....	5402	CR20U02FY.....	5543
CIJ5213.....	128	CL-110-014-014.....	552	CM4025AE.....	4025B	CO60607.....	519	CQ09G.....	5534A ♦	CR05A-4.....	5404	CR20U02FY-1.....	5543
CIJ5214.....	128	CL-110-014-010.....	116	CM4027AE.....	4027B	CO60612.....	216A	CQ032H.....	123AP	CR05A-6.....	5405	CR20U03FY.....	5545
CIJ5215.....	128	CL2623.....	B25240T	CM4028AE.....	4028B	CO61426.....	74LS138	CQ041A.....	123AP	CR05A-8.....	5405	CR20U03FY-1.....	5545
CJSE067.....	933	CL3380.....	B25240T	CM4029AE.....	4029B	CO61702.....	928M	CQ041AB.....	123AP	CR05A-10.....	5406	CR20U04FY.....	5545
CJSE071.....	931	CL410025-057.....	161	CM4030AE.....	4030B	CO61850.....	74LS14	CQ041B.....	123AP	CR05A-12.....	5406	CR20U04FY-1.....	5545
CK4.....	126A	CLEAK-02200.....	5312	CM4032AE.....	4032B	COD1531.....	116	CQ041C.....	123AP	CR08C.....	5524 ♦	CR20U05FY.....	5547
CK4A.....	126A	CLEAK-02601(1).....	261	CM4033AE.....	4033B	COD1532.....	116	CQ041D.....	123AP	CR08D.....	5527 ♦	CR20U05FY-1.....	5547
CK13.....	102A	CLEAK-5401(1).....	3040	CM4034AE.....	4034B	COD1533.....	116	CQ042B.....	123AP	CR08E.....	5529 ♦	CR20U06FY.....	5547
CK13A.....	102A	CL5.....	3040	CM4034AE.....	4034B	COD1534.....	116	CQ043A.....	159	CR08F.....	5529 ♦	CR20U06FY-1.....	5547
CK14.....	100	CL1-5.....	3040	CM4034BE.....	4034B	COD1535.....	116	CQ043B.....	159	CR08G.....	5529 ♦	CR20U05FY.....	5541
CK14A.....	100	CLM05.....	116	CM4035AE.....	4035B	COD1536.....	116	CQ043C.....	159	CR08H.....	5534A ♦	CR20U05FY-1.....	5541
CK16.....	100	CLM10.....	116	CM4036AE.....	4036B	COD1537.....	125	CQ043D.....	159	CR09D.....	5534A ♦	CR24M01FY.....	5542
CK16A.....	100	CLR2050.....	3032	CM4038AE.....	4038B	COD1538.....	125	CQ048G.....	229	CR09E.....	5534A ♦	CR24M01FY-1.....	5542
CK17.....	100	CLR2060.....	3036	CM4040AE.....	4040B	COD1551.....	116	CQ055.....	123AP	CR09F.....	5534A ♦	CR24M02FY.....	5543
CK17A.....	100	CLR2081.....	3036	CM4041AE.....	4041	COD1552.....	116	CQ074.....	123AP	CR09G.....	5534A ♦	CR24M02FY-1.....	5543
CK22.....	102A	CLR2190.....	3036	CM4044.....	4044B	COD1553.....	116	CQ074M.....	123AP	CR03030311.....	290A	CR24M03FY.....	5545
CK22A.....	102A	CM.....	113A	CM4046.....	980	COD1554.....	116	CR074M(C075 123AP + 1590P).....	107	CR03040322.....	382	CR24M04FY.....	5545
CK22B.....	102A	CM02H.....	5584 ♦	CM4047AE.....	4047B	COD1555.....	116	CQ074N.....	123AP	CR03040493.....	85	CR24M04FY-1.....	5545
CK22C.....	102A	CM02J.....	5584 ♦	CM4048AE.....	4048B	COD1556.....	116	CQ074O.....	123AP	CR03040580.....	199	CR24M05FY.....	5547
CK25.....	100	CM02K.....	5584 ♦	CM4049AE.....	4049	COD1611.....	116	CQ075.....	159	CR03050200.....	184 ♦	CR24M05FY-1.....	5547
CK25A.....	100	CM02L.....	5584 ♦	CM4050AE.....	4050B	COD1612.....	116	CQ075H.....	159	CR03060812.....	289	CR24M06FY.....	5547
CK26.....	100	CM02W.....	5584 ♦	CM4053.....	4053B	COD1613.....	116	CQ075M.....	159	CR03060909.....	519	CR24M06FY-1.....	5547
CK26A.....	100	CM02X.....	5584 ♦	CM4063.....	4063B	COD1614.....	116	CQ075N.....	159	CR03060920.....	116	CR24M05FY.....	5541
CK27.....	100	CM03MC14011CP.....	4011B	CM4066.....	4066B	COD1615.....	116	CQ095F.....	229	CR03060923.....	116	CR24M05FY.....	5541
CK27A.....	100	CM04C.....	5580 ♦	CM4066AE.....									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
CR106C1	5457	CS20-4R	5527	CS1226H	108	CS1453E	123A	CS-2083H	123AP	CS6229F	123A	CS-9104	123A
CR108D1	5457	CS20-5R	5529	CS1227	108	CS1453F	128	CS2083H	123AP	CS6229G	123A	CS9124B1	108
CR106F1	5453	CS20-6N	5529	CS1227D	108	CS1453G	128	CS2142	193	CS7228G	129	CS9124-C2	108
CR106Y1	5452	CS20-6R	5529	CS1227E	108	CS1460E	161	CS-2143	192	CS7229F	128	CS-9125B	123A
CR107A1	5454	CS25-02N	5521	CS1227F	108	CS1460H	161	CS2218	123A	CS7229G	123A	CS9125B-1	108
CR107B1	5455	CS25-02R	5521	CS1227G	108	CS1461J	161	CS2219	123A	CS8050	297	CS9126	123A
CR107C1	5457	CS25-05N	5521	CS1228	159	CS1461X	161	CS2221	123A	CS8204	1648	CS9128-B2	159
CR107D1	5457	CS25-05R	5521	CS1228E	159	CS1462F	161	CS2222	123A	CS8204K	1648	CS9129	159
CR107F1	5453	CS25-1N	5522	CS1229	123A	CS1462I	128	CS2369	123A	CS8205	1649	CS9129B1	159
CR107Y1	5452	CS25-1R	5522	CS1229A	123A	CS1463A	123A	CS2481	123A	CS8205K	1649	CS9129B2	159
CR122A	5462	CS25-2N	5524	CS1229B	123A	CS1464H	128	CS2484	128	CS8550C	294	CS9129B3	159
CR122B	5463	CS25-2R	5524	CS1229C	123A	CS1465H	129	CS2711	123A	CS9001	108	CS9129B4	159
CR122C	5466	CS25-3R	5527	CS1229D	123A	CS1508G	108	CS2712	123A	CS9011	123A	CS9129B5	159
CR122D	5465	CS25-4N	5527	CS1229E	123A	CS1509E	108	CS2713	123A	CS9011	123A	CS9600-4	123A
CR122E	5466	CS25-4R	5527	CS1229F	123A	CS1509F	108	CS2714	123A	CS9011/3490	123A	CS9600-5	123A
CR122F	5461	CS25-6N	5529	CS1229G	123A	CS1518E	108	CS2715	161	CS9011D	123A	CS9600-6	123A
CR122M	5466	CS25-6R	5529	CS1229H	123A	CS1555	108	CS2716	161	CS9011E	123A	CS9600-7	123A
CR122N	5468	CS25-7R	5531	CS1229K	128	CS1585	123A	CS2917	995	CS9011F	123A	CS9600-8	123A
CR150F-4	5587	CS25-8N	5531	CS1235C	123A	CS1585E/F	123A	CS2917-8	995M	CS9011G	123A	CS9600-9	123A
CR150F-6	5587	CS25-8R	5531	CS1235E	123A	CS1585G	123A	CS2917-B8	995M	CS9011H	123A	CS9600-10	123A
CR150F-8	5587	CS35-02N	5541	CS1235F	123A	CS1585H	107	CS2917-D8	995M	CS9011I	123A	CS9600-11	123A
CR150F-10	5587	CS35-02R	5541	CS1235G	123A	CS1585I	161	CS2922	123A	CS9011J	123A	CS9600-12	123A
CR150F-12	5587	CS35-05N	5541	CS1236D	123A	CS1585J	161	CS2923	123A	CS9011K	123A	CS9600-13	123A
CR150F-16	5589	CS35-05R	5541	CS1236H	123A	CS1585K	161	CS2924	123A	CS9011L	123A	CS9600-14	123A
CR150F-20	5589	CS35-1N	5542	CS1237	129	CS1591E	128	CS2925	123A	CS9012	159	CS9600-15	123A
CR150F-24	5589	CS35-1R	5542	CS1238	108	CS1594E	161	CS3001B	108	CS9012/3490	159	CS9600-16	123A
CR203A	5402	CS35-1.5R	5543	CS1238F	123A	CS1596E	161	CS3024	172A	CS9012E	159	CS9600-17	123A
CR203B	5404	CS35-2N	5543	CS1238G	108	CS1609F	128	CS3082	223	CS9012F	159	CS9600-18	123A
CR203C	5405	CS35-2R	5543	CS1238H	108	CS1613	128	CS3300	123A	CS9012G	159	CS9600-19	123A
CR203D	5405	CS35-2.5R	5545	CS1238I	108	CS1625	123A	CS3391	123A	CS9012H	159	CS9600-20	123A
CR203E	5406	CS35-4N	5545	CS1238P	123A	CS1627	159	CS3391A	123A	CS9012I	159	CS9600-21	123A
CR203F	5406	CS35-4R	5545	CS1243E	108	CS1659BC	123AP	CS3392	123A	CS9012J	159	CS9600-22	123A
CR203G	5400	CS35-6N	5547	CS1243H	108	CS1661	108	CS3393	123A	CS9012K	159	CS9600-23	123A
CR203YY	5401	CS35-6R	5547	CS1244H	108	CS1665	128	CS3394	123A	CS9012L	159	CS9600-24	123A
CR250J-4	5587	CS50-600	5568	CS1244J	108	CS1665	123A	CS3395	123A	CS9012M	159	CS9600-25	123A
CR250J-6	5587	CS50-800	5569	CS1244X	108	CS1676	128	CS3396	123A	CS9012N	159	CS9600-26	123A
CR250J-8	5587	CS50-1000	5569	CS1245F	123A	CS1676LC	128	CS3397	123A	CS9012O	159	CS9600-27	123A
CR250J-10	5587	CS50-1200	5569	CS1245G	123A	CS1677	128	CS3398	123A	CS9012P	159	CS9600-28	123A
CR250J-12	5587	CS93-1007	175	CS1245H	123A	CS1677LC	128	CS3402	123A	CS9012Q	159	CS9600-29	123A
CR250J-16	5589	CS131A	6354	CS1245I	123A	CS1711	128	CS3403	123A	CS9012R	159	CS9600-30	123A
CR250J-20	5589	CS131AR	6355	CS1245T	123A	CS1758	159	CS3404	123A	CS9012S	159	CS9600-31	123A
CR250J-24	5589	CS131AZ	6354	CS1248	128	CS1759	103A	CS3405	123A	CS9012T	159	CS9600-32	123A
CR400A-4	5587	CS131AZR	6355	CS1248I	128	CS1774	123AP	CS3406	123A	CS9012U	159	CS9600-33	123A
CR400A-6	5587	CS131B	6354	CS1248T	128	CS1834	108	CS3407	123A	CS9012V	159	CS9600-34	123A
CR400A-8	5587	CS131BR	6355	CS1250E	128	CS1893	128	CS3415	123A	CS9012W	159	CS9600-35	123A
CR400A-10	5587	CS131C	6354	CS1250F	128	CS1909B	293	CS3416	123A	CS9012X	159	CS9600-36	123A
CR400A-12	5587	CS131CH	6355	CS1251E	159	CS1910B	294	CS3417	123A	CS9012Y	159	CS9600-37	123A
CR400A-16	5589	CS131D(Axial)	116	CS1251F	159	CS1910C	128	CS3418	123A	CS9012Z	159	CS9600-38	123A
CR400A-20	5589	CS131D(Stud)	6354	CS1252E	108	CS2001	123A	CS3419	123A	CS9013	159	CS9600-39	123A
CR400A-24	5589	CS131DR	6355	CS1252C	108	CS2001C	123AP	CS3420	123A	CS9013A	159	CS9600-40	123A
CR501/6515	116(2)	CS131E	6356	CS1255H	128	CS2001D	123AP	CS3421	123A	CS9013B	159	CS9600-41	123A
CR1034	116	CS131F	6356	CS1255HF	193	CS2001E	123AP	CS3422	123A	CS9013C	159	CS9600-42	123A
CR1035	116	CS131Z	6354	CS1256H	128	CS2001F	123AP	CS3423	123A	CS9013D	159	CS9600-43	123A
CR32077-1	358	CS183E	123	CS1256HG	192	CS2001G	123AP	CS3424	123A	CS9013E	159	CS9600-44	123A
CR32077R	358	CS184E	123	CS1257	123A	CS2001H	85	CS3425	123A	CS9013F	159	CS9600-45	123A
CR/AC153MN	158	CS184J	108	CS1258	123A	CS2001I	85	CS3426	123A	CS9013G	159	CS9600-46	123A
CR/E	116	CS189-2	1670	CS1259	123A	CS2001J	123AP	CS3427	123A	CS9013H	159	CS9600-47	123A
CR01C	5524	CS189-3	1670	CS1259A	123A	CS2001K	123AP	CS3428	123A	CS9013I	159	CS9600-48	123A
CR01D	5527	CS189A	1670	CS1284B	161	CS2002	159	CS3429	123A	CS9013J	159	CS9600-49	123A
CR01E	5527	CS360	123A	CS1284F	161	CS2002A	159	CS3430	123A	CS9013K	159	CS9600-50	123A
CR02AM-1	5401	CS429J	108	CS1284G	161	CS2002B	159	CS3431	123A	CS9013L	159	CS9600-51	123A
CR02AM-1	5401	CS430H	108	CS1284H	161	CS2002C	159	CS3432	123A	CS9013M	159	CS9600-52	123A
CR02C	5517	CS460B	123A	CS1284I	161	CS2002D	159	CS3433	123A	CS9013N	159	CS9600-53	123A
CR02D	5517	CS461F	108	CS1289	123A	CS2002E	159	CS3434	123A	CS9013O	159	CS9600-54	123A
CR02E	5518	CS461F	108	CS1293	108	CS2002F	159	CS3435	123A	CS9013P	159	CS9600-55	123A
CRS201	166	CS469F	108	CS1294E	159	CS2002G	159	CS3436	123A	CS9013Q	159	CS9600-56	123A
CRS202	166	CS696	123A	CS1294H	159	CS2002H	159	CS3437	123A	CS9013R	159	CS9600-57	123A
CRS203	167	CS697	123A	CS1295E	123A	CS2002I	159	CS3438	123A	CS9013S	159	CS9600-58	123A
CRS204	168	CS706	123A	CS1295G	123A	CS2003	123AP	CS3439	123A	CS9013T	159	CS9600-59	123A
CRS205	169	CS718	123A	CS1295H	128	CS2003A	123AP	CS3440	123A	CS9013U	159	CS9600-60	123A
CRS206	170	CS718A	123A	CS1298	159	CS2003B	123AP	CS3441	123A	CS9013V	159	CS9600-61	123A
CRS207	170	CS720A	123A	CS1303	159	CS2003C	123AP	CS3442	123A	CS9013W	159	CS9600-62	123A
CR1544	121	CS9012HF	159	CS1305	128	CS2003D	123AP	CS3443	123A	CS9013X	159	CS9600-63	123A
CR1545	121	CS918	108	CS1308	159	CS2003E	123AP	CS3444	123A	CS9013Y	159	CS9600-64	123A
CRT1552	121	CS925M	123A	CS1312G	129	CS2003F	123AP	CS3445	123A	CS9013Z	159	CS9600-65	123A
CRT1553	121	CS929	161	CS1330	161	CS2003G	123AP	CS3446	123A	CS9014	123A	CS9600-66	123A
CRT1602	121	CS930	161	CS1330A	108	CS2003H	123AP	CS3447	123A	CS9014A	123A	CS9600-67	123A
CRT3602A	121	CS936	128	CS1330B	108	CS2003I	123AP	CS3448	123A	CS9014B	123A	CS9600-68	123A
CS08C	5504	CS1014	108	CS1330C	108	CS2003J	123AP	CS3449	123A	CS9014C	123A	CS9600-69	123A
CS08D	5507	CS1014D	108	CS1330D	108	CS2003K	123AP	CS3450	123A	CS9014D	123A	CS9600-70	123A
CS08E	5507	CS1014E	108	CS1330E	108	CS2003L	123AP	CS3451	123A	CS9014E	123A	CS9600-71	123A
CS08F	5509	CS1014F	108	CS1330F	108	CS2003M	123AP	CS3452	123A	CS9014F	123A	CS9600-72	123A
CS08G	5509	CS1014G	161	CS1330G	108	CS2003N	123AP	CS3453	123A	CS9014G	123A	CS9600-73	123A
CS08H	5534A	CS1014H	161	CS1330H	108	CS2003O	123AP	CS3454	123A	CS9014H	123A	CS9600-74	123A
CS08I	5534A	CS1014I	108	CS1330I	123A	CS2003P	123AP	CS3455	123A	CS9014J	123A	CS9600-75	123A
CS08J	5534A	CS1014J	108	CS1330									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
CT1012	107	CTP1733	121	CV04D	5405	CY40	116	D085(TCO)	8085	D4D25	123	D-18	139A
CT1013	107	CTP1735	121	CV04E	5405	CY50	116	D085(Trans)	103A	D4D26	123	D18A12	184
CT1017	158	CTP1736	121	CV12B	5454	CY80	156	D086	160	D4G	502	D18M1	1V010
CT-1087	85	CTP1739	121	CV12C	5455	CY100	125	D087	108	D4H	147A	D18M3	2V010
CT-1090	85	CTP-2001-1001	102A	CV12D	5457	CY/BPY62-2	3032	D088	108	D4J	147A	D19	101
CT-1093	289A	CTP-2001-1002	102A	CV12E	5457	CY/BPY62-II	3032	D090	8090	D4L	125	D20	101
CT-1097	199	CTP-2001-1003	102A	CV425	109	CY/CR02AM-6	5405	D093	109	D4M	121	D21	101
CT-1106	85	CTP-2001-1004	102A	CV442	109	CY/CR05A-8	5405	D096	8096	D4N	141A	D22	101
CT1122	121	CTP-2001-1007	123A	CV832	613	CY/MZ209	5018A	D098	8098	D4P	144A	D22L1	1V014
CT1124	121	CTP-2001-1008	123A	CV834	614	CY/TIC46MN	5404	D0123WX	5652	D4R	109	D22L3	2V014
CT1124A	121	CTP-2001-1009	102A	CV1620	610	CY/UJA/1050G	159	D0250	175	D4R26	116	D23	101
CT1124B	121	CTP-2001-1010	109	CV1624	611	CZ060	5070A	D04027BC	4027B	D4R39	116	D23F130TAL	125
CT1300	108	CTP-2001-1011	116	CV1626	612	CZ062	137A	D010045	109	D4S16	312	D23FDFA05G	552
CT1500	108	CTP-2001-1012	116	CV1634	613	CZ072	5015A	D010090	519	D5	114	D23TDFD05G	552
CT2002	109	CTP-2006-1001	102A	CV1638	614	CZ-072	5015A	D090052	519	D5B	145A	D24	124
CT-2002	109	CTP-2006-1002	102A	CV5007	610	CZ078	5015A	D090120	116	D5E37	6401	D24A3394	108
CT2005	110MP	CTP-2006-1003	102A	CV5010	611	CZ092	139A	D1-2	109	D5E-37	6401	D24B	124
CT2007	109	CTP-2006-1004	109	CV5012	612	CZ-092	139A	D1-7	116	D5E43	6409	D24C	124
CT2008	110MP	CTP2076-1001	102A	CV5022	613	CZ-094	139A	D1-8	139A	D5E-43	6409	D24CK	124
CT-2035	614	CTP2076-1002	102A	CV5033	614	CZ094	5018A	D1-13	147A	D5E44	6401	D24D	124
CT-2040	519	CTP2076-1003	102A	CV204084	289A	CZ68B	5071A	D1-20	177	D5E-44	6401	D24E	124
CT-2056	3007	CTP2076-1004	102A	CV204086	290A	CZ75B	138A	D1-52S	116	D5E45	6409	D24F	124
CT3003	116	CTP2076-1005	102A	CW01B(GAK)	5402	CZ82B	5072A	D1A	123A	D5E-45	6409	D24F00V09G	558
CT3005	116	CTP2076-1006	102A	CW01C(GAK)	5404	CZ91B	139A	D1A(Zener)	5072A	D5G	552	D24K	124
CT3005(Ratio Det.)	110MP	CTP2076-1007	102A	CX0036	109	CZ10B	140A	D1B	113A	D5H	552	D24K1	1V015
CT-3017	116	CTP2076-1008	102A	CX0037	116	CZ11B	5074A	D1C	113A	D5J37	6409	D24K4	2V015
CT-4017	1206	CTP2076-1009	102A	CX0039	116	CZ12B	142A	D1D	125	D5J43	6409	D24KC	124
CT-4021	824	CTP2076-1010	102A	CX0040	116	CZ13B	143A	D1E	116	D5J44	6409	D24KD	124
CT-4022	1154	CTP2076-1011	102A	CX0041	109	CZ14B	144A	D1F	506	D5J45	6409	D24KE	124
CT-4024	950	CTP2076-1012	102A	CX0042	110MP	CZ15B	145A	D1F(Zener)	149A	D5K20	6240#	D24Y	124
CT6776	154	CTP3500	121	CX0047	116	CZ16B	5075A	D1G	139A	D5K20H	6240#	D24YB	124
CTB-23	6085	CTP3503	121	CX0048	116	CZ17B	5076A	D1H	116	D5K20R	6244#	D24YD	124
CTB-24	6085	CTP3504	121	CX0049	116	CZ18B	5077A	D10A243A0	177	D5K20RH	6244#	D24YE	124
CTB-33	6090	CTP3508	121	CX0050	135A	CZ19B	5078A	D10A243AC	177	D5LCA20	6240#	D24YF	124
CTB-33S	6090	CTP3544	179	CX0051	140A	CZ20B	5079A	D1J	116	D5R35	116	D24YK	124
CTB-34	6090	CTP3545	179	CX-0055	177	CZ22B	5080A	D1K	125	D5R39	116	D24YLC	124
CTB-34S	6090	CTP3552	179	CX-064	1311	CZ24B	5081A	D1K40	552	D5V	177	D24YLD	124
CTC-TX50	318	CTP3553	179	CX064	1311	CZ25B	5082A	D1L	116	D5W	137A	D24YS	124
CTC-TX100	317	CTR-0001	123A	CX064(1)	1311	CZ27B	146A	D1M	136A	D6	115	D25	116
CTC117B	5132A	CTR-0002	199	CX-064-2	1311	CZ30B	5084A	D1R5GZ61	125	D6C	513	D25A @	B40240 @-116
CTG-11R	6244	CTR-0003	199	CX064-2	1311	CZ33B	147A	D1R5GZ61FA	125	D6HZ	116	D25B @	B40240 @-116
CTG-11S	6240	CTR-0004	123A	CX-065	1300	CZ-92	139A	D1R35	110MP	D6K20	581#	D25C	116
CTG-12R	6244	CTR-0005	152	CX065	1300	CZ142	144A	D1R38	123A	D6K40	581#	D25T5566B0	116
CTG-21R	6244	CTR-0006	315	CX-065A	1300	CZ-142	144A	D1R39	110MP	D6M	5072A	D26	87
CTG-21S	6240	CTR-0007	235	CX065A	1300	CZAJ-102	116	D1R100	558	D6U	5080A	D26A	87
CTG-22R	6244	CTR-0008	294	CX065B	1300	CZD010	140A	D1S	143A	D62	137A	D26B	87
CTG-22S	6240	CTR-0009	177	CX-075	1301	CZD010-5	140A	D1S34	109	D7	115	D26B1	107
CTG-31S	6246	CTR-0010	109	CX075	1301	CZD012-5	142A	D1S1553	177	D7A30	128	D26B2	107
CTG-32S	6246	CTR-0011	139A	CX-075B	1301	CZD014	144A	D1S1554	177	D7A31	128	D26C	87
CTG-12S	6240	CTR-0012	601	CX075B	1301	CZD014-5	144A	D1S1555	177	D7A32	128	D26C1	107
CTL-2S	6240	CTR-0013	116	CX-089	1096	CZD015	145A	D-152473	519	D7E	177	D26C2	107
CTL-11S	6240	CTU-11R	6244	CX089D	1096	CZD015-5	145A	D1S2775-1	552	D7L	5076A	D26C3	107
CTL-12S	6240	CTU-11S	6244	CX-093	712	D000136	156	D1S1333	519	D7LCA20	6240#	D26E2	107
CTL-21S	6240	CTU-12R	6244	CX093	712*	D000149	116	D1T	144A	D7N	614	D26G1	107
CTL-22S	6240	CTU-12S	6240	CX-093D	712*	D000152	116	D1TH61	558	D7S	5072A	D27C1	152
CTL-31S	6246	CTU-20R	6244	CX093D	712*	D000165	125	D1U	5072A	D7Z	177	D27C2	152
CTL-32S	6246	CTU-20S	6240	CX095	1308	D004	116	D1W	146A	D8G	506	D27C3	152
CTN200	116	CTU-21R	6244	CX095A	1308	D006	107	D1Y	107	D8HZ	125	D27C4	152
CTO2C	5492	CTU-21S	6244	CX095C	1308	D008	102A	D1ZBL	145A	D8L	506	D27L1	1V011
CTO2D	5494	CTU-22R	6244	CX-095D	1308	D009	229	D1ZRED	144A	D8LCA20R	6244#	D27L1	2V017
CTO2E	5494	CTU-22S	6240	CX095D	1308	D-00169C	109	D1ZVIO	143A	D8M	506	D28	116
CTO3C	5514	CTU-30S	6246#	CX095E	1308	D-00184R	177	D1ZYEL	145A	D8P	143A	D28-04	580
CTO3D	5515	CTU-31S	6246#	CX100B	1605	D-00549R	109	D1-15-01	116	D8U	5073A	D28-06	580
CTO3E	5489	CTU-31S	6246#	CX100D	1605	D-00569C	109	D2	109	D8V	5073A	D28-08	506
CTO4C	5483	CTZC6.8	4903	CX110	712	D-00369C	139A	D2-1	116	D8R1	139A	D28A1	152
CTO4D	5485	CTZC6.8A	4903	CX-110	712	D-00384R	116	D2-77-1	177	D10B1051	107	D28A2	152
CTO4E	5485	CTZC6.8B	4903	CX130	1603	D-00469R	137A	D2B000RH10	552	D10B1055	107	D28A3	152
CTO4F	5487	CTZC6.8C	4919	CX131	1601	D-00484R	139A	D2B000RU20	552	D10G1051	107	D28A4	152
CTO6B	5482	CTZC13A	4919	CX131A	1601	D-00569C	139A	D2B000RU20	552	D10G1052	107	D28A5	152
CTO6C	5483	CTZC13B	4919	CX133A	1599	D-00569C	109	D2BFMI15MR	116(2)	D10LCA20	6240#	D28A6	152
CTO6D	5465	CTZC18	4927	CX134	1598	D00D	192	D2BFMI15MS	116(2)	D10SC3M	6085	D28A7	152
CTO6E	5465	CTZC18A	4927	CX134A	1598	D01-100	116	D2E	147A	D10SC4M	6085	D28A9	152
CTP461	109	CTZC18B	4927	CX135	1596	D026-2W	5013A	D2F	103	D11	103	D28A10	152
CTP573	109	CTZC20	4929	CX136	1594	D02726W	5013A	D2G-1	141A	D11C1B1	128	D28A12	152
CTP1032	102A	CTZC20A	4929	CX136A	1594	D04A	B40240	D2G-2	141A	D11C3B1	128	D28A13	152
CTP1033	102A	CTZC20B	4929	CX137A	1592	D045	B40240	D2G-3	142A	D11C5B1	128	D28B	171
CTP1034	102A	CTZC20C	4929	CX138	1592	D05	116	D2G-4	142A	D11C7B1	128	D28D1	152
CTP1035	102A	CTZC27A	4935	CX139A	1588	D08A	B40240	D2H	183	D11C8B1	128	D28D2	152
CTP1036	102A	CTZC27B	4935	CX141	1586	D08B	B40240	D2H(Diode)	116	D11C11B1	128	D28D3	152
CTP1104	104	CTZC51	4951	CX143	1582	D010	110MP	D2J	116	D11C201B20	124	D28D4	152
CTP1106	104	CTZC51A	4951	CX143A	1582	D018	102A	D2L0040070	125	D11C203B20	124	D28D5	152
CTP1108	104	CTZC51B	4951	CX145	1584	D018(DIODE)	116	D2L0107006G	552	D11C205B20	124	D28D7	152
CTP1109	104	CTZC68	4959	CX-157	1312	D019	125	D2L1040070	125	D11C207B20	124	D28D10	152
CTP1111	121	CTZC68A	4959	CX157	1312	D020	126A	D2M	502	D11C210B20	124	D28F00BB4C	552
CTP1117	104	CTZC68B	4959	CX158	1313	D021	102A	D2N	503	D11C211B20	124	D28F00BB40	552
CTP1119	104	CTZC200	4989	CX-158	1313	D024	5072A	D2R31	109	D12	130	D29	175
CTP1124	121	CTZC200A	4989	CX161A	1310	D025	123A	D2R38	123A	D12	177	D29-02	580
CTP1133	121	CTZC200B	4989	CX162	1310	D026	126A	D2S4M	586	D12A	B40240	D29-04	580
CTP1135	121	CU01C	5483	CX164A	1302	D028	116	D2X4	116	D12B	B40240	D29-04H2	580
CTP1136	121	CU01D	5485	CX-									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
D30(Diode)	116	D40P2	171	D45C2	378	D73C	87	D118(Trans)	280	D157F	124	D198AR	94
D30(Transistor)	103A	D40P3	171	D45C3	378	D73D	280	D118(TCO)	8118	D157FA	124	D198H	94
D30-0	103A	D40P5	171	D45C4	378	D73E	87	D118BL	280	D157FB	124	D198HQ	94
D30A1	159	D41	130	D45C5	378	D73-O(Korea)	331	D118R	280	D157FC	124	D198HR	94
D30A2	159	D41D1	211	D45C6	378	D73-O(Plastic)	331	D118Y	280	D158	286	D198Q	94
D30A3	159	D41D2	211	D45C7	378	D73R(Korea)	331	D119	280	D158A	286	D198R	94
D30A4	159	D41D3	211	D45C8	378	D73R(Plastic)	331	D119BL	280	D158B	286	D198S	94
D30A5	159	D41D5	211	D45C9	378	D74	87	D119R	280	D158C	286	D198V	94
D30G	103A	D41D7	211	D45C10	378	D74A	87	D119Y	280	D158F	286	D199	164
D30H	103	D41D8	211	D45C11	378	D74B	87	D120	324	D158FA	286	D200	389
D30-N	103A	D41D10	211	D45C12	378	D74C	87	D120A	324	D158FB	286	D200-4A	389
D31	103A	D41D11	211	D45C2	116	D74D	87	D120B	324	D158FC	286	D200A	389
D31D	103A	D41D13	211	D45D1	262	D74E	87	D120C	324	D159	286	D201	87
D32(Diac)	6408	D41D14	211	D45D2	262	D74LS01ST	74LS01	D120H	324	D159A	286	D201(O)	87
D32(Transistor)	103A	D41E1	50	D45D3	262	D75	103A	D120HA	324	D159B	286	D201M	87
D33	103A	D41E5	50	D45D4	262	D75A	103A	D120HB	324	D159C	286	D201MO	87
D33C	103A	D41E7	50	D45D5	262	D75AH	103A	D120HC	324	D159F	286	D201M-O	87
D33D21	297	D41K1	269	D45D6	262	D75B	103A	D120K1	1V075	D159FA	286	D201MV	87
D33D21J1	192A	D41K2	269	D45E1	264	D75C	103A	D120K6	2V075	D159FB	286	D201MY	87
D33D22	297	D41K3	269	D45E2	264	D75H	103A	D121	282S	D159FC	286	D201M-Y	87
D33D22J1	192A	D41K4	269	D45E3	264	D77(Transistor)	103A	D121A	282S	D160	107	D201O	87
D33D24	297	D42C1	177	D45H1	378	D77(Diode)	282S	D121B	282S	D161	328	D201Q	87
D33D24J1	192	D42C2	186	D45H2	378	D77A	103A	D121H	282S	D162	103A	D201Y	87
D33D25	297	D42C3	186	D45H3	378	D77AH	103A	D121HA	282S	D163	130	D202	87
D33D25J1	192A	D42C4	186	D45H4	378	D77B	103A	D121HB	282S	D164	130	D203	87
D33D26	297	D42C5	186	D45H5	378	D77C	103A	D124	87	D165	385	D204	128
D33D26J1	192A	D42C6	186	D45H6	378	D77D	103A	D124(Transistor)	280	D166	385	D204L	128
D33D27	297	D42C7	186	D45H7	378	D77H	103A	D124(Rect.)	116(4)	D167(TCO)	8167	D205	427/128
D33D27J1	192A	D42C8	186	D45H8	378	D77P	103A	D124A	87	D167(Trans)	103A	D206	284
D33D28	123A	D42C9	186	D45H9	378	D78	282S	D124AH	87	D170	103A	D211	130
D33D29	297	D42D1	261	D45H10	378	D78A	282S	D124AHA	87	D170A	103A	D211-0	130
D33D29J1	192A	D43	103A	D45H11	378	D78B	282S	D124AHB	87	D170AA	103A	D211M	130
D33D30	297	D43A	103A	D45H12	378	D78C	282S	D124B	280	D170AB	103A	D211-O	130
D33D30J1	192A	D43C1	187	D45VM1	378	D78D	282S	D125(Trans)	8125	D170C	103A	D211Y	130
D33D34J1	192A	D43C2	187	D45VM4	378	D79	427/282S	D125(TCO)	8125	D170B	103A	D212	130
D33K1	1V020	D43C3	187	D45VM7	378	D79A	427/282S	D125A	87	D170BC	103A	D213(TCO)	8213
D33K5	2V020	D43C4	187	D45VM10	378	D79B	427/282S	D125AH	87	D170C	103A	D213(Trans)	280
D34	103A	D43C5	187	D46	162	D79C	427/282S	D125AHA	87	D170FB	103A	D214	130
D35	103A	D43C6	187	D47	328	D79D	427/282S	D125AHB	87	D171	283	D215	128
D36	103A	D43C7	187	D47K1	1V030	D80	87	D126	87	D172	130	D215-1	519
D37	103A	D43C8	187	D47K7	2V030	D81	87	D126-2A	8125	D172A	130	D215F	128
D37A	103A	D43C9	187	D48	116	D82	87	D126-3A	8125	D172B	130	D215FA	128
D37B	103A	D43D1	262	D49	291	D82K2	1V050	D126-4A	8125	D172C	130	D215FB	128
D37C	103A	D44	103A	D50	87	D83	87	D126-5A	8125	D172-F	506	D215FC	128
D38	103A	D44C1	377	D51	87	D84	87	D126A	87	D173	160	D216	128
D38H1	123AP	D44C2	377	D51A	87	D84BK2	2382	D126AH	87	D173A	130	D216F	128
D38H2	123AP	D44C3	377	D52	87	D84BL2	2382	D126AHA	87	D173B	130	D216FA	128
D38H3	123AP	D44C4	377	D52A	87	D84CL2	2382	D126AHB	87	D173C	130	D216FB	128
D38H4	194	D44C5	377	D53	87	D84CM2	2382	D126H	87	D174	160	D216FC	128
D38H5	194	D44C6	377	D53A	87	D84CM2	2388	D126HA	87	D174F	130	D217	87
D38H6	194	D44C7	377	D55	181	D84CN2	2388	D126HB	87	D174FA	130	D217E	280
D38H7	194	D44C8B	377	D55A	181	D84DK2	2388	D127	103A	D174G	130	D217F	280
D38H8	194	D44C9	377	D56	277S	D84DL2	2388	D127A	103A	D174H	130	D217G	280
D38H9	194	D44C10	377	D56C	1V035	D84K12	2V050	D128	103A	D175	130	D217M	280
D38L1	46	D44C11	377	D56K8	2V035	D85C	125	D128A	103A	D175B	130	D218	87
D38L2	46	D44C12	377	D56W1	165	D86DR1	2388	D129	175	D175F	130	D218K	87
D38L3	46	D44C8B	186	D56W2	165	D86DR2	2386	D129BL	175	D175FA	130	D218M	87
D38L4	46	D44C9B	377	D57	175	D88A	87	D129Y	175	D175FB	130	D218S	87
D38L5	46	D44D1	261	D58	175	D90	152	D130	175	D175M	130	D219	128
D38L6	46	D44D2	261	D59	162	D91	152	D130-2A	8125	D176	130A	D219F	427/128
D38S1	123AP	D44D3	261	D60	162	D91F	152	D130-4A	8125	D177M	328	D220	116
D38S5	123AP	D44D4	261	D62	103A	D92	291	D130-4A	8125	D178	103A	D220-1M	515
D38S8	123AP	D44D5	261	D63	103A	D92D	291	D130BL	175	D178A	103A	D220-1N	515
D38S9	123AP	D44D6	261	D64	103A	D92T0360B0	5037A	D130GMA010	519	D178A	103A	D220F	427/128
D38V1	287	D44E1	263	D64DS5	99	D93	375	D130-R	175	D178Q	103A	D220M	116
D38V2	287	D44E2	263	D64DV5	99	D93T01100V	5020A	D130-Y	175	D178T	103A	D221	128
D38V3	287	D44E3	263	D64EVS	99	D93T01200Y	5021T1	D133(Chan.Master)	108	D180	87	D221F	427/128
D38W7	194	D44H1	377	D64EV5	99	D93T02700Y	5033A	D134	126A	D180A	87	D222	427/324
D38W8	194	D44H2	377	D64VE3	385	D93T03000Y	5035A	D134(Chan. Master)	102A	D180B	87	D223	427/324
D38W12	194	D44H3	377	D64VE4	385	D94	375	D134	102A	D180C	87	D224	427/324
D39J1	159	D44H4	377	D64VP3	385	D94B	103A	D139	8139	D180D	87	D226(TCO)	8226
D39J2	159	D44H5	377	D64VP4	385	D98-1.5A	8098	D141	152	D180K	87	D226(Trans)	175
D39J3	159	D44H7	377	D64VP5	386	D98-3A	8098	D141(Chan.Master)	108	D180K10	2V115	D226-0	175
D39J4	159	D44H8	377	D64VS3	386	D100	116	D141H01	152	D180L	87	D226A	175
D39J5	159	D44H9	377	D64VS4	386	D100A	103A	D141H9Z	152	D180M	87	D226AQ	175
D39J6	159	D44H10	377	D64VS5	386	D100K3	1V060	D142	175	D180N	87	D226AP	175
D39J7	383	D44I1	51	D65	126A	D100K15	2V060	D142(M)	175	D181(Trans)	385	D226AQ	175
D39J8	383	D44Q1	51	D65-1	103A	D101	101	D142M	175	D181(TCO)	8181	D226AR	175
D39J9	383	D44Q2	51	D65C	116	D101B	102A	D143	175	D181A	385	D226B	175
D39K1	1V025	D44Q3	51	D66	126A	D102	175	D144	175	D186	103A	D226BO	175
D39K6	2V025	D44Q4	51	D67	280	D102-0	175	D144S	116	D186A	103A	D226BP	175
D39V1	288	D44Q5	51	D67B	280	D102-R	175	D145	175	D186B	103A	D226BQ	175
D39V2	288	D44Q6	51	D67C	280	D102-Y	175	D145-2A	8149	D187	103A	D226BR	175
D39V3	288	D44R1	198	D67D	280	D103(TCO)	8103	D145-3A	8149	D187A	103A	D226P	175
D40A	B40240	D44R2	198	D67E	280	D103(Trans)	175	D145-4A	8149	D187R	103A	D226Q	175
D40B	B40240	D44R3	198	D68	130	D103-0	175	D145-5A	8149	D187Y	103A	D226R	175
D40C1	265	D44R4	198	D68K2	1V040	D103-R	175	D146	226	D188	87	D227	85
D40C1U	265	D44R5	198	D68K10	2V040	D103-Y	175	D146UK	130	D188A	87	D227(Diode) (ECB)	123AP
D40C2	265	D44R6	198	D69	130	D104	103A	D149(TCO)	8149	D188B	87	D227(Diode)	116
D40C3	267	D44T1	51	D70	175	D105	103A	D149(Trans)	128	D188C	87	D227(Korea)	123AP
D40C4	265	D44T2	51	D70G.05T1	2430	D105B	102A	D150	175	D188L	280	D227A	85
D40C5	265	D44T3	51	D70G.05T1A1	2430	D105C	125	D150K1	1V095	D188M	87	D227B	85
D40C7	265	D44T4	51	D70G.05T1A2	2430	D108(TCO)	8108	D150K8	2V095	D188S	280	D227C	85
D40C8	266	D44T5	51	D70Y.8T1	2428	D108(Rect)	125	D151	328	D189	280	D227D	85
D40D1	210	D44T6	51	D70Y.8T1A3	2428	D110	280	D152	375	D189A	280	D227E	85
D40D2	210	D44T7	51	D71	175	D110-0	280	D152(RF Pwr)	195A	D189AO	280	D227F	85
D40D3	210	D44T8	51	D71G.05T1	2431	D110-2A	8115	D152(Chan.Master)	195A	D189AP	2		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
D228E	289A	D312	164	D352B	103A	D387AD	375	D425O	280	D564M	193	D619	306
D229V	389	D313(Transistor)	152	D352C	103A	D387AE	375	D426	280	D565	97	D621(TRANS)	62
D230A	552	D313(Zener)	135A	D352D	103A	D387AF	375	D426O	280	D566	197	D622	384
D230DFA05G	552	D313C	152	D352E	103A	D387AS	375	D426R	280	D568K	196	D624	154
D231	181	D313D	152	D352F	103A	D387C	375	D427	280	D568L	196	D625	228A
D232	181	D313-E	152	D352G	103A	D387D	375	D427O	280	D568M	196	D627	389
D233	128	D313E	152	D352H	103A	D387E	375	D427R	280	D569	196	D628	247
D234	152	D313F	152	D352I	103A	D387F	375	D428	87	D569K	196	D629H	247
D234-O	152	D313HP(Trans)	152	D352J	103A	D388	87	D431-F	506	D569L	196	D629	247
D234-O	152	D313M	152	D352L	103A	D388Q	280	D437W	385	D569M	196	D629H	247
D234-R	152	D313RA(Trans)	152	D352R	103A	D388R	280	D438	382	D570	196	D632	94
D234R	152	D313RAD(Trans)	152	D352S	103A	D388S	280	D438D	382	D570P	196	D632P	389
D234-Y	152	D313RAE(Trans)	152	D352T	103A	D389	152	D438E	382	D570Q	196	D632Q	389
D235	152	D314	152	D352V	103A	D389-O	152	D438F	382	D570R	196	D632R	389
D235-O	152	D314C	152	D353	162	D389A	196	D439	373	D571	293	D633	261
D235D	152	D314D	152	D355(BCE)	293	D389AF	196	D439D	373	D571K	293	D634	261
D235G	152	D314E	152	D355C(BCE)	293	D389AF-O	152	D439E	373	D571L	293	D635	261
D235GR	152	D314F	291	D355D(BCE)	293	D389AF-O	196	D439F	373	D571M	293	D636(Trans)	16
D235LB	152	D315	152	D355E(BCE)	293	D389AF-P	196	D439G	283	D571S	389	D636QR(Trans)	16
D235LBV	152	D315C	152	D356	291	D389AFP	152	D458R	283	D576	154	D636QRS(Trans)	16
D235-O	152	D315D	152	D356C	291	D389AO	196	D459	263	D577	165	D636R	16
D235O	152	D316	280	D356D	291	D389AP	196	D463	243	D582	284	D636RP(Trans)	16
D235-R	152	D317	152	D356E	291	D389B	196	D463A	284	D587	380	D637	16
D235R	152	D317A	396	D357C	291	D389B	196	D467A	85	D586	380	D637(Trans)	16
D235T	152	D317AO	396	D357D	291	D389BL	152	D467AC	85	D586Q	380	D637CR(Trans)	16
D235Y	235	D317AP	396	D358	291	D389BLB	152	D467B	85	D586R	380	D637P(Trans)	16
D235-Y	152	D317AQ	396	D358C	291	D389BLB-O	152	D467C	85	D586S	380	D637PQ(Trans)	16
D236(Transistor)	175	D317E	152	D358D	152	D389BLB-OP	152	D467D	85	D587	380	D637PQR(Trans)	16
D236(Transistor)	175	D317F	152	D359	152	D389BLB-P	152	D468	293	D587A	380	D637Q	16
D236(Transistor)	175	D317G	396	D359C	152	D389BP	152	D468A	293	D587AQ	380	D637QR(Trans)	16
D237	175	D317H	396	D359D	152	D389BQ	152	D468B	287	D587AR	380	D637QRS(Trans)	16
D238	175	D318	152	D359E	152	D389BQ	152	D468C	287	D587AS	380	D637RS(Trans)	16
D238F	175	D318A	396	D359D2	152	D389BQ	152	D468D	287	D587R	380	D637S	16
D241	8242	D318AO	396	D360	152	D389-O	152	D469	380	D587S	380	D638(Trans)	18
D242(Trans)	196	D318AP	396	D360C	152	D389-OP	152	D470	380	D588	380	D638Q	18
D243	291	D318AQ	396	D360D	152	D389Q	152	D470A	321	D588A	380	D638R	18
D244	389	D318B	396	D360E	152	D389Q	196	D471	293	D588B	380	D638S(Trans)	18
D249	181	D319	284	D360F	152	D389Q	196	D471K	293	D588S	380	D639(Trans)	18
D250	286	D319P	284	D361C	152	D389Q	196	D471KA(Trans)	293	D591	199	D639P(Trans)	18
D251	286	D319Q	284	D361D	152	D389Q	196	D471L	293	D591R	199	D639Q(Trans)	18
D254	175	D319R	284	D362N(Plastic)	54	D389Q	196	D471LA(Trans)	293	D592	199	D639S(Trans)	18
D255	175	D319R	284	D362P(Plastic)	379	D389Q	196	D471M	293	D592A(Trans)	293	D640	283
D256	175	D320	162	D363(Plastic)	379	D389Q	196	D471P(Trans)	293	D592AQ(Trans)	293	D641	386
D257	196	D320A	162	D363A	196	D389Q	196	D471R(Trans)	293	D592AR(Trans)	293	D642	165
D258	291	D320F	173BP	D363B	196	D389Q	196	D471S(Trans)	293	D592B(Trans)	293	D643	165
D-258	224	D321	283	D363C	196	D389Q	196	D471T(Trans)	293	D592C(Trans)	293	D644	165
D259	124	D322	280	D363D	196	D389Q	196	D471U(Trans)	293	D592D(Trans)	293	D645	165
D261	192A	D322A	280	D363E	152	D389Q	196	D471V(Trans)	293	D592E(Trans)	293	D646	165
D261(Korea)	123AP	D322B	280	D363F	152	D389Q	196	D471W(Trans)	293	D592F(Trans)	293	D647	165
D261A	192A	D322C	280	D363G	152	D389Q	196	D471X(Trans)	293	D592G(Trans)	293	D648	165
D261B	192A	D323	280	D363H	152	D389Q	196	D471Y(Trans)	293	D592H(Trans)	293	D649	165
D261C	192A	D323A	280	D363I	152	D389Q	196	D471Z(Trans)	293	D592I(Trans)	293	D650	165
D261D	192A	D323B	280	D363J	152	D389Q	196	D472	249	D592J(Trans)	293	D651	165
D261E	192A	D323C	280	D363K	152	D389Q	196	D473H	249	D592K(Trans)	293	D652	165
D261F	192A	D324	124	D363L	152	D389Q	196	D473I	249	D592L(Trans)	293	D653	165
D261G(Korea)	123AP	D324Q	124	D363M	152	D389Q	196	D473J	249	D592M(Trans)	293	D654	165
D261H	192A	D324R	124	D363N	152	D389Q	196	D473K	249	D592N(Trans)	293	D655	165
D261I(Korea)	123AP	D325	152	D363O	152	D389Q	196	D473L	249	D592O(Trans)	293	D656	165
D261P	192A	D325E2	152	D363P	152	D389Q	196	D473M	249	D592P(Trans)	293	D657	162
D261R	192A	D325C	152	D363Q	152	D389Q	196	D473N	249	D592Q(Trans)	293	D658	162
D261R(Korea)	123AP	D325D	152	D363R	152	D389Q	196	D473O	249	D592R(Trans)	293	D659	162
D261S	192A	D325E	152	D363S	152	D389Q	196	D473P	249	D592S(Trans)	293	D660	162
D261V	192A	D325E1	152	D363T	152	D389Q	196	D473Q	249	D592T(Trans)	293	D661	162
D261W	192A	D325EZ	152	D363U	152	D389Q	196	D473R	249	D592U(Trans)	293	D662	162
D261Y(Korea)	123AP	D326	277F	D363V	152	D389Q	196	D473S	249	D592V(Trans)	293	D663	162
D283	162	D327	85	D363W	152	D389Q	196	D473T	249	D592W(Trans)	293	D664	162
D284	384	D327A	85	D363X	152	D389Q	196	D473U	249	D592X(Trans)	293	D665	162
D285	162	D327B	85	D363Y	152	D389Q	196	D473V	249	D592Y(Trans)	293	D666	162
D286	109	D327C	85	D363Z	152	D389Q	196	D473W	249	D592Z(Trans)	293	D667	162
D286D	198	D327D	85	D364	152	D389Q	196	D473X	249	D592A(Trans)	293	D668	162
D287	284	D327E	85	D370	280	D389Q	196	D473Y	249	D592B(Trans)	293	D669	162
D287A	284	D327F	85	D371	87	D389Q	196	D473Z	249	D592C(Trans)	293	D670	162
D287AQ	284	D327-P	85	D371-O	284	D389Q	196	D474	249	D592D(Trans)	293	D671	162
D287AR	284	D327-Q	85	D371-R	284	D389Q	196	D475	249	D592E(Trans)	293	D672	162
D287AS	284	D327-R	85	D371-Y	284	D389Q	196	D476	249	D592F(Trans)	293	D673	162
D287B	284	D327-S	85	D372BL	123A	D389Q	196	D477	249	D592G(Trans)	293	D674	162
D287BQ	284	D327V	85	D375	328	D389Q	196	D478	249	D592H(Trans)	293	D675	162
D287BR	284	D327-W	85	D376	385	D389Q	196	D479	249	D592I(Trans)	293	D676	162
D287BS	284	D327Y	85	D376A	385	D389Q	196	D480	249	D592J(Trans)	293	D677	162
D287C	284	D328	123A	D377	385	D389Q	196	D481	249	D592K(Trans)	293	D678	162
D287CQ	284	D328S	128	D379	280	D389Q	196	D482	249	D592L(Trans)	293	D679	162
D287CR	284	D329	396	D379P	280	D389Q	196	D483	249	D592M(Trans)	293	D680	162
D287CS	284	D330	152	D379Q	280	D389Q	196	D484	249	D592N(Trans)	293	D681	162
D288	196	D330C	152	D379R	280	D389Q	196	D485	249	D592O(Trans)	293	D682	162
D288(Korea)	241	D330D	152	D379S	280	D389Q	196	D486	249	D592P(Trans)	293	D683	162
D288A	196	D330E	152	D380	165	D389Q	196	D487	249	D592Q(Trans)	293	D684	162
D288B	196	D331	152	D380A	165	D389Q	196	D488	249	D592R(Trans)	293	D685	162
D288C	196	D331C	152	D381	291	D389Q	196	D489	249	D592S(Trans)	293	D686	162
D288K	196	D331D(Trans)	152	D381A	291	D389Q	196	D490	249	D592T(Trans)	293	D687	162
D288L	196	D331E	152	D381K	291	D389Q	196	D491	249	D592U(Trans)	293	D688	162
D288M	196	D331F	152	D381L	291	D389Q	196	D492	249	D592V(Trans)	293	D689	162
D288R(Korea)	241	D332	87	D381M	291	D389Q	196	D493	249	D592W(Trans)	293	D690	162
D289	196	D332C	280	D381N	291	D389Q	196	D494	249	D592X(Trans)	293	D691	162
D289A	196	D332D	280	D382	152	D389Q	196	D495	249	D592Y(Trans)	293	D692	162
D289B	196	D332E	280	D382K	291	D389Q	196	D496	249	D592Z(Trans)	293	D693	162
D289C	196	D334	280	D382L	291	D389Q	196	D497	249	D593	293	D694	162
D289K	196	D334A	280	D382LM	152	D389Q	196	D498	249	D594	293	D695	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
D676C	284	D750Q(Trans)	284	D812Q(Trans)	54	D866Q(Trans)	54	D946AP	253	D1032R(Trans)	390	D1199R	16
D677(Trans)	53	D754	123AP	D812R(Trans)	54	D866R(Trans)	54	D946P	253	D1041	1013	D1200	184#
D678	261	D754B	123AP	D813(Trans)	2406	D867	280	D947	253	D1044(Trans)	270	D1200P	184#
D678A	261	D754C	123AP	D813P(Trans)	2406	D868	89	D947(Trans)	253#	D1044-O	215	D1201	53
D679	261	D755	90	D813Q(Trans)	2406	D869	89	D950	389	D1044-P	215	D1201(MOV)	1V075
D679A	261	D756	90	D813R(Trans)	2406	D869B(Trans)	89	D950Q	389	D1044Q(Trans)	270	D1201A	125
D686	37	D756A	90#	D814(Trans)	2410	D869FA(Trans)	89	D951	389	D1046(Trans)	36	D1201B	125
D687	261	D756E	90	D814Q(Trans)	2410	D869-L(Trans)	89	D951Q(Trans)	389	D1046D(Trans)	36	D1201D	125
D689	291	D756G	90	D814R(Trans)	2410	D869S	89	D952	389	D1046E(Trans)	36	D1201F	116
D690	384	D759	375	D814S(Trans)	2410	D870	165	D953	165	D1047(Trans)	36	D1201M	125
D690-O	384	D759A	375	D818	389	D870A	89	D956	89	D1047D(Trans)	36	D1201N	125
D691	261	D759B	375	D819	389	D870FA(Trans)	89	D957	36	D1047-E	36	D1201P	125
D691P(Trans)	247	D759C	375	D820	165	D870Z(Trans)	89	D957-03(Trans)	89	D1048(Trans)	2406	D1202	B40240
D691Q(Trans)	247	D759D	375	D820-1(Trans)	165	D871	89	D957A(Trans)	89	D1048X6(Trans)	2406	D1202(Trans)	53
D692(Trans)	261	D760(Trans)	375	D821	165	D871Z(Trans)	89	D957A-03(Trans)	89	D1049	392	D1202A	B40240
D692P(Trans)	261	D761	375#	D822	165	D872	379	D958S	90	D1052(Trans)	56	D1203(Trans)	53
D692Q(Trans)	261	D761C	375#	D823	379	D873	388	D958T	90	D1052A(Trans)	56	D1204(Trans)	53
D696S	13	D761D	375#	D824A	92	D874(Trans)	2428	D958U	90	D1052FA(Trans)	56	D1206(Trans)	16#
D704	377	D761E	375#	D824AB	92	D874A(Trans)	2428	D959(Trans)	54	D1054(Trans)	52	D1206P	16#
D704D	377	D761VR	375#	D824AC	92	D874AQ(Trans)	2428	D959Q(Trans)	54	D1055(Trans)	293#	D1206Q	16#
D704E	377	D761VRD	375#	D825A	92	D874AR(Trans)	2428	D959R(Trans)	54	D1055(Trans)	20#	D1206R	16#
D710A(Trans)	2406	D761VRE	375#	D825AB	92	D874AS(Trans)	2428	D960(Trans)	54	D1055P	20#	D1206S	16#
D711(Darl)	98	D762	152	D825AC	92	D874Q(Trans)	2428	D960Q(Trans)	54	D1055P(Trans)	293#	D1209(Trans)	2341
D711A(Darl)	98	D762A(Trans)	196	D831	98#	D874R(Trans)	2428	D961(Trans)	54	D1055Q	20#	D1209K(Trans)	2341
D712	379	D762AQ(Trans)	196	D833(Trans)	263#	D874S(Trans)	2428	D961Q(Trans)	54	D1055Q(Trans)	293#	D1210	B40240
D712D	291	D762AP(Trans)	196	D836	261	D875(Trans)	2428	D961R(Trans)	54	D1060(Trans)	377	D1210A	B40240
D713	331	D762AQ(Trans)	196	D836A	261	D875P(Trans)	2428	D965Q	11	D1060Q(Trans)	377	D1211(Trans)	31
D713C	331	D762P	152	D836AQ(Trans)	261	D875Q(Trans)	2428	D968(Trans)	2430	D1060R(Trans)	377	D1211Q(Trans)	31
D713D	331	D762Q	152	D836Q	261	D875R(Trans)	2428	D968A(Trans)	2430	D1061(Trans)	377	D1211R(Trans)	31
D715	270	D762Q(Trans)	152	D836R	261	D875S(Trans)	2428	D968AP(Trans)	2430	D1061Q(Trans)	377	D1213	392#
D715K	270	D763	382	D837	261	D877	175	D968AQ(Trans)	2430	D1062(Trans)	377	D1213-Q	392#
D715L	270	D764	389	D837A	261	D877-O	175	D968AR(Trans)	2430	D1062Q(Trans)	377	D1213-R	392#
D716	36	D765	389	D837AQ	261	D877-Y	175	D968AS(Trans)	2430	D1062R(Trans)	377	D1217(Trans)	2332
D716-O	36	D766	369	D837AR	261	D878	328	D968P(Trans)	2430	D1063(Trans)	2304	D1217Q(Trans)	2332
D716-R	36	D766P	369	D837B(Trans)	261	D880	152	D968Q(Trans)	2430	D1063Q(Trans)	2304	D1217Q(Trans)	2332
D717	390	D766Q	369	D837LB(Trans)	261	D880-O	152	D968R(Trans)	2430	D1063R(Trans)	2304	D1217R(Trans)	2332
D717-O	390	D766R	369	D837P(Trans)	261	D882(Trans)	184#	D968S(Trans)	2430	D1063S(Trans)	36	D1218(Trans)	2334
D718	36	D767(Trans)	289A	D837Q	261	D882P(Trans)	184	D968T	18	D1064(Trans)	2304	D1218R(Trans)	2334
D718-O	36	D767Q	289A	D837R	261	D882Q(Trans)	184	D969	18	D1064R(Trans)	2304	D1218R(Trans)	2334
D718Q(Trans)	36	D768(Trans)	2343	D838(Trans)	62	D882R(Trans)	184	D969Q	18	D1064R(Trans)	2304	D1218R(Trans)	2334
D718-R	36	D768K(Trans)	2343	D841	51	D884	379	D969R	18	D1064S(Trans)	2304	D1219(Trans)	2336#
D721(Trans)	261	D772(Trans)	51	D842(Trans)	2349	D886(Trans)	56	D970(Trans)	2343	D1065	2304	D1219P(Trans)	2336#
D722(Trans)	261	D772A(Trans)	51	D843	377	D886A(Trans)	56	D970K(Trans)	2343	D1065-Q	2304	D1219Q(Trans)	2336#
D723	291	D772B(Trans)	51	D843-O	377	D886AQ(Trans)	56	D972(Trans)	2343	D1065-R	2304	D1219R(Trans)	2336#
D724	379	D773(Trans)	293	D844	36	D886Q(Trans)	56	D973(Trans)	20	D1065-S	2304	D1225	B40240
D725	165	D773K(Trans)	293	D844-O	36	D889(Trans)	85	D973A	22	D1065-S	394	D1225A	B40240
D725-06	238	D773L(Trans)	293	D845	33	D889P(Trans)	85	D973AQ	22	D1090	2307	D1225B	20
D726	291	D774	382#	D845Q	33	D889Q	85	D973AP	22	D1092(Trans)	2330	D1225C	20
D726A	291	D774A(Trans)	382	D845R	33	D889R	199	D973Q	20	D1101	312	D1225MQ	20
D726B	291	D774-3	382	D847(Trans)	2304	D889T	199	D973R	20	D1101(Trans)	2406	D1225MR	20
D726C	291	D774-3(Trans)	382	D847A(Trans)	2304	D890(Trans)	26	D975	112	D1101B(Trans)	2406	D1226M	20
D726D	291	D774-4(Trans)	382	D847B(Trans)	2304	D890P	26	D976	379	D1101C(Trans)	2406	D1226MLQ	18
D727	392#	D774K(Trans)	382	D847C(Trans)	2304	D890Q	26	D976A	312	D1101D(Trans)	2406	D1226MLQ	18
D727P	392#	D774L(Trans)	382	D848A(Trans)	389	D890R	26	D977(Trans)	231#	D1105(Trans)	388	D1226MR	20
D727Q	392#	D776	86	D849	389	D890S	26	D978(Trans)	253	D1109(Trans)	390	D1227M	20
D727R	392#	D776RW	86	D850	389	D891A(ECB)	46	D986(Trans)	253	D1110	1014	D1227MLQ	20
D728	392#	D778(BCE)	85	D855(Trans)	54	D891(Trans)	172A	D987(Trans)	379	D1110(Trans)	36	D1227R	20
D728P	392#	D778Q(BCE)	85	D855A(Trans)	54	D892(ECB)	46	D988	89	D1110A(Trans)	36	D1227W	20
D728Q	392#	D778R(BCE)	85	D855B(Trans)	54	D892A(ECB)	46	D989A(Trans)	89	D1110AS(Trans)	36	D1227WQ	20
D728R	392#	D779(BCE)	85	D855Q(Trans)	54	D892AP(ECB)	46	D994(Trans)	89	D1110R(Trans)	36	D1228M	18
D729	251	D780(Trans)	2410	D855R(Trans)	54	D892AQ(ECB)	46	D999(Trans)	2428	D1110S(Trans)	36	D1228MP	18
D729H	251	D780A(Trans)	2410	D856(Trans)	54	D892AR(ECB)	46	D999CK(Trans)	2428	D1117(Trans)	37	D1228MLQ	18
D732	87	D780AD51(Trans)	2410	D856A(Trans)	54	D892AP(ECB)	46	D1000(Trans)	2428	D1126K(Trans)	2343	D1229	214
D732K	87	D780AD52(Trans)	2410	D856B(Trans)	54	D892AQ(ECB)	46	D999CM(Trans)	2428	D1127(Trans)	2343	D1229-Y	214
D733	280	D780AD53(Trans)	2410	D856M(Trans)	54	D892R(ECB)	46	D999K(Trans)	2428	D1127K(Trans)	2343	D1230	215
D733C	280	D780C-1	3880	D856MLB(Trans)	54	D893(ECB)	48#	D999L(Trans)	2428	D1127K(Trans)	2343	D1230-Y	215
D733D	280	D780C-1(IC)	3880	D856P(Trans)	54	D893A(ECB)	48#	D999M(Trans)	2428	D1132(Trans)	291	D1231(Trans)	249
D733E	280	D780C-1(MPU)	3880	D856Q(Trans)	54	D893AP(ECB)	48#	D1000(Trans)	2428	D1132(Trans)	291	D1232(Trans)	249
D733F	280	D780D(Trans)	2410	D856R(Trans)	54	D893AQ(ECB)	48#	D1000K(Trans)	2428	D1133(Trans)	291	D1233(Trans)	249
D733K	284	D780DW2(Trans)	2410	D857(Trans)	54	D893AR(ECB)	48#	D1000L(Trans)	2428	D1134(Trans)	291	D1235(Trans)	54
D733KC	284	D780DW3(Trans)	2410	D857(IC)	1199	D893P(ECB)	48#	D1000L(Trans)	2428	D1134C	291	D1235Q(Trans)	54
D733KD	284	D782	379	D857A(Trans)	54	D893Q(ECB)	48#	D1001(Trans)	2428	D1135(Trans)	291	D1235R(Trans)	54
D733KE	284	D783	379	D857AP(Trans)	54	D893R(ECB)	48#	D1001EL(Trans)	2428	D1135-S(Trans)	291	D1235S(Trans)	54
D733KF	284	D786(Trans)	85	D857AR(Trans)	54	D894(ECB)	46	D1001EM(Trans)	2428	D1135B	291	D1235S(Trans)	54
D734	85	D786Q(Trans)	85	D857R(Trans)	54	D895(Trans)	36	D1001K(Trans)	2428	D1135C(Trans)	291	D1236(Trans)	54
D734D	85	D786R(Trans)	85	D857C(IC)	1199	D895D(Trans)	36	D1001L(Trans)	2428	D1137	291	D1236Q(Trans)	54
D734E	85	D788(Trans)	293	D857P(Trans)	54	D895E(Trans)	36	D1001M(Trans)	2428	D1137B(Trans)	375	D1236R(Trans)	54
D734F	85	D789	315	D857R(Trans)	54	D896(Trans)	36	D1001R(Trans)	2428	D1138(Trans)	375	D1236S(Trans)	54
D734G	85	D789C	315	D858	390	D896E(Trans)	36	D1001S(Trans)	2428	D1138C(Trans)	375	D1237(Trans)	54
D734NP(Trans)	85	D789C	315	D858	390	D897	89	D1001T(Trans)	2428	D1139(Trans)	375	D1237Q(Trans)	54
D735	92	D789D	315	D858(IC)	1198	D897A	89	D1001U(Trans)	2428	D1148(Trans)	36	D1237R(Trans)	54
D735B	92	D790	389	D858A(Trans)	390	D897B	89	D1001V(Trans)	2428	D1148Q(Trans)	36	D1237S(Trans)	54
D735C	92	D790B	389	D858AQ(Trans)	390	D898A	89	D1003(MOV)	1V060	D1148R(Trans)	36	D1240	B40240
D736	92	D790C	382	D858AR(Trans)	390	D898D	89	D1010(Trans)	199	D1154(Trans)	283	D1241	390#
D736A	92	D792	165	D858C(IC)	1198	D899	199	D1010R(Trans)	199	D1154P(Trans)	283	D1242	390#
D736AB	92	D794A	184	D858Q(Trans)	390	D900	89	D1011(Trans)	90	D1154Q(Trans)	283	D1243	36
D736AC	92	D794AD	184	D858R(Trans)	390	D900A(Trans)	89	D1011R(Trans)	90	D1154R(Trans)	283	D1244	11
D736B	92	D794AP(Trans)	184#	D859	198	D900B(Trans)	89	D1012(Trans)	382#	D1168	165	D1248(Trans)	2343
D736C	92	D794AQ(Trans)	184#	D859A	198	D900B-06	89	D1012F(Trans)	382#	D1169(Trans)	2326#	D1248K(Trans)	2343
D738	92	D794P	184	D859AQ(Trans)	198	D903	89	D1012G(Trans)	289A#	D1169Q(Trans)	2326#	D1263(Trans)	198#
D738A	92	D794Q	184	D859AR(Trans)	198	D904	89	D1016(Trans)	89	D1176(Trans)	270#	D1263A	198#
D738AB	92	D795(Trans)	54	D859R(Trans)	198	D904K(Trans)	89	D1017(Trans)	384	D1172(Trans)	89	D1263AQ	198#
D738AC	92	D795A(Trans)	54	D859R(Trans)	198	D904P(Trans)	89						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
D1267A	377#	D1328R(Trans)	2406	D1427-LB	2302	D1576(Trans)	2301#	D2406C	5820	D4016D-1(RAM)	2128	D590015	601
D1267AQ	377#	D1329K(Trans)	2334	D1427-LB(Trans)	2302	D1577PH	2300#	D2406D	5820	D4016D-2(RAM)	2128	D911138-1	128
D1267AR	377#	D1330(Trans)	13	D1428	2302	D1602(CBE)	159	D2406E	5818	D4016D-3(RAM)	2128	D911138-2	128
D1267G	377#	D1330BL	13	D1429	2301#	D1602A(CBE)	159	D2406M	5822	D4017(C)	4017B	D911138-3	128
D1267H	377#	D1330GN	13	D1430	2301#	D1602B(CBE)	159	D2410	B40240	D4019(C)	4019B	D911138-4	128
D1268	54#	D1330-OR	13	D1431	2301#	D1602C(CBE)	159	D2410A	B40240	D4020(C)	4020B	D911138-5	128
D1268Q	54#	D1330S	13	D1432	2300#	D1602D(CBE)	159	D2412A	5818	D4021(C)	4021B	D911138-6	128
D1268R	54#	D1330T	13	D1433	2300#	D1608(Trans)	2343#	D2412B	5818	D4023(C)	4023B	D911138-7	128
D1269	54#	D1332(Trans)	36	D1439	2302	D1615(Trans)	2428	D2412C	5820	D4024(C)	4024B	D917254-2	123A
D1269Q	54#	D1332(Trans)	36	D1439(Trans)	2302	D1615A(Trans)	2428	D2412D	5820	D4025(C)	4025B	D919039-2	519
D1269R	54#	D1332P(Trans)	36	D1439-Q(Trans)	2302	D1615AGP(Trans)	2428	D2412F	5818	D4027(C)	4027B	D919695	9900
D1270	54#	D1332-Q	36	D1439RL(Trans)	2302	D1615AGQ(Trans)	2428	D2412M	5822	D4027BC	4027B	D919698	9903
D1270Q	54#	D1332Q(Trans)	36	D1440	2302	D1615GK(Trans)	2428	D2425	B40240	D4027BC(IC)	4027B	D919699	9904
D1270R	54#	D1332-R	36	D1440(Trans)	2302	D1615GL(Trans)	2428	D2425A	B40240	D4028(C)	4028B	D919700	9905
D1271	54#	D1333	36	D1441	2302	D1615GM(Trans)	2428	D2440	B40240	D4029(C)	4029B	D921881-1	123A
D1271A	54#	D1334	36	D1441(Trans)	2302	D1618(Trans)	2428	D2475	B75240	D4030(C)	4030B	D926640-1	123
D1271AQ	54#	D1334-C	291	D1442	377	D1618S(Trans)	2428	D2520A	6006	D4030BC	4030B	D928121	123A
D1271AR	54#	D1335	36	D1442A(Trans)	377	D1618T(Trans)	2428	D2520B	6006	D4030BC(IC)	4030B	D4000411	909
D1271Q	54#	D1336(Trans)	2326	D1442AQ(Trans)	377	D1619(Trans)	2428	D2520C	6008	D4040(C)	4040B	D9203300B4	5035A
D1271R	54#	D1341P(Trans)	165	D1442AR(Trans)	377	D1619S(Trans)	2428	D2520D	6008	D4040BC	4040B	D34002410-001	9914
D1273	56	D1442Q(Trans)	89	D1442Q(Trans)	377	D1619T(Trans)	2428	D2520F	6006	D4040BC(IC)	4040B	D34003220-001	177
D1273A	56	D1443(Trans)	89	D1443(Trans)	377	D1633(Trans)	2326	D2520M	6010	D4042(C)	4042B	D34013890-002	74H04
D1273AQ	56#	D1443A(Trans)	152	D1443A(Trans)	377	D1633P(Trans)	2326	D2540A	6006	D4049(C)	4049	D34014094	175
D1273AR	56	D1443AQ(Trans)	152	D1443AQ(Trans)	377	D1633Q(Trans)	2326	D2540B	6006	D4049UBC(IC)	4049	D93001000Y	5019T1
D1273AQ	56	D1351Y(Trans)	152	D1443AR(Trans)	377	D1634(Trans)	2326	D2540D	6008	D4050(C)	4050B	D93001100Y	5020A
D1273P	56	D1352(Trans)	291	D1443Q(Trans)	377	D1634P(Trans)	2326	D2540F	6006	D4051(C)	4051B	D93001200X	5021T1
D1273Q	56	D1352Q(Trans)	291	D1443R(Trans)	377	D1634Q(Trans)	2326	D2540M	6010	D4052(C)	4052B	D93001200Y	5021T1
D1274	54#	D1352R(Trans)	291	D1444(Trans)	377	D1641(Trans)	2330	D2600EF	116	D4052BC	4052B	D93001300Y	5022A
D1274(Trans)	261#	D1353	56#	D1444A(Trans)	377	D1645(Trans)	2338	D2600F	515	D4052BC(C)	4052B	D93001300Z	5022A
D1275A(Trans)	261#	D1353-BL	56#	D1444AQ(Trans)	377	D1645Q(Trans)	2338	D2600M	515	D4052BC(C)	4052B	D93001600Y	5025A
D1275AP(Trans)	261#	D1353-GR	56#	D1444AR(Trans)	377	D1645R(Trans)	2338	D2601DF	515	D4053BC	4053B	D93002700X	5033A
D1275AQ(Trans)	261#	D1353-V	56#	D1444Q(Trans)	377	D1649(Trans)	2302	D2601E	515	D4053BC(IC)	4053B	D93003000Y	5035A
D1275AR(Trans)	261#	D1354	377#	D1444AR(Trans)	377	D1649-CA(Trans)	2302	D2601EF	515	D4056BC	4056B	D93011201B	142A
D1275P(Trans)	261#	D1354-O	377#	D1445(Trans)	377#	D1650(Trans)	2302	D2601M	515	D4056BC(IC)	4056B	D930013000	5022A
D1275Q(Trans)	261#	D1354-Y	377#	D1445A(Trans)	377#	D1651(Trans)	2302	D2708	2708	D4068(C)	4068B	DA000	116
D1275R(Trans)	261#	D1355	54#	D1445AQ(Trans)	377#	D1651(Trans)	2302	D2716	2716	D4069(C)	4069	DA001	116
D1275S(Trans)	261#	D1355-O	54#	D1445AR(Trans)	377#	D1666	108	D2716(EPROM)	2716	D4069(IC)	4069	DA002	116
D1275T(Trans)	261#	D1355-R	54#	D1445Q(Trans)	377#	D1702(CBE)	123AP	D2732(EPROM)	2732	D4069UBC	4069	DA058	125
D1276A(Trans)	261#	D1356	241#	D1445R(Trans)	377#	D1702C(CBE)	123AP	D2732A(EPROM)	2732	D4069UBC(IC)	4069	DA087	135A
D1276A(Trans)	261#	D1356-R	241#	D1451	2301#	D1702L(CBE)	123AP	D2732A-2(EPROM)	2732	D4071(C)	4071B	DA3F3	213
D1276AP(Trans)	261#	D1362	377#	D1452	2301#	D1702M(CBE)	123AP	D2732A-3(EPROM)	2732	D4078(C)	4078B	DA90	109
D1276AQ(Trans)	261#	D1362-O	377#	D1453	2302	D1717(Trans)	2328	D2732A-4(EPROM)	2732	D4081(C)	4081B	DA111	519
D1276AR(Trans)	261#	D1362-Q	377#	D1454	2301#	D1717P(Trans)	2328	D2732A-5(EPROM)	2732	D4099(C)	4099B	DA2068	125
D1276AR(Trans)	261#	D1363-O	377#	D1455	2302	D1717-Q(Trans)	2328	D2732A-6(EPROM)	2732	D4160BC(IC)	40160B	DAA-SV-03	605A
D1276AR(Trans)	261#	D1363-Y(Trans)	377#	D1456	2300#	D1717-S(Trans)	2328	D2732A-30(EPROM)	2732	D4164(RAM)	2164	DAA-RB-152	125(2)
D1276P(Trans)	261#	D1366(Trans)	2406	D1459(Trans)	375#	D1718(Trans)	2328	D2732AD-4(EPROM)	2732	D4164-1(RAM)	2164	DAAY001002	109
D1276Q(Trans)	261#	D1366A(Trans)	2406	D1459Q(Trans)	375#	D1718-P(Trans)	2328	D2732D(EPROM)	2732	D4164-2(RAM)	2164	DAAY002001	116
D1276R(Trans)	261#	D1366B(Trans)	2406	D1459R(Trans)	375#	D1718-Q(Trans)	2328	D2732D-4(EPROM)	2732	D4164-3(RAM)	2164	DAAY003002	177
D1276R(Trans)	261#	D1366AC(Trans)	2406	D1475(Trans)	377#	D1718-S(Trans)	2328	D2732E(EPROM)	2732	D4164-4(RAM)	2164	DAAY004001	177
D1276R(Trans)	261#	D1366AD(Trans)	2406	D1475Q(Trans)	377#	D1720	610	D2764-2	2764	D4164-5(RAM)	2164	DAAY010092	139A
D1277(Trans)	261#	D1368(Trans)	2428	D1475R(Trans)	377#	D1724	611	D2764-3	2764	D4164-6(RAM)	2164	DAC0806	2056
D1277A(Trans)	261#	D1368B(Trans)	2428	D1476(Trans)	377	D1726	612	D2764-4	2764	D4164-7(RAM)	2164	DAC0806LCN	2056
D1277AQ(Trans)	261#	D1368P(Trans)	2428	D1476P(Trans)	377	D1726A	612	D2764-5	2764	D4512(C)	4512B	DAC0807	2056
D1277AR(Trans)	261#	D1373	394#	D1476R(Trans)	377	D1738	614	D2764-6	2764	D4518(C)	4518B	DAC0807LCN	2056
D1277AR(Trans)	261#	D1377(Trans)	2343	D1478(Trans)	2404	D1770(Trans)	375	D2764-45	2764	D4520(C)	4520B	DAC301	177
D1277P(Trans)	261#	D1377K(Trans)	2343	D1479	2301#	D1770P(Trans)	375	D2764D(EPROM)	2764	D4522(C)	4522B	DAN201	590
D1277Q(Trans)	261#	D1377R	373	D1481(Trans)	2332	D1770Q(Trans)	375	D2815C(IC)	1526	D4539(C)	4539B	DAN202	595
D1277R(Trans)	261#	D1378P	373	D1481Q(Trans)	36	D1771(Trans)	375	D300	1018	D4555(C)	4555B	DAN202K	595
D1280(Trans)	2428	D1378Q	373	D1485Q(Trans)	36	D1772P(Trans)	375#	D300VYN	130	D4565(C)	4565B	DAN209	590
D1280Q(Trans)	2428	D1379	253#	D1485R(Trans)	36	D1772Q(Trans)	375#	D3040	1017	D4808	B40480	DAN209S	590
D1280R(Trans)	2428	D1380(Trans)	184	D1486(Trans)	36	D1773(Trans)	2343#	D3040	1017	D4812	B40480	DANZ006000	109
D1280S(Trans)	2428	D1380P	184	D1486Q(Trans)	36	D1774(Trans)	56	D3061	1025	D4825	B40480	DANZ0060000	109
D1287(Trans)	99	D1381(Trans)	373#	D1486R(Trans)	36	D1774A(Trans)	56	D3080	1025	D4840	B40480	DAP201	591
D1289(Trans)	36	D1381P	373#	D1487(Trans)	36	D1774AP(Trans)	56	D3110	1152	D4840	B71480	DAP201N	591
D1289R(Trans)	36	D1381Q	373#	D1487Q(Trans)	36	D1774AQ(Trans)	56	D3120	1019	D5101(RAM)	65101	DAP202	596
D1290	2302	D1382(Trans)	373	D1487R(Trans)	36	D1774P(Trans)	56	D3141	OBS-NLA	D5101-1(RAM)	65101	DAP202K	596
D1291	2302	D1382P	373	D1487Q(Trans)	36	D1774Q(Trans)	56	D3141	1021	D5101-6(RAM)	65101	DAP209	591
D1292(Trans)	31	D1382Q	373	D1488Q(Trans)	36	D1776(Trans)	56#	D3202V	8408	D5101C(RAM)	65101	DAP209S	591
D1292P	31	D1383K(Trans)	2404	D1488R(Trans)	36	D1776A(Trans)	56#	D3214	8214	D5101C-1(RAM)	65101	DAP2158800	519
D1292Q	31	D1383KA(Trans)	2404	D1491(Trans)	2338	D1776AP(Trans)	56#	D3216	8216	D5101C-6(RAM)	65101	DAT1A	126A
D1293(Trans)	22	D1383KB(Trans)	2404	D1491K(Trans)	2338	D1776AQ(Trans)	56#	D3356	177	D5101L-1(RAM)	65101	DAT2	126A
D1293P	22	D1390	2303	D1491L(Trans)	2338	D1776P(Trans)	56#	D3350	238	D5101L-6(RAM)	65101	DB0124ADP	987
D1293Q	22	D1391	2302	D1491M(Trans)	2338	D1776Q(Trans)	56#	D3360	212	D5101L-10(RAM)	65101	DB0124ADP	987
D1293QD	22	D1392(Trans)	2334#	D1491Q(Trans)	2338	D1776R(Trans)	56#	D3601(PROM)	74S387	D5101LC-1(RAM)	65101	DB0124ADP	987
D1293R	22	D1392L(Trans)	2334#	D1493	2301#	D1801(MOV)	1V115	D3602(PROM)	74S570	D5101LC-6(RAM)	65101	DB4	6411
D1301	312	D1392M(Trans)	2334#	D1494	2301#	D1802(CBE)	159	D3604(PROM)	74S475	D5101P(RAM)	65101	DB6	6412
D1302	312	D1393(Trans)	2332	D1495	2301#	D1802K(CBE)	159	D3604A(2)	74S475	D5101P-1(RAM)	65101	DB166-46-6501	159
D1303	312	D1394(Trans)	2334	D1496	2301#	D1802L(CBE)	159	D3605	74S572	D5101P-6(RAM)	65101	DBA10C	8214
D1306(Trans)	2406	D1395(Trans)	2334	D1497	2300#	D1802M(CBE)	159	D3605A	74S572	D5293	552	DBA10B	166
D1306D(Trans)	2406	D1396	2302	D1497-06(Trans)	2300#	D1890(Trans)	2326	D3605A	74S572	D5403	HIDV-1	DBA10C	167
D1308(Trans)	2326	D1397	2302	D1498	2300#	D1891(Trans)	2326	D3605A-1	74S572	D5404	HIDV-2	DBA10E	168
D1308L(Trans)	2326	D1397-B	2302	D1498(Trans)	54#	D1892(Trans)	2326	D3606A(PROM)	74S475	D5410	HIDV-4	DBA10G	169
D1308M(Trans)	2326	D1398	2302	D1499P(Trans)	54#	D2101S	515	D3621(PROM)	74S287	D5488	5312#	DBA20B	5312
D1309(Trans)	2326	D1398S(Trans)	2302	D1499Q(Trans)	54#	D2102S	515	D3622(PROM)	74S287	D5488	5312#	DBA20C	5313
D1309K(Trans)													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
DBCZ373000	199	DDAY030002	612	DDEY028001	964	DG-LAS1512	1914	DIJ2294	109	DLTD40-934	5712	DM74LS05	74LS05
DBDD18-934	6220	DDAY028001	116	DDEY028001	7490	DG-LAS1515	1916	DIJ2349	109	DLTT18-934	5710	DM74LS05N	74LS05
DBDD25-934	6220	DDAY042001	116(4)	DDEY030001	7400	DG-LAS1518	1920	DIL	125	DLTT25-934	5710	DM74LS08	74LS08
DBDD40-934	6220	DDAY047001	519	DDEY032001	1172	DG-LAS1524	1924	DIK	116	DLTT40-934	5710	DM74LS08N	74LS08
DBDT18-934	5711	DDAY047005	519	DDEY033000	74162	DG-LAS1805	1913	DIM	136A	DM-1	726	DM74LS09	74LS09
DBDT25-934	5711	DDAY048001	177	DDEY037001	1199	DG-LAS1812	1915	DIS	143A	DM-9	736	DM74LS09N	74LS09
DBDT18-934	5712	DDAY048007	519	DDEY042001	977	DG-LAS1815	1919	DIS-1S	116	DM-9	736	DM74LS10	74LS10
DBDT25-934	5712	DDAY048008	177	DDEY046001	977	DGM-2	109	DIT	144A	DM-11	709	DM74LS10N	74LS10
DBDT40-934	5712	DDAY048009	519	DDEY055001	1198	DGM-3	109	DJDD18-934	6220	DM11	709	DM74LS11	74LS11
DBDT18-934	5712	DDAY048012	519	DDEY061001	1194	DGS4B10	5312	DJDD25-934	6220	DM11A	709	DM74LS11N	74LS11
DBTT18-934	5710	DDAY048013	519	DDEY064001	1082	DH-001	116	DJDD40-934	6220	DM-11A	709	DM74LS12SP	74LS12
DBTT25-934	5710	DDAY048014	519	DDEY076001	1202	DH-002	116	DJDT18-934	5711	DM-14	718	DM74LS12ST	74LS12
DBTT40-934	5710	DDAY049001	116	DDEY082001	1204	DH/3M0011	229	DJDT25-934	5711	DM14	718	DM74LS13	74LS13
dbxAN6291	1744	DDAY063001	519	DDEY084001	4011B	DH/3M0012	229	DJDT40-934	5711	DM-19	805	DM74LS13J	74LS13
DC6(Quasar)	513	DDAY068001	5313	DDEY088001	977	DH/3M0011	229	DJWZ-210	5079A	DM-20	744	DM74LS13N	74LS13
DC-9	102A	DDAY069001	612	DDEY089001	4011B	DH/3M0174	123AP	DJJ-WZ-120	5021A	DM20	744	DM74LS13SP	74LS13
DC-10	102A	DDAY069001	519	DDEY091001	1194	DH/3M0254	123AP	DJJ-WZ-130	5022A	DM24	719	DM74LS13ST	74LS13
DC-12	158	DDAY069022	5016A	DDEY093001	977	DH/3M108	116	DJJ-WZ-140	5023A	DM-24	719	DM74LS14	74LS14
DC-13	109	DDAY087002	5067A	DDEY097001	1195	DH/3M112	109	DJJ-WZ-157	5025A	DM-26	721	DM74LS14N	74LS14
DC-410	177	DDAY090001	553	DDEY109001	1192	DH/3M1073	123AP	DJJ-WZ-250	5032A	DM26	721	DM74LS15	74LS15
DC2687	612	DDAY103001	116	DDEY123001	1170	DH4R2	116	DJJ-WZ270	5033A	DM-30	721	DM74LS15J	74LS15
DC2688	614	DDAY126001	139A	DDEY131001	1271	DH14	116	DJTD18-934	5712	DM30	721	DM74LS15N	74LS15
DC2689	614	DDAY131001	519	DDEY133001	1262	DH14A	116	DJTD25-934	5712	DM-31	709	DM74LS15SP	74LS15
DC4210B	610	DDAY133001	116	DDEY146001	1278	DH16	116	DJTD40-934	5712	DM31	709	DM74LS20	74LS20
DC8457	177	DDBY002001	116	DDEY149001	1286	DH16A	116	DJTT18-934	5710	DM-32	744	DM74LS20N	74LS20
DCA010	596	DDBY003001	290A	DDEY087001	1203	DH28	374	DJTT25-934	5710	DM32	744	DM74LS21	74LS21
DCA015	596	DDBY003002	294	DDFY004002	177	DH44H12	377	DJTT40-934	5710	DM-33	964	DM74LS21J	74LS21
DCB010	595	DDBY003003	294	DDFY007001	177	DH14028B	4028B	DJZ-WZ270	5033A	DM-35	806	DM74LS21N	74LS21
DCB015	595	DDBY004001	290A	DDFY017001	6402	DH800	177	DK01-101101	519	DM35	806	DM74LS21SP	74LS21
DCC-10D1	116	DDBY007002	290A	DDMV-1	109	DH805	177	DK01-101121	519	DM-36	801	DM74LS21ST	74LS21
DCC-10D1-N	116	DDBY008001	129	DDMV-2	109	DHD805(Zener)	145A	DK01-140012	116	DM36	801	DM74LS22	74LS22
DCC-10D1-NA	116	DDBY011003	290A	DDRY020001	601	DHD806	177	DK01-200342	109	DM37	1578	DM74LS22J	74LS22
DCEBR12-01	116	DDBY019001	290A	DDTD5	51	DHD8001	177	DK01-300602	110MP	DM-37	1578	DM74LS22H	74LS22
DCESAC82-004	6085	DDBY23001	235	DDTD18-934	5712	DHDD18-934	6220	DK05-015022	229	DM40	778A	DM74LS22SP	74LS22
DC7310	614	DDBY23301	123A	DDTD25-934	5712	DHDD25-934	6220	DK05-16311	85	DM41	737S	DM74LS22ST	74LS22
DC7310(VARACTOR)	614	DDBY104002	294	DDTD40-934	5712	DHDD40-934	6220	DK05-109335	123AP	DM-41	737S	DM74LS26	74LS26
DD-000	116	DDBY209001	85	DDTT18-934	5710	DHDT18-934	5711	DK05-16311A	85	DM44	743	DM74LS26J	74LS26
DD-003	116	DDBY209003	123A	DDTT25-934	5710	DHDT25-934	5711	DK05-163112	85	DM-44	743	DM74LS26N	74LS26
DD-006	116	DDBY210002	85	DDTT40-934	5710	DHDT40-934	5711	DK05-163310	85	DM50	983	DM74LS26SP	74LS26
DD-007	116	DDBY216002	229	DDX53C	263	DHDT18-934	5712	DK05-500310	123A	DM-50	983	DM74LS26ST	74LS26
DD04	113A	DDBY219001	229	DE14	116	DHTD25-934	5712	DK05-500315	123AP	DM-51	788	DM74LS27	74LS27
DD05	114	DDBY222002	123A	DE14A	116	DHTD40-934	5712	DK05-508162	123AP	DM51	788	DM74LS27N	74LS27
DD06	115	DDBY224001	199	DE16	116	DHTT18-934	5710	DK05-508534	123A	DM51A	788	DM74LS30	74LS30
DD056	116	DDBY224002	199	DE16A	116	DHTT25-934	5710	DK05-617013	123AP	DM-51A	788	DM74LS30N	74LS30
DD058	125	DDBY224003	199	DE201	116	DHTT40-934	5710	DK05-617014	123AP	DM-54	719	DM74LS32	74LS32
DD1S954	519	DDBY224004	199	DE-3181	102	DI-1	109	DK06-606508	159	DM54	719	DM74LS32N	74LS32
DD25F-20	6220	DDBY224006	199	DEB162	601	DI-2	109	DK06-663112	290A	DM59	1277	DM74LS37	74LS37
DD25F-40	6220	DDBY227001	186A	DEC3716	284	DI-3	109	DK19	109	DM-59	788	DM74LS37J	74LS37
DD25F-60	6220	DDBY227002	233	DED4191	159	DI-5	5002A	DK20	109	DM-65	2011	DM74LS37SP	74LS37
DD25F-80	6220	DDBY227004	186A	DEEY004001	1100	DI-7	116	DK21	109	DM74C20N	74C20	DM74LS37ST	74LS37
DD31N400K	6220	DDBY228001	152	DER1	125	DI-8(diode)	109	DK-999-76	109	DM74H00J	74H00	DM74LS38	74LS38
DD31N800K	6220	DDBY230001	235	DERB26-20	525	DI-8(Courier)	139A	DKS11	46	DM74H00N	74H00	DM74LS38N	74LS38
DD31N1200K	6220	DDBY231002	236	DF019	601	DI-42S	116	DKS12	48	DM74H01J	74H01	DM74LS40	74LS40
DD40F-20	6220	DDBY233001	123A	D-F1	101	DI-46	116	DKS13	232	DM74H01N	74H01	DM74LS40J	74LS40
DD40F-40	6220	DDBY246001	295	DF1	101	DI-52S	116	DKS14	232	DM74H04J	74H04	DM74LS40N	74LS40
DD40F-60	6220	DDBY256001	295	D-F1A	102A	DI-55	116	DKV6533A	611	DM74H04N	74H04	DM74LS40SP	74LS40
DD40F-80	6220	DDBY256002	373	DF-2	130	DI-56	116	DL-005	5332	DM74H05J	74H05	DM74LS40ST	74LS40
DD55F-20	6220	DDBY257001	235	DF-44	103A	DI-71	116	DL005	5332	DM74H05N	74H05	DM74LS42	74LS42
DD55F-40	6220	DDBY259001	229	DF-45	130	DI-72S	116	DL02	5332	DM74H08J	74H08	DM74LS42N	74LS42
DD55F-60	6220	DDBY259002	229	DFA01	558	DI-172S	116	DL02	5332	DM74H08N	74H08	DM74LS51	74LS51
DD55F-80	6220	DDBY261002	229	DFA01C	558	DI-502	2025	DL-04	5332	DM74H10J	74H10	DM74LS51N	74LS51
DD64N400K	6230	DDBY262001	199	DFA01G	558	DI-507	2026	DL04	5332	DM74H10N	74H10	DM74LS54	74LS54
DD65N800K	6230	DDBY269001	107	DFA01J	558	DI-845	116	DL06-10	5332	DM74H11J	74H11	DM74LS54J	74LS54
DD65N1200K	6230	DDBY270001	123AP	DFA01R	558	DI-847	116	DL08	5334	DM74H11N	74H11	DM74LS54N	74LS54
DD70F-20	6230	DDBY272001	293	DFA05	552	DI-648	116	DL08	5334	DM74H20J	74H20	DM74LS54SP	74LS54
DD70F-40	6230	DDBY276001	293	DFA05B	552	DI-649	116	DL1A	3050	DM74H20N	74H20	DM74LS54ST	74LS54
DD70F-60	6230	DDBY277001	123A	DFA05C	552	DI-650	123	DL1A	3050	DM74H21J	74H21	DM74LS55	74LS55
DD70F-80	6230	DDBY277002	223	DFA05D	552	DI-651	116	DL10	3050	DM74H21N	74H21	DM74LS55J	74LS55
DD79D107-1	130	DDBY278001	152	DFA05G	552	DI-1649	116	DL10	3050	DM74H22J	74H22	DM74LS55N	74LS55
DD65N400K	6230	DDBY278002	152	DFA05G-KBG	552	DIA	123AP	DL10(BRIDGE)	5334	DM74H22N	74H22	DM74LS55SP	74LS55
DD85N800K	6230	DDBY283001	289A	DFB05	552	DIB	119A	DL10(BRIDGE)	5334	DM74H25N	74H25	DM74LS55ST	74LS55
DD90F-20	6230	DDBY287001	107	DFB05B	552	DIB-502EC	2026	DL10A	3050	DM74H30N	74H30	DM74LS74	74LS74
DD90F-40	6230	DDBY288001	285	DFB05C	552	DIB-507EC	2026	DL10A	3050	DM74H40J	74H40	DM74LS74AN	74LS74
DD90F-60	6230	DDBY289001	235	DFB05E	552	DIC	113A	DL10A	3050	DM74H40N	74H40	DM74LS74N	74LS74
DD90F-80	6230	DDBY290001	152	DFB05G	552	DICR1	125	DL101	3051	DM74H50J	74H50	DM74LS75	74LS75
DD121	401	DDBY295002	107	DFC05	558	DID	116	DL101	3051	DM74H50N	74H50	DM74LS75N	74LS75
DD175C	116	DDBY307001	236	DFC10E	558	DID-3442X	519	DL101A	3051	DM74H51J	74H51	DM74LS76	74LS76
DD176C	116	DDBY403001	130	DFC05L	558	DIDS448-FA1	519	DL500	3079	DM74H51N	74H51	DM74LS76ASP	74LS76
DD177C	116	DDBY407001	196	DFC05N	558	DIE	116	DL500	3079	DM74H52J	74H52	DM74LS76AST	74LS76
DD236	116	DDBY407004	196	DFC05R	558	DIJ	116	DL507	3078	DM74H52N	74H52	DM74LS76J	74LS76
DD266	116	DDBY410001	293	DFC10	552	DIJ-61224	116	DL507	3078	DM74H53J	74H53	DM74LS76N	74LS76
DD268	125	DDBY410002	128	DFC10E	552	DIJ70486	109	DL701	3065	DM74H53N	74H53	DM74LS78	74LS78
DD7-700	2028	DDCY001001	312	DFC05G	552	DIJ70488	116	DL701	3065	DM74H54J	74H54	DM74LS78N	74LS78
DD2068	116	DDCY001002											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
DM74LS123N	74LS123	DM74LS245N	74LS245	DM74S188N	74S188	DM7405N	7405	DM8296N	74196	DM9309	8309	DNN-RD7.5EB3	5015A
DM74LS124N	74LS124	DM74LS245NS	74LS245	DM74S188NL	74S188	DM7406N	7406	DM8301	8301	DM9309J	8309	DNN-RD8.2E	5018A
DM74LS125	74LS125	DM74LS251	74LS251	DM74S287	74S287	DM7407N	7407	DM8301CPC	8301	DM9309N	8309	DNN-RD9.1E	5018A
DM74LS125AN	74LS125A	DM74LS251J	74LS251	DM74S287J	74S287	DM7408	7408	DM8301J	8301	DM9314DM	8314	DNN-RD9.1EB3	5018A
DM74LS125ASP	74LS125A	DM74LS251N	74LS251	DM74S287JL	74S287	DM7408N	7408	DM8301N	8301	DM9316DM	8316	DNN-RD13E	5022A
DM74LS125AST	74LS125A	DM74LS251NS	74LS251	DM74S287N	74S287	DM7409N	7409	DM8309	8309	DM9317J	8317	DNN-RD13EB3	5022A
DM74LS125J	74LS125A	DM74LS253	74LS253	DM74S287NL	74S287	DM7410N	7410	DM8309CPC	8309	DM9318DM	8318	DNN-RD15EB2	5024A
DM74LS125N	74LS125A	DM74LS253N	74LS253	DM74S288	74S288	DM7411N	7411	DM8309J	8309	DM9318J	8318	DNN-RD20EB	5029A
DM74LS126A	74LS126	DM74LS257	74LS257	DM74S288J	74S288	DM7411J	7411	DM8309N	8309	DM9321DM	8321	DNN-RD20EB3	5029A
DM74LS126AN	74LS126	DM74LS257N	74LS257	DM74S288N	74S288	DM7413N	7413	DM8316J	8316	DM9368DM	8368	DNN-RD30EB3	5035A
DM74LS132	74LS132	DM74LS258	74LS258	DM74S288NL	74S288	DM7414N	7414	DM8316N	8316	DM9374DM	8374	DNX4	459
DM74LS132J	74LS132	DM74LS258AN	74LS258	DM74S287	74S287	DM7416N	7416	DM8318J	8318	DM9600DM	9600	DNX4A	459
DM74LS132N	74LS132	DM74LS258B	74LS258	DM74S287J	74S287	DM7417N	7417	DM8318N	8318	DM9601DM	9601	DO4A	B40240
DM74LS132SP	74LS132	DM74LS258J	74LS258	DM74S287N	74S287	DM7420N	7420	DM8328CPC	8328	DM9601J	9601	DO4B	B40240
DM74LS132ST	74LS132	DM74LS258N	74LS258	DM74S287NL	74S287	DM7423N	7423	DM8370CPC	8370	DM9601N	9601	DO5G	552
DM74LS138	74LS138	DM74LS258SP	74LS258	DM74S454NL	74S454	DM7425N	7425	DM8500	7476	DM9602DM	9602	DO8A	B40240
DM74LS138N	74LS138	DM74LS258T	74LS258	DM74S472	74S472	DM7426N	7426	DM8500J	7476	DM9615DM	9615	DO8B	B40240
DM74LS139	74LS139	DM74LS266	74LS266	DM74S472J	74S472	DM7427N	7427	DM8500N	7476	DM74107N	74107	DO18(DIODE)	177
DM74LS139J	74LS139	DM74LS266N	74LS266	DM74S472N	74S472	DM7430N	7430	DM8501	7473	DM74109N	74109	DO30(DIODE)	116
DM74LS139N	74LS139	DM74LS279	74LS279	DM74S472NL	74S472	DM7432	7432	DM8501J	7473	DM74121N	74121	DP100	126
DM74LS139SP	74LS139	DM74LS279J	74LS279	DM74S473	74S473	DM7432N	7432	DM8501N	7473	DM74123N	74123	DP605/FT1702	105
DM74LS139ST	74LS139	DM74LS279N	74LS279	DM74S473J	74S473	DM7437N	7437	DM8502N	74107	DM74125	74125	DP3216	8216
DM74LS147NS	74LS147	DM74LS279SP	74LS279	DM74S473N	74S473	DM7438N	7438	DM8510	7474	DM74125N	74125	DP3216N	8216
DM74LS151	74LS151	DM74LS279ST	74LS279	DM74S473NL	74S473	DM7440N	7440	DM8510J	7474	DM74126	74126	DP8212	8212
DM74LS151N	74LS151	DM74LS280	74LS280	DM74S474	74S474	DM7441AN	7441	DM8510N	7474	DM74132	74132	DP8212N	8212
DM74LS153	74LS153	DM74LS280N	74LS280	DM74S474J	74S474	DM7442N	7442	DM8520	8520	DM74132N	74132	DP8216	8216
DM74LS153N	74LS153	DM74LS283	74LS283	DM74S474JL	74S474	DM7445N	7445	DM8520N	8520	DM74145N	74145	DP8216N	8216
DM74LS155	74LS155	DM74LS283N	74LS283	DM74S474N	74S474	DM7447AN	7447	DM8520PC	8520	DM74147	74147	DP8224	8224
DM74LS155J	74LS155	DM74LS290	74LS290	DM74S474NL	74S474	DM7450N	7450	DM8530	7490	DM74147J	74147	DP8224N	8224
DM74LS155N	74LS155	DM74LS290N	74LS290	DM74S475	74S475	DM7451N	7451	DM8530J	7490	DM74147N	74147	DP8228	8228
DM74LS155SP	74LS155	DM74LS293	74LS293	DM74S475J	74S475	DM7453N	7453	DM8530N	7490	DM74150N	74150	DP8228J	8228
DM74LS155ST	74LS155	DM74LS293N	74LS293	DM74S475JL	74S475	DM7454N	7454	DM8532	7492	DM74151N	74151	DP8228N	8228
DM74LS156	74LS156	DM74LS298	74LS298	DM74S475N	74S475	DM7456N	7456	DM8532J	7492	DM74153N	74153	DP8255	8255
DM74LS156N	74LS156	DM74LS298N	74LS298	DM74S475NL	74S475	DM7470N	7470	DM8532N	7492	DM74154	74154	DP8255J	8255
DM74LS157	74LS157	DM74LS324NS	74LS324	DM74S476N	74S476	DM7472	7422	DM8533	7493A	DM74154N	74154	DP8255N	8255
DM74LS157N	74LS157	DM74LS325NS	74LS325	DM74S476NL	74S476	DM7472N	7472	DM8533J	7493A	DM74155N	74155	DP4010S	5426
DM74LS158	74LS158	DM74LS325N	74LS325	DM74S477N	74S477	DM7473	7473	DM8533N	7493A	DM74156N	74156	DP60035C	5534A
DM74LS158N	74LS158	DM74LS327NS	74LS327	DM74S477J	74S477	DM7473N	7473	DM8542	8542	DM74157	74157	DPT64E	2344
DM74LS160	74LS160A	DM74LS327N	74LS327	DM74S477JL	74S477	DM7474N	7474	DM8542PC	8542	DM74157J	74157	DPT65E	2343
DM74LS160ASP	74LS160A	DM74LS332	74LS332	DM74S477NL	74S477	DM7475N	7475	DM8542PC	8542	DM74157N	74157	DR1	116
DM74LS160AST	74LS160A	DM74LS332J	74LS332	DM74S477N	74S477	DM7476N	7476	DM8546	8546	DM74162	74162	DR1PR	116
DM74LS160J	74LS160A	DM74LS332N	74LS332	DM74S477J	74S477	DM7478N	7478	DM8546N	8546	DM74164	74164	DR2	116
DM74LS160N	74LS160A	DM74LS332NS	74LS332	DM74S477JL	74S477	DM7478N	7478	DM8546PC	8546	DM74164N	74164	DR3	116
DM74LS161	74LS161A	DM74LS333	74LS333	DM74S477NL	74S477	DM7478N	7478	DM8551	74173	DM74173	74173	DR4	116
DM74LS161AN	74LS161A	DM74LS333J	74LS333	DM74S477N	74S477	DM7478N	7478	DM8551J	74173	DM74173J	74173	DR5	116
DM74LS161N	74LS161A	DM74LS333N	74LS333	DM74S477NL	74S477	DM7490	7490	DM8551N	74173	DM74173N	74173	DR100	116
DM74LS162	74LS162A	DM74LS333NS	74LS333	DM74S477N	74S477	DM7490A	7490	DM8552	8552	DM74174N	74174	DR200	116
DM74LS162ASP	74LS162A	DM74LS333N	74LS333	DM74S477J	74S477	DM7490AJ	7490	DM8552N	8552	DM74175N	74175	DR291	109
DM74LS162AST	74LS162A	DM74LS334NS	74LS334	DM74S477JL	74S477	DM7490AN	7490	DM8552PC	8552	DM74180N	74180	DR300	116
DM74LS162J	74LS162A	DM74LS335A	74LS335A	DM74S477NL	74S477	DM7490N	7490	DM8553	8553	DM74181N	74181	DR351	109
DM74LS162N	74LS162A	DM74LS335AN	74LS335A	DM74S477N	74S477	DM7491AN	7491	DM8553N	8553	DM74182N	74182	DR352	109
DM74LS163	74LS163A	DM74LS336	74LS336A	DM74S477J	74S477	DM7492N	7492	DM8553PC	8553	DM74190N	74190	DR365	109
DM74LS163N	74LS163A	DM74LS336ASP	74LS336A	DM74S477JL	74S477	DM7493A	7493A	DM8554	8554	DM74191N	74191	DR365	109
DM74LS164	74LS164	DM74LS336AST	74LS336A	DM74S477NL	74S477	DM7493AN	7493A	DM8554PC	8554	DM74196N	74196	DR400	116
DM74LS164N	74LS164	DM74LS336J	74LS336A	DM74S477N	74S477	DM7493N	7493A	DM8554PC	8554	DM74197N	74197	DR426	109
DM74LS165	74LS165	DM74LS336N	74LS336A	DM84	1277	DM7495N	7495	DM8555	8555	DM74198N	74198	DR427	116
DM74LS165J	74LS165	DM74LS336N	74LS336	DM84	4016B	DM7496N	7496	DM8555N	8555	DM74199N	74199	DR434	109
DM74LS165N	74LS165	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74251	74251	DR435	116
DM74LS166	74LS166	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74251J	74251	DR449	109
DM74LS166J	74LS166	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74251N	74251	DR464	109
DM74LS166N	74LS166	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74251N	74251	DR500	116
DM74LS168	74LS168A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74365J	74365	DR600	116
DM74LS168N	74LS168A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74365N	74365	DR668	116
DM74LS168AJ	74LS168A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74366J	74366	DR669	116
DM74LS168AN	74LS168A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74366J	74366	DR670	116
DM74LS168J	74LS168A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74366N	74366	DR671	116
DM74LS168N	74LS168A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74367	74367	DR695	116
DM74LS169	74LS169A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74367J	74367	DR698	116
DM74LS169A	74LS169A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74367N	74367	DR699	116
DM74LS169AJ	74LS169A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368	74368	DR700	125
DM74LS169AN	74LS169A	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368J	74368	DR800	125
DM74LS170	74LS170	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368N	74368	DR826	116
DM74LS170J	74LS170	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368N	74368	DR848	116
DM74LS170N	74LS170	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368N	74368	DR853	116
DM74LS170J	74LS170	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368N	74368	DR853	116
DM74LS170N	74LS170	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368N	74368	DR853	116
DM74LS170J	74LS170	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368N	74368	DR853	116
DM74LS170N	74LS170	DM74LS336N	74LS336	DM84	834	DM7496N	7496	DM8555PC	8555	DM74368N	74368	DR853	116
DM74LS170J	74LS170	DM74LS336N											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
DRS1	116	DS-16B(Sanyo)	116	DS76	123A	DS230C	558	DS125-07A	6042	DT4303	283	DTS310	283
DRS2	156	DS-16C(Sanyo)	116	DS77	123A	DS230D	558	DS135-02A	6026	DT4304	283	DTS311	283
DRS102	116	DS-16D	116	DS-78	161	DS330A	552	DS1-104-2	519	DT4305	283	DTS401	162
DRS104	116	DS-16D(Sanyo)	116	DS78	161	DS330B	552	DS-IM	116	DT4306	283	DTS402	283
DRS106	116	DS16E	116	DS79	116	DS330C	558	DS153	177	DT6110	121	DTS403	283
DRS107	125	DS-16E(Sanyo)	116	DS-79	116	DS330D	558	DS188	109	DTA05B	5655	DTS409	388
DRS108	125	DS16F	116	DS-79(Delco)	116	DS-410	177	DS953	156	DTA05C	5655	DTS410	385
DRS-110	125	DS16G	125	DS-80	116	DS410	177	DS16685	109	DTA05E	5656	DTS411	94
DRS163	6354	DS16NB	116	DS80	116	DS410(Ampex)	177	DS25110	5156A	DTA2B	5629	DTS413	283
DRS163R	6355	DS16NC	116	DS80-04A	6155	DS410(Emerson)	177	DS25706	5120A	DTA2C	5629	DTS423	385
DRS164	6354	DS16ND	116	DS81	161	DS410(FANON)	177	DS25707	5121A	DTA2E	5629	DTS423M	53
DRS164R	6355	DS16NE	116	DS-82	159	DS-410(Motorola)	123A	DS25708	5122A	DTA3C	5629	DTS424	283
DRS165	6356	DS16NE(Sony)	506	DS82	159	DS410(G.E.)	109	DS25709	5124A	DTA3E	5629	DTS425	283
DRS165R	6357	DS16NY	116	DS83	159	DS410(Westinghouse)	177	DS25710	5125A	DTA8C	5633	DTS430	52
DRS166	6356	DS-16YA	116	DS-83	159	DS410(Courier)	177	DS25712	5127A	DTA8E	5635	DTS431	52
DRS166R	6357	DS17	116	DS-85	161	DS410(Olympic)	177	DS25713	5128A	DTA8F	5637	DTS431M	52
DRS167	6358	DS17(Tran)	102A	DS85	161	DS410R	177	DS25714	5129A	DTA8G	5637	DTS-515	53
DRS167R	6359	DS-17(Sanyo)	116(2)	DS-86	129	DS410R(G.E.)	109	DS25715	5130A	DTA10C	5633	DTS-516	53
DRS168	6358	DS17(Recf)	116	DS-88	312	DS422	177	DS25716	5131A	DTA10E	5635	DTS-517	53
DRS168R	6359	DS17(Admiral)	116	DS88	312	DS430	116	DS25718	5133A	DTA10F	5637	DTS-518	53
DRS169	6358	DS17(Rectifier)	116	DS89	117A	DS441	177	DS25720	5135A	DTA10G	5637	DTS-519	53
DRS169R	6359	DS-17-6A	116	DS-94	289A	DS442	177	DS25722	5136A	DTA12C	5600A	DTS701	164
DRS203	6354	DS17N	116	DS94	123A	DS-442	177	DS25724	5137A	DTA12E	5600E	DTS702	165
DRS203R	6355	DS-18	116	DS96	106	DS-442(Sears)	177	DS25727	5139A	DTA12F	5600H	DTS704	165
DRS204	6354	DS18	116	DS97	177	DS442FM	177	DS25730	5141A	DTA12G	5600H	DTS801	389
DRS204R	6355	DS-18(Sanyo)	116(2)	DS-97	177	DS442-VG1	519	DS25736	5143A	DTA16C	5600A	DTS802	165
DRS205	6356	DS-18(Delco)	109	DS97(Delco)	177	DS442X	519	DS25756	5148A	DTA16E	5600E	DTS804	165
DRS205R	6357	DS-18(GE)	116(2)	DS-102	222	DS442X-BT	519	DS25760	5149A	DTA16F	5600H	DTS3705	162
DRS206	6356	DS18(Sears)	116(2)	DS104	177	DS443	177	DT18N(Chan.Master)	116	DTA16G	5600H	DTS3705A	162
DRS206R	6357	DS18N	116	DS104(Zener)	137A	DS446	519	DT18N400KOC	5712	DTA114EA	2356	DTS3705B	162
DRS207	6358	DS-19	102A	DS-105	222	DS448	519	DT18N600KOC	5712	DTA114EF	2356	DTS4062	98
DRS207R	6359	DS19	116(2)	DS105	222	DS-448	519	DT18N800KOC	5712	DTA114EK	2415	DTS4066	98
DRS208	6358	DS-19(Sanyo)	116(2)	DS105K	222	DS448FA1	519	DT18N1100KOC	5712	DTA114ES	2356	DTS4067	98
DRS208R	6359	DS-19(Rectifier)	116	DS-105K	222	DS-503	104	DT18N1200KOC	5712	DTA124EF	2358	DTS4072	98
DRS209	6358	DS21	100	DS-106	222	DS503	104	DT25N400KOC	5712	DTA124EK	2417	DTS4074	98
DRS209R	6359	DS22	100	DS-107	135A	DS-509	130	DT25N600KOC	5712	DTA124EN	2358	DTS4075	98
DRS243	6354	DS22-04A	5991	DS-108	142A	DS509	130	DT25N800KOC	5712	DTA124ES	2358	DTT-1N60	109
DRS243R	6355	DS22-07A	5999	DS-110	144A	DS512	128	DT25N1100KOC	5712	DTA124K	2417	DTT-TLR104	3012A
DRS244	6356	DS23	100	DS111	78	DS-512	128	DT25N1200KOC	5712	DTA124N	2358	DTUL9093	9093
DRS244R	6357	DS24	126A	DS111	78	DS513	152	DT32N400KOC	5712	DTA144EA	2360	DTUL9099	9099
DRS245	6358	DS25	126A	DS-112	79	DS-513	152	DT32N600KOC	5712	DTA144EF	2360	DTUL9930	9930
DRS245R	6359	DS25-01A	5827	DS112	79	DS-514	130	DT32N800KOC	5712	DTA144EK	2419	DTUL9932	9932
DRS246	6358	DS25-02A	5827	DS-113	519	DS515	121	DT32N1100KOC	5712	DTA144EN	2360	DTUL9933	9933
DRS246R	6359	DS25-03A	5829	DS-113A	506	DS-515	121	DT32N1200KOC	5712	DTA144ES	2360	DTUL9935	9935
DRS247	6358	DS25-05A	5829	DS113B	506	DS519	130	DT36N200KOC	5712	DTA144F	2360	DTUL9936	9936
DRS247R	6359	DS25-06A	5829	DS-113B	506	DS520	121	DT36N400KOC	5712	DTA144N	2360	DTUL9944	9944
DRS248	6358	DS26	102A	DS-114	614	DS-742	107	DT36N600KOC	5712	DTB8C	5645	DTUL9945	9945
DRS248R	6359	DS27	109	DS-116	453	DS-781	107	DT36N800KOC	5712	DTB8E	5645	DTUL9946	9946
DRS249	6358	DS-27	109	DS-117	177	DS-831	159	DT36N1100KOC	5712	DTB8F	5645	DTUL9948	9948
DRS249R	6359	DS-28(Delco)	100	DS-117(ZENER)	143A	DS-832	159	DT36N1200KOC	5712	DTB8G	5645	DTUL9949	9949
DRZ2100	116	DS29	102A	DS-130	116	DS-836	108	DT41	121	DTB10C	5645	DTUL9961	9961
DS-0065	116	DS-31	5071A	DS130	116	DS-838	123AP	DT42N400KOC	5712	DTB10E	5645	DTUL9962	9962
DS1	116	DS31	177	DS-130A	116	DS-854	232	DT42N600KOC	5712	DTB10F	5645	DTUL9963	9963
DS1-002-0	177	DS-31(Diode)	177	DS-130B	116	DS858	618	DT42N800KOC	5712	DTB10G	5645	DTUL9964	9964
DS-1(Delco)	103A	DS-31(Delco)	177	DS130B	116	DS-873	618	DT42N1100KOC	5712	DTB16C	5679	DTZ13A	4919
DS1B	123A	DS-31(Zener)	5071A	DS-130C	116	DS1005-1X8628	519	DT42N1200KOC	5712	DTB16E	5679	DTZ18	4927
DS1K	116	DS33(Delco)	109	DS130D	116	DS1355-Y	54#	DT45N800KOC	5712	DTB16F	5679	DTZ21A	4927
DS-1K	125	DS34	160	DS130E	116	DS1488	75188	DT45N1100KOC	5712	DTB16G	5679	DTZ20A	4929
DS1K7	116	DS35	160	DS-130F	116	DS1488J	75188	DT46N1100KOC	5712	DTB16H	5679	DTZ22A	4929
DS1M	156	DS35-02A	6027	DS130N	116	DS1488N	75188	DT46N200KOC	5712	DTC16E	5679	DTZ27	4935
DS-1M	116	DS35-04A	6035	DS130ND	116	DS1489	75189	DT46N400KOC	5712	DTC16F	5679	DTZ27A	4935
DS1N	116	DS35-07A	6043	DS130T	125	DS1489AN	75189	DT46N600KOC	5712	DTC16G	5679	DTZ21	4951
DS-1P	116	DS36	126A	DS-130T	125	DS1489J	75189	DT46N800KOC	5712	DTC114EF	2355	DTZ1A	4951
DS1P	116	DS37	160	DS130TA	125	DS1489N	75189	DT46N1100KOC	5712	DTC114EK	2414	DTZ68	4959
DS1S88	519	DS38	126A	DS130TAL-FB2	125	DS1588	519	DT46N1200KOC	5712	DTC114ES	2355	DTZ68A	4959
DS-1U	507	DS38(Sanyo)	116	DS130TB	125	DS1887FA	116	DT60N400KOC	5712	DTC124EA	2357	DTZ200	4989
DS-1.5-2	156	DS38(Craig)	116	DS130TC	125	DS2471	177	DT60N600KOC	5712	DTC124EF	2357	DTZ200A	4989
DS2	101	DS38(Delco)	160	DS130TD	125	DS2473	519	DT60N800KOC	5712	DTC124EK	2418	DU1	160
DS2K	116	DS38(DIODE)	116	DS130TE	125	DS2478	519	DT60N1100KOC	5712	DTC124ES	2357	DU2	160
DS2M	125	DS39	110MP	DS130TY	116	DS2525G	552	DT60N1200KOC	5712	DTC124N	2357	DU3	102A
DS2N	116	DS41	160	DS-130Y	116	DS5733	5142A	DT75N400KOC	5722	DTC144EA	2359	DU4	158
DS-2N	156	DS42	160	DS130YB	116	DS5775	5152A	DT75N600KOC	5722	DTC144EF	2359	DU5	102A
DS3	102A	DS44	123A	DS130YB	116	DS8674N	837A	DT75N800KOC	5722	DTC144F	2418	DU6	104
DS4	101	DS45	123A	DS130YC	116	DS870	2027	DT75N1100KOC	5722	DTC144EN	2359	DU7	105
DS5	101	DS46	123A	DS130YD	116	DS8870J	2027	DT75N1200KOC	5722	DTC144ES	2359	DU12	160
DS5BN-L	5312	DS47	123A	DS130YE	116	DS8870N	2027	DT80	105	DTC144F	2359	DU47	105
DS-5BN-L	5312	DS-47	123A	DS130YE	116	DS8880	2028	DT95N400KOC	5722	DTC144K	2418	DU400	116
DS6	101	DS50	136A	DS131	116	DS8880F	2028	DT95N600KOC	5722	DTC144N	2418	DU600	116
DS7	101	DS51	126A	DS131A	116	DS8880J	2028	DT95N800KOC	5722	DE16E	5679	DU800	125
DS8	101	DS52	126A	DS-131A	116	DS8880N	2028	DT95N1100KOC	5722	D-TEX-8	904	DU1000	125
DS-8	102A	DS53	100	DS131A	116	DS8889	2030	DT95N1200KOC	5722	DTG110	121	DV2209	614
DS8T26	6880	DS55	614	DS131B	116	DS8889J	2030	DT100	105	DTG110A	179	DVGDF108B	116
DS8T26A	6880	DS55	614	DS-131B	116	DS8889N	2030	DT101	123A	DTG110B	179	DVMV1Y	601
DS8T26AJ	6880	DS56	160	DS132	116	DS75115	9615	DT230B	506	DTG400M	179	DVR-8	964
DS8T26AN	6880	DS58(SANYO)	116	DS132	125(2)	DS75450N	75450B	DT230H	552	DTG600	179	DVV004	614
DS8T26J	6880	DS60	172A	DS-132A	116	DS75451N	75451B	DT401	104	DTG601	179	DW134C	171
DS8T26N	6880	DS-60	172A	DS132A	116	DS75452N	75452B	DT402	154	DTG602	179	DW6034M	123A
DS8T28	6889	DS62	160	DS-132B	116	DS75453N	75453B	DT1040	121	DTG603	179	DW6195	128
DS8T28N	6889	DS64	160	DS133A	116(2)	DS75454N	75454B	DT1110					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
DX-0099	116	DX-0749	612	DZB6.2	137A	EOM1DA22	B40240	E102	457	E1661Z	5014A	EA0015	116
DX0101CE	552	DX-0750	601	DZB6.8	5071A	EOM1DA24	B40240	E102(Elcom)	116	E1672Z	5036A	EA0016	116
DX0105TA	552	DX-0751	5313	DZB6.8C	5071A	EOM1DA42	B40240	E103	312	E1704R	125	EA0031	116
DX0110CE	116	DX-0752	601	DZB7.5	138A	EOM1DA44	B40240	E105	126A	E1705R	558	EA0053	160
DX0112	135A	DX-0862	5020A	DZB7.5C	138A	EOM1DA52	B40240	E106(Elcom)	116	E1714ZS	5010A	EA0081	128
DX0113	5074A	DX-0893	116	DZB8.2	5072A	EOM1DA54	B40240	E108(Elcom)	125	E1717R	125	EA0086	129
DX0115CE	125	DX-0955	109	DZB8.2C	5072A	EOM1DA72	B40240	E111	466	E1720R	125	EA0087	129
DX0117TA	552	DX-0983	5014A	DZB9.1	139A	EOM1DA74	B40240	E111A	466	E1725RM	580	EA0090	128
DX-0121	147A	DX-0985	553	DZB9.1C	139A	EOM1DA92	B40240	E112(SDG)	467	E1732R	552	EA0091	108
DX0123CE	552	DX-0986	139A	DZB10	140A	EOM1DA94	B40240	E112A	466	E1750Z	5070A	EA0092	123A
DX0125CE	116	DX-0987	135A	DZB10C	140A	EOM1DB22	B40240	E113	466	E1756ZB	5017A	EA0093	108
DX0126	610	DX0989	135A	DZB11	5074A	EOM1DB24	B40240	E113A	466	E1756ZC	5018A	EA0094	108
DX-0126	610	DX0990	5070A	DZB11C	5074A	EOM1DB42	B40240	E114(SDG)	467	E1775R	177	EA0095	108
DX0126CE	552	DX-0990	156	DZB12	142A	EOM1DB44	B40240	E125C200	116	E1779R	580	EA010	116
DX0128CE	156	DX0991	5072A	DZB12C	142A	EOM1DB52	B40240	E132	102A	E1786R	552	EA020	116
DX0130CE	552	DX-0994	140A	DZB13	143A	EOM1DB54	B40240	E135	116	E1789R	116	EA030	116
DX0131CE	552	DX-0995	530A	DZB13C	143A	EOM1DB72	B40240	E143	116	E1791R	552	EA040	116
DX0132CE	515	DX-0999	5009A	DZB15	145A	EOM1DB74	B40240	E146	116	E1794R	552	EA050	116
DX0135TA	552	DX105T	552	DZB15C	145A	EOM1DB92	B40240	E150L	116	E1810ZA	5035A	EA060	116
DX0142CE	519	DX135TA	552	DZB16	5075A	EOM1DB94	B40240	E158	102A	E1810ZB	5035A	EA080	125
DX-0143	5332	DX520	116	DZB16C	5075A	EOM1DB23-32	524V25/B40240 +	E-167-228	128	E1821ZA	5014A	EA15X1	123A
DX0150	601	DX-1007	614	DZB18	5077A	EOM1DB25-32	524V25/B40240 +	E181	102A	E1821ZB	5014A	EA15X2	102A
DX-0150	601	DX-1008	519	DZB18C	5077A	EOM1DB43-32	524V25/B40240 +	E181A	102A	E1821ZC	5015A	EA15X3	102A
DX-0152	109	DX-1013	138A	DZB18C	5077A	EOM1DB45-32	524V25/B40240 +	E181B	102A	E1821ZD	5015A	EA15X4	102A
DX0152CE	5314	DX1018	108	DZB20	5079A	EOM1DB53-32	524V25/B40240 +	E181C	102A	E1821ZA	5015A	EA15X5	160
DX0154CE	116	DX-1039	125	DZB20C	5079A	EOM1DB55-32	524V25/B40240 +	E181D	102A	E1829R	125	EA15X6	105
DX0155CE	116	DX-1043	5014A	DZB22	5080A	EOM1DB75-32	524V25/B40240 +	E185B121712	157	E1852	142A	EA15X7	102A
DX-0156	109	DX-1044	5015A	DZB22C	5080A	EOM1DB93-32	524V25/B40240 +	E202(Elcom)	156	E212	100	EA15X8	102A
DX-0159	5011A	DX-1056	519	DZB24	5081A	EOM1DB95-32	524V25/B40240 +	E203	466	E2427	101	EA15X9	123A
DX0160	109	DX-1080	613	DZB24C	5081A	EOM1DB3032	524V25/B40240 +	E204(SDG)	457	E2428	101	EA15X10	121
DX0161	109	DX-1088	519	DZB27	146A	EOM1DE22	B40240	E210(SDG)	451	E2429	101	EA15X11	160
DX-0161	109	DX-1107	109	DZB27C	146A	EOM1DE24	B40240	E211	451	E2430	123A	EA15X12	121
DX-0162	109	DX-1118	519	DZB30	5084A	EOM1DE42	B40240	E213	159	E2431	123A	EA15X13	160
DX0162	109	DX-1126	5013A	DZB30C	5084A	EOM1DE44	B40240	E232	466	E2434	108	EA15X14	116
DX-0164	5002A	DX-1139	519	E0011	614	EOM1DE52	B40240	E241	102A	E2435	108	EA15X15	121
DX0164CE	525	DX-1154	5022A	E0018	109	EOM1DE54	B40240	E241A	102A	E2436	123A	EA15X18	123A
DX0177TA	552	DX-1161	552	E-00585-0014	5400	EOM1DE74	B40240	E241B	102A	E2438	160	EA15X19	102A
DX0181CE	552	DX-1162	5332	E-00585-0023	159	EOM1DE92	B40240	E262	142A	E2439	160	EA15X20	123A
DX0200CE	5332	DX-1163	142A	E-00585-0029	5411	EOM1DE94	B40240	E300	312	E2440	160	EA15X22	123A
DX0202CE	552	DX-1165	5457	E-00585-0031	123AP	E1	116	E300(Elcom)	5809	E2441	128	EA15X23	102A
DX0203CE	580	DX1170	137A	E-00585-0032	288	E1A	107	E300L	116	E2444	123A	EA15X24	123A
DX-0207	116	DX-1222	5014A	E-00585-0033	287	E1CM-0060	1155	E302(Elcom)	5802	E2445	102A	EA15X25	102A
DX0208CE	5332	DX-1226	605A	E-00585-0034	263	E1M3	125	E304	312	E2447	103A	EA15X26	121
DX-0240	109	DX-1247	5013A	E-00585-0035	396	E1N3	125	E304(Elcom)	5804	E2448	102A	EA15X27	160
DX-0241	109	DX-1248	5009A	E-00585-0042	175	E2	116	E305	451	E2449	128	EA15X28	102A
DX0253	109	DX-1249	5016A	E-00585-0043	291	E-2SC536AG-SP	199	E306(Elcom)	5806	E2450	160	EA15X29	160
DX-0253	109	DX-1263	5313	E-00585-0065	5462	E-2SC536E-NP	85	E308(Elcom)	5808	E2451	126A	EA15X30	160
DX-0259	177	DX-1275	605A	E-00587-0016	116	E-2SC536D-NP	107	E318-1	128	E2452	123A	EA15X31	123A
DX0270	177	DX-1276	5013A	E-00587-0014	519	E-2SC536E-NP	107	E629	108	E2453	102A	EA15X33	121
DX-0270	177	DX1315	5315	E-00587-0015	116	E-2SC1923-O	107	E650L	116	E2454	123A	EA15X35	121
DX-0272	177	DX-1325	109	E-00598-0007	151A	E-2SD734G	85	E660	113A	E2455	123A	EA15X36	102A
DX0273	519	DX-1348	5018A	E-00598-0008	5016A	E2SF-14A603-AA	107	E713(BALLY)	2V130	E2459	123A	EA15X37	123A
DX-0273	519	DX-1382	611	E-00598-0010	5054A	E2SF-14A674-AA	964	E750(Elcom)	116	E2460	124	EA15X38	121
DX0282	116	DX-1430	552	E-00598-0011	955M	E2SF-14A674-BA	960	E752(Elcom)	116	E2461	123A	EA15X40	160
DX-0287	177	DX-1535	5024A	E-00602-002	5340	E2SF-14A674-CA	928M	E756(Elcom)	116	E2462	160	EA15X41	160
DX-0299	519	DX1556	5016A	E-00602-003	5313	E2SF14A674HA	1396	E758(Elcom)	125	E2464	103A + 102A(CP)	EA15X43	160
DX0301	611	DX-1632	116	E-00602-006	5322	E2SF-14A674-HA	1396	E760(Elcom)	125	E2465	102A	EA15X44	123A
DX0301	611	DX-1683	5019A	E-00602-007	5340	E2SF-14R603-AA	107	E1011	116	E2465	102A	EA15X45	123A
DX0302	612	DX-1691	5015A	E-00602-004	955M	E2SF-16R918-AA	618	E1019N	116	E2466	103A	EA15X48	108
DX-0307	612	DX-1692	167	E-00620-0005	4011B	E2SF674-HA	1396	E1031RT	109	E2466	103A	EA15X49	108
DX-0312	601	DX1753	5014A	E-00620-0007	4050B	E3	116	E1121R	177	E2467	102A	EA15X50	108
DX-0313	601	DX-1773	552	E-00620-0028	6800	E3-10A4A	A40240	E1124	116	E2474	160	EA15X51	108
DX-0314	601	DX-1802	5029	E-00620-0048	740A	E3-10D1A	B40240	E1176ALC1A	113A	E2475	160	EA15X52	123A
DX-0316	601	DX-1829	5016A	E-00620-0030	6810	E3-25D1A	B40240	E1208ZG	5021A	E2476	102A	EA15X53	121
DX-0322	177	DX-1834	5018A	E-00620-0032	4502B	E3-40A4A	A40240	E1216ZG	142A	E2477	160	EA15X54	108
DX-0349	116	DX-1912	552	E-00620-0033	4049	E3-40D1A	B40240	E1221R	177	E2478	160	EA15X55	108
DX-0365	601	DX-1981	5019A	E-00620-0035	9602	E5	158	E1222ZP	5037A	E2479	160	EA15X56	123A
DX0389	5074A	DX-1983	5029	E-00620-0037	40175B	E6	116	E1225ZP	5037A	E2480	102A	EA15X57	128
DX-0402	139A	DX-2060	5016A	E-00620-0038	4543B	E6-4040	B40480	E1229R	519	E2481	102A	EA15X58	123A
DX0403	5021A	DX-2061	5014A	E-00620-0042	65101	E6-1010	B40240	E1234R	519	E2482	102A	EA15X59	123A
DX-0405	5022A	DX-2087	519	E-00620-0047	941M	E6-1025	B40240	E1234R	519	E2484	110MP	EA15X63	123A
DX-0445	116	DX-2137	5332	E-00620-0048	740A	E6-1040	B40240	E1237RF	116	E2486	137A	EA15X66	160
DX0445	116	DX-2149	5013A	E-00620-0108	4028B	E6-2025	B40240	E1256R	177	E2489B	128	EA15X67	102A
DX-0475	116	DX-2150	5020A	E-00620-0125	6802	E6-2025	B40240	E1256R	552	E2491	727	EA15X68	123A
DX-0475	116	DX-2272	519	E-00620-0126	992	E6-2025	B40240	E1270R	552	E2496	152	EA15X69	106
DX-0479	612	DX-2273	552	E-00620-0127	1232	E6-2040	B40240	E1286R	519	E2497	123A	EA15X70	106
DX0501	5013A	DX-2274	552	E-00620-0134	40175B	E6-4010	B40480	E1293Z	5037A	E2498	129	EA15X71	106
DX-0516	605A	DX-2275	552	E-00620-0137	40175B	E6-4010	B40480	E1293Z	5037A	E2499	123A	EA15X72	123A
DX-0517	605A	DX-2276	116	E-00620-0139	74LS04	E6-4040	B40480	E1303Z	5012A	E2506	116	EA15X73	123A
DX-0526	116	DX-2277	552	E-00620-0165	961	E8	125	E1304R	125	E4002	101	EA15X75	123A
DX-0529	134A	DX-2278	5080A	E-00620-0168	74LS155	E9	125	E1308R	552	E4676B	116	EA15X76	123A
DX-0530	5013A	DX-2279	5029A	E-00620-0169	74LS151	E10	125	E1314R	552	E6052	312	EA15X77	123A
DX-0533	5018A	DX-2280	5074A	E-00620-0171	98	E13-000-03	123A	E1410	116	E6052	229	EA15X83	123A
DX-0537	5022A	DX-2306	5021A	E-00620-0172	3047	E13-000-04	123A	E1322Z	5012A	E10116	116	EA15X84	123A
DX-0543	177	DX-2517	5019T1	E-00620-1									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
EA15X142.....	123A	EA15X366.....	312	EA15X499.....	229	EA15X8502.....	123AP	EA16X150.....	140A	EA33X8357.....	1006	EA57X4.....	116
EA15X143.....	123A	EA15X367.....	123A	EA15X500.....	289A	EA15X8511.....	123AP	EA16X151.....	605A	EA33X8362.....	1180	EA57X8.....	116
EA15X144.....	128	EA15X368.....	107	EA15X501.....	85	EA15X8514.....	293	EA16X152.....	519	EA33X8363.....	1180	EA57X10.....	116
EA15X152.....	199	EA15X369.....	85	EA15X503.....	293	EA15X8515.....	123AP	EA16X154.....	5011A	EA33X8364.....	799	EA57X11.....	116
EA15X152(Diode).....	177	EA15X370.....	123A	EA15X504.....	293	EA15X8516.....	108	EA16X157.....	140A	EA33X8366.....	1027	EA57X14.....	116
EA15X153.....	123A	EA15X371.....	123A	EA15X505.....	294	EA15X8517.....	293	EA16X161.....	5016A	EA33X8367.....	1003	EA57X16.....	5304
EA15X154.....	131	EA15X372.....	235	EA15X506.....	290A	EA15X8518.....	123AP	EA16X162.....	142A	EA33X8368.....	1036	EA57X17.....	5304
EA15X157.....	123A	EA15X373.....	123A	EA15X507.....	261	EA15X8519.....	123AP	EA16X163.....	5012A	EA33X8371.....	1124	EA57X18.....	116
EA15X160.....	186	EA15X374.....	85	EA15X509.....	289A	EA15X8520.....	85	EA16X164.....	5075A	EA33X8372.....	1142	EA100.....	125
EA15X161.....	199	EA15X375.....	102A	EA15X510.....	152	EA15X8521.....	297	EA16X165.....	136A	EA33X8373.....	789	EA1072.....	116
EA15X162.....	123A	EA15X376.....	229	EA15X512.....	123AP	EA15X8522.....	298	EA16X166.....	610	EA33X8374.....	1179	EA1080.....	123A
EA15X163.....	123A	EA15X377.....	199	EA15X513.....	192	EA15X8523.....	123AP	EA16X171.....	177	EA33X8375.....	801	EA1081.....	102A
EA15X164.....	102A	EA15X378.....	297	EA15X514.....	123A	EA15X8524.....	159	EA16X172.....	177	EA33X8376.....	1010	EA1082.....	121
EA15X165.....	312	EA15X379.....	123A	EA15X515.....	152	EA15X8525.....	152	EA16X173.....	5016A	EA33X8377.....	1135	EA1123.....	109
EA15X167.....	123A	EA15X380.....	306	EA15X520.....	85	EA15X8529.....	123A	EA16X175.....	139A	EA33X8378.....	722	EA1128.....	123A
EA15X168.....	123A	EA15X381.....	235	EA15X524.....	199	EA15X8531.....	123AP	EA16X176.....	610	EA33X8380.....	1055	EA1129.....	123A
EA15X169.....	312	EA15X382.....	199	EA15X525.....	152	EA15X8576.....	123AP	EA16X177.....	614	EA33X8381.....	1181	EA1135.....	123A
EA15X173.....	121	EA15X383.....	37A	EA15X1014.....	123AP	EA15X8589.....	108	EA16X181.....	109	EA33X8383.....	1301	EA1145.....	123A
EA15X176.....	229	EA15X384.....	229	EA15X1117.....	123AP	EA15X8601.....	123AP	EA16X182.....	177	EA33X8384.....	1193	EA1318.....	142A
EA15X180.....	123A	EA15X385.....	290A	EA15X1133.....	85	EA15X8602.....	123AP	EA16X183.....	600	EA33X8385.....	7473	EA1337.....	160
EA15X184.....	172A	EA15X385(FET).....	312	EA15X1422.....	107	EA15X8605.....	185	EA16X184.....	5019A	EA33X8387.....	1185	EA1338.....	160
EA15X185.....	294	EA15X385(Transistor).....	107	EA15X1423.....	107	EA15X8608.....	108	EA16X185.....	5013A	EA33X8388.....	1167	EA1339.....	160
EA15X189.....	123A	EA15X388.....	123A	EA15X1424.....	85	EA15X8609.....	108	EA16X186.....	616	EA33X8389.....	1155	EA1340.....	160
EA15X190.....	229	EA15X389.....	128	EA15X1425.....	107	EA15X8610.....	108	EA16X187.....	116	EA33X8390.....	1475	EA1341.....	121
EA15X191.....	102A	EA15X390.....	129	EA15X1427.....	85	EA15X386.....	199	EA16X188.....	136A	EA33X8391.....	1140	EA1342.....	160
EA15X192.....	312	EA15X391.....	235	EA15X1710.....	152	EA15X395.....	290A	EA16X189.....	140A	EA33X8392.....	1192	EA1343.....	108
EA15X193.....	312	EA15X392.....	236	EA15X2015.....	107	EA16X1.....	109	EA16X190.....	5019A	EA33X8394.....	1192	EA1344.....	123A
EA15X194.....	129	EA15X393.....	229	EA15X2025.....	107	EA16X2.....	116	EA16X191.....	136A	EA33X8395.....	1249	EA1345.....	123A
EA15X203.....	102A	EA15X394.....	312	EA15X2025.....	107	EA16X4.....	141A	EA16X192.....	611	EA33X8396.....	1155	EA1346.....	102A
EA15X207.....	102A	EA15X395.....	290A	EA15X2110(CBE).....	123AP	EA16X5.....	109	EA16X193.....	607	EA33X8397.....	1248	EA1405.....	177
EA15X212.....	102A	EA15X396.....	290A	EA15X2112(CBE).....	123AP	EA16X6.....	141A	EA16X193(Zener).....	5000A	EA33X8398.....	1193	EA1406.....	123A
EA15X213.....	199	EA15X397.....	293	EA15X212.....	289A	EA16X8.....	116	EA16X193(Varistor).....	607	EA33X8399.....	9946	EA1407.....	123A
EA15X227.....	102A	EA15X398.....	306	EA15X4064.....	107	EA16X9.....	109	EA16X203.....	302A	EA33X8400.....	2060	EA1408.....	123A
EA15X231.....	312	EA15X399.....	199	EA15X4152.....	107	EA16X11.....	109	EA16X205.....	3012A	EA33X8405.....	2061S	EA1448.....	116
EA15X233.....	159	EA15X400.....	312	EA15X4335.....	85	EA16X20.....	177	EA16X207.....	3007	EA33X8406.....	955M	EA1451.....	123A
EA15X234.....	188	EA15X401.....	312	EA15X4531.....	192	EA16X21.....	116	EA16X213.....	3007	EA33X8469.....	923D	EA1452.....	123A
EA15X235.....	189	EA15X402.....	222	EA15X4532.....	123A	EA16X22.....	109	EA16X228.....	3007	EA33X8479.....	941M	EA1499.....	123A
EA15X237.....	16A	EA15X403.....	159	EA15X4533.....	289A	EA16X27.....	109	EA16X230.....	3074	EA33X8491.....	2061S	EA1549.....	128
EA15X238(2 Gate).....	220	EA15X403(ECB).....	159	EA15X4632.....	159	EA16X29.....	142A	EA16X231.....	3156	EA33X8500.....	1100	EA1562.....	108
EA15X238(D, S, G1, G2).....	222	EA15X404.....	85	EA15X4633.....	290A	EA16X30.....	116	EA16X241.....	137A	EA33X8501.....	1272	EA1563.....	108
EA15X238(1 Gate).....	312	EA15X405.....	222	EA15X4634.....	159	EA16X33.....	116	EA16X314.....	139A	EA33X8504.....	1228	EA1564.....	123A
EA15X239.....	107	EA15X406.....	186A	EA15X4810.....	85	EA16X34.....	116	EA16X400.....	5010A	EA33X8505.....	1465	EA1578.....	123A
EA15X240.....	123A	EA15X407.....	152	EA15X4811.....	85	EA16X35.....	1003	EA16X402.....	5073A	EA33X8508.....	1249	EA1581.....	123A
EA15X241.....	199	EA15X408.....	297	EA15X4812.....	85	EA16X36.....	116	EA16X403.....	109	EA33X8509.....	1192	EA1582.....	123A
EA15X242.....	290A	EA15X409.....	295	EA15X5939.....	123AP	EA16X38.....	5080A	EA16X404.....	116	EA33X8510.....	123A	EA1630.....	123A
EA15X243.....	185	EA15X410.....	235	EA15X6840.....	102A	EA16X39.....	177	EA16X405.....	116	EA33X8511.....	801	EA1632.....	123A
EA15X244.....	184	EA15X411.....	152	EA15X7112.....	123A	EA16X47.....	5015A	EA16X406.....	135A	EA33X8515.....	1466	EA1638.....	123A
EA15X245.....	199	EA15X412.....	123A	EA15X7113.....	108	EA16X47(Diode).....	109	EA16X407.....	139A	EA33X8516.....	1463	EA1639.....	123A
EA15X246.....	85	EA15X413.....	293	EA15X7114.....	108	EA16X47(Zener).....	138A	EA16X408.....	139A	EA33X8521.....	1515	EA1672.....	116
EA15X247.....	172A	EA15X414.....	235	EA15X7115.....	123A	EA16X48.....	109	EA16X409.....	116	EA33X8522.....	1439	EA1684.....	128
EA15X248.....	186	EA15X415.....	316	EA15X7117.....	107	EA16X49.....	177	EA16X410.....	177	EA33X8526.....	1624	EA1695.....	123A
EA15X249.....	289A	EA15X416.....	152	EA15X7118.....	123AP	EA16X50.....	5018A	EA16X411.....	5002A	EA33X8528.....	1463	EA1696.....	123A
EA15X250.....	293	EA15X417.....	222	EA15X7119.....	123A	EA16X53.....	139A	EA16X412.....	5014A	EA33X8529.....	1153	EA1697.....	123A
EA15X251.....	85	EA15X418.....	123AP	EA15X7120.....	123A	EA16X54.....	116	EA16X413.....	109	EA33X8530.....	1530	EA1698.....	128
EA15X252.....	229	EA15X419.....	123AP	EA15X7125.....	107	EA16X55.....	116	EA16X414.....	177	EA33X8531.....	4011B	EA1700.....	121
EA15X253.....	123A	EA15X420.....	294	EA15X7136.....	108	EA16X57.....	5080A	EA16X415.....	139A	EA33X8533.....	824	EA1703.....	123A
EA15X254.....	289A	EA15X421.....	199	EA15X7140.....	108	EA16X59.....	177	EA16X417.....	5012A	EA33X8534.....	1470	EA1716.....	123A
EA15X257.....	158	EA15X422.....	123A	EA15X7141.....	107	EA16X60.....	177	EA16X421.....	5013A	EA33X8535.....	1226	EA1718.....	123A
EA15X258.....	199	EA15X423.....	152	EA15X7173.....	319P	EA16X61.....	177	EA16X424.....	5019A	EA33X8537.....	1624	EA1733.....	108
EA15X259.....	199	EA15X424.....	297	EA15X7174.....	319P	EA16X62.....	139A	EA16X425.....	177	EA33X8538.....	1154	EA1735.....	123A
EA15X260.....	159	EA15X425.....	298	EA15X7175.....	123A	EA16X65.....	116	EA16X426.....	5016A	EA33X8539.....	1248	EA1740.....	130
EA15X261.....	128	EA15X427.....	123AP	EA15X7176.....	123A	EA16X67.....	116	EA16X427.....	611	EA33X8540.....	1381	EA1760.....	108
EA15X262.....	152	EA15X428.....	289A	EA15X7177.....	108	EA16X68.....	601	EA16X428.....	109	EA33X8541.....	1563	EA1793.....	108
EA15X264.....	199	EA15X429.....	236	EA15X7178.....	319P	EA16X69.....	601	EA16X429.....	519	EA33X8542.....	1286	EA1872.....	123A
EA15X265.....	289A	EA15X430.....	295	EA15X7179.....	319P	EA16X71.....	116	EA16X430.....	116	EA33X8545.....	1286	EA1873.....	128
EA15X266.....	172A	EA15X431.....	108	EA15X7215.....	107	EA16X73.....	601	EA16X431.....	601	EA33X8546.....	1624	EA2131.....	107
EA15X267.....	289A	EA15X432.....	108	EA15X7228.....	108	EA16X74.....	139A	EA16X433.....	109	EA33X8547.....	1423	EA2132.....	107
EA15X268.....	294	EA15X433(ECB).....	159	EA15X7231.....	107	EA16X75.....	177	EA16X435.....	5071A	EA33X8548.....	823	EA2133.....	126A
EA15X269.....	184	EA15X434.....	85	EA15X7232.....	123A	EA16X76.....	610	EA16X436.....	116	EA33X8550.....	1505	EA2134.....	102A
EA15X270.....	185	EA15X436.....	294	EA15X7233.....	229	EA16X77.....	142A	EA16X438.....	5016A	EA33X8551.....	1465	EA2135.....	102A
EA15X271.....	152	EA15X437.....	229	EA15X7243.....	229	EA16X80.....	137A	EA16X439.....	519	EA33X8558.....	1497	EA2136.....	158
EA15X272.....	123A	EA15X438.....	186	EA15X7245.....	229	EA16X81.....	143A	EA16X440.....	116	EA33X8559.....	1465	EA2137.....	110MP
EA15X273.....	193	EA15X439.....	295	EA15X7246.....	229	EA16X84.....	137A	EA16X442.....	110MP	EA33X8564.....	1624	EA2140.....	116
EA15X274.....	192	EA15X440.....	235	EA15X7247.....	108	EA16X88.....	177	EA16X443.....	5074A	EA33X8566.....	1475	EA2176.....	102A
EA15X278.....	297	EA15X441.....	85	EA15X7242.....	229	EA16X89.....	5067A	EA16X445.....	177	EA33X8567.....	1192	EA2271.....	123A
EA15X288.....	199	EA15X442.....	331	EA15X7243.....	229	EA16X90.....	614	EA16X446.....	177	EA33X8568.....	1215	EA2429.....	199
EA15X325.....	85	EA15X443.....	193	EA15X7244.....	229	EA16X91.....	519	EA16X447.....	177	EA33X8569.....	1654	EA2488.....	186
EA15X326.....	158	EA15X446.....	312	EA15X7245.....	199	EA16X92.....	5020A	EA16X448.....	5011A	EA33X8572			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
EA3447.....	177	EB367GP.....	9367	ED0059.....	116	ED2914.....	116	EE100.....	102	EMJ29AS.....	2402	ENB560D-05B.....	1V035
EA3674.....	186	EB368GN.....	9368	ED0061D.....	5010A	ED2915.....	116	EE101.....	117A	EMJ61SM.....	2431	ENB560D-07B.....	1V035
EA3711.....	229	EB368GP.....	9368	ED0067.....	5629	ED2916.....	116	EE102.....	312	EMJ63SM.....	2431	ENB60D-10B.....	2V035
EA3714.....	159	EB370GN.....	9370	ED0084A.....	5012A	ED2917.....	116	EE2(Elcom).....	312	EMJ110.....	2340	ENB50D-14B.....	2V035
EA3715.....	153	EB370GP.....	9370	ED0084B.....	5012A	ED2918.....	116	EF2.....	312	EMJ428S.....	2401	ENB680D-05B.....	1V040
EA3716.....	152	EB371GN.....	9371	ED0084C.....	5012A	ED2919.....	116	EF4(Elcom).....	222	EMJ7126.....	2049	ENB680D-07B.....	1V040
EA3718.....	109	EB371GP.....	9371	ED0084D.....	5012A	ED2920.....	116	EF5(Elcom).....	222	EMO1A.....	116	ENB680D-10B.....	2V040
EA3719.....	142A	EB372GN.....	9372	ED0109E.....	5013A	ED2921.....	116	EF100.....	125	EMO12.....	116	ENB801D-14A.....	2V050
EA3763.....	199	EB372GP.....	9372	ED0111.....	5004A	ED2922.....	125	EF200.....	525	EMO17.....	116	ENB801D-20A.....	524V48
EA3827.....	116	EB375GN.....	9375	ED0120.....	116	ED2923.....	125	EF214.....	2114	EMS72258.....	519	ENB850D-05A.....	1V050
EA3866.....	139A	EB375GP.....	9375	ED0147.....	5004A	ED2924.....	125	EF214-20.....	2114	EMS73278.....	128	ENB850D-07A.....	1V050
EA3989.....	116	EB380GN.....	9380	ED0173.....	125	ED3000.....	116	EF214-25.....	2114	EMS73500.....	123A	ENB850D-10A.....	2V050
EA3990.....	192	EB380GP.....	9380	ED0214F.....	5013A	ED3000A.....	116	EF214-30.....	2114	EMS72272.....	519	ENB850D-14A.....	2V050
EA4025.....	199	EB382GN.....	9382	ED2(Elcom).....	112	ED3000B.....	116	EF214-40.....	2114	EN697.....	123A	EO65.....	100
EA4026.....	139	EB382GP.....	9382	ED3(Elcom).....	112	ED3001.....	116	EF214P-20.....	2114	EN706.....	123A	EO66.....	100
EA4055.....	152	EB383GN.....	9383	ED-4.....	116	ED3001A.....	116	EF214P-25.....	2114	EN708.....	123A	EO67.....	100
EA4057.....	116	EB383GP.....	9383	ED4(Elcom).....	116	ED3001B.....	116	EF214P-30.....	2114	EN718A.....	123A	EO68.....	100
EA4085.....	152	EB390GN.....	9390	ED-5.....	116	ED3002.....	116	EF6810.....	6810	EN722.....	159	EO70.....	126A
EA4112.....	123A	EB390GP.....	9390	ED-6.....	116	ED3002A.....	116	EF6810C.....	6810	EN744.....	123A	EO105.....	100
EA4147.....	153	EB391GN.....	9391	ED6(Elcom).....	109	ED3002B.....	116	EF6810P.....	6810	EN870.....	128	EO106.....	116
EA5711.....	116	EB391GP.....	9391	ED6.2EB.....	137A	ED3003.....	116	EG100.....	116	EN874.....	123A	EO177.....	139A
EA6801.....	1000	EB392GN.....	9392	ED7.....	116	ED3003A.....	116	EG100H.....	116	EN916.....	108	EO1DA22.....	B40240
EA7314.....	159	EB392GP.....	9392	ED7(Elcom).....	112	ED3003B.....	116	EGA01-11.....	5074A	EN918.....	108	EO1DA24.....	B40240
EA7316A.....	2060	EB393GN.....	9393	ED8(Elcom).....	156	ED3003S.....	116	EGE06-02.....	5543#	EN930.....	123A	EO1DA42.....	B40240
EA7316B.....	2060	EB393GP.....	9393	ED9(Elcom).....	109	ED3004.....	116	EGE06-04.....	5545#	EN956.....	123A	EO1DA44.....	B40240
EA800-17400.....	261	EB394GN.....	9394	ED10(Elcom).....	110MP	ED3004A.....	116	EGE06-06.....	5547#	EN1132.....	123A	EO1DA45.....	B40240
EA800-17500.....	85	EB394GP.....	9394	ED11(Elcom).....	110MP	ED3004B.....	116	EGE06-08.....	5548#	EN1364.....	1231	EO1DA54.....	B40240
EA800-09500.....	290A	EB-134144.....	194	ED12(Elcom).....	109	ED3005.....	116	EGE16-02.....	5543#	EN1414.....	1403	EO1DA72.....	B40240
EA800-00600.....	116	EC100.....	125	ED21(Elcom).....	177	ED3005A.....	116	EGE16-04.....	5545#	EN1613.....	128	EO1DA74.....	B40240
EA800-00400.....	519	EC103A.....	5402	ED23(Elcom).....	506	ED3005B.....	116	EGE16-06.....	5547#	EN219.....	128	EO1DA92.....	B40240
EAD00-10400.....	5009A	EC103B.....	5404	ED24(Elcom).....	173BP8	ED3006.....	116	EGE16-08.....	5548#	EN222.....	123A	EO1DB22.....	B40240
EAD00-10400.....	5009A	EC103D.....	5405	ED29(Elcom).....	156	ED3006A.....	116	EGG06-02.....	5567#	EN2369A.....	123A	EO1DB24.....	B40240
EAD00-15100.....	145A	EC103M.....	5406	ED31(Elcom).....	177	ED3006B.....	116	EGG06-04.....	5568#	EN2482.....	123AP	EO1DB42.....	B40240
EAD00-17200.....	5089A	EC103Y.....	5400	ED32(Elcom).....	177	ED3007.....	125	EGG06-06.....	5568#	EN2484.....	123AP	EO1DB44.....	B40240
EAE00-12600.....	5313	EC106A1.....	5454	ED46.....	109	ED3007A.....	125	EGG06-08.....	5569#	EN2484.....	123AP	EO1DB52.....	B40240
EAI-380.....	184	EC106A2.....	5454	ED-46.....	109	ED3007B.....	125	EGH16-06.....	5577#	EN2484.....	123AP	EO1DB54.....	B40240
EAOX12.....	153 + 152(CP)	EC106B1.....	5455	ED51.....	160	ED3008.....	125	EGH16-08.....	5579#	EN2484.....	123AP	EO1DB72.....	B40240
EAQ00-07500.....	7406	EC106B2.....	5455	ED52.....	100	ED3008A.....	125	EGH16-10.....	5579#	EN2484.....	123AP	EO1DB74.....	B40240
EAQ00-11100.....	955M	EC106D1.....	5457	ED53.....	100	ED3008B.....	125	EGH16-12.....	5579#	EN2484.....	123AP	EO1DB82.....	B40240
EAQ00-12200.....	74LS04	EC106D2.....	5457	ED54B.....	100	ED3009.....	125	E-GZASRIZ.....	5010A	EN2484.....	123AP	EO1DB84.....	B40240
EAQ00-12700.....	74LS74A	EC106F1.....	5453	ED55.....	102A	ED3009A.....	125	EH-1.....	552	EN2907.....	159	EO1DB86.....	B40240
EAQ00-12900.....	74LS123	EC106F2.....	5453	ED56.....	102A	ED3009B.....	125	EH-1A.....	552	EN3009.....	123A	EO1DB88.....	B40240
EAQ00-13100.....	74LS174	EC106K.....	2040	ED57.....	102A	ED3010.....	125	EH-2.....	552	EN3011.....	123A	EO1DB94.....	B40240
EAQ00-15200.....	74LS74	EC106Y1.....	5452	ED60.....	109	ED3010A.....	125	EH-12.....	552	EN3013.....	123A	EO1DB96.....	B40240
EAQ00-17200.....	74LS14	EC106Y2.....	5452	ED-60.....	109	ED3010B.....	125	EH2C11.....	116(3)	EN3014.....	123A	EO1DB98.....	B40240
EAQ00-17600.....	74LS32	EC107A1.....	5413	ED123.....	3020	ED1700A.....	102A	EH16X20.....	177	EN3250.....	159	EO1DB99.....	B40240
EAQ00-19300.....	74LS374	EC107A2.....	5413	ED150Z.....	123A	ED1700B.....	121	E-HA12413.....	1557	EN3502.....	128	EO1DB100.....	B40240
EAQ00-21500.....	74LS393	EC107B1.....	5414	ED201.....	3050	ED1701.....	128	EH3089A1.....	1331	EN3504.....	159	EO1DB102.....	B40240
EAQ00-22800.....	74LS374	EC107B2.....	5414	ED592K.....	229	ED19464.....	109	EH307200.....	1489	EN3563.....	108	EO1DB104.....	B40240
EAQ00-22900.....	74LS155	EC107D1.....	5457	ED592M.....	108	ED223547.....	116	E1517342.....	1011	EN3903.....	123A	EO1DB106.....	B40240
EAQ00-23600.....	74LS257	EC107D2.....	5457	ED730.....	3041	ED224548.....	116	E160586.....	788	EN3904.....	123A	EO1DB108.....	B40240
EAQ00-24700.....	74LS156	EC107F1.....	5412	ED1402.....	123A	ED224550.....	116	E1C0037.....	1052	EN3905.....	159	EO1DB110.....	B40240
EAQ00-00700.....	960	EC107F2.....	5412	ED-1402.....	123A	ED306937.....	5024A	E1C0060.....	1155	EN3906.....	159	EO1DB112.....	B40240
EAQ00-05800.....	834	EC107Y1.....	5411	ED1402A.....	123A	ED329128.....	116	E1C014.....	1103	EN3962.....	107	EO1DB114.....	B40240
EAX012.....	153 + 152(CP)	EC107Y2.....	5411	ED1402A09-305066.....	123A	ED329130.....	116	E1C03.....	585	EN5172.....	107	EO1DB116.....	B40240
EB0001.....	102A	EC401.....	116	ED1402B.....	123A	ED490511.....	605A	EK04.....	585	EN1235.....	1550	EO1DB118.....	B40240
EB0003.....	102A	EC402.....	116	ED1402C.....	123AP	ED491130.....	5073A	EK-04.....	116	EN1238.....	1669	EO1DB120.....	B40240
EB1(Elcom).....	166	EC981.....	130	ED1402C30.....	123A	ED494583.....	116	EK13.....	586	EN1301.....	1231	EO1DB122.....	B40240
EB2(Elcom).....	166	EC985.....	288	ED1402C30V.....	123A	ED498150.....	5078A	EK14.....	586	EN1401.....	1401	EO1DB124.....	B40240
EB3(Elcom).....	166	EC985.....	288	ED1402D.....	123AP	ED511097.....	116	EK136.....	102A	EN1414.....	1403	EO1DB126.....	B40240
EB4(Elcom).....	167	EC985.....	288	ED1402D30V.....	123A	ED511918.....	5081A	EK159.....	100	EN1436.....	1650	EO1DB128.....	B40240
EB6(Elcom).....	166	ECC-01263.....	9945	ED1402E.....	123AP	ED514721.....	177	E13-006-02.....	159	EN1438.....	986	EO1DB130.....	B40240
EB7(Elcom).....	169	ECC-01264.....	9946	ED1402F.....	123A	ED515790.....	177	EL75.....	229	ENB121D-05A.....	1V075	EO1DB132.....	B40240
EB9(Elcom).....	166	ECC-01265.....	9947	ED1403D.....	123A	ED516420.....	177	EL131.....	312	ENB121D-7A.....	1V075	EO1DB134.....	B40240
EB10(Elcom).....	167	ECC-01267.....	9930	ED1502.....	233	ED516420.....	177	EL214.....	128	ENB121D-10A.....	2V075	EO1DB136.....	B40240
EB11(Elcom).....	168	ECC-01268.....	9930	ED1502A.....	233	ED560913.....	177	EL232.....	123A	ENB121D-14A.....	2V075	EO1DB138.....	B40240
EB12(Elcom).....	169	ECC-A1202.....	A40240	ED1502B.....	233	ED624903.....	519	EL264.....	129	ENB121D-05A.....	1V095	EO1DB140.....	B40240
EB13(Elcom).....	170	ECC-A1203.....	A40240	ED1502C.....	233	ED698826.....	307	EL274(BEC).....	395#	ENB121D-07A.....	1V095	EO1DB142.....	B40240
EB301GN.....	9301	ECC-A1225.....	A40240	ED1502D.....	233	ED7C TR11-1.....	199	EL401.....	172A	ENB121D-10A.....	2V095	EO1DB144.....	B40240
EB301GP.....	9301	ECC-A2402.....	A40240	ED1502E(EBC).....	229	EDC TR11-4.....	128	EL403.....	123AP	ENB121D-14A.....	2V095	EO1DB146.....	B40240
EB302GN.....	9302	ECC-A2410.....	A40240	ED1502F.....	229	EDC TR11-5.....	128	EL-403.....	289A	ENB201D-05A.....	1V095	EO1DB148.....	B40240
EB302GP.....	9303	ECC-A2425.....	A40240	ED1502G.....	229	EDC Q10-1.....	123A	EL434.....	107	ENB201D-07A.....	1V115	EO1DB150.....	B40240
EB303GN.....	9303	ECC-D1202.....	B40240	ED1502H.....	233	EDG-001.....	109	EL504.....	49	ENB201D-10A.....	2V115	EO1DB152.....	B40240
EB303GP.....	9303	ECC-D1210.....	B40240	ED1602.....	159	EDG-003.....	109	EL554.....	50	ENB201D-14A.....	2V115	EO1DB154.....	B40240
EB304GN.....	9304	ECC-D1225.....	B40240	ED1602A.....	159	EDG-006.....	109	EL614.....	194	ENB220D-05B.....	1V014	EO1DB156.....	B40240
EB304GP.....	9304	ECC-D2402.....	B40240	ED1602B.....	159	EDG-1.....	109	EL694.....	288	ENB220D-07B.....	1V014	EO1DB158.....	B40240
EB306GN.....	9306	ECC-D2410.....	B40240	ED1602C(ECB).....	159	EDG-3.....	109	ELA1101P.....	3111	ENB220D-10B.....	2V014	EO1DB160.....	B40240
EB306GP.....	9306	ECC-D2425.....	B40240	ED1602D.....	159	EDG-6.....	109	ELA1131P.....	3113	ENB220D-14B.....	2V014	EO1DB162.....	B40240
EB307GN.....	9307	ECC-D4001B.....	4001B	ED1602D(ECB).....	159	EDH0023.....	519	ELA2101P.....	3112	ENB221D-05A.....	1V130	EO1DB164.....	B40240
EB307GP.....	9307	ECC-D4002B.....	4002B	ED1602E.....	159	EDH0023.....	519	ELA2131P.....	3114	ENB221D-07A.....	1V130	EO1DB166.....	B40240
EB311GN													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
EP15X49	123A	EP57X11	581	EP957	152	EQA01-32RA	147A	EQA02-33R	5036A	ER13R(ELCOM)	5901	ERB15	116
EP15X50	198	EP57X12	116	EP958	153	EQA01-33A	5036A	EQA02-35	5037A	ER14(ELCOM)	5900	ERB15-01	125
EP15X51	193	EP57X54	116	EP1000	125	EQA01-33R	5036A	EQA02-35B	5037A	ER14R(ELCOM)	5901	ERB16-12	506
EP15X53	159	EP62X41	522	EP1150	153	EQA01-33RE	5037A	EQA02-35R	5037A	ER15(ELCOM)	5904	ERB22-15	116
EP15X54	233	EP62X51	550	EP1152	153	EQA01-33RF	5036A	EQA2-08S3	5016A				
EP15X55	108	EP62X61	522	EP1259-2	116	EQA01-35	5037A	EQB01-05	135A	ER15X4	160	ERB24	552
EP15X57	290A	EP62X76	534	EP1428-2H	116	EQA01-35R	5085A	EQB01-05SA	135A	ER15X5	160	ERB24(GE)	116
EP15X58	54	EP62X84	522	EP2073	392	EQA01-35HC	5037A	EQB01-06	5070A	ER15X6	160	ERB24-01A	506
EP15X60	159	EP84X1	1186	EP2073A	392	EQA01-35RC	5037A	EQB01-06A	5070A	ER15X7	102A	ERB24-02B	506
EP15X61	171	EP84X2	712	EP2132	153	EQA01-115V	5020A	EQB01-06V	5070A	ER15X9	102A	ERB24-02D	552
EP15X63	109	EP84X3	713	EP2133	152	EQA02-05	5010A	EQB01-06Y	5070A	ER15X10	121	ERB24-04	552
EP15X64	222	EP84X4	783	EP2189	392	EQA02-05A	5009A	EQB01-07	5071A	ER15X11	160	ERB24-04A	552
EP15X68	152	EP84X5	783	EP2195	186A	EQA02-05B	5009A	EQB01-07S	5071A	ER15X12	160	ERB24-04B	552
EP15X83	123AP	EP84X6	712	EP2570	392	EQA02-05CDB	5010A	EQB01-08	5072A	ER15X13	160	ERB24-04C	552
EP15X84	123AP	EP84X7	728	EP2778	261	EQA02-05CDB	5010A	EQB01-08	5072A	ER15X14	160	ERB24-04CV	552
EP15X85	123AP	EP84X8	749	EP2779	291	EQA02-05D	5010A	EQB01-09	139A	ER15X15	160	ERB24-04D	552
EP15X86	123AP	EP84X9	713	EP-2798	113A	EQA02-05F	5010A	EQB01-09B	5073A	ER15X16	160	ERB24-06	552
EP15X87	123AP	EP84X10	1186	EP3021	198	EQA02-05M1	5010A	EQB01-10S	140A	ER15X17	102A	ERB24-06A	552
EP15X88	123AP	EP84X11	7420	EP3024	29	EQA02-148A	5010A	EQB01-10	140A	ER15X18	102A	ERB24-06B	552
EP15X89	123AP	EP84X11(IC)	7420	EP3053	152	EQA02-05S	5010A	EQB01-11	5074A	ER15X19	160	ERB24-06C	552
EP15X90	159	EP84X12	738	EP3149	116	EQA02-05T	5010T1	EQB01-11R	5074A	ER15X20	160	ERB24-06D	552
EP15X90(IC)	960	EP84X13	7400	EP-3572	113A	EQA02-06	5012A	EQB01-11V	5074A	ER15X21	160	ERB24-06E	552
EP15X91	190	EP84X18	7493A	EP-3641-1	503	EQA02-06A	5012A	EQB01-11Z	5074A	ER15X22	102A	ERB26-20L	525
EP15X97	152	EP84X19	74123	EP-5219-1	115	EQA02-06B	5012A	EQB01-12M	142A	ER15X23	102A	ERB26-20M	525
EP15X104	69	EP84X20	992	EP-5641H-2	504	EQA02-06B	5012A	EQB01-12A	142A	ER15X24	160	ERB26-20MV	525
EP15X105	375	EP84X21	840	EP 3053	152	EQA02-06C	5012A	EQB01-12B	142A	ER15X25	160	ERB28-02	552
EP15X106	5404	EP84X22	7475	EPB22-15	506	EQA02-06CD	5012A	EQB01-12BV	142A	ER15X26	160	ERB28-04	552
EP15X108	86	EP84X23	7412	EP557X3	116	EQA02-06D	5012A	EQB01-12C	142A	ER16(ELCOM)	5904	ERB28-04CV	552
EP15X109	46	EP84X24	74145	EP557X5	116	EQA02-06E	5012A	EQB01-12R	142A	ER17(ELCOM)	5908	ERB28-04V	552
EP15X123	375	EP84X25	1574	EPX15X17	159	EQA02-06E	5013T1	EQB01-12Z	142A	ER18(ELCOM)	5910	ERB28-06DV	552
EP15X125	375	EP84X27	7402	EPX30	5014A	EQA02-06F	5013T1	EQB01-13	143A	ER18(ELCOM)	5911	ERB29-02	552
EP15X126	290A	EP84X28	8374	EPX53	109	EQA02-06F	5013T1	EQB01-14	144A	ER20(Elcom)	5980	ERB29-04	552
EP15X128(PNP)	290A	EP84X29	74122	EPX54	161	EQA02-06M2	5012A	EQB01-15M	145A	ER20R(Elcom)	5981	ERB30-13	558
EP15X128(NPN)	85	EP84X30	4016B	EPY62	3032	EQA02-06M3	5012A	EQB01-15Z	145A	ER21	116	ERB30-15	558
EP15X130	85	EP84X31	941M	EPY62-1	3032	EQA02-06M6	5012A						
EP15X131	289A	EP84X33	7855	EPY62-2	3032	EQA02-06R	5011T1	EQB01-15ZB	145A	ER21(Elcom)	5986	ERB35-02	587
EP15X135(BCE)	290A	EP84X34	1545	EQA01-05	5010A	EQA02-06S	5012A	EQB01-16	5075A	ER22(Elcom)	5983	ERB35	552
EP15X141	229	EP84X35	1196	EQA01-05R	5009A	EQA02-06T	5011A	EQB01-16	5077A	ER22	116	ERB43-02	552
EP15X142	291	EP84X36	742	EQA01-05S	5010A	EQA02-07	5014A	EQB01-19	5078A	ER22R(Elcom)	5986	ERB43-04	552
EP15X143	123AP	EP84X37	815	EQA01-05T	5010A	EQA02-07A	5014A	EQB01-20	5079A	ER22R(Elcom)	5987	ERB44-04	552
EP15X217	5424	EP84X42	9200	EQA01-06	5012A	EQA02-07B	5014A	EQB01-22	5080A	ER23(ELCOM)	5988	ERB44-06	552
EP15X218	89	EP84X55	1263	EQA01-06R	5011A	EQA02-07C	5014A	EQB01-23	5081A	ER23R(ELCOM)	5989	ERB81	586
EP15X221	49	EP84X60	1437	EQA01-06S	5012A	EQA02-07D	5014A	EQB01-28	5083A	ER24(Elcom)	5990	ERB81-004	586
EP15X222	50	EP84X69	778A	EQA01-06SB	5012A	EQA02-07CDA	5014A	EQB01-30	5084A	ER24R(Elcom)	5991	ERB1201	116
EP15X224	5008	EP84X71	1087	EQA01-06SC	5012A	EQA02-07D	5015A	EQB01-33	147A	ER25(Elcom)	5992	ERB2404C	552
EP15X225	290A	EP84X72	1043	EQA01-06SE	5012A	EQA02-07M6	5014A	EQB01-100	5096A	ER25R(Elcom)	5995	ERB2404D	552
EP15X226	123AP	EP84X73	712	EQA01-06T	5012A	EQA02-07F	5014A	EQF-0009	312	ER26(Elcom)	5994	ERB2406A	552
EP15X228	49	EP84X74	1004	EQA01-06TV	5013A	EQA02-07G	5015A	EQF-0020	312	ER26R(Elcom)	5995	ERB2406C	552
EP15X288	49	EP84X78	1520	EQA01-07	5014A	EQA02-08	5015A	EQF-0020	312	ER27(Elcom)	5998	ERB2406D	552
EP16X1	178MP	EP84X79	1614S	EQA01-07R	5014A	EQA02-08A	5015A	EQF-4	312	ER28(Elcom)	6002	ERB2802	552
EP16X2	5136A	EP84X80	1430	EQA01-07R2	5014A	EQA02-08R	5015A	EQG01-12A	142A	ER28R(Elcom)	6003	ERB4302	552
EP16X3	109	EP84X81	1231	EQA01-07RE	5014A	EQA02-08S	5017A	EQG-6	121	ER31	116	ERB81004	586
EP16X4	177	EP84X82	852	EQA01-07S	5014A	EQA02-08T	5017A	EQG-8	104	ER31	116	ERB81-002	125
EP16X5	145A	EP84X83	4042S	EQA01-07T	5014A	EQA02-09	5017A	EQG-9	102A	ER33(Elcom)	504	ERB81-001	125
EP16X6	113A	EP84X84	4011B	EQA01-08R	5015A	EQA02-09AB	5017A	EQG-15	102A	ER34(Elcom)	505	ERB81-002L	125
EP16X7	128	EP84X87	4014B	EQA01-08R2	5015A	EQA02-09AB	5017A					ERB81-002L12	125
EP16X10	506	EP84X88	4040B	EQA01-08R2	5015A	EQA02-09C	5018A	EQH-1	103A	ER41	116	ERB81-006	125
EP16X11	506	EP84X88	4040B	EQA01-08S	5016A	EQA02-09D	5018A	EQH-0016	294	ER42	116	ERB81-010	156
EP16X12	139A	EP84X96	1425	EQA01-08SF	5016A	EQA02-09D	5018A	EQH-0038	290A	ER51	116	ERB81-012	125
EP16X13	116	EP84X109	1376	EQA01-09	5017A	EQA02-09E	5018A	EQS-006	125	ER57X2	116	ERB81-004	125
EP16X15(ZENER)	145A	EP84X110	4511B	EQA01-09P	5017A	EQA02-09S	5018A	EQS-0010	123A	ER57X3	116	ERB81-004	125
EP16X15(RECT)	518	EP84X111	4019B	EQA01-09R	5017A	EQA02-09SA	5018A	EQS-0018	233	ER57X4	116	ERB81-004F	125
EP16X16	5081A	EP84X117	858M	EQA01-09S	5018A	EQA02-10	5019A	EQS-0060	199	ER61	116	ERB81-006	125
EP16X17	5100A	EP84X118	834	EQA01-10	5019A	EQA02-10B	5019A	EQS-0061	199	ER62	116	ERB81-010	125
EP16X19	136A	EP84X124	1591	EQA01-10R	5019A	EQA02-10C	5019T1	EQS-0073	229	ER81	125	ERB81-010	125
EP16X20	177	EP84X125	4011B	EQA01-10R2	5019A	EQA02-10CDA	5019A	EQS-0078	199	ER101	116	ERB81-010	125
EP16X21	110MP	EP84X128	770A	EQA01-10S	5019A	EQA02-10D	5019T1	EQS-0100	123A	ER102	117A	ERB81-010	125
EP16X22	177	EP84X128	4068B	EQA01-11	5020A	EQA02-10S	5019A	EQS-0102	199	ER102D	116	ERB81-010	125
EP16X23	177	EP84X136	1600	EQA01-11R	5020A	EQA02-11	5020A	EQS-0140	152	ER103D	116	ERB81-010	125
EP16X24	558	EP84X137	1554	EQA01-11S	5020A	EQA02-11CD	5021A	EQS-0159	236	ER103E	116	ERB81-010	125
EP16X25	135A	EP84X139	1469	EQA01-11SE	5020A	EQA02-11CDB	5021A	EQS-0160	235	ER104D	116	ERB81-010	125
EP16X27	177	EP84X148	1621	EQA01-11T	5020A	EQA02-11D	5020A	EQS-0165	297	ER105D	116	ERB81-010	125
EP16X29	506A	EP84X153	1422	EQA01-11Z	5020A	EQA02-11S	5020A	EQS-0184	306	ER106D	116	ERB81-010	125
EP16X30	5019A	EP84X155	1703	EQA01-12	5021A	EQA02-11Z	5074A	EQS-0192	289A	ER107D	125	ERB81-010	125
EP16X32	5089A	EP84X152	1613	EQA01-12R	5021A	EQA02-12	5021A	EQS-0195	123A	ER108D	125	ERB81-010	125
EP16X34	555	EP84X156	834	EQA01-12S	5021A	EQA02-12A	5021T1	EQS-0196	123A	ER181	116	ERB81-010	125
EP16X36	142A	EP84X158	1717	EQA01-12S1	42A	EQA02-12AB	5021A	EQS-0198	123A	ER182	116	ERB81-010	125
EP16X39	519	EP84X159	4013B	EQA01-12SL	42A	EQA02-12M1	5021A	EQS-5	123A	ER183	116	ERB81-010	125
EP16X49	519	EP84X170	4027B	EQA01-12SL	42A	EQA02-12R	5021T1	EQS-9	123A	ER184	116	ERB81-010	125
EP16X52	5024A	EP84X171	4081B	EQA01-12Z	42A	EQA02-12S	5021A	EQS-13	123A	ER185	116	ERB81-010	125
EP16X53	109	EP84X173	712	EQA01-13	43A	EQA02-13	5022A	EQS-18	107	ER186	125	ERB81-010	125
EP16X54	615A	EP84X173	1440	EQA01-13R	43A	EQA02-13A	5022A	EQS-19	313	ER187	125	ERB81-010	125
EP16X58	5026A	EP84X175	9403	EQA01-14R	144A	EQA02-13M2	5022A	EQS-20					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
ERD29-08J	506	ERZ-C10DK421	2V300	ES15X71	103A	ES54(EIcom)	161	ES15056	116	ET15X40	127	ETTB-2SB176B	102A
ERD47-02	580	ERZ-C10DK431	2V175	ES15X72	102A	ES55(EIcom)	162	ES15057	177	ET15X41	123A	ETTB-2SB176R	102A
ERD51-01	5874Z	ERZ-C10DK470	2V030	ES15X73	126A	ES56(EIcom)	128	ES15226	128	ET15X42	123A	ETTB-75LB	102A
ERD51-03	5878Z	ERZ-C10DK560	2V035	ES15X74	103A	ES57(EIcom)	128	ES15227	186	ET15X43	121	ETTB-367B	131
ERD51-06	5882Z	ERZ-C10DK680	2V040	ES15X75	158	ES57X1	116	ES1523933-1	149A	ET15X45	123A	ETTC-2SC490	175
ERD51-09	5890Z	ERZ-C10DK681	2V420	ES15X76	123A	ES57X2	116	ESA06	168	ET16X1	109	ETTC-458LG	123A
ERD74-005	5818	ERZ-C10DK781	2V480	ES15X77	127	ES57X4	116	ESA06	168	ET16X6	112	ETTC-930D	229
ERD74-01	5818	ERZ-C10DK820	2V050	ES15X78	104	ES57X5	116	ESA10-99	116	ET16X7	113A	ETTC-945	199
ERD74-02	5818	ERZC10DK241U	2V150	ES15X79	161	ES57X6	116	ESA175-02	116	ET16X10	113A	ETTC-CD8000	123A
ERD74-04	5820	ERZ-C14DK101	2V060	ES15X80	107	ES57X7	138A	ESA10N	116	ET16X11	113A	ETTC-CD12000	123A
ERD75-005	5818Z	ERZ-C14DK121	2V075	ES15X81	107	ES57X8	506	ESA10N	116	ET16X13	112	ETTC-CD13000	123A
ERD75-01	5818Z	ERZ-C14DK151	2V095	ES15X82	107	ES57X9	506	ESA213	126A	ET16X14	112	ETT-CDC-12000	123A
ERD75-02	5818Z	ERZ-C14DK201	2V130	ES15X83	123A	ES57X11	505	ESA233	126A	ET16X15	142A	ETT-DDC-235	152
ERD81-004	6084	ERZ-C14DK220	2V014	ES15X84	123A	ES57X12	177	ESAB93-02CS	6085	ET16X16	117A	ETX18	123A
ERD900	116	ERZ-C14DK241	2V150	ES15X85	123A	ES57X13	503	ESAB82-004	6085	ET16X17	136A	EU01	552
ERD400	116	ERZ-C14DK270	2V017	ES15X86	152	ES57X21	503	ESAB82-4	6085	ET16X19	109	EU01	552
ERD700	125	ERZ-C14DK330	2V020	ES15X87	152	ES58(EIcom)	184	ESAC25-02C	6240	ET16X20	109	EU01A	552
ERD800	125	ERZ-C14DK390	2V025	ES15X88	171	ES58(EIcom)	171	ESAC25-02N	6244	ET16X21	109	EU01A	552
ERD900	125	ERZ-C14DK391	2V150	ES15X89	154	ES60(EIcom)	185	ESAC31-01N	6244	ET16X22	358A	EU01Z	552
ERD1000	125	ERZ-C14DK431	2V275	ES15X90	290A	ES61(EIcom)	226	ESAC31-02C	6240	ET16X23	109	EU01Z	552
ERE24-005	6007	ERZ-C14DK470	2V030	ES15X91	228A	ES62(EIcom)	128	ESAC31-02N	6244	ET16X24	109	EU01Z	552
ERE24-01	6007	ERZ-C14DK471	2V300	ES15X92	312	ES63(EIcom)	219	ESAC31-02N	6244	ET16X25	116	EU02A	552
ERE24-02	6007	ERZ-C14DK560	2V035	ES15X93	312	ES64(EIcom)	219	ESAC31-02C	6240	ET16X26	116	EU02A	552
ERE24-04	6009	ERZ-C14DK680	2V040	ES15X94	165	ES65(EIcom)	159	ESAC31-02CS	6240	ET16X27	116	EU02Z	552
ERE51-01	5982Z	ERZ-C14DK681	2V420	ES15X95	124	ES66(EIcom)	182	ESAC33-02N	6244	ET16X28	116	EU02Z	552
ERE51-03	5990Z	ERZ-C14DK781	2V480	ES15X96	161	ES67(EIcom)	183	ESAC33-02N	6244	ET16X29	116	EU02Z	552
ERE51-06	5994Z	ERZ-C14DK820	2V050	ES15X97	107	ES67(EIcom)	183	ESAC75-005	6206	ET16X30	116	EU02Z	552
ERE51-09	6002Z	ERZ-C20DK201	524V13	ES15X98	175	ES69(EIcom)	185	SAC75-01	6206	ET16X31	116	EU02Z	552
ERE74-005	6006	ERZ-C20DK241	524V15	ES15X99	158	ES71(EIcom)	162	ESAC82-004	6085	ET16X32	116	EU02Z	552
ERE74-01	6006	ERZ-C20DK391	524V25	ES15X100	102A	ES72(ELCOM)	311	ESAC82-4	6085	ET16X33	116	EU02Z	552
ERE74-02	6006	ERZ-C20DK431	524V27	ES15X101	159	ES73(EIcom)	161	ESAC83-004	6090#	ET16X34	116	EU02Z	552
ERE74-04	6008	ERZ-C20DK471	524V30	ES15X102	107	ES74(EIcom)	130	ESAD25-02C	6090#	ET16X35	116	EU02Z	552
ERE75-005	6006Z	ERZ-C20DK621	524V42	ES15X104	161	ES75(EIcom)	172A	ESAD25-02C	6246#	ET16X36	116	EU02Z	552
ERE75-01	6006Z	ERZ-C20DK781	524V48	ES15X105	161	ES75X1	712	ESAD33-02C	6246#	ET16X37	116	EU02Z	552
ERE75-02	6006Z	ES01	552	ES15X106	233	ES76(EIcom)	171	ESAD33-02CS	6246#	ET16X38	116	EU02Z	552
ERE81-004	6094	ES01A	552	ES15X107	159	ES80(EIcom)	152	ESAD75-005	6206	ET16X39	116	EU02Z	552
ERG01-01	5992Z	ES01F	558	ES15X122	161	ES81	189	ESAD75-01	6206	ET16X40	116	EU02Z	552
ERG01-03	5992Z	ES01Z	552	ES15X123	161	ES81(EIcom)	189	ESAD75-02	6206	ET16X41	116	EU02Z	552
ERG01-06	5994Z	ES1	552	ES15X125	241	ES82(EIcom)	188	ESAD83-004	6090#	ET16X42	116	EU02Z	552
ERG01-09	6002Z	ES-1	552	ES15X126	163A	ES83(EIcom)	189	ESAD83-4	6090#	ET16X43	116	EU02Z	552
ERG24-005	6007	ES1(EIcom)	160	ES15X127	233	ES84	163A	ESB714E1H	204	ET16X44	116	EU02Z	552
ERG24-01	6007	ES1(Diode)	552	ES15X128	159	ES84(EIcom)	163A	ESB7475-01	204	ET16X45	116	EU02Z	552
ERG24-02	6007	ES1A	552	ES16(EIcom)	130	ES84X1	1008	ESD918964P	126	ET16X46	116	EU02Z	552
ERG24-04	6009	ES1F	558	ES16X2	109	ES84X2	1018	ESGB01-08	544	ET16X47	116	EU02Z	552
ERG74-005	6006	ES1Z	552	ES16X3	109	ES84X3	712	ESGB01-09	544	ET16X48	116	EU02Z	552
ERG74-01	6006	ES2(EIcom)	102A	ES16X5	109	ES85(EIcom)	123A	ESK1/02	116	ET16X49	116	EU02Z	552
ERG74-02	6006	ES3	126A	ES16X6	109	ES86(EIcom)	161	ESK106	116	ET16X50	116	EU02Z	552
ERG74-04	6008	ES3(EIcom)	102A	ES16X7	109	ES88	195A	ESKE40C500	116	ET16X51	116	EU02Z	552
ERG75-005	6006Z	ES4(EIcom)	158	ES16X12	109	ES89	171	ESKE125C500	125	ET16X52	116	EU02Z	552
ERG75-01	6006Z	ES5	101	ES16X13	116	ES89(EIcom)	171	ESM113	243	ET16X53	116	EU02Z	552
ERG75-02	6006Z	ES5(EIcom)	103A	ES16X14	109	ES90	219	ESM114	243	ET16X54	116	EU02Z	552
ERG81-004	6094	ES6(EIcom)	103A	ES16X16	506	ES90(EIcom)	219	ESM117	245	ET16X55	116	EU02Z	552
ERG81A-004	6094	ES7	104	ES16X20	506	ES91(EIcom)	176	ESM118	245	ET16X56	116	EU02Z	552
ERM12-02	125	ES7(EIcom)	131	ES16X21	110MP	ES92	257	ESM160	244	ET16X57	116	EU02Z	552
ERS120	396	ES8(EIcom)	160	ES16X23	177	ES93	258	ESM161	246	ET16X58	116	EU02Z	552
ERS140	396	ES9	104	ES16X24	177	ES94	225	ESM162	246	ET16X59	116	EU02Z	552
ERS160	396	ES9(EIcom)	104	ES16X25	116	ES94(EIcom)	225	ESM162	246	ET16X60	116	EU02Z	552
ERS180	396	ES10	105	ES16X27	519	ES95	165	ESM162	246	ET16X61	116	EU02Z	552
ERS200	396	ES10(EIcom)	105	ES16X28	506	ES95(EIcom)	165	ESM162	246	ET16X62	116	EU02Z	552
ERS225	396	ES11(EIcom)	160	ES16X29	5080A	ES96	191	ESM162	246	ET16X63	116	EU02Z	552
ERS250	396	ES13	104	ES16X30	177	ES96(EIcom)	191	ESM162	246	ET16X64	116	EU02Z	552
ERS275	396	ES13(EIcom)	104	ES16X31	506	ES97	194	ESM162	246	ET16X65	116	EU02Z	552
ERS301	396	ES14	126A	ES16X32	177	ES97(EIcom)	194	ESM162	246	ET16X66	116	EU02Z	552
ERS325	396	ES14(EIcom)	160	ES16X33	156	ES103	196	ESM162	246	ET16X67	116	EU02Z	552
ERS350	396	ES15(EIcom)	160	ES16X40	177	ES104	197	ESM162	246	ET16X68	116	EU02Z	552
ERS375	396	ES15X1	123A	ES16X41	5079A	ES105	253	ESM162	246	ET16X69	116	EU02Z	552
ERS401	396	ES15X2	108	ES16X58	5024A	ES106	254	ESM162	246	ET16X70	116	EU02Z	552
ERS425	396	ES15X3	108	ES16X70	110MP	ES107	232	ESM162	246	ET16X71	116	EU02Z	552
ERS450	396	ES15X4	102A	ES16X103	109	ES108	243	ESM162	246	ET16X72	116	EU02Z	552
ERV-02F2150	116	ES15X6	108	ES17(EIcom)	102A	ES109	244	ESM162	246	ET16X73	116	EU02Z	552
ERZ08A3K101	601	ES15X7	123A	ES18	121	ES112	234	ET3	102	ET16X74	116	EU02Z	552
ERZ-08D3K121	5097A	ES15X8	102A	ES18(EIcom)	104	ES113	241	ET4	102	ET16X75	116	EU02Z	552
ERZ15A3S251	601	ES15X9	159	ES19	102A	ES114	242	ET5	102	ET16X76	116	EU02Z	552
ERZ15A3S251	601	ES15X10	108	ES19(EIcom)	160	ES115	105	ET6	102	ET16X77	116	EU02Z	552
ERZ15D3K471	601	ES15X11	123A	ES20(EIcom)	123A	ES116	105	ET7	105	ET16X78	116	EU02Z	552
ERZ-C05DK22	1V014	ES15X12	152	ES21	105	ES117	105	ET8	105	ET16X79	116	EU02Z	552
ERZ-C05DK27	1V017	ES15X14	123A	ES21(EIcom)	121	ES118	105	ET9	105	ET16X80	116	EU02Z	552
ERZ-C05DK33	1V020	ES15X16	123A	ES22(EIcom)	128	ES119	105	ET10	103	ET16X81	116	EU02Z	552
ERZ-C05DK36	1V035	ES15X17	121	ES23	102A	ES120	105	ET11	103	ET16X82	116	EU02Z	552
ERZ-C05DK82	1V050	ES15X18	108	ES23(EIcom)	160	ES121	105	ET12	103	ET16X83	116	EU02Z	552
ERZ-C05DK101	1V060	ES15X19	108	ES24(EIcom)	124	ES122	105	ET13	102	ET16X84	116	EU02Z	552
ERZ-C05DK121	1V075	ES15X20	123A	ES25	100	ES123	105	ET14	102	ET16X85	116	EU02Z	552
ERZ-C05DK151	1V085	ES15X21	233	ES25(EIcom)	160	ES124	105	ET15	102	ET16X86	116	EU02Z	552
ERZ-C05DK201	1V130	ES15X22	123A	ES26	100	ES125	105	ET16	102	ET16X87	116	EU02Z	552
ERZ-C05DK220	1V014	ES15X24	123A	ES26(EIcom)	102A	ES126	105	ET17	105	ET16X88	116	EU02Z	552
ERZ-C05DK241	1V150	ES15X30	108	ES27(EIcom)	179	ES127	105	ET18	105	ET16X89	116	EU02Z	552
ERZ-C05DK270	1V017	ES15X31	102A	ES28(EIcom)	155	ES128	105	ET19	105	ET16X90			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
EW15X66	85	EW15X262	377#	EW15X501	375	EW16X251	5014A	EW84X194	1452	EW164	107	EZ20(Elcom)	5079A
EW15X67	89	EW15X263	91	EW15X504	399	EW16X257	519	EW84X196	943M	EW165	107	EZ22(Elcom)	5080A
EW15X69	328	EW15X265	2408	EW15X505	36	EW16X258	5077A	EW84X198	1558	EW165V	123A	EZ24(Elcom)	5081A
EW15X71	373#	EW15X267	2357	EW15X507	458	EW16X263	5013A	EW84X205	1636	EW166	109	EZ27(Elcom)	5084A
EW15X72	374#	EW15X268	13	EW15X511	55#	EW16X264	5016A	EW84X207	977	EW167	109	EZ30(Elcom)	5084A
EW15X75	293	EW15X269	2358	EW15X512	2357	EW16X267	605A	EW84X210	4514B	EW168	110MP	EZ33(Elcom)	147A
EW15X76	152	EW15X271	21	EW15X513	21	EW16X298	5014A	EW84X215	962	EW169	156	EZ38(Elcom)	5085A
EW15X77	186A	EW15X272	21	EW15X514	129	EW16X303	519	EW84X216	962	EW169B	116(2)	EZ39(Elcom)	5086A
EW15X78	107	EW15X276	17	EW15X515	2358	EW16X304	605A	EW84X217	123A	EW181	123A	EZ47(Elcom)	5088A
EW15X79	85	EW15X277	21	EW15X516	2358	EW16X305	519	EW84X220	1402	EW182	123A	EZ56(Elcom)	5090A
EW15X81(CEB)	229	EW15X279	19	EW15X517	2418	EW16X306	116	EW84X223	1715	EW183	153	EZ62(Elcom)	149A
EW15X82(CEB)	229	EW15X281	21	EW15X525	2357	EW16X307	5014A	EW84X224	928B	EW183B	175	EZ68(Elcom)	5092A
EW15X83	2406	EW15X282	373#	EW15X526	2356	EW16X308	552	EW84X226	1529	EW212	161	EZ82(Elcom)	150A
EW15X85	2408	EW15X284	2406	EW15X528	2358	EW16X309	552	EW84X232	928M	EW212	161	EZ110(Elcom)	151A
EW15X86	2430	EW15X286	16#	EW15X529	2359	EW16X310	5020A	EW84X233	928M	EWS-78	199	EZ150	145A
EW15X87	22	EW15X289	18	EW15X532	2428	EW16X311	109	EW84X239	1689	EWX192	778A	EZR-0045	139A
EW15X88	21	EW15X301	19	EW15X535	19	EW16X312	552	EW84X249	943M	EX0011CE	5024A	EZT308	904
EW15X89	85	EW15X302	19	EW15X536	382	EW16X313	125	EW84X252	1630	EX0011CE	5024A	EZT308	904
EW15X93	289A	EW15X304	399	EW15X541	2407	EW16X315	5023A	EW84X253	4528B	EX0011CE	5022A	F0010(HEP)	312
EW15X94	290A	EW15X305	399	EW15X547	294	EW16X316	5021A	EW84X256	1930	EX0021TA	5020A	F0015	312
EW15X105	290A	EW15X306	198	EW15X553	373#	EW16X322	5010A	EW84X259	966	EX0038CE	142A	F0015(HEP)	312
EW15X107	298	EW15X307	85	EW15X626	2360	EW16X325	519	EW84X260	4011B	EX0042CE	408A	F0021(HEP)	312
EW15X108	56	EW15X308	85	EW15X627	2365	EW16X332	580	EW84X261	4011B	EX0042CE	408A	F0021(HEP)	312
EW15X109	21	EW15X310	198#	EW16X9	555	EW16X336	519	EW84X262	4050B	EX0047CE	142A	F0028M	725
EW15X112	294	EW15X312	152	EW16X10	519	EW16X338	125	EW84X268	712	EX0048CE	5013A	F04S060	5712
EW15X113	312	EW15X313	375	EW16X11	552	EW16X359	519	EW84X269	1539	EX0061CE	142A	F-05	116
EW15X114	153	EW15X316	16#	EW16X12	552	EW16X366	5011A	EW84X270	1416	EX0065CE	5025A	F018T060	5710
EW15X115	199	EW15X317	18	EW16X13	5013A	EW16X368	5023A	EW84X271	1416	EX0065CE	5025A	F018T080	5710
EW15X116	373#	EW15X320	377#	EW16X14	148A	EW16X369	5022A	EW84X272	1416	EX0084CE	5093A	F018T120	5710
EW15X117	289A	EW15X322	21	EW16X15	519	EW16X371	590	EW84X286	615A	EX0088CE	5014A	F025T060	5710
EW15X118	234	EW15X323	91	EW16X17	614	EW16X377	5314	EW84X294	1706	EX0089CE	5016A	F025T080	5710
EW15X119	187A	EW15X324	54	EW16X19	601	EW16X379	586	EW84X295	1686	EX0093CE	5030A	F025T10120	5710
EW15X120	85	EW15X325	90	EW16X21	5015A	EW16X382	605A	EW84X296	1686	EX0093CE 9V	5030A	F031(RadShk)	177
EW15X121	153	EW15X326	298	EW16X22	519	EW16X383	519	EW84X310	1471	EX0103CE	5011A	F040H060	5711
EW15X124	458	EW15X327	399	EW16X30	519	EW16X388	580	EW84X312	1712	EX0106CE	5047A	F040H080	5711
EW15X126(ECB)	46	EW15X328	152	EW16X36	552	EW16X389	591	EW84X314	1711	EX0112CE	5077A	F040H120	5711
EW15X128	85	EW15X329	19	EW16X45	109	EW16X391	5013A	EW84X315	1705	EX0113CE 15V	5077A	F040S120	5712
EW15X129	234	EW15X330	389	EW16X49	519	EW16X403	5332	EW84X316	1705	EX0114CE 1V	5018A	F040T060	5710
EW15X130	85	EW15X331	162	EW16X51	109	EW16X432	125	EW84X341	4066B	EX0130CE	5029A	F040T080	5710
EW15X132	290A	EW15X341	12	EW16X52	5024A	EW16X408	580	EW84X360	928M	EX0131CE	5010A	F040T120	5710
EW15X136	293	EW15X342	16	EW16X54	615A	EW16X417	5012A	EW84X361	1717	EX0136CE	5008A	F045H060	5711
EW15X139	184#	EW15X343	15	EW16X59	116	EW16X429	5012A	EW84X372	834	EX0136CE	5008A	F045H080	5711
EW15X140	21	EW15X346	54	EW16X61	5012A	EW16X430	5011A	EW84X373	1713	EX0137TA	5009A	F045H120	5711
EW15X141	289A	EW15X351	2409	EW16X62	109	EW16X432	5014A	EW84X393	1682	EX0161CE	5015A	F045S060	5712
EW15X142	157#	EW15X353	2407	EW16X65	519	EW16X437	605A	EW84X394	1415	EX0163CE	5095A	F045S080	5712
EW15X143	85	EW15X354	186A	EW16X66	519	EW16X449	5025A	EW84X396	1437	EX0192CE	137A	F045S120	5712
EW15X144	290A	EW15X355	293	EW16X68	145A	EW16X453	590	EW84X410	4013B	EX0193CE	5074A	F045T060	5710
EW15X146	19	EW15X356	198	EW16X69	5020A	EW16X455	116	EW84X411	4042B	EX0217CE	5024A	F045T080	5710
EW15X148	290A	EW15X358	376	EW16X70	5014A	EW16X466	5027A	EW84X414	4013B	EX0D43TA5.6V	5011A	F045T120	5710
EW15X149	17	EW15X359	399#	EW16X71	552	EW16X477	5332	EW84X415	4539B	EX15X25	102A	F046(RadShk)	177
EW15X150	290A	EW15X361	165	EW16X80	5022A	EW16X497	177	EW84X416	1409	EX39-X	705A	F060(RadShk)	177
EW15X151	21	EW15X363	293	EW16X81	5019T1	EW16X498	3022	EW84X417	1710	EX42-X	713	F060H060	5720
EW15X152	21	EW15X370	2356#	EW16X82	5014A	EW16X503	1314	EW84X419	4528B	EX46-X	713	F060H080	5721
EW15X154	15	EW15X372	2356#	EW16X83	5014A	EW16X507	4068B	EW84X422	1551	EX48-X	715	F060H120	5721
EW15X156	2357#	EW15X373	2359#	EW16X91	605A	EW16X508	4011B	EW84X423	1663	EX48-X	790	F060S060	5722
EW15X158	16	EW15X374	19	EW16X92	116	EW16X512	615A	EW84X424	1295	EX215-X	513	F060S080	5722
EW15X160	18	EW15X375	19	EW16X93	125	EW16X515	187	EW84X425	1726	EX4035	722	F060S120	5722
EW15X163	85	EW15X376	185	EW16X95	5014A	EW16X518	1515	EW84X426	1674	EX4053	722	F060T060	5720
EW15X164	253	EW15X378	378#	EW16X98	5014A	EW16X520	4071B	EW84X427	1546	EX-141216	128	F060T080	5720
EW15X166	187A	EW15X378	51#	EW16X100	3007	EW16X533	778A	EW84X452	1747	EXRS-110A	B40240	F060T120	5720
EW15X167	19	EW15X379	22	EW16X102	519	EW16X537	1268	EW84X453	960	EXRS-110C	B40240	F084(RadShk)	177
EW15X168	19	EW15X381	17	EW16X103	615A	EW16X540	940	EW84X455	972	EXRS-210A	B40240	F095D060	6230
EW15X169	35	EW15X383	16	EW16X106	519	EW16X541	1221	EW84X457	1683	EXRS-210C	B40240	F095D080	6230
EW15X170	390	EW15X397	2407	EW16X108	125(4)	EW16X542	9200	EW84X460	4011B	EXT95423C	1548	F095D120	6230
EW15X171	85	EW15X398	2429	EW16X109	519	EW16X543	1270	EW84X465	4053B	EXT95427C	1553	F095H060	5721
EW15X172	16	EW15X400	91	EW16X110	519	EW16X544	9400	EW84X480	1744	EYP-1B5163	8167	F095H080	5721
EW15X173	16#	EW15X401	289A	EW16X111	519	EW16X546	1267	EW84X483	778A	EYP-2AS103	8103	F095H120	5721
EW15X174	18	EW15X402	2406	EW16X112	116	EW16X548	1266	EW84X486	1609	EYP-2AS109	8108	F095S060	5722
EW15X175	29	EW15X404	2428	EW16X113	143A	EW16X549	1265	EW84X487	1135	EYP-2AS129	8125	F095S080	5722
EW15X176(BCE)	65	EW15X405	2430	EW16X114	5016A	EW16X550	1269	EW84X488	778A	EYP-2AS163	8167	F095S120	5722
EW15X177	290A	EW15X406	377#	EW16X119	519	EW16X551	1408	EW84X490	1716	EYP-2AU163	8167	F095T060	5720
EW15X178	19	EW15X407	55#	EW16X121	552	EW16X552	1123	EW84X496	4066B	EYV320D10JB	601	F095T080	5720
EW15X181	87	EW15X410	234	EW16X125	605A	EW16X555	1263	EW84X500	4066B	EYV320D1R2J	177	F095T120	5720
EW15X183(BCE)	16	EW15X411	199	EW16X126	552	EW16X556	1118	EW84X501	40097B	EYV320D1R2J3	601	F0R1B(GAK)	5402
EW15X184	85	EW15X412	31	EW16X127	552	EW16X557	712	EW84X513	4027B	EYV420D1R5JA	116	F0R2D	5400
EW15X185	85	EW15X413	377#	EW16X130	116	EW16X560	1714S	EW84X525	960	EYV420D1R5JB	109	F1	116
EW15X187	15	EW15X415	91	EW16X132	116	EW16X569	778A	EW84X526	968	EYV2P-307-900	5529	F1R3D	5455
EW15X188	85#	EW15X417	85	EW16X135	116	EW16X571	1660	EW84X528	969	EYV2P-384	177	F1R3G	5457
EW15X190	85	EW15X419	91	EW16X136	125	EW16X584	4011B	EW84X542	977	EYV2P-546	159	F2	116
EW15X193(CEB)	288	EW15X428	16	EW16X144	519	EW16X589	1412	EW84X546	4011B	EYV2P-623	159	F3	116
EW15X196	373	EW15X429	290A	EW16X146	519	EW16X590	1419	EW84X549	858M	EYV2P-632	123A	F4	116
EW15X197	15	EW15X436	185	EW16X148	519	EW16X592	1427	EW84X553	4053B	EYV2P-791	123A	F4-005	725
EW15X199	18	EW15X438	85	EW16X155	5010A	EW16X593							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
F9LS125CD	74LS125A	F20-1012	109	F74LS55PC	74LS55	F74LS260DC	74LS260	F121-433804	123A	F290(SCR)	5541	F651	5589 ♦
F9LS125CP	74LS125A	F20-1013	109	F74LS76	74LS76A	F74LS260P	74LS260	F131(SCR)	5541	F291(SCR)	5541	F656(SCR)	5402
F9LS132	74LS132	F20-1014	109	F74LS76C	74LS76A	F74LS260PC	74LS260	F132(SCR)	5541	F292(SCR)	5542	F656(GAK)	5401
F9LS132CD	74LS132	F20-1015	116	F74LS76C	74LS76A	F74LS270	74LS270	F133(SCR)	5542	F293(SCR)	5543	F657(SCR)	5402
F9LS132CP	74LS132	F20-1016	116	F74LS76P	74LS76A	F74LS279	74LS279	F134(SCR)	5543	F294(SCR)	5543	F657(GAK)	5402
F9LS133	74LS133	F21(SCR)	5501	F74LS76PC	74LS76A	F74LS279DC	74LS279	F135(SCR)	5543	F295(SCR)	5545	F658(GAK)	5404
F9LS133D	74LS133	F22(SCR)	5502	F74LS80	74LS80	F74LS279P	74LS279	F136	109	F295-02(Zenith)	177	F658(SCR)	5404
F9LS133DC	74LS133	F23(SCR)	5504	F74LS80C	74LS80	F74LS279PC	74LS279	F136(SCR)	5545	F295-03(Zenith)	552	F659(GAK)	5405
F9LS133P	74LS133	F24(SCR)	5504	F74LS90DC	74LS90	F74LS295A	74LS295A	F137(SCR)	5545	F296(SCR)	5545	F664S	5402
F9LS133PC	74LS133	F24T-011-015	229	F74LS90P	74LS90	F74LS295AD	74LS295A	F138(SCR)	5547	F297(SCR)	5545	F665(SCR)	5481
F9LS139	74LS139	F24T-016-024	108	F74LS90PC	74LS90	F74LS295ADC	74LS295A	F139(SCR)	5529	F298(SCR)	5545	F666(SCR)	5482
F9LS139CD	74LS139	F25(SCR)	5507	F74LS95B	74LS95B	F74LS295AP	74LS295A	F140(SCR)	5501	F299(SCR)	5547	F667(SCR)	5483
F9LS139CP	74LS139	F26(SCR)	5507	F74LS95BD	74LS95B	F74LS295APC	74LS295A	F141(SCR)	5501	F302-1	123A	F668(SCR)	5485
F9LS155	74LS155	F27(SCR)	5507	F74LS95BDC	74LS95B	F74LS299D	74LS299	F142(SCR)	5502	F302-2	123A	F674S	5402
F9LS155CD	74LS155	F28(SCR)	5507	F74LS95BP	74LS95B	F74LS299DC	74LS299	F143(SCR)	5504	F302-1532	123A	F676S	5402
F9LS155CP	74LS155	F29(SCR)	5509	F74LS95BPC	74LS95B	F74LS299DC	74LS299	F144(SCR)	5504	F302-2532	123A	F699	159
F9LS160	74LS160A	F30(SCR)	5501	F74LS112	74LS112A	F74LS299P	74LS299	F145(SCR)	5507	F306-001	123A	F733DC	927D
F9LS160CD	74LS160A	F31(SCR)	5501	F74LS112C	74LS112A	F74LS299PC	74LS299	F146(SCR)	5507	F306-022	123A	F733HC	927
F9LS160CP	74LS160A	F31A(SCR)	5541	F74LS112DC	74LS112A	F74LS352	74LS352	F147(SCR)	5507	F318-1	128	F733PC	927D
F9LS162	74LS162A	F32	5522	F74LS112PC	74LS112A	F74LS352DC	74LS352	F148(SCR)	5509	F321A(SCR)	5481	F752(SCR)	5524
F9LS162CD	74LS162A	F32(SCR)	5542	F74LS112C	74LS112A	F74LS352PC	74LS352	F149(SCR)	5529	F322A(SCR)	5481	F753(SCR)	5527
F9LS170	74LS170	F32A(SCR)	5542	F74LS125	74LS125A	F74LS353	74LS353	F161-249-1001	949	F323A(SCR)	5482	F754(SCR)	5527
F9LS170CD	74LS170	F33(SCR)	5543	F74LS125C	74LS125A	F74LS353DC	74LS353	F200(SCR)	5487	F324(Europe)	395	F755(SCR)	5529
F9LS170CP	74LS170	F33A(SCR)	5543	F74LS125DC	74LS125A	F74LS353PC	74LS353	F201(SCR)	5487	F324A(SCR)	5483	F756(SCR)	5529
F9LS170PC	74LS170	F34	5524	F74LS125P	74LS125A	F74LS366	74LS366A	F205(SCR)	5509	F325A(SCR)	5483	F757PC	722
F9LS181	74LS181	F34(SCR)	5543	F74LS125PC	74LS125A	F74LS366D	74LS366A	F206(SCR)	5529	F326A(SCR)	5485	F767PC	722
F9LS181D	74LS181	F34A(SCR)	5543	F74LS132	74LS132	F74LS366DC	74LS366A	F207(SCR)	5531	F327A(SCR)	5485	F822	108
F9LS181DC	74LS181	F35(SCR)	5545	F74LS132C	74LS132	F74LS366P	74LS366A	F208(SCR)	5531	F328A(SCR)	5485	F903-10G	5312
F9LS181P	74LS181	F35A(SCR)	5545	F74LS132DC	74LS132	F74LS366PC	74LS366A	F210(SCR)	5547	F329A(SCR)	5487	F903-11G	5312
F9LS181PC	74LS181	F36	5527	F74LS132PC	74LS132	F74LS368	74LS368	F211A(SCR)	5547	F330A(SCR)	5487	F903-12G	5313
F9LS190	74LS190	F36(SCR)	5545	F74LS132C	74LS132	F74LS368D	74LS368	F212A(SCR)	5547	F336	123A	F903-13G	5314
F9LS190CD	74LS190	F36A(SCR)	5545	F74LS133	74LS133	F74LS368DC	74LS368	F211(SCR)	5547	F380(SCR)	5491	F903-14G	5314
F9LS190CP	74LS190	F37(SCR)	5545	F74LS133C	74LS133	F74LS368P	74LS368	F211A(SCR)	5547	F381(SCR)	5491	F903-15G	5315
F9LS192	74LS192	F37A(SCR)	5545	F74LS133DC	74LS133	F74LS368PC	74LS368	F211A(SCR)	5547	F382(SCR)	5492	F903-16G	5315
F9LS192CD	74LS192	F38(SCR)	5545	F74LS133P	74LS133	F74LS373	74LS373	F215(SCR)	5529	F382A(SCR)	5492	F903-18G	5316
F9LS192CP	74LS192	F38A(SCR)	5545	F74LS139	74LS139	F74LS373DC	74LS373	F215-1001	108	F383(SCR)	5494	F903-20G	5312
F9LS194	74LS194A	F39(SCR)	5547	F74LS139C	74LS139	F74LS373PC	74LS373	F215-1002	108	F383A(SCR)	5494	F903-21G	5312
F9LS194CD	74LS194A	F39A(SCR)	5547	F74LS139DC	74LS139	F74LS378	74LS378	F215-1002	108	F384(SCR)	5494	F903-22G	5313
F9LS194P	74LS194A	F40(SCR)	5541	F74LS139P	74LS139	F74LS378DC	74LS378	F215-1004	108	F384A(SCR)	5494	F903-23G	5314
F9LS194PC	74LS194A	F40A(SCR)	5541	F74LS139PC	74LS139	F74LS378P	74LS378	F215-1005	108	F385(SCR)	5496	F903-24G	5314
F9LS258	74LS258	F55(SCR)	5521	F74LS145	74LS145	F74LS379	74LS379	F215-1006	102A	F385A(SCR)	5496	F903-25G	5315
F9LS258CD	74LS258	F56(SCR)	5521	F74LS145C	74LS145	F74LS379DC	74LS379	F215-1006	102A	F386(SCR)	5496	F903-26G	5315
F9LS258CP	74LS258	F57(SCR)	5522	F74LS145DC	74LS145	F74LS379P	74LS379	F215-1007	102A	F386A(SCR)	5496	F903-28G	5316
F9LS279	74LS279	F58(SCR)	5524	F74LS145P	74LS145	F74LS390	74LS390	F215-1008	102A	F387	5547 ♦	F903-40G	5312
F9LS279CD	74LS279	F59(SCR)	5524	F74LS155	74LS155	F74LS390DC	74LS390	F215-1009	102A	F388A(SCR)	5547	F903-41G	5312
F9LS279CP	74LS279	F60(SCR)	5527	F74LS155C	74LS155	F74LS390PC	74LS390	F215-1010	109	F422(Europe)	399	F903-42G	5313
F9LS295A	74LS295A	F61(SCR)	5527	F74LS155DC	74LS155	F74LS393DC	74LS393	F215-1012	109	F431(SCR)	5529	F903-43G	5314
F9LS295AD	74LS295A	F62(SCR)	5527	F74LS155P	74LS155	F74LS393PC	74LS393	F215-1013	109	F432(SCR)	5529	F903-44G	5314
F9LS295ADC	74LS295A	F63(SCR)	5501	F74LS155PC	74LS155	F74LS395	74LS395A	F215-1014	109	F433(SCR)	5545	F903-45G	5315
F9LS295AP	74LS295A	F64(SCR)	5501	F74LS160	74LS160A	F74LS395DC	74LS395A	F215-1016	116	F434(SCR)	5531	F903-46G	5315
F9LS295APC	74LS295A	F65(SCR)	5502	F74LS160C	74LS160A	F74LS395PC	74LS395A	F215-1017	116	F438(SCR)	5531	F903-48G	5316
F9LS366	74LS366A	F66(SCR)	5504	F74LS160DC	74LS160A	F74LS490	74LS490	F216(SCR)	5529	F439(SCR)	5531	F903B-10	5312
F9LS366CD	74LS366A	F67(SCR)	5504	F74LS160P	74LS160A	F74LS490DC	74LS490	F216(SCR)	5547	F442-41	725	F903B-10/20	166
F9LS366CP	74LS366A	F67E	121	F74LS160PC	74LS160A	F74LS490PC	74LS490	F218(SCR)	5547	F501(ZENITH)	161	F903B-10G	166
F9LS368	74LS368	F68(SCR)	5507	F74LS162	74LS162A	F74LS540	74LS540	F221(SCR)	5481	F501(ZENITH)	161	F903B-11	5312
F9LS368CD	74LS368	F69(SCR)	5507	F74LS162C	74LS162A	F74LS540C	74LS540	F222	123A	F501(SCR)	5504	F903B-11/21	166
F9LS368CP	74LS368	F70(SCR)	5507	F74LS162DC	74LS162A	F74LS540DC	74LS540	F222(SCR)	5481	F501-16	161	F903B-11G	166
F9LS670	74LS670	F71(SCR)	5521	F74LS162P	74LS162A	F74LS541	74LS541	F223(SCR)	5481	F501-16	161	F903B-12	5313
F9LS670CD	74LS670	F72(SCR)	5521	F74LS162PC	74LS162A	F74LS541DC	74LS541	F224(SCR)	5483	F502(SCR)	5507	F903B-12/22	167
F9LS670CP	74LS670	F73(SCR)	5522	F74LS165	74LS165	F74LS541PC	74LS541	F225(SCR)	5483	F502(ZENITH)	161	F903B-12G	167
F9LS670P	74LS670	F74(SCR)	5524	F74LS165C	74LS165	F74LS541DC	74LS541	F226(SCR)	5483	F503(SCR)	5507	F903B-13G	168
F10	125	F74LS13	74LS13	F74LS165DC	74LS165	F74LS541PC	74LS541	F226(SCR)	5485	F504(SCR)	5509	F903B-14	5314
F11	239	F74LS13D	74LS13	F74LS165P	74LS165	F74LS670	74LS670	F228(SCR)	5485	F504(SCR)	5509	F903B-14/24	168
F11(SCR)	5481	F74LS13DC	74LS13	F74LS165PC	74LS165	F74LS670DC	74LS670	F228(SCR)	5485	F506(SCR)	5502	F903B-15G	168
F11P(Quasar)	239	F74LS13P	74LS13	F74LS168	74LS168A	F74LS670P	74LS670	F230(SCR)	5521	F507(SCR)	5504	F903B-15G	169
F11Q	239	F74LS13PC	74LS13	F74LS168C	74LS168A	F74LS670PC	74LS670	F231(SCR)	5521	F508(SCR)	5507	F903B-16	5315
F11Q(Quasar)	239	F74LS15	74LS15	F74LS168DC	74LS168A	F74LS670P	74LS670	F232(SCR)	5521	F509(SCR)	5507	F903B-16/26	169
F12(SCR)	5482	F74LS15D	74LS15	F74LS168P	74LS168A	F74LS670P	74LS670	F233(SCR)	5521	F510(SCR)	5507	F903B-16G	169
F13(SCR)	5483	F74LS15DC	74LS15	F74LS168PC	74LS168A	F74LS670P	74LS670	F234(SCR)	5521	F511(SCR)	5507	F903B-18	170
F14(SCR)	5483	F74LS15P	74LS15	F74LS169	74LS169A	F74LS670P	74LS670	F235(SCR)	5527	F512(SCR)	5402	F903B-18/28	170
F14a	116	F74LS15PC	74LS15	F74LS169C	74LS169A	F74LS670P	74LS670	F236(SCR)	5527	F523(SCR)	5404	F903B-18G	170
F14A	116	F74LS21	74LS21	F74LS169DC	74LS169A	F74LS670P	74LS670	F237(SCR)	5527	F524(SCR)	5405	F903B-20	5312
F14A	125	F74LS21D	74LS21	F74LS169P	74LS169A	F74LS670P	74LS670	F238(SCR)	5527	F525(SCR)	5405	F903B-20G	166
F14AP	125	F74LS21DC	74LS21	F74LS169PC	74LS169A	F74LS670P	74LS670	F239(SCR)	5541	F526(SCR)	5406	F903B-21G	5312
F14A-P	116	F74LS21P	74LS21	F74LS169PC	74LS169A	F74LS670P	74LS670	F240(SCR)	5542	F527(SCR)	5406	F903B-21G	166
F14B	125	F74LS21PC	74LS21	F74LS170	74LS170	F74LS670P	74LS670	F241(SCR)	5543	F531	123A	F903B-22	5313
F14C	116	F74LS22	74LS22	F74LS170C	74LS170	F74LS670P	74LS670	F242(SCR)	5543	F531A(SCR)	5482	F903B-22G	167
F14D	125	F74LS22D	74LS22	F74LS170DC	74LS170	F74LS670P	74LS670	F243(SCR)	5545	F534(SCR)	5483	F903B-23G	168
F14D	125	F74LS22DC	74LS22	F74LS170P	74LS170	F74LS670P	74LS670	F244(SCR)	5545	F534(SCR)	5483	F903B-24	5314
F14E	125	F74LS22PC	74LS22	F74LS181	74LS181	F74LS670P	74LS670	F245(SCR)	5545	F547(SCR)	5487	F903B-24G	168
F14F	125	F74LS22PC	74LS22	F74LS181C	74LS181	F74LS670P	74LS670						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
F903C-28G	170	F2114C-3	2114	F4021DC	4021B	F4072	4072B	F4583BDC	4583B	F40175BPC	40175B	F93448	74S474
F941 (SCR)	5454	F2114D-3	2114	F4021PC	4021B	F4072B	4072B	F4583BPC	4583B	F40182B	40182B	F93448	74S474
F942 (SCR)	5455	F2114PC-3	2114	F4022	4022B	F4072BDC	4072B	F4706	128	F40182B	40182B	F93448BDC	74S474
F944 (GAK)	5402	F2427	108	F4022B	4022B	F4072BPC	4072B	F4706	128	F40182B	40182B	F93448BPC	74S474
F945 (GAK)	5404	F2448	123A	F4022BDC	4022B	F4073	4073B	F4846-1	949	F40192BDC	40192B	F93448BPC	74S474
F946 (KAG)	5402	F2448	123A	F4022BPC	4022B	F4073B	4073B	F5404DM	7404	F40192BPC	40192B	F93450	74S479
F947 (KAG)	5404	F2450	108	F4023B	4023B	F4073BDC	4073B	F5885PC	6885	F40193B	40193B	F93450D	74S479
F948 (KAG)	5405	F2560-1	729	F4023BDC	4023B	F4073BPC	4073B	F5885PC	6885	F40193BDC	40193B	F93450D	74S479
F949 (KAG)	5405	F2561	312	F4023BPC	4023B	F4075	4075B	F5885PC	6885	F40194B	40194B	F93450D	74S479
F954	5570	F2584	123A	F4023PC	4023B	F4075B	4075B	F5885PC	6888	F40194BDC	40194B	F93450PC	74S479
F955	5572	F2629	312	F4024B	4024B	F4075BDC	4075B	F6800	6800	F40194BDC	40194B	F93451D	74S478
F956	5572	F2633	108	F4024BDC	4024B	F4075BPC	4075B	F6800CP	6800	F40194BDC	40194B	F93451D	74S478
F957	5572	F2634	108	F4024BPC	4024B	F4076	4076B	F6800CP	6800	F40195B	40195B	F93451PC	74S478
F958	5572	F2636	108	F4024PC	4024B	F4076B	4076B	F6802	6802	F40195BDC	40195B	F93451PC	74S478
F959	5574	F2708D	2708	F4025B	4025B	F4076BDC	4076B	F6802CP	6802	F40195BDC	40195B	F93452	74S572
F960	5574	F2716D	2716	F4025BDC	4025B	F4076BPC	4076B	F6802CP	6802	F40195BDC	40195B	F93452D	74S572
F978	5584	F2732	2732	F4025BPC	4025B	F4077B	4077B	F6809	6809	F40273	2104	F93452D	74S572
F979	5584	F2732D	2732	F4025PC	4025B	F4077BDC	4077B	F6809	6809	F40273C	2104	F93452D	74S572
F980	5584	F3519	123A	F4027B	4027B	F4077BPC	4077B	F6809P	6809	F40273C	2104	F93452P	74S572
F981	5584	F3528 (RAM)	2128	F4027BDC	4027B	F4077PC	4077B	F6809P	6809	F40273C	2104	F93452P	74S572
F982	5584	F3528DC-25	2128	F4027BPC	4027B	F4078B	4078B	F6810	6810	F40274	2104	F93453	74S573
F983	5584	F3528DC-35	2128	F4027PC	4027B	F4078BDC	4078B	F6810C	6810	F40274	2104	F93453D	74S573
F988	5580	F3528PC-25	2128	F4028B	4028B	F4078PC	4078B	F6821	6821	F40274C	2104	F93453D	74S573
F989	5582	F3528PC-35	2128	F4028BDC	4028B	F4081	4081B	F6821C	6821	F40274C	2104	F93453P	74S573
F990	5582	F3530	108	F4028BPC	4028B	F4081BDC	4081B	F6821CP	6821	F40275	2104	F93453P	74S573
F991	5582	F3532	123A	F4028PC	4028B	F4081BPC	4081B	F6821CP	6821	F40275C	2104	F93515D	74S454
F992	5582	F3535	161	F4029	4029B	F4081PC	4081B	F6821P	6821	F40275C	2104	F93515D	74S454
F993	5584	F3539-2DC	3539	F4029B	4029B	F4082	4082B	F6821P	6821	F40275C	2104	F93515P	74S454
F994	5584	F3539-2PC	3539	F4029BDC	4029B	F4082B	4082B	F6850	6850	F73216	160	F93515P	74S454
F1035	326	F3539-2PC	3539	F4029BPC	4029B	F4082BDC	4082B	F6850CP	6850	F74125P	74125	F115328	123A
F1035 (HEP)	326	F3539DC	3539	F4029PC	4029B	F4082BPC	4082B	F6850CP	6850	F74125P	74125	F136555	725
F1036	460	F3539PC	3539	F4030B	4030B	F4085B	4085B	F7408PC	7408	F74154P	74154	F689779F	736
F1082	5570	F3549	129	F4030BDC	4030B	F4085BDC	4085B	F7408PC	7408	F74154P	74155	F960159	9601
F1083	5572	F3559	159	F4030BPC	4030B	F4085BPC	4085B	F7417PC	7417	F74157	74157	FA-1 (Diode)	109
F1084	5572	F3560	128	F4030PC	4030B	F4085PC	4085B	F7417PC	7417	F74157D	74157	FA-1 (IC)	1236
F1085	5572	F3561	128	F4031B	4031B	F4086B	4086B	F7430PC	7430	F74157PC	74157	FA-1 (Transistor)	175
F1086	5572	F3565	128	F4031BDC	4031B	F4086BDC	4086B	F7430PC	7430	F74164PC	74164	FA-1 (Sears)	123A
F1087	5574	F3569	123A	F4031BPC	4031B	F4086BPC	4086B	F7430PC	7430	F74173	74173	FA-2	614
F1088	5574	F3570	159	F4031BPC	4031B	F4086BPC	4086B	F7430PC	7430	F74173D	74173	FA4	116
F1089 (SCR)	5493	F3571	123A	F4034B	4034B	F4093DC	4093B	F9003DC	7410	F74173PC	74173	FA6	116
F1090 (SCR)	5485	F3574	161	F4034BDC	4034B	F4093PC	4093B	F9003DC	7410	F74174PC	74174	FA8	125
F1091 (SCR)	5485	F3589	128	F4034BPC	4034B	F4093BPC	4093B	F9014D	123AP	F74174PC	74174	FA111	177
F1092 (SCR)	5487	F3590	159	F4035	4035B	F4098BDC	4098B	F9301	8301	F74175PC	74175	FA733CK	927
F1093	5584	F3597	159	F4035BDC	4035B	F4098BPC	4098B	F9301DC	8301	F74290	74290	FA733CN	927D
F1094	5472	F4000PC	4000	F4035BDC	4035B	F4098BPC	4098B	F9301PC	8301	F74290DC	74290	FA-600BT	1041
F1095	5474	F4001B	4001B	F4035BPC	4035B	F4117-1	949	F9309	8309	F74290PC	74290	FA8005	141A
F1096	5474	F4001BDC	4001B	F4040B	4040B	F4470-13	128	F9309DC	8309	F74293	74293	FA8006	141A
F1097	5476	F4001BPC	4001B	F4040BDC	4040B	F4510	4510B	F9309PC	8309	F74293DC	74293	FA8007	141A
F1098	5584	F4001PC	4001B	F4040BPC	4040B	F4510B	4510B	F9311	74154	F74293PC	74293	FA8008	141A
F1099	5454	F4002BDC	4002B	F4040PC	4040B	F4510BDC	4510B	F9311	74154	F75116	123A	FA8009	145A
F1099 (SCR)	5454	F4002BPC	4002B	F4041BDC	4041	F4510BPC	4510B	F9316PC	74161	F75450	75450B	FA8010	145A
F1100	5455	F4002PC	4002B	F4041BPC	4041	F4511	4511B	F9328	8328	F75450APC	75450B	FA8011	145A
F1100 (SCR)	5455	F4006	4006B	F4042BDC	4042B	F4511BDC	4511B	F9328DC	8328	F75450BPC	75450B	FA8012	145A
F1101	5580	F4006B	4006B	F4042BDC	4042B	F4511BPC	4511B	F9328PC	8328	F75451	75451B	FB05	166
F1102	5582	F4006BDC	4006B	F4042BDC	4042B	F4511DC	4511B	F9370	8370	F75451ATC	75451B	F305G (Diode)	580
F1103	5582	F4006BDC	4006B	F4042DC	4042B	F4511PC	4511B	F9370DC	8370	F75451BTC	75451B	FB100	166
F1104	5582	F4006BPC	4006B	F4042PC	4042B	F4512	4512B	F9370PC	8370	F75452	75452B	FB100-815	77
F1105	5582	F4007UB	4007	F4043B	4043B	F4512B	4512B	F9600	123A	F75452ATC	75452B	FB151M	5304
F1106	5584	F4007UBPC	4007	F4043BDC	4043B	F4512BDC	4512B	F9623	123A	F75452BTC	75452B	FB152M	5304
F1107	5584	F4008	4008B	F4043BDC	4043B	F4512BPC	4512B	F9623 (G.E.)	108	F75453	75453B	FB153M	5304
F1108	5584	F4008B	4008B	F4043BPC	4043B	F4512DC	4512B	F9625	108	F75453ATC	75453B	FB154M	5304
F1109	5584	F4008BDC	4008B	F4044	4044B	F4512PC	4512B	F9625	108	F75453BTC	75453B	FB155M	5305
F1110 (SCR)	5401	F4008BPC	4008B	F4044B	4044B	F4514	4514B	F10124	116	F75454	75454B	FB156M	5306
F1110 (GAK)	5401	F4011B	4011B	F4044BDC	4044B	F4514B	4514B	F10148	116	F75454ATC	75454B	FB157M	5307
F1111 (GAK)	5402	F4011BDC	4011B	F4044BPC	4044B	F4514BDC	4514B	F10180	116	F75454BTC	75454B	FB-200	168
F1112 (GAK)	5404	F4011BDC	4011B	F4045B	4045B	F4514BPC	4514B	F15810	108	F93150PM	74150	FB200	168
F1112 (SCR)	5404	F4011BPC	4011B	F4045BDC	4045B	F4515	4515B	F15835	108	F93157	74387	FB301	5312
F1113 (GAK)	5405	F4012B	4012B	F4045BPC	4045B	F4515B	4515B	F15840	123A	F9317A	74387	FB302	5312
F1114 (GAK)	5405	F4012BDC	4012B	F4046	980	F4515BDC	4515B	F15840-1	123A	F9317AD	74387	FB303	5312
F1139	5457	F4012BDC	4012B	F4046B	4046B	F4515BPC	4515B	F15841	108	F9317ADC	74387	FB304	5314
F1139 (SCR)	5457	F4012BPC	4012B	F4046BDC	4046B	F4516	4516B	F20303	109	F9317APC	74387	FB305	5315
F1140	5457	F4012PC	4012B	F4046BPC	4046B	F4516B	4516B	F21021	2102	F9317APC	74387	FB306	5316
F1140 (SCR)	5457	F4013B	4013B	F4047BDC	4047B	F4516BDC	4516B	F21021C	2102	F9317D	74387	FB307	5317
F1142	5587	F4013BDC	4013B	F4047BPC	4047B	F4516BPC	4516B	F21021DC	2102	F9317DC	74387	FB400	168
F1143	5587	F4013BDC	4013B	F4048B	4048B	F4516BPC	4516B	F21021PC	2102	F9317P	74387	FB401	168
F1144	5587	F4013BPC	4013B	F4048BDC	4048B	F4516BPC	4516B	F21022	2102	F9317PC	74387	FB402	160
F1145	5587	F4013PC	4013B	F4048BPC	4048B	F4516BPC	4516B	F21022C	2102	F93427A	74S287	FB403	160
F1146	5587	F4014	4014B	F4049PC	4049	F4518PC	4518B	F21022DC	2102	F93427AD	74S287	FB420	102A
F1147	5589	F4014BDC	4014B	F4050B	4050B	F4520B	4520B	F21022PC	2102	F93427ADC	74S287	FB421	102A
F1148	5589	F4014BDC	4014B	F4050BDC	4050B	F4520BDC	4520B	F21490	159	F93427APC	74S287	FB440	160
F1149	5589	F4014BPC	4014B	F4050BPC	4050B	F4520BPC	4520B	F34046	4046B	F93427APC	74S287	FB600	169
F1168A	230	F4014PC	4014B	F4050PC	4050B	F4521B	4521B	F34046DC	4046B	F93427D	74S287	FB800	170
F1169	5402	F4015B	4015B	F4051B	4051B	F4521BDC	4521B	F34046PC	4046B	F93427DC	74S287	FB1000	170
F1170	5404	F4015BDC	4015B	F4051BDC	4051B	F4521BDC	4521B	F34046PCD	4046B	F93427P	74S287	FB1001	5322
F1171	5405	F4015BDC	4015B	F4051BPC									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
FBN-36603	130	FCS1227G810	108	FD-1029-GY	5009A	FD-1073-BK	7406	FD-1080-AR	74S05	FE4302	457	FLC8212TR	8212
FBN-36672	181	FCS1229F	128	FD-1029-HA	5013A	FD-1073-BL	7407	FD-1080-AY	74S08	FE9018	108	FLC8216TN	8216
FBN-36673	181	FCS1229F	128	FD-1029-HB	5014A	FD-1073-BM	7408	FD-1080-BY	74S10	FEL2113	709	FLC8216TR	8216
FBN-37605	124	FCS1229G	123A	FD-1029-HC	5015A	FD-1073-BN	7410	FD-1080-BE	74S13			FLC8224TN	8224
FBN-38021	124	FCS1676BL	128	FD-1029-HD	5024A	FD-1073-BP	7413	FD-1080-BF	74S15			FLC8224TR	8224
FBN-38022	181	FCS1677LC	129	FD-1029-HE	5071A	FD-1073-BR	7420	FD-1080-BG	74S15	Fairchild "F" branded with part nbr is often mistaken as part of the nbr. Try locating nbr elsewhere by omitting "F". Ex: FPN3645 - Not Found PN3645 = ECG159			
FBN-38982	124	FCS1795D	129	FD-1029-HF	5079A	FD-1073-BS	7430	FD-1080-BH	74S17				
FBN-CP2293	102	FCS3716	284	FD-1029-HG	5282	FD-1073-BT	7437	FD-1080-BI	74S17				
FBN-CP34634	128	FCS8050C	289A	FD-1029-HH	5281A	FD-1073-BU	7440	FD-1080-BJ	74S19				
FBN-CP34759	176	FCS8550C	290A	FD-1029-HI	529	FD-1073-BV	7451	FD-1080-BK	74S21			FLH101	7400
FBN-L101	128	FCS8550C	290A	FD-1029-HJ	519	FD-1073-BY	7454	FD-1080-BL	74S21			FLH105	7400
FBN-L103	129	FCS9011F	85	FD-1029-HK	5129	FD-1073-CA	7486	FD-1080-BM	74S21			FLH111	7410
FBN-L108	124	FCS9011G	85	FD-1029-HL	5010A	FD-1073-CB	7442	FD-1080-BN	74S21			FLH115	7410
FBN-L109	128	FCS9011H	85	FD-1029-HM	5102A	FD-1073-CC	7447	FD-1080-BO	74S21			FLH121	7420
FBN-L113	128	FCS9011I	85	FD-1029-HN	5179	FD-1073-CD	7474	FD-1080-BP	74S21			FLH125	7420
FBN-L115	128	FCS9011J	85	FD-1029-HO	521A	FD-1073-CE	7475	FD-1080-C	74S25			FLH131	7430
FBN-L148	128	FCS9011K	85	FD-1029-I	521A	FD-1073-CF	7476	FD-1080-DG	74S25			FLH135	7430
FBP-00-024	5547	FCS9011L	85	FD-1029-J	521A	FD-1073-CG	7493A	FD-1080-E	74S25			FLH141	7440
FBP6C01	5312	FCS9012	290A	FD-1029-JH	521A	FD-1073-CH	7477	FD-1080-F	74S25			FLH145	7440
FBP6C02	5312	FCS9012	290A	FD-1029-JI	521A	FD-1073-CJ	74121	FD-1080-G	74S25			FLH151	7450
FBP6C03	5313	FCS9012D	290A	FD-1029-JK	5214A	FD-1073-CK	74123	FD-1080-H	74S25			FLH155	7450
FBP6C04	5314	FCS9012E	290A	FD-1029-JL	521A	FD-1073-CL	74151	FD-1080-I	74S25			FLH161	7451
FBP6C05	5315	FCS9012F	290A	FD-1029-JM	521A	FD-1073-CM	74153	FD-1080-J	74S25			FLH165	7451
FBP6C06	5316	FCS9012G	290A	FD-1029-JN	521A	FD-1073-CN	74154	FD-1080-K	74S25			FLH171	7453
FBP6C07	5317	FCS9012H	290A	FD-1029-JO	521A	FD-1073-CO	74155	FD-1080-L	74S25			FLH175	7453
FBT00045	923	FCS9012I	290A	FD-1029-JP	521A	FD-1073-CP	74180	FD-1080-M	74S25			FLH181	7454
FBT00047	1916	FCS9012J	290A	FD-1029-JQ	521A	FD-1073-CR	7490	FD-1080-N	74S25			FLH185	7454
FBT00048	1919	FCS9012K	290A	FD-1029-JR	521A	FD-1073-CS	7491	FD-1080-O	74S25			FLH191	7402
FBT00071	923	FCS9012L	290A	FD-1029-JS	521A	FD-1073-CV	7498	FD-1080-P	74S25			FLH195	7402
FBT-00-015	912	FCS9012M	290A	FD-1029-JT	521A	FD-1073-D	7432	FD-1080-Q	74S25			FLH195S	7402
FBT00131	1920	FCS9012N	290A	FD-1029-JU	521A	FD-1073-DC	7485	FD-1080-R	74S25			FLH201	7401
FBTX070	128	FCS9013	85	FD-1029-JV	521A	FD-1073-DE	74150	FD-1080-S	74S25			FLH205	7401
FC52	614	FCS9013C	85	FD-1029-JW	521A	FD-1073-DF	74151	FD-1080-T	74S25			FLH211	7404
FC52	614	FCS9013D	85	FD-1029-JX	521A	FD-1073-DH	74160	FD-1080-U	74S25			FLH215	7404
FC52M	614	FCS9013F	85	FD-1029-JY	521A	FD-1073-DJ	74161	FD-1080-V	74S25			FLH221	7480
FC55	611	FCS9013G	123AP	FD-1029-K	5030A	FD-1073-DK	74163	FD-1080-W	74S25			FLH225	7480
FC56	616	FCS9013H	85	FD-1029-KA	5030A	FD-1073-DM	74175	FD-1080-X	74S25			FLH231	7482
FC57	616	FCS9013I	85	FD-1029-KB	5030A	FD-1073-DN	74177	FD-1080-Y	74S25			FLH235	7482
FC74L593	74L593	FCS9013JH	123AP	FD-1029-KC	5030A	FD-1073-DO	74180	FD-1080-Z	74S25			FLH241	7483
FC81	613	FCS9013HH	123AP	FD-1029-KD	5030A	FD-1073-DP	74180	FD-1080-AA	74S25			FLH245	7483
FC82	610	FCS9014(EBC)	199	FD-1029-KE	5072A	FD-1073-DQ	74181	FD-1080-AB	74S25			FLH251	7483
FC5006	108	FCS9014A(EBC)	199	FD-1029-KF	5072A	FD-1073-DR	74191	FD-1080-AC	74S25			FLH257	7483
FC8092CN	8092	FCS9014B(EBC)	199	FD-1029-KG	5072A	FD-1073-DY	955M	FD-1080-AD	74S25			FLH261	7483
FC8123CN	8123	FCS9014C(EBC)	199	FD-1029-KH	5072A	FD-1073-DZ	7426	FD-1080-AE	74S25			FLH265	7483
FC8219CN	8219	FCS9014D(EBC)	199	FD-1029-KI	5072A	FD-1073-E	922	FD-1080-AF	74S25			FLH271	7483
FC8223CN	8223	FCS9014E(EBC)	199	FD-1029-KJ	5072A	FD-1073-EE	74126	FD-1080-AG	74S25			FLH275	7483
FC8520CN	8520	FCS9014F(EBC)	199	FD-1029-KK	5072A	FD-1073-EF	778A	FD-1080-AH	74S25			FLH281	7483
FC8524CN	8524	FCS9014G(EBC)	199	FD-1029-KL	5072A	FD-1073-F	75188	FD-1080-AI	74S25			FLH285	7483
FC8546CN	8546	FCS9014H(EBC)	199	FD-1029-KM	5072A	FD-1073-FH	834	FD-1080-AJ	74S25			FLH291	7426
FC8550	294	FCS9014I(EBC)	199	FD-1029-KN	5072A	FD-1073-FI	7427	FD-1080-AK	74S25			FLH295	7403
FC8552CN	8552	FCS9015	159	FD-1029-KO	5072A	FD-1073-FJ	7427	FD-1080-AL	74S25			FLH301	7426
FC8553CN	8553	FCS9015B	159	FD-1029-KP	5072A	FD-1073-FK	7427	FD-1080-AM	74S25			FLH305	7426
FC8554CN	8554	FCS9015C	159	FD-1029-KQ	5072A	FD-1073-FL	74193	FD-1080-AN	74S25			FLH311	7426
FC8555CN	8555	FCS9015D	159	FD-1029-KR	5072A	FD-1073-FM	74193	FD-1080-AO	74S25			FLH315	7426
FC8556CN	8556	FCS9016	108	FD-1029-KS	5030A	FD-1073-FN	74193	FD-1080-AP	74S25			FLH321	7426
FC8613CN	8613	FCS9016B	108	FD-1029-KT	5030A	FD-1073-FO	74193	FD-1080-AQ	74S25			FLH325	7426
FC8653CN	8653	FCS9016C	108	FD-1029-KU	5030A	FD-1073-FP	74193	FD-1080-AR	74S25			FLH331	7426
FC9015	159	FCS9016D	108	FD-1029-KV	5030A	FD-1073-FQ	74193	FD-1080-AS	74S25			FLH335	7426
FC0003PC	177	FCS9016E	108	FD-1029-KW	5030A	FD-1073-FR	74193	FD-1080-AT	74S25			FLH341	7426
FC0014NCS	177	FCS9016F	108	FD-1029-KX	5030A	FD-1073-FS	74193	FD-1080-AU	74S25			FLH345	7426
FC00070ANC	614	FCS9016G	108	FD-1029-KY	5030A	FD-1073-FT	74193	FD-1080-AV	74S25			FLH351	7426
FC0810	3040	FCS9017	108	FD-1029-KZ	5030A	FD-1073-FU	74193	FD-1080-AW	74S25			FLH355	7426
FC0810A	3040	FCS9018	108	FD-1029-L	5276A	FD-1073-FV	74193	FD-1080-AX	74S25			FLH361	7426
FC0810B	3040	FCS9018B	108	FD-1029-LA	5276A	FD-1073-FW	74193	FD-1080-AY	74S25			FLH365	7426
FC0810C	3040	FCS9018C	108	FD-1029-LB	5276A	FD-1073-FX	74193	FD-1080-AZ	74S25			FLH371	7426
FC0810D	3040	FCS9018D	108	FD-1029-LC	5276A	FD-1073-FY	74193	FD-1080-BA	74S25			FLH375	7426
FC0810E	3040	FCS9018E	108	FD-1029-LD	5276A	FD-1073-FZ	74193	FD-1080-BB	74S25			FLH381	7426
FC0810F	3040	FCS9018F	108	FD-1029-LE	5276A	FD-1073-G	922	FD-1080-BC	74S25			FLH385	7426
FC0810G	3040	FCS9018G	108	FD-1029-LF	5276A	FD-1073-GA	922	FD-1080-BD	74S25			FLH391	7426
FC0810H	3040	FCS9018H	108	FD-1029-LG	5276A	FD-1073-GB	922D	FD-1080-BE	74S25			FLH395	7426
FC0810I	3040	FCS9018I	108	FD-1029-LH	5276A	FD-1073-GC	922D	FD-1080-BF	74S25			FLH401	7426
FC0810J	3040	FCS9018J	108	FD-1029-LI	5276A	FD-1073-GD	922D	FD-1080-BG	74S25			FLH405	7426
FC0810K	3040	FCS9018K	108	FD-1029-LJ	5276A	FD-1073-GE	922D	FD-1080-BH	74S25			FLH411	7426
FC0810L	3040	FCS9018L	108	FD-1029-LK	5276A	FD-1073-GF	922D	FD-1080-BI	74S25			FLH415	7426
FC0810M	3040	FCS9018M	108	FD-1029-LM	5276A	FD-1073-GH	922D	FD-1080-BJ	74S25			FLH421	7426
FC0810N	3040	FCS9018N	108	FD-1029-LN	5276A	FD-1073-GI	922D	FD-1080-BK	74S25			FLH425	7426
FC0810O	3040	FCS9018O	108	FD-1029-LO	5276A	FD-1073-GJ	922D	FD-1080-BL	74S25			FLH431	7426
FC0810P	3040	FCS9018P	108	FD-1029-LP	5276A	FD-1073-GK	922D	FD-1080-BM	74S25			FLH435	7426
FC0810Q	3040	FCS9018Q	108	FD-1029-LQ	5276A	FD-1073-GL	922D	FD-1080-BN	74S25			FLH441	7426
FC0810R	3040	FCS9018R	108	FD-1029-LR	5276A	FD-1073-GM	922D	FD-1080-BO	74S25			FLH445	7426
FC0810S	3040	FCS9018S	108	FD-1029-LS	5276A	FD-1073-GN	922D	FD-1080-BP	74S25			FLH451	7426
FC0810T	3040	FCS9018T	108	FD-1029-LT	5276A	FD-1073-GO	922D	FD-1080-BQ	74S25			FLH455	7426
FC0810U	3040	FCS9018U	108	FD-1029-LU	5276A	FD-1073-GP	922D	FD-1080-BR	74S25			FLH461	7426
FC0810V	3040	FCS9018V	108	FD-1029-LV	5276A	FD-1073-GQ	922D	FD-1080-BS	74S25			FLH465	7426
FC0810W	3040	FCS9018W	108	FD-1029-LW	5276A	FD-1073-GR	922D	FD-1080-BT	74S25			FLH471	7426
FC0810X	3040	FCS9018X	108	FD-1029-LX	5276A	FD-1073-GS	922D	FD-1080-BU	74S25			FLH475	7426
FC0810Y	3040	FCS9018Y	108	FD-102									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
FLJ165	7490 ♦	FM1-0014	123AP	FPR40-1005	102A	FR155	580	FST2	116	FT5713	2321
FLJ171	7492	FM1-0015	123AP	FPR40-1006	109	FR202	116	Fairchild "F"		FT5713M	2321
FLJ175	7492 ♦	FM1-0016	123AP	FPR50-1001	123A	FR202	116	branded with part		FT5714M	2322
FLJ181	7493A	FM1-0019	297	FPR50-1002	123A	FR103	118	nbr is often mis-		FT5851	97 ♦
FLJ185	7493A ♦	FM1-0020	298	FPR50-1003	108	FRB-564	175	taken as part of the		FT03C	5673
FLJ191	7495	FM1-0230	123AP	FPR50-1004	108	FRH101	116	nbr. Try locating		FT03D	5675
FLJ195	7495 ♦	FM1-0231	123AP	FPR50-1005	102A	FRH-101	116	nbr elsewhere by		FT06E	5675
FLJ201	74190	FM1-0232	123AP	FPR50-1006	102A	FR-714005/1AS-2	F1A005%	omitting "F"		FT06B	5632
FLJ205	74190 ♦	FM1-0233	123AP	FPR50-1011	3032	FR-714005/2AS	F2A005%			FT06C	5633
FLJ211	74191	FM1-0234	123AP	FPT-400	3036	FR-714012/2AS	F2A012%			FT06D	5635
FLJ215	74191 ♦	FM1-0235	123AP	FPT400	3036	FR2000	3030	Ex: FPN3645 - Not		FT06F	5635
FLJ221	7491	FM1-0236	123AP	FPT-500	3032	FR4403	3030	Found		FT118	229
FLJ225	7491 ♦	FM1-0237	278	FPT500	3032	FR01C	5683	PN3645 =		FT129	229
FLJ231	7494	FM1-0238	278	FPT510A	3036	FR01E	5685	ECG159		FT158	229
FLJ235	7494 ♦	FM1-0239	297	FPT570	3036	FR01E	5685			FT168	108
FLJ241	74192	FM1-0240	107	FPT-570	3036	FRS3693	229			FU1K	506
FLJ245	74192 ♦	FM1-0241	123A	FQ01C	5683	FS03C	5673			FU-1M	552
FLJ251	74193	FM1-0242	123AP	FQ01D	5683	FS03D	5675			FU1M	116
FLJ255	74193 ♦	FM1-0243	177	FQ01E	5683	FS03E	5675			FU-1MA	552
FLJ261	7496	FM1-0244	177	FQ08C	5683 ♦	FS06B	5632			FU1N	552
FLJ265	7496 ♦	FM1-0247	139A	FQ08D	5685 ♦	FS06C	5633			FU-1N	552
FLJ271	74107	FM1-0249	116	FQ08E	5685 ♦	FS06D	5635			FU-1NA	552
FLJ275	74107 ♦	FM1-0250	1016	FQ08F	5685 ♦	FS06E	5635			FU1NA	552
FLJ311	74198	FM1J2	116	FQ08G	5687 ♦	FS07C	5633			FU1U	116
FLJ315	74198 ♦	FM708	108	FQ09C	5679 ♦	FS07D	5635			FU5B7709393	909
FLJ321	74199	FM709	108	FQ09D	5679 ♦	FS07E	5635			FU5B7710393	910
FLJ325	74199 ♦	FM720A	108	FQ09E	5679 ♦	FS07F	5637			FU5B7740393	940B
FLJ331	7497	FM870	108	FQ09F	5679 ♦	FS07G	5637			FU5B7741393	941
FLJ341	74110	FM871	108	FQ09G	5679 ♦	FS08C	5667A			FU5B7749393	949
FLJ345	74110 ♦	FM910	108	FQ10C	5688	FS08D	5667A			FU5D770331X	703
FLJ351	74111	FM911	108	FQ10D	5688	FS08E	5667A			FU5D7703393	703
FLJ355	74111 ♦	FM914	108	FQ10E	5688	FS08F	5667A			FU5E7064393	780
FLJ381	74196	FM1613	108	FQ10F	5679 ♦	FS08G	5633			FU5F7711393	911
FLJ385	74196 ♦	FM1711	108	FQ10G	5690	FS09C	5679 ♦			FU5F7715393	915
FLJ391	74197	FM1893	154	FQ21C	5679	FS09D	5679 ♦			FU5F7747393	947
FLJ395	74197 ♦	FM2368	108	FQ21D	5679	FS09E	5679 ♦			FU5R7723393	923
FLJ401	74160	FM2369	108	FQ21E	5679	FS09F	5679 ♦			FU5T7725393	925
FLJ405	74160 ♦	FM2846	108	FQ21F	5679	FS09G	5679 ♦			FU6A7709393	909D
FLJ411	74161	FM2847	108	FQ21G	5679	FS10C	5688			FU6A7710393	910D
FLJ415	74161 ♦	FM3014	108	FQ21H	5683	FS10D	5688			FU6A7711393	911D
FLJ421	74162	FM3958	461	FQ21I	5683	FS10E	5689			FU6A7723393	923D
FLJ425	74162 ♦	FM7C0C120B	5574	FQ21J	5683	FS10F	5690			FU6A7739393	725
FLJ431	74163	FMP5551M	287	FQ21K	5683	FS10G	5690			FU6A7741393	941D
FLJ435	74163 ♦	FMP5551M	48	FR01D	5685	FS12C	5633			FU6A7742393	979B
FLJ441	74164	FMP5A20	123A	FR01E	5685	FS12E	5635			FU6B770339X	703
FLJ445	74164 ♦	FMT5108	316	FR08C	5683 ♦	FS19	109			FU6A7723393	923D
FLJ451	74165	FN37F20	6074	FR08D	5685 ♦	FS102	5402			FU6A7741393	941D
FLJ455	74165 ♦	FN37F60	6076	FR08E	5685 ♦	FS152	5404			FU6A7741393	941M
FLJ461	74165 ♦	FN37F120	6078	FR08F	5687 ♦	FS202	5404			FU09F	506
FLJ465	74165 ♦	FN37R20	6075	FR08G	5687 ♦	FS302	5405			FU09G	5629 ♦
FLJ531	74174	FN37R60	6077	FR09C	5679 ♦	FS340M	5424 #			FU12C	5629 ♦
FLJ535	74174 ♦	FN37R120	6079	FR09D	5679 ♦	FS402	5424 #			FU12D	5629 ♦
FLJ541	74175	FN500	3078	FR09E	5679 ♦	FS503PA	6158			FU12E	5629 ♦
FLJ545	74175 ♦	FN507	3078	FR09F	5679 ♦	FS503RA	6158			FU1741	289A
FLJ561	74195	FN507	3080	FR09G	5679 ♦	FS503VA	6158			FU703HCG	703
FLJ565	74195 ♦	FN507	3074	FR-1	116	FS703PA	6158			FUA706BPC	OBS-NLA
FLK101	74121	FN507	3074	FR-1H	116	FS703RA	6158			FUA-706BPC	OBS-NLA
FLK105	74121 ♦	FN507	3075	FR-1H(M)	116	FS703VA	6158			FUA767PC	722
FLK111	74122	FN507	3077	FR1M	116	FS1221	123A			FUA905C	961
FLK115	74122 ♦	FO5	116	FR1M	116	FS1308	107			FUA7805C	960
FLK121	74123	FOR1B(GAK)	5402	FR1MB	116	FS1331	128			FUA7805UC	960
FLK125	74123 ♦	FOR1B(GAK)	5402	FR1MD	116	FS1682	161			FUA7806C	961
FLK101	74141	FP08C	5693	FR-1N	116	FS1948-008	159			FUA7806UC	961
FLK111	74145	FP08E	5695 ♦	FR-1P	116	FS1974	123A			FUA7808C	964
FLK111T	74145	FP08F	5697 ♦	FR-1U	519	FS1978	195A			FUA7808UC	964
FLL115	7445 ♦	FP08G	5697 ♦	FR2	116	FS1978(RF Power)	195A			FUA7812C	966
FLL115T	7445 ♦	FP08C	5679 ♦	FR2-06	125	FS1990	234			FUA7812UC	966
FLL121	7446	FP09D	5679 ♦	FR2-07	116	FS2003-1	130			FUA7815C	968
FLL121T	7447	FP09E	5679 ♦	FR2-08	116	FS2299	160			FUA7815UC	968
FLL121U	7446	FP09F	5679 ♦	FR2-02C	116	FS3266	108			FUA7824C	972
FLL121V	7447	FP09G	5679 ♦	FR2-02	116	FS3683	108			FUA7824UC	972
FLL125	7446 ♦	FP2	159	FR2-02	116	FS7805M	960			FUA7905C	961
FLL125T	7447 ♦	FP-2	159	FR2-02	116	FS-7812	966			FUA7906UC	963
FLL125U	7446 ♦	FP-3	159	FR2-2P	116	FS7812M	966			FUA7906UC	963
FLL125V	7447 ♦	FP10C	5688	FR2P	116	FS7812T	966			FUA7912C	967
FLO101	7489	FP10D	5689	FR-10	125	FS7815	968			FUA7912UC	967
FLO105	7489 ♦	FP10E	5689	FR10C	5688	FS7815T	968			FUA7915C	969
FLO111	7481	FP10F	5690	FR10D	5689	FS7824T	972			FUA7824C	971
FLO115	7481 ♦	FP10G	5690	FR10E	5689	FS7915T	969			FUA7915UC	971
FLO131	74170	FP21C	5679	FR10F	5690	FS24226	159			FUA7924UC	971
FLO135	74170 ♦	FP21D	5679	FR10G	5690	FS24954	159			FU-IM	552
FLO137	3030	FP21E	5679	FR21C	5679	FS27233	128			FUL914-28	9914
FLV115	3020	FP21F	5679	FR21D	5679	FS35529	108			FUL923	OBS-NLA
FLV150	3020	FP21G	5679	FR21E	5679	FS36999	123A			FV-1	601
FLV315	3024	FP50201	234	FR21F	5679	FS326690	108			FV-11	601
FLV355	3024	FP50301	123AP	FR21G	5679	FS1948008	159			FV-11	601
FLV450	3021	FP50801	107	FR28A	5818	FS1A1169	115			FV-21	138A
FLY101	7460	FP57204	294	FR28B	5818	FS1A1177	113A			FV-21	138A
FLY105	7460 ♦	FP5733	159	FR28C	5820	FS1A1178	113A			FV-22	137A
FLY111	74150	FP5733	159	FR28D	5820	FS1A1202	115			FV22	137A
FLY115	74150 ♦	FPC828	199	FR28L	5822	FS24954	159			FV23	109
FLY121	74151	FPC828A	199	FR28M	5822	FSE1001	108			FV-23	109
FLY125	74151 ♦	FPC829	199	FR29A	5819	FSE3001	108			FV-24	5070A
FLY131	74153	FPC900	199	FR29B	5819	FSE4002	108			FV24	5070A
FLY135	74153 ♦	FPC929	107	FR29C	5821	FSE5002	108			FV215	605A
FLY141	74154	FPC945	289A	FR29D	5821	FS03C	5673			FV914	108
FLY145	74154 ♦	FPC1317	297	FR29L	5823	FS03D	5675			FV918	108
FLY151	74155	FPC1318	297	FR29M	5823	FS03E	5675			FV1043	610
FLY155	74155 ♦	FPC1383	293	FR51A	6007	FS06B	5633			FV1043	610
FLY161	74156	FPC1384	293	FR51B	6007	FS06C	5633			FV1106	610
FLY165	74156 ♦	FPC1675	289A	FR51C	6009	FS06D	5635			FV1106A	610
FM1	109	FPE100	3028	FR51D	6009	FS06E	5635			FV2369A	108
FM1-0001	221	FPE8050	293	FR51L	6011	FSP-1	108			FV2484	108
FM1-0002	229	FPE8550	294	FR51M	6011	FSP-2	108			FV2747C	100
FM1-0003	123AP	FPL92328	OBS-NLA	FR52A	6006	FSP-42-1	108			FV2894	106
FM1-0004	123AP	FPN3563	108	FR52B	6006	FSP-164	108			FV3014	108
FM1-0005	123AP	FPN3567	297	FR52C	6008	FSP-165	108			FV3030	108
FM1-0006	123AP	FPN3641	123AP	FR52D	6008	FSP-166	108			FW-50	166
FM1-0007	123AP	FPN5855	159	FR52L	6010	FSP-167	108			FW-50	166
FM1-0008	123AP	FPN5856	123AP	FR52M	6010	FSP-215	108			FW100	116
FM1-0009	123AP	FQ02222	2321	FR103	552 ♦	FSP-242-1	108			FW-100	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
G01-012-F	116	G09-017-C	1087	G4M3R	6159	G333A-8	22	G2004R	5855	GA5-4A25	A40240	GC641	121
G01-012-F	140A	G09-017-D	1087	G4N1	162	G333A-9	22	G2006	5854	GA5-4A40	A40240	GC680	102A
G01-036A	137	G09-018-A	788	G4N3	6158	G333A-10	22	G2006M	5854	GA5-4D02	B40240	GC681	102A
G01-036-G	139A	G09-028-A	3011	G4N3R	6159	G333A-11	22	G2006MR	5855	GA5-4D05	B40240	GC682	102A
G01-036-H	139A	G09-029-B	1052	G5	116	G333A-12	22	G2006R	5855	GA5-4D10	B40240	GC689	121
G01-037-A	142A	G09-029-C	1103	G5A3	6154	G333A-13	22	G2010	5874	GA5-4D25	B40240	GC692	121
G01-083-A	177	G09-029-D	1103	G5A3R	6155	G333A-14	22	G2010M	5874	GA5-4D40	B40240	GC783	123
G01-209-B	177	G09-034-A	1226	G5A7A66-2	128	G333A-15	22	G2010MR	5875	GA5-6A02	A40240	GC784	123
G01-209-B	177	G09-036-G	1029	G5B3	6154	G406A	610	G2010R	5875	GA5-6A05	A40240	GC856	102A
G01-217-A	177	G01036	139A	G5B3R	6155	G409	109	G3006	5858	GA5-6A10	A40240	GC864	102A
G01-406-A	613	G01036A	137A	G5C	109	G410	109	G3006R	5859	GA5-6A25	A40240	GC1003	160
G01-803A	177	G01036G	139A	G5C3	6154	G410A	611	G3010	5878	GA5-6A40	A40240	GC1004	160
G01-803-A	177	G01209	177	G5C3R	6155	G422A	613	G3010M	5878	GA5-6D02	A40240	GC1005	160
G01A	112	G01209B	177	G5D3	6154	G433	614	G3010MR	5879	GA5-6D05	B40240	GC1006	160
G02	116	G01211	116	G5D3R	6155	G433A	614	G3010R	5879	GA5-6D10	B40240	GC1007	160
G03-007C	184	G01803	177	G5E3	6154	G433A	614	G3115	311	GA5-6D25	B40240	GC1034	101
G03-017-B	294	G01803A	177	G5E3R	6155	G433A	614	G3339UCC	3539	GA5-6D40	B40240	GC1035	101
G03-017-C	294	G03007	179	G5F	6154	G498	109	G3339UDC	3539	GA-10	100	GC1036	101
G03-017-D	294	G03007C	184	G5F3	6154	G504	5859	G3339UPC	3539	GA1824	102	GC1081	126A
G03-404-B	129	G03014	294	G5F3R	6155	G504M	5850	G4004	5858	GA1824 TE	102	GC1092	160
G03-404-C	129	G03703C	187	G5G3	6154	G504MR	5851	G4004M	5858	G2886	100	GC1093	160
G03-406-C	185	G04041B	107	G5G3R	6155	G504R	5851	G4004MR	5859	GA52829	100	GC1093X3	160
G03-407-Y	159	G05004A	108	G5H3	6156	G506	5859	G4004R	5859	GA53149	100	GC1097	102A
G04-041B	107	G05015C	123A	G5H3R	6157	G506(DIODE)	5850	G4006M	5858	GA53242	100	GC1101	102A(2)
G04-701-A	121	G05035D	199	G5K	109	G506A	610	G4006MR	5859	GA53270	101	GC1134	102A
G04-704-A	131	G05035E	123A	G5K3	6156	G506M	5850	G4006MR	5859	GARE	137A	GC1136	102A
G04-711-E	158	G05036	123A	G5M3	6159	G506MR	5851	G4006R	5859	GB-1	109	GC1137	103A
G04-711-F	158	G05036B	123A	G5M3R	6159	G506R(DIODE)	5851	G4006R	5878	GB15205-2	A40240	GC1142	160
G04-711-G	158	G05036C	123A	G5N3R	6159	G510	611	G4010M	5878	GB15210-2	B40240	GC1143	102A
G04-711-H	158	G05036D	123A	G5.1T5	135A	G510(DIODE)	5870	G4010MR	5879	GB15215-2	B40240	GC1144	123A
G04-711-L	158	G05036E	123A	G5.1T10	135A	G510A	611	G4010R	5879	GB15225-2	B40240	GC1145	102A
G05-003-A	233	G05037B	123A	G5.1T20	135A	G510M	5870	G4090	230	GB15240-2	B40240	GC1146	160
G05-003-B	233	G05059	123A	G5.6T5	136A	G510MR	5871	G4090	5882	GB15405-2	B40240	GC1148	160
G05-004A	108	G05413B	128	G5.6T10	136A	G510R(DIODE)	5871	G5006M	5882	GB15410-2	B40240	GC1149	160
G05-010-A	123A	G05413B	128	G5.6T20	136A	G522	613	G5006MR	5883	GB15415-2	B40240	GC1150	102A
G05-011-A	123A	G05415	293	G6	116	G522A	613	G5006R	5883	GB15425-2	B40240	GC1155	160
G05-012-G	199	G05705	152	G6K3R	6157	G522A	613	G5010	5882	GB15440-2	B40240	GC1159	100
G05-015C	123A	G06714C	186	G7	112	G606	610	G5010M	5882	GB15505-2	B40480	GC1182	160
G05-015-D	123A	G08005L	312	G7A	112	G606A	610	G5010MR	5883	GB15510-2	B40480	GC1183	102A
G05-034-D	123A	G09007	1103	G7D	109	G610	611	G5010R	5883	GB15515-2	B40480	GC1184	102A
G05-035-D	123A	G09007B	1103	G7E	109	G610A	611	G5019	113A	GB15625-2	B40480	GC1185	103A
G05-035E	123A	G09009	1006	G7F	109	G657	116	G6000(HEP)	104	GB15640-2	B40480	GC1186	102A
G05-035-E	199	G09009A	1006	G7G	109	G659	116	G6001(HEP)	179	GB16000	3116	GC1187	102A
G05-036-B	199	G09015	1003	G8	125	G700	116	G6002(HEP)	28	GBS201A	5641	GC1257	102A
G05-036B	85	G0Q-535-B	116	G9.1T5	139A	G701	116	G6003(HEP)	104	GBS401A	5642	GC1302	100
G05-036C	85	G1	116	G9.1T10	139A	G702	116	G6004	5862	GBS3110F	5667A	GC1422	102A
G05-036-C	123A	G1B	116	G9.1T20	139A	G766	109	G6004(HEP)	105	GBS3115F	5673	GC1423	103A
G05-036D	123A	G1HA	109	G10	125	G769	109	G6004M	5862	GBS3125F	5673	GC1573	160
G05-036-D	199	G2	156	G11	102A	G770	109	G6004MR	5863	GBS3210F	5677A	GC1575-1	128
G05-036-E	123A	G2A	156	G12	102A	G788	109	G6004R	5863	GBS3215F	5673	GC1761	610
G05-036E	123A	G2B	156	G12T5	142A	G789	109	G6005(HEP)	121	GBS3225F	5863	GC1763	611
G05-036F	199	G2-BJ	116	G12T10	142A	G790	109	G6006	5862	GBS3310F	5667A	GC1764	612
G05-037-A	229	G2BJ	116	G12T20	142A	G814	109	G6006(HEP)	213	GBS3315F	5675	GC1767	613
G05-037B	123A	G2D	156	G13	160	G815	109	G6006M	5862	GBS3325F	5675	GC4025	100
G05-037-B	229	G2G	156	G14	102A	G816	109	G6006MR	5863	GBS3410F	5673	GC4045	121
G05-037-D	229	G2J	156	G15T10	145A	G820	109	G6006R	5863	GBS3415F	5675	GC4062	121
G05-050-C	107	G2K	156	G15T20	145A	G821	109	G6007(HEP)	127	GBS3415F	5675	GC4087	121
G05-055-C	289A	G2M	156	G19	121	G822	109	G6008(HEP)	127	GBS3415F	5675	GC4094	131
G05-055-D	289A	G3	5809	G23-45	130	G823	109	G6009(HEP)	179	GBS3510F	5667A	GC4097	131
G05-055-E	289A	G3A	5800	G23-46	128	G824	109	G6010	5882	GBS3515F	5677	GC4111	121
G05-061-B	199	G3A3	6154	G23-67	130	G825	109	G6010(HEP)	213	GBS3525F	5687	GC4125	121
G05-061-C	199	G3A3R	6155	G23-76	380	G844	109	G6010M	5882	GBS3525F	5687A	GC4144	102A
G05-061-D	199	G3B	5801	G27T5	146A	G845	109	G6010MR	5883	GBS3615F	5677	GC4156	121
G05-061E	199	G3B3	6154	G27T10	146A	G846	109	G6010R	5883	GBS3625F	5677	GC4213	178A(11)
G05-063-R	229	G3B3R	6155	G27T20	146A	G847	109	G6013	121	GC31	100	GC4251	121
G05-064-A	123A	G3C3	6154	G100	109	G868	109	G6014(HEP)	179	GC32	100	GC4267-2	121
G05-065-A	229	G3C3R	6155	G100B	116	G869	109	G6015(HEP)	179	GC33	100	GC4267-3	104
G05-066A	229	G3D	5802	G100D	116	G1004	5854	G6016	131	GC34	100	GC5010	102A
G05-066-A	229	G3D3	6154	G100G	116	G1004M	5854	G6018(HEP)	179	GC35	100	GC5012	109
G05-406-C	187A	G3D3R	6155	G100J	116	G1004MR	5855	G8004	5866	GC60	100	GD1E	109
G05-413A	289A	G3E3	6154	G100K	125	G1004R	5855	G8004M	5866	GC61	100	GD10	109
G05-413B	85	G3E3R	6155	G100M	5862	G1006	5854	G8004MR	5867	GC121C	102A	GD1P	109
G05-413-B	289A	G3F3	6154	G106	610	G1006M	5854	G8004R	5867	GC148	103A	GD-204BD	3025
G05-413-C	289A	G3F3R	6155	G106A	610	G1006MR	5855	G8006	5866	GC181	100	GD-4-204CD	3020
G05-413D	85	G3G	5804	G110(Transistor)	105	G1006R	5855	G8006M	5866	GC182	100	GD-4-204GD	3021
G05-413-D	289A	G3G3	6154	G110(Varactor)	611	G1010	109	G8006MR	5867	GC250	102A	GD-4-204RD	3024
G05-413D	85	G3G3R	6155	G110A	611	G1010(DIODE)	5874	G8006R	5867	GC282	160	GD-4-205CD	3020
G05-415-A	293	G3H3	6156	G122	613	G1010A	5877	G8006R	5867	GC283	160	GD-4-205GD	3024
G05-415-B	293	G3H3R	6157	G122A	613	G1010M	5874	G8010M	5886	GC284	160	GD-4-205RD	3025
G05-415-C	293	G3J	5806	G133	614	G1010MR	5875	G8010MR	5887	GC285	103A	GD-4-505RD	3007
G05-416-C	186A	G3K	5808	G133A	614	G1010R(DIODE)	5875	G8010R	5887	GC286	103A	GD4E	109
G05-706-D	199	G3K3	6156	G156	109	G1104	5868	G9423	229	GC433	102A	GD5E	109
G05-706-E	199	G3K3R	6157	G157	109	G1104M	5868	G9600	123A	GC436	100	GD6E	109
G06-061-B	199	G3M	5809	G158	109	G1104MR	5869	G9600(G.E.)	123A	GC387	160	GD8E	109
G06-714C	186	G3M3	6158	G159	109	G1104R	5869	G9623	123A	GC388	160	GD11E	109
G06-717-B	184	G3M3R	6159	G181-725-001	181	G1106	5868	G9625	229	GC389	160	GD12	116
G06-717-C	184	G3N3	6158	G198	109	G1106M	5868	G9696	123A	GC408	102A	GD12E	109
G06-717-D	184	G3N3R	6159	G199	109	G1106MR	5869	G10119	116	GC452	100	GD13E	109
G06-723D	103A	G4	5809	G200	109	G1106R	5869	G13638	159	GC453	101	GD-25	109
G08-005L	312	G4A	5800										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
GD3638	177	GE-69	378	GE-504A	116	GE-5101	5991	GE-IC12	703	GEIC-135	1052	GEIC-271	1008
GD3638-00	109	GE-72	162	GE505	125	GE5104	5994	GEIC-13	731	GEIC-136	10789	GEIC-272	1023
GD5004	109	GE-73	163A	GE-509	125	GE-5105	5995	GEIC-14	721	GEIC-137	1184	GEIC-273	1031
GDG00	177	GE-74	180	GE-509A	125	GE-5108	6002	GEIC-15	723	GEIC-138	1140	GEIC-274	1038
GE-1	100	GE-75	181	GE-510	156	GE-5109	6003	GEIC-16	7379	GEIC-139	1185	GEIC-275	1083
GE-1N5061	116	GE-76	179	GE-511	506	GE-5128	6054	GEIC-17	736	GEIC-140	1082	GEIC-276	1107
GE-2	102	GE81	123A	GE-512	156	GE-5129	6055	GEIC-18	790	GEIC-142	1088	GEIC-277	OBS-NLA
GE-3	121	GE-81	123A	GE-513	513	GE-5132	6060	GEIC-19	725	GEIC-143	1061	GEIC-278	1115
GE-4	105	GE-82	159	GE-514	519	GE-5133	6061	GEIC-20	780	GEIC-147	712	GEIC-279	1116
GE-5	101	GE82	159	GE-516	522	GE-5136	6064	GEIC-21	783	GEIC-148	712	GEIC-280	1117
GE5ZD-3.3	5111A	GE-83	188	GE-517	522	GE-5137	6065	GEIC-22	728	GEIC148	712	GEIC-281	1123
GE5ZD-3.6	5112A	GE-84	189	GE-518	500A	GE-5140	6072	GEIC-23	729	GEIC-149	1004	GEIC-282	1125
GE5ZD-3.9	5113A	GE-85	199	GE-519	532	GE-5141	6073	GEIC-24	744	GEIC-150	1213	GEIC-283	OBS-NLA
GE5ZD-4.3	5114A	GE86	316	GE519	532	GE6060	98	GEIC-25	949	GEIC-153	1229	GEIC-284	1136
GE5ZD-4.7	5115A	GE-86	316	GE-520	501B	GE6061	98	GEIC-26	748A	GEIC154	1237	GEIC-285	1149
GE5ZD-5.1	5116A	GE88	192A	GE521	526A	GE6062	98	GEIC-27	804	GEIC-155	801	GEIC-286	1150
GE5ZD-5.6	5117A	GE-89	193	GE-521	526A	GE6063	177	GEIC-28	719	GEIC-156	1122	GEIC-287	1154
GE5ZD-6.0	5118A	GE-90	614	GE-522	536A	GE6251	98	GEIC-29	738	GEIC-157	1121	GEIC-288	903
GE5ZD-6.2	5119A	GE90	614	GE-522A	536A	GE6252	98	GEIC-30	739	GEIC-158	1121	GEIC-289	904
GE5ZD-6.8	5120A	GE129	107	GE-523	522	GE6253	98	GEIC-31	740A	GEIC-159	1039	GEIC-290	905
GE5ZD-7.5	5121A	GE-130	116	GE-524	531	GE6366	116	GEIC-32	743	GEIC-160	1041	GEIC-295	1223
GE5ZD-8.2	5122A	GE-208	160	GE-525	532	GE-7400	7400	GEIC-33	709	GEIC-162	1029	GEIC-300	1161
GE5ZD-8.7	5123A	GE-210	123A	GE-526	533	GE-7402	7402	GEIC-34	709	GEIC-163	1030	GEIC-301	1164
GE5ZD-9.1	5124A	GE-211	123A	GE-527	500A	GE-7404	7404	GEIC-35	709	GEIC-164	1032	GEIC-302	1173
GE5ZD-10	5125A	GE-212	199	GE-528	523	GE-7406	7406	GEIC-36	1004	GEIC-165	1033	GEIC-303	1182
GE5ZD-11	5126A	GE-213	316	GE-529	529	GE-7408	7408	GEIC-37	1010	GEIC-166	1034	GEIC-304	1098
GE5ZD-12	5127A	GE-214	316	GE-531	125	GE-7410	7410	GEIC-38	1006	GEIC-167	1035	GEIC-311	1096
GE5ZD-13	5128A	GE215	235	GE-534	534	GE-7413	7413	GEIC-39	1121	GEIC-168	1036	GEIC-312	1096
GE5ZD-14	5129A	GE216	236	GE-535	535	GE-7420	7420	GEIC-40	1122	GEIC-169	1043	GEIC-313	1126
GE5ZD-15	5130A	GE-217	188	GE-536	537	GE-7427	7427	GEIC-41	1080	GEIC-170	1037	GEL234F1	717
GE5ZD-16	5131A	GE-218	189	GE-537	538	GE-7432	7432	GEIC-42	1005	GEIC-171	1087	GEL234F2	717
GE5ZD-17	5132A	GE-219	195A	GE-538	539	GE-7441	7441	GEIC-43	1003	GEIC-172	912	GEL239F2	721
GE5ZD-18	5133A	GE-220	287	GE-539	521	GE-7447	7447	GEIC-44	1053	GEIC-173	1171	GEL277	804
GE5ZD-19	5134A	GE-221	288	GE-540	530	GE-7448	7448	GEIC-45	1054	GEIC-175	1186	GEL2111	708
GE5ZD-20	5135A	GE-222	287	GE-700	5351	GE-7451	7451	GEIC-46	1057	GEIC-176	1187	GEL2111A1	708
GE5ZD-22	5136A	GE-223	288	GE-701	310	GE-7473	7473	GEIC-47	1055	GEIC-178	1205	GEL2111F1	708
GE5ZD-24	5137A	GE-224	191	GE-702	308	GE-7474	7474	GEIC-48	1056	GEIC-179	1155	GEL2113	709
GE5ZD-25	5138A	GE-225	240	GE-703	310	GE-7475	7475	GEIC-49	1058	GEIC-180	901	GEL2113A1	709
GE5ZD-27	5139A	GE-232	157	GE-720	1024	GE-7476	7476	GEIC-50	1060	GEIC-182	1060	GEL2113F1	709
GE5ZD-28	5140A	GE-235	287	GE-721	1027	GE-7485	7485	GEIC-51	1061	GEIC-183	748A	GEL2114	713
GE5ZD-30	5141A	GE-236	299	GE-722	1025	GE-7486	7486	GEIC-52	1062	GEIC-184	1062	GEL3072F1	790
GE5ZD-33	5142A	GE-237	165	GE-723	1090	GE-7490	7490	GEIC-53	1063	GEIC-185	909	GEMR-1	5874
GE-6	101	GE-238	165	GE-724	1028	GE-7492	7492	GEIC-54	1064	GEIC-190	960	GEMR-2	5990
GE-6GD1	113A	GE-239	179	GE-725	1212	GE-7493	7493	GEIC-55	1065	GEIC-191	964	GEMR-3	5545
GE-7	101	GE-240	213	GE3009	3047	GE10001	98	GEIC-56	1066	GEIC-194	7401	GEMR-4	5494
GE-8	103	GE-241	196	GE3010	3047	GE10002	98	GEIC-57	1067	GEIC-196	1180	GEMR-5	5455
GE-9	160	GE-243	128	GE3011	3047	GE10003	98	GEIC-58	1068	GEIC-197	1180	GEMR-6	186
GE-9A	160	GE-244	129	GE3012	3047	GE10004	98	GEIC-59	1072	GEIC-199	1172	GEMR-7	186
GE-10	123A	GE-245	160	GE3020	3048	GE10005	98	GEIC-60	1074	GEIC-201	1093	GEMR-8	186
GE-10A	199	GE-246	175	GE3021	3048	GE10006	98	GEIC-61	1181	GEIC-203	1230	GEP2955	332
GE-11	107	GE-247	186A	GE3022	3048	GE10007	98	GEIC-62	1137	GEIC-204	1225	GEP3055	331
GE-12	124	GE-248	187A	GE3023	3048	GE10008	98	GEIC-63	1073	GEIC-205	704	GEP32001	3040
GE-13MP	104MP	GE-249	191	GE3265	123A	GE10009	98	GEIC-64	1069	GEIC-207	711	GER4001	116
GE-14	130	GE-250	197	GE3390	123AP	GE10010	98	GEIC-65	1070	GEIC-208	716	GER4002	116
GE-15MP	130MP	GE-251	198	GE3391	123AP	GE10016	99	GEIC-66	1168	GEIC-209	717	GER4003	116
GE-16	121	GE-252	210	GE3638	109	GE10022	98	GEIC-67	1071	GEIC-210	727	GER-A	102A
GE-17	123A	GE-253	211	GE-4000	4000	GE10023	98	GEIC-68	1163	GEIC-212	735	GER-A-D	160
GE-18	128	GE-254	211	GE-4001	4001	GE10024	98	GEIC-69	1002	GEIC-213	742	GES92	123AP
GE-19	130	GE-255	211	GE-4002	4002	GE10025	98	GEIC-70	1002	GEIC-214	743	GES93	159
GE-20	123A	GE-256	228A	GE-4011	4011B	GE10026	98	GEIC-71	1158	GEIC-215	744	GES97	123AP
GE-21	159	GE-257	228A	GE-4012	4012B	GE10027	98	GEIC-72	1159	GEIC-216	745	GES98	194
GE-21A	129	GE-258	232	GE-4013	4013B	GE10028	98	GEIC-73	1094	GEIC-217	746	GES98.13	159
GE-22	159	GE-259	238	GE-4014	4014B	GE10029	98	GEIC-74	1215	GEIC-218	747	GES99	123AP
GE-23	175	GE-260	2778	GE-4015	4015B	GE10030	98	GEIC-75	1179	GEIC-219	750	GES99.1	159
GE-24MP	175(2)	GE-261	280	GE-4016	4016B	GE10031	98	GEIC-76	1217	GEIC-220	778A	GES99.2	159
GE-25	127	GE-262	280	GE-4017	4017B	GE10032	98	GEIC-77	1009	GEIC-221	779A	GES99.3	159
GE-26	153	GE-263	281	GE-4018	4018B	GE10033	98	GEIC-78	1011	GEIC-222	780	GES2218A	123AP
GE-27	171	GE-264	282	GE-4019	4019B	GE10034	98	GEIC-79	1011	GEIC-223	781	GES2219A	123AP
GE-28	186	GE-265	284	GE-4020	4020B	GE10035	98	GEIC-80	1180	GEIC-224	782	GES2221A	123AP
GE-29	187	GE-266	285	GE-4021	4021B	GE10036	98	GEIC-81	726	GEIC-225	783	GES2222A	123AP
GE-30	131	GE-267	286	GE-4022	4022B	GE10037	98	GEIC-82	1188	GEIC-226	783	GES2223A	123AP
GE-31MP	131MP	GE-268	287	GE-4023	4023B	GE10038	98	GEIC-83	726	GEIC-227	785	GES2483	123AP
GE-32	198	GE-269	290A	GE-4024	4024B	GE10039	98	GEIC-84	704	GEIC-228	786	GES2711	319P
GE-33	192	GE-270	295	GE-4025	4025B	GE10040	98	GEIC-85	724	GEIC-229	787	GES2712	319P
GE-34	183	GE-271	297	GE-4026	4026B	GE10041	98	GEIC-86	1108	GEIC-230	790	GES2904	159
GE-35	162	GE-272	297MP	GE-4027	4027B	GE10042	98	GEIC-87	1106	GEIC-231	791	GES2904A	159
GE-36	283	GE-273	300	GE-4028	4028B	GE10043	98	GEIC-88	1106	GEIC-232	795	GES2905	159
GE-37	164	GE-274	307	GE-4029	4029B	GE10044	98	GEIC-89	710	GEIC-233	796	GES2905A	159
GE-38	165	GE-275	307	GE-4030	4030B	GE10045	98	GEIC-90	1106	GEIC-234	797	GES2906	159
GE-39	161	GE-276	306	GE-4031	4031B	GE10046	98	GEIC-91	1104	GEIC-235	802	GES2907	159
GE-40	358A	GE-277	311	GE-4032	4032B	GE10047	98	GEIC-92	1100	GEIC-236	803	GES2923	123AP
GE-41	358	GE-278	313	GE-4033	4033B	GE10048	98	GEIC-93	1102	GEIC-237	804	GES2924	123AP
GE-42	116	GE-279	315	GE-4034	4034B	GE10049	98	GEIC-94	1103	GEIC-238	805	GES2925	123AP
GE43	155	GE-280	316	GE-4035	4035B	GE10050	98	GEIC-95	1101	GEIC-239	806	GES2926	123AP
GE-44	131	GE-281	317	GE-4036	4036B	GE10051	98	GEIC-96	1004	GEIC-240	807	GES3053	123AP
GE44	131	GE-282	317	GE-4037	4037B	GE10052	98	GEIC-97	749	GEIC-241	810A	GES3250A	159
GE-45	195A	GE-283	318	GE-4038	4038B	GE10053	98	GEIC-98	1080	GEIC-242	812	GES3251	159
GE-46	292A	GE-284	320	GE-4039	4039B	GE10054	98	GEIC-99	1109	GEIC-243	814A	GES3251A	159

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To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
GS9014	123AP	GT43	102A	GU-1Z	552	GZA27	5033A	H22A6	3102	H556	548	HA201	126A
GS9014H	123AP	GT44	102A	GU-3	552	GZA27X	5033A	H22A6A1	3102	H559	541	HA202	100
GS9014H/I	123AP	GT45	102A	GU3A	552	GZA27Y	5033A	H22B1	3103	H585	116	HA-234	160
GS9014I	123AP	GT46	102A	GU-3A	552	GZA27YBT	5033A	H22B2	3103	H598	503	HA235	126A
GS9014-J	123AP	GT47	102A	GU-3B	558	GZA-27.0Z	5033A	H22B3	3103	H598-10	503	HA235A	160
GS9014K	123AP	GT-60	6412	GU-3C	558			H22B4	3103	H600	116	HA240	160
GS9014-K	123AP	GT66	126A	GU-3SY	580	GZA30Y	5035A	H22B5	3103	H614-9	547	HA266	160
GS9014K	123AP	GT69	102	GU-3SZ	580	GZA33	5036A	H22B6	3103	H615	113A	HA267	160
GS9015	159	GT75	102	GU-3Z	552	GZA36	5037A	H22B6A1	3103	H616	116	HA-268	160
GS9015H	159	GT81	102	GV5760	177	GZA39	5038A	H24A1	3081	H617	116	HA-269	126A
GS9015I	159	GT81HS	102A	GV6063	123A	GZA43	5039A	H24A2	3081	H618	116	HA300	116
GS9015J	159	GT81R	102A	GV120226	519	GZA47	5040A	H24B1	3082	H619	116	HA330	126A
GS9018	108	GT82	102	GV120265	519	GZA51	5041A	H24B2	3082	H620	116	HA342	126A
GS9018-G	108	GT83	100	GV120327-1	519	H089	142A	H50	116	H621	126	HA350	126A
GS9018G	108	GT87	100	GV120077	123A	H091	109	H100	116	H623	177	HA-350A	126A
GS9018H	108	GT88	100	GZ062Y	5013T1	H1F1	125	H102	123A	H625	116	HA-353	126A
GS9019	123AP	GT109	102A	GZ0885	5016A	H1V	108	H102D1	9672	H626	116	HA-353C	126A
GS9019H	123AP	GT109R	102A	GZ3.6	5173A	H5A3	6354	H102D2	9672	H685	548	HA-354	126A
GS9019H/I	123AP	GT122	102	GZ3.9	5174A	H5A3R	6355	H102D6	9672	H685-1	548	HA354B	126A
GS9019I	123AP	GT123	102	GZ4.3	5175A	H5B3	6354	H103A	121	H781	116	HA400	116
GS9019J	123AP	GT132	102A	GZ4.7	5176A	H5B3R	6355	H103D1	9671	H783	116	HA471	126A
GS9022	159	GT153	100	GZ5.1	5177A	H5C3	6354	H103D2	9671	H800	125	HA500	116
GS9022F	159	GT167	101	GZ5.6	136A	H5C3R	6355	H103D6	9671	H815	506	HA505	153
GS9022G	159	GT222	102	GZ6.2	137A	H5D3	6354	H103HX	5640	H816	504	HA600	116
GS9022H	159	GT229	101	GZ6.8	5071A	H5D3R	6355	H103SC	5650	H843-2	547		
GS9022H/I	159	GT269	100	GZ7.5	138A	H5E3	6354	H103SD	5650	H844-4	545	HA800	125
GS9022I	159	GT328A	160	GZ8.2	5122A	H5E3R	6355	H103SG	5650	H844-5	545	HA1000	153
GS9022J	159	GT328B	160	GZ9.1	5185A	H5F3	6354	H103SH	5640	H844-6	545	HA1040	126A
GS9023	123AP	GT336	103A	GZ27	146A	H5F3R	6355	H103SS	5650	H844-10	546	HA1101	726
GS9023-1	123AP	GT346A	160	GZ33A	5203A	H5G3	6354	H104D1	9660	H844-11	546	HA1102	726
GS9023-1H	123AP	GT346B	160	GZA056U	5011T1	H5G3R	6355	H104D2	9660	H844-13	546	HA1103	704
GS9023G	123AP	GT364	103	GZA056Z	5011T1	H5H3	6356	H104D6	9660	H852-4	548	HA1104	1061
GS9023H	123AP	GT365	103	GZA2.4	5000A	H5K3	6356	H105D1	9673	H881	125	HA1108	901
GS9023I	123AP	GT366	103	GZA2.4X	5000A	H5M3	6358	H105D2	9673	H882	177	HA1110	901
GS9023-IH	123AP	GT367	102A	GZA2.7	5002A	H5M3R	6359	H105D6	9673	H890	507	HA1115	720
GS9023J	123AP	GT758	102	GZA2.7X	5002A	H5N3	6358	H109	156	H891	116(3)	HA1115W	720
GS9023K	123AP	GT759	102	GZA3.0	5004A	H5N3R	6359	H112D1	9681	H909	177	HA1117	112
GS9024-1	85	GT759R	102	GZA3.3	5005A	H10	102A	H112D2	9681	H911	123A	HA1118	1094
GS9024J	85	GT760	100	GZA3.3X	5005A	H11A1	3041	H112D6	9681	H932	123A	HA1119	1121
GS9024K	85	GT760R	102A	GZA3.6	5006A	H11A2	3041	H113HX	5640	H933	123A	HA1124	712
GS9025	123AP	GT761	100	GZA3.9	5007A	H11A3	3041	H113SC	5650	H934	123A	HA1124D	712
GS9025H	123AP	GT761R	100	GZA4.3	5008A	H11A4	3041	H113SD	5650	H1000	125	HA1124DS	712
GS9025I	123AP	GT762	100	GZA4.7	5009A	H11A5	3041	H113SG	5650	H1567	123A	HA1125	712
GS9025J	123AP	GT762R	100	GZA4.7X	5009A	H11A520	3041	H113SH	5640	H7126-3	116	HA1125A	712
GS9027G	399	GT763	102A	GZA5.1	5010A	H11A550	3041	H113SS	5650	H7337	153		
GS9027-G	399	GT766	100	GZA5.1L	5010T1	H11A5100	3041	H115D1	9678	H7618	188	HA1126	1004
GS9027H	399	GT766A	100	GZA5.1U	5010T1	H11AA1	3089	H115D2	9678	H8287	110MP	HA1126D	1004
GS9027-H(EB)	399	GT792	101	GZA5.1X	5010T1	H11AA1-11	3089	H115D6	9678	H8287-4	110MP	HA1126-D	1004
GS9032	159	GT832	100	GZA5.1Y	5010T1	H11AA2	3089	H115D6	9678	H8513	177	HA1126DW	1004
GS9032H	159	GT903	103A	GZA5.1Z	5010T1	H11AX	3045	H118D2	9680	H9423	123A	HA1126W	1004
GS9032-I	159	GT904	101	GZA5.6	5011A	H11B1	3084	H118D6	9680	H9618	123A	HA1127	912
GS9032-J	159	GT905	101	GZA5.6L	5011T1	H11B2	3084	H118D1	9677	H9623	123A	HA1128	712
GS9033	123AP	GT905R	101	GZA5.6U	5011T1	H11B3	3084	H118D2	9677	H9625	108	HA1128E	712
GS9033H	123AP	GT947	101	GZA5.6Y	5011T1	H11B7	3084	H119D6	9677	H9696	123A	HA1133	730
GS9033-I	123AP	GT948	101	GZA6.2	5012A	H11B255	3083	H122D1	9668	H75450A	75450B	HA1137	788
GS9033-J	123AP	GT949	103	GZA6.2L	5013A	H11B255R	3083	H122D2	9668	HA00052	100	HA1137P	788
GS9034	123AP	GT949R	101	GZA6.2U	5013A	H11B522	3084	H122D6	9668	HA00053	100	HA1137W	788
GS9034-I	123AP	GT1200	101	GZA6.2Y	5013T1	H11C1	3091	H123HX	5641	HA-00102	100	HA1138	1494
GS9034-J	123AP	GT1223	102A	GZA6.2Z	5013T1	H11C2	3091	H123SC	5651	HA-00495	159	HA1138PU	1494
GS9034-K	123AP	GT1604	100	GZA6.8	5014A	H11C3	3091	H123SD	5651	HA-00496	185	HA1139	1080
GS9036	69	GT1605	100	GZA6.8L	5014A	H11C4	3091	H123SG	5651	HA-00509	290A	HA1139A	1080
GS9036-E	69	GT1606	100	GZA6.8U	5014A	H11C5	3091	H123SH	5641	HA00562	290A	HA1140	1186
GS9036-F	69	GT1607	100	GZA7.5	5015A	H11C6	3091	H123SS	5651	HA-00562	290A	HA1141	712
GS9036-G	69	GT1608	101	GZA7.5L	5015A	H11D1	3088	H124D1	9661	HA-00564	234	HA1144	1213
GSA15	125	GT1609	101	GZA7.5U	5015A	H11D1-11	3088	H124D2	9661	HA-00610	159	HA1146	1004
GSA15B	125	GT1644	159	GZA7.5V	5015A	H11D2	3088	H124D6	9661	HA-00634	187	HA1148	1229
GSA15C	125	GT1658	103A	GZA7.5X	5015A	H11D3	3088	H124D6	9661	HA-00636	187	HA1151	1237
GSA15E	125	GT1665	102A	GZA7.5Y	5015A	H11D4	3088	H133SC	5652	HA-00643	193	HA1152	1080
GSA15G	125	GT2693	102	GZA8.2	5016A	H11F1	3085	H133SD	5652	HA-00689	153	HA1154	712
GSA30	156	GT2694	100	GZA8.2L	5016A	H11F2	3085	H133SG	5652	HA-00733	294	HA1156	801
GSA30B	156	GT2695	102	GZA8.2U	5016A	H11F3	3085	H133SH	5642	HA-00844	234	HA1156-6C	801
GSA30C	156	GT2696	102	GZA9.1	5017A	H11J1	3047	H133SS	5652	HA-0733	294	HA1156-6F	801
GSA30E	156	GT2766	101	GZA9.1L	5017A	H11J2	3047	H14156-5	948	HA1-4156-5	948	HA1156-6H2	801
GSA30G	156	GT2893	102	GZA9.1U	5019A	H11J3	3047	HA1-4741-5	948	HA1-4741-5	948	HA1156-6M2	801
GSA30J	156	GT2894	101	GZA10	5019A	H11J4	3047	HA1-5064-5	859	HA1-5064-5	859	HA1156W	801
GSB10	125	GT2885	102	GZA10L	5019T1	H11J5	3047	H143SD	5652	HA1-5064A-5	859	HA1157	1122
GSB10B	125	GT2886	102	GZA10U	5019T1	H11L1	3040	H143SH	5652	HA1-5084-5	859	HA1158	1094
GSB10C	125	GT2887	102	GZA10Y	5019T1	H11L2	3090	H143SH	5642	HA1-5084A-5	859	HA1158-O	1094
GSB10E	125	GT2888	101	GZA10Z	5019T1	H11L2-11	3090	H143SS	5652	HA3-4156-5	948	HA1158-O	1094
GSB10G	125	GT2906	101	GZA11	5020A	H12	105	H153HX	5643	HA3-4741-5	948	HA1159	1121
GSB10J	125	GT3150	101	GZA11L	5020A	H12/12/SCR	5702	H153SH	5643	HA3-5064-5	859	HA1177	1196
GSB10L	125	GT5116	126A	GZA11Y	5020A	H12A	105	H153SS	5653	HA3-5064A-5	859	HA1196	1484
GSB10M	125	GT5117	126A	GZA11Z	5020A	H13A1	3100	H163HX	5643	HA3-5084-5	859	HA1196U	1484
GSB10N	125	GT5148	126A	GZA11YBT	5020A	H13A2	3100	H163SH	5643	HA3-5084A-5	859	HA1197	1214
GSB10O	125	GT5149	126A	GZA12	5021A	H13B2	3101	H163SS	5653	HA7-5062-5	858M	HA1199	1290
GSB10P	125	GT5153	100	GZA-12L	5021A	H15A1	3081	H200	116	HA7-5062A-5	858M	HA1199P	1290
GSB10Q	125	GT8000	98	GZA12L	5021T1	H15A2	3081	H202B1	9672	HA7-5082-5	858M	HA1199PWE	1290
GSB10R	125	GT8001	98	GZA12U	5021T1	H15A9	3081	H203B1	9671	HA7-5082A-5	858M	HA1201	1039
GSB10S	125	GT8002	98	GZA12X	5021T1	H15B1	3082	H204B1	9660	HA-12	100	HA1202	1041
GSB10T	125	GT8003	97	GZA12Y	5021T1	H15B2	3082	H205B1	9673	HA12	160		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
HA1316	1036	HA11211	1486	HA17805	960	HBFA4020AE	4020B	HC-01820	123A	HCF4023BF	4023B	HCF4520BF	4520B
HA1318	1038	HA11211P	1486	HA17805P	960	HBFA4020AF	4020B	HC-01830	108	HCF4024BE	4024B	HCF4527BE	4527B
HA1318P	1038	HA11215	1469	HA17806	962	HBFA4021A	4021B	HC-09123	108	HCF4024BF	4024B	HCF4527BF	4527B
HA1318P-U	1038	HA11215A	1469	HA17806P	962	HBFA4021BD	4021B	HC-2	558	HCF4026B	4026B	HCF4532B	4532B
HA1318PU	1038	HA11215G	1469	HA17808	964	HBFA4021BP	4021B	HC2	558	HCF4026BE	4026B	HCF4532BE	4532B
HA1318PU	1038	HA11219	1543	HA17808P	964	HBFA4022	4022B	HC-8	541	HCF4026BF	4026B	HCF4532BF	4532B
HA1318PU-1	1038	HA11219GS	1543	HA17812	966	HBFA4022AE	4022B	HC-10	541	HCF4028BE	4028B	HCF4555BE	4555B
HA1318PU-2	1038	HA11220	1405	HA17812P	966	HBFA4023A	4023B	HC-12	548	HCF4028BF	4028B	HCF4555BF	4555B
HA1318PU-3	1038	HA11220GS	1405	HA17815	968	HBFA4023AE	4023B	HC-23G	601	HCF4029BE	4029B	HCF4556BE	4556B
HA1319	1043	HA11221	1492	HA17815P	968	HBFA4023AF	4023B	HC-30	116	HCF4029BF	4029B	HCF4556BF	4556B
HA-1322	1037	HA11221M	1492	HA17818	958	HBFA4024A	4024B	HC30	156	HCF4031B	4031B	HCF4898BF	4089B
HA1322	1037	HA11223	1482	HA17818P	958	HBFA4024AE	4024B	HC39	156	HCF4031BE	4031B	HCF40160BE	40160B
HA1322A	1037	HA11223G	1482	HA17824	972	HBFA4024AF	4024B	HC50	156	HCF4031BF	4031B	HCF40160BF	40160B
HA1322C	1037	HA11223W	1482	HA17901G	834	HBFA4025A	4025B	HC56	123A	HCF4032BE	4032B	HCF40161BE	40161B
HA1325	1238S	HA11223W	1482	HA17901P	834	HBFA4025AE	4025B	HC67	116	HCF4032BF	4032B	HCF40161BF	40161B
HA1338	1030S	HA11225	1488	HA17902G	987	HBFA4025AF	4025B	HC68	116	HCF4033BE	4033B	HCF40162BE	40162B
HA-1339	1169	HA11225GS	1488	HA17902P	987	HBFA4027A	4027B	HC69	116	HCF4033BF	4033B	HCF40162BF	40162B
HA1339	1169	HA11227	1500	HA17904	987	HBFA4027AE	4027B	HC71	116	HCF4034BE	4034B	HCF40163BE	40163B
HA1339A	1169	HA11227G	1500	HA17904P	987	HBFA4027AF	4027B	HC72	125	HCF4034BF	4034B	HCF40174BE	40174B
HA1342	1239	HA11228	1213	HA17904PS	928M	HBFA4028A	4028B	HC73	125	HCF4035BE	4035B	HCF40174BF	40174B
HA1342A	1239	HA11229	1575	HA78012AP	966	HBFA4028AE	4028B	HC80	116	HCF4035BF	4035B	HCL-29	123A
HA1350(TRANS)	102A	HA1123G	1575	HA1123G	1575	HBFA4028AF	4028B	HC206	108	HCF4038BE	4038B	HCL-6066	123A
HA1360	102A	HA1123S	1550	HA1123S	1550	HBFA4028A	4028B	HC371	123A	HCF4038BF	4038B	HCLP2501	3092
HA1364	1231	HA11235GS	1550	HA11235	116	HBFA4029A	4029B	HC372	123A	HCF4040BE	4040B	HCLP2502	3092
HA1366	1260	HA11238	1669	HA11238	1669	HBFA4029AF	4029B	HC373	123A	HCF4041UBE	4041	HCLP2503	3092
HA1366R	1261	HA11238GS	1669	HA11238GS	1669	HBFA4030A	4030B	HC380	107	HCF4041UBF	4041	HCLP2530	3095
HA1366W	1260	HA11238N	1669	HA11238N	1669	HBFA4030AE	4030B	HC381	107	HCF4042BE	4042B	HCLP2530DN	3095
HA1366WR	1261	HA11244	1544	HA11244	1544	HBFA4030AF	4030B	HC394	107	HCF4042BF	4042B	HCLP2531	3095
HA1368	1263	HA11244GS	1544	HA11244GS	1544	HBFA4032AE	4032B	HC458	123A	HCF4043BE	4043B	HCLP2630	3094
HA1368G	1263	HA11247	1296	HA11247	1296	HBFA4032AF	4032B	HC458	123A	HCF4043BF	4043B	HCLP2630DN	3094
HA1368R	1264	HA11247GS	1296	HA11247GS	1296	HBFA4033AE	4033B	HC460	107	HCF4045B	4045B	HCLP2631	3094
HA1368RW	1264	HA11251	1490	HA11251	1490	HBFA4033AF	4033B	HC461	107	HCF4045BE	4045B	HCLP3041	3097
HA1374	1397	HA11251GS	1490	HA11251GS	1490	HBFA4034AE	4034B	HC495	152	HCF4045BF	4045B	HCLP3810	3096
HA1374A	1397	HA11401	1401	HA11401	1401	HBFA4035	4035B	HC500	116	HCF4049BE	4049	HCV	116
HA1374AU	1397	HA11401GS	1401	HA11401GS	1401	HBFA4038AE	4038B	HC515	124	HCF4049BF	4049	HD-00072	103A
HA1374PU	1397	HA11409	1593	HA11409	1593	HBFA4038AF	4038B	HC535	107	HCF4050BE	4050B	HD-00227	123A
HA1377	1398	HA11412	1473	HA11412	1473	HBFA4040A	4040B	HC535A	107	HCF4050BF	4050B	HD-00261	192
HA1377A	1398	HA11412A	1473	HA11412A	1473	HBFA4040AE	4040B	HC535B	107	HCF4051BE	4051B	HD-00467	297
HA1377AU	1398	HA11412GS	1473	HA11412GS	1473	HBFA4040AF	4040B	HC537	107	HCF4051BF	4051B	HD-00471	289A
HA1377PU	1398	HA11414	1403	HA11414	1403	HBFA4042A	4042B	HC539	123A	HCF4052BE	4052B	HD-1	116
HA1385A	1429	HA11414PU	1403	HA11414PU	1403	HBFA4042AE	4042B	HC545	107	HCF4052BF	4052B	HD1-74C00	74C00
HA1385GS	1429	HA11423	1471	HA11423	1471	HBFA4042AF	4042B	HC561	123A	HCF4053BE	4053B	HD1-74C00-9	74C00
HA1388	1399	HA11423GS	1471	HA11423GS	1471	HBFA4043A	4043B	HC561	108	HCF4053BF	4053B	HD1-74C02	74C02
HA1388AS	1399	HA11431	1589	HA11431	1589	HBFA4044A	4044B	HC561	108	HCF4055BE	4055B	HD1-74C02-9	74C02
HA1388GS	1399	HA11434	1473	HA11434	1473	HBFA4044AF	4044B	HC670	116	HCF4055BF	4055B	HD1-74C04	74C04
HA1389	1392	HA11434GS	1473	HA11434GS	1473	HBFA4047ABE	4047B	HC680	116	HCF4056BE	4056B	HD1-74C04-9	74C04
HA1389P	1393	HA11436	1650	HA11436	1650	HBFA4047AF	4047B	HC700	116	HCF4056BF	4056B	HD1-74C08	74C08
HA1389PU	1393	HA11436A	1650	HA11436A	1650	HBFA4047AE	4047B	HC710	116	HCF4060BE	4060B	HD1-74C08-9	74C08
HA1389U	1392	HA11436AG	1650	HA11436AG	1650	HBFA4047AF	4047B	HC720	116	HCF4060BF	4060B	HD1-74C10	74C10
HA1392	1606	HA11440	1725	HA11440	1725	HBFA4048A	4048B	HC730	125	HCF4063BE	4063B	HD1-74C10-9	74C10
HA1393	1602	HA11440A	1725	HA11440A	1725	HBFA4048AF	4048B	HC772	108	HCF4063BF	4063B	HD1-74C14	74C14
HA1398	1395	HA11440AG	1725	HA11440AG	1725	HBFA4048A	4048B	HC784	108	HCF4066BE	4066B	HD1-74C14-9	74C14
HA1398G	1395	HA11441	1471	HA11441	1471	HBFA4050A	4050B	HC784	108	HCF4066BF	4066B	HD1-74C20	74C20
HA1406	1660	HA11446	1650	HA11446	1650	HBFA4051A	4051B	HC1449	296	HCF4066BF	4066B	HD1-74C20-9	74C20
HA1406PU	1660	HA11480	1650	HA11480	1650	HBFA4052A	4052B	HC7084	614	HCF4067BE	4067B	HD1-74C30	74C30
HA1452PU	1480	HA11480A	1650	HA11480A	1650	HBFA4055AE	4055B	HC14070B	4070B	HCF4067BF	4067B	HD1-74C32	74C32
HA1452W	1480	HA11516	1237	HA11516	1237	HBFA4055AF	4055B	HC15012	5402	HCF4068BE	4068B	HD1-74C42	74C42
HA1457	1666	HA11516E	1237	HA11516E	1237	HBFA4060AE	4060B	HC15019	1019	HCF4068BF	4068B	HD1-74C42-9	74C42
HA1457RW	1666	HA11516EJ	1237	HA11516EJ	1237	HBFA4060AF	4060B	HC1000100A	955M	HCF4070BE	4070B	HD1-74C48	74C48
HA1457W	1666	HA11516J	1237	HA11516J	1237	HBFA4063A	4063B	HC1000109	703	HCF4070BF	4070B	HD1-74C48-9	74C48
HA1752	288	HA11516J4	1237	HA11516J4	1237	HBFA4066	4066B	HC1000109-0	703	HCF4071BE	4071B	HD1-74C73	74C73
HA1920A	610	HA11580	1196	HA11580	1196	HBFA4066	4066B	HC100011-0	703	HCF4072BE	4072B	HD1-74C73-9	74C73
HA1924A	611	HA11580C	1196	HA11580C	1196	HBFA4066	4066B	HC1000114-0	726	HCF4072BF	4072B	HD1-74C74	74C74
HA1926A	612	HA11701	1585	HA11701	1585	HBFA4066	4066B	HC1000117-0	718	HCF4073BE	4073B	HD1-74C74-9	74C74
HA1934A	613	HA11702	1583	HA11702	1583	HBFA4066	4066B	HC1000217	941	HCF4073BF	4073B	HD1-74C76	74C76
HA1938A	614	HA11703	1595	HA11703	1595	HBFA4066	4066B	HC1000217-0	941D	HCF4075BE	4075B	HD1-74C76-9	74C76
HA2001	312	HA11706	1597	HA11706	1597	HBFA4066	4066B	HC1000403	1005	HCF4075BF	4075B	HD1-74C85	74C85
HA2010	312	HA11711	1597	HA11711	1597	HBFA4066	4066B	HC1000403	1005	HCF4075BF	4075B	HD1-74C85-9	74C85
HA2190	160	HA11714	1600	HA11714	1600	HBFA4066	4066B	HC1000503	1019	HCF4076BF	4076B	HD1-74C90	74C90
HA2356	160	HA11715	1554	HA11715	1554	HBFA4066	4066B	HC1000505	1085	HCF4077BE	4077B	HD1-74C90-9	74C90
HA3210	160	HA11715GS	1554	HA11715GS	1554	HBFA4066	4066B	HC1000603	1019	HCF4077BF	4077B	HD1-74C90-9	74C90
HA3480	160	HA11715PC	1554	HA11715PC	1554	HBFA4066	4066B	HC1000703	1027	HCF4078BE	4078B	HD1-74C93	74C93
HA3670	160	HA11747	1706	HA11747	1706	HBFA4066	4066B	HC1001001	1043	HCF4078BF	4078B	HD1-74C93-9	74C93
HA-4156-5	948	HA11749	1686	HA11749	1686	HBFA4066	4066B	HC1001001	1043	HCF4081BE	4081B	HD1-74C94	74C94
HA4400	160	HA11749M	1686	HA11749M	1686	HBFA4066	4066B	HC10010200	1170	HCF4081BF	4081B	HD1-74C107	74C107
HA-4741-5	948	HA12002	1635	HA12002	1635	HBFA4066	4066B	HC10020050	1100	HCF4081BF	4081B	HD1-74C151	74C151
HA5001	101	HA12003	1226	HA12003	1226	HBFA4066	4066B	HC1003090	778A	HCF4082BE	4082B	HD1-74C151-9	74C151
HA5002	101	HA12013	1465	HA12013	1465	HBFA4066	4066B	HC1004010	801	HCF4082BF	4082B	HD1-74C151-9	74C151
HA5003	101	HA12026	1248	HA12026	1248	HBFA4066	4066B	HC1006060	1127	HCF4085BE	4085B	HD1-74C154	74C154
HA5005	101	HA12402	1624	HA12402	1624	HBFA4066	4066B	HC1006060	801	HCF4085BF	4085B	HD1-74C157	74C157
HA5009	101	HA12411	1579	HA12411	1579	HBFA4066	4066B	HC1008060	1254	HCF4085BF	4085B	HD1-74C160	40160B

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
HD1-4050-9	4050B	HD74LS51P	74LS51	HD74LS196	74LS196	HD74S114P	74S114	HD2532	7447	HD7422	7422	HD14044B	4044B
HD1-4051-9	4051B	HD74LS54P	74LS54	HD74LS196P	74LS196	HD74S133	74S133	HD2532P	7447	HD7423	7423	HD14044BP	4044B
HD1-4052-9	4052B	HD74LS55	74LS55	HD74LS197	74LS197	HD74S133P	74S133	HD2533	7494	HD7425	7425	HD14049	4049
HD1-4053-9	4053B	HD74LS55P	74LS55	HD74LS197P	74LS197	HD74S134	74S134	HD2533P	7494	HD7426	7426	HD14049B	4049
HD1-4066-0	4066B	HD74LS73	74LS73	HD74LS221	74LS221	HD74S134P	74S134	HD2534	7495	HD7426P	7426	HD14049P	4049
HD1-4068-9	4068B	HD74LS73P	74LS73	HD74LS221P	74LS221	HD74S140	74S140	HD2534P	7495	HD7427	7427	HD14050	4050B
HD1-4511-9	4511B	HD74LS74	74LS74	HD74LS240	74LS240	HD74S140P	74S140	HD2535	7483	HD7427P	7427	HD14050B	4050B
HD1-4512-9	4512B	HD74LS74A	74LS74A	HD74LS240P	74LS240	HD74S151	74S151	HD2535P	7483	HD7430	7430	HD14050P	4050B
HD1-4515-9	4515B	HD74LS74AP	74LS74A	HD74LS241	74LS241	HD74S151P	74S151	HD2536	7442	HD7430P	7430	HD14051B	4051B
HD1-40175-9	40175B	HD74LS75	74LS75	HD74LS241P	74LS241	HD74S174	74S174	HD2536P	7442	HD7432	7432	HD14052B	4052B
HD10-001-01	109	HD74LS75P	74LS75	HD74LS242	74LS242	HD74S174P	74S174	HD2537	7443	HD7432P	7432	HD14052BP	4052B
HD20-003-01	116	HD74LS76	74LS76A	HD74LS242P	74LS242	HD74S175P	74S175	HD2537P	7443	HD7437	7437	HD14053B	4053B
HD74C00	74C00	HD74LS76P	74LS76A	HD74LS243	74LS243	HD74S181	74S181	HD2538	7444	HD7438	7438	HD14053BP	4053B
HD74C02	74C02	HD74LS77	74LS77	HD74LS243P	74LS243	HD74S181P	74S181	HD2538P	7444	HD7438P	7438	HD14068B	4068B
HD74C04	74C04	HD74LS77P	74LS77	HD74LS244	74LS244	HD74S251	74S251	HD2539	7470	HD7440	7440	HD14068CP	4068B
HD74C08	74C08	HD74LS78	74LS78	HD74LS244P	74LS244	HD74S251P	74S251	HD2539P	7470	HD7440P	7440	HD14068BP	4068B
HD74C10	74C10	HD74LS78P	74LS78	HD74LS245	74LS245	HD80C95	80C95	HD2540	74170	HD7442A	7442	HD14068P	4068B
HD74C14	74C14	HD74LS83	74LS83A	HD74LS245P	74LS245	HD80C95P	80C95	HD2540P	74170	HD7442AP	7442	HD14068B	4068B
HD74C20	74C20	HD74LS83A	74LS83A	HD74LS247	74LS247	HD80C96P	80C96	HD2541	74192	HD7443A	7443	HD14068P	4068B
HD74C30	74C30	HD74LS85	74LS85	HD74LS247P	74LS247	HD80C96	40098B	HD2541P	74192	HD7443AP	7443	HD14068P	4068B
HD74C30P	74C30	HD74LS85P	74LS85	HD74LS248	74LS248	HD1-187	101	HD2542	74193	HD7444A	7444	HD14069	4069
HD74C32	74C32	HD74LS86	74LS86	HD74LS248P	74LS248	HD1411BP	4011B	HD2542P	74193	HD7444AP	7444	HD14069B	4069
HD74C32P	74C32	HD74LS86P	74LS86	HD74LS249	74LS249	HD1468	109	HD2543	74121	HD7445	7445	HD14069BP	4069
HD74C42	74C42	HD74LS91	74LS91	HD74LS249P	74LS249	HD2000	116	HD2543P	74121	HD7447A	7447	HD14070	4070B
HD74C48	74C48	HD74LS91P	74LS91	HD74LS251	74LS251	HD2000-301	116	HD2544	7438	HD7447A	7447	HD14070B	4070B
HD74C73	74C73	HD74LS92	74LS92	HD74LS251P	74LS251	HD2149	109	HD2544P	7438	HD7450	7450	HD14070BP	4070B
HD74C74	74C74	HD74LS92P	74LS92	HD74LS253	74LS253	HD2155	109	HD2545	7413	HD7450P	7450	HD14070P	4070B
HD74C76	74C76	HD74LS93	74LS93	HD74LS253P	74LS253	HD2201	9932	HD2545P	7413	HD7451	7451	HD14071	4071B
HD74C85	74C85	HD74LS93P	74LS93	HD74LS257	74LS257	HD2201P	9932	HD2546	7496	HD7453	7453	HD14071B	4071B
HD74C86	4070B	HD74LS95B	74LS95B	HD74LS257P	74LS257	HD2202	9933	HD2546P	7496	HD7453P	7453	HD14071P	4071B
HD74C95	74C95	HD74LS95BP	74LS95B	HD74LS258	74LS258	HD2202P	9933	HD2547	74181	HD7454	7454	HD14072	4072B
HD74C95P	74C95	HD74LS107	74LS107	HD74LS258P	74LS258	HD2203	9946	HD2547P	74181	HD7454P	7454	HD14072B	4072B
HD74C107	74C107	HD74LS107P	74LS107	HD74LS259	74LS259	HD2203P	9946	HD2548	74150	HD7454P	7454	HD14072P	4072B
HD74C107P	74C107	HD74LS109	74LS109A	HD74LS259P	74LS259	HD2204	9930	HD2548P	74150	HD7460P	7460	HD14073	4073B
HD74C151	74C151	HD74LS109A	74LS109A	HD74LS266	74LS266	HD2204P	9930	HD2549	74151	HD7471P	7471	HD14073B	4073B
HD74C154	74C154	HD74LS109AP	74LS109A	HD74LS266P	74LS266	HD2205	9945	HD2549P	74151	HD7472	7472	HD14073P	4073B
HD74C154N	74C154	HD74LS109P	74LS109A	HD74LS273	74LS273	HD2205P	9945	HD2550	7408	HD7472P	7472	HD14075	4075B
HD74C157	74C157	HD74LS112	74LS112A	HD74LS273P	74LS273	HD2206	9936	HD2550P	7408	HD7473A	7473	HD14075B	4075B
HD74C160	40160B	HD74LS112P	74LS112A	HD74LS279	74LS279	HD2206P	9936	HD2551	7409	HD7473AP	7473	HD14075BP	4075B
HD74C161	74C161	HD74LS113	74LS113	HD74LS279P	74LS279	HD2207	9962	HD2551P	7409	HD7473P	7473	HD14075P	4075B
HD74C162	40162B	HD74LS113P	74LS113	HD74LS280	74LS280	HD2207P	9962	HD2552	7437	HD7474	7474	HD14076	4076B
HD74C173	74C173	HD74LS114	74LS114	HD74LS280P	74LS280	HD2208	9935	HD2552P	7437	HD7474P	7474	HD14077	4077B
HD74C174	74C174	HD74LS114P	74LS114	HD74LS283	74LS283	HD2208P	9935	HD2553	74145	HD7475	7475	HD14077B	4077B
HD74C175	74C175	HD74LS122	74LS122	HD74LS283P	74LS283	HD2209	9944	HD2553P	74145	HD7475P	7475	HD14077P	4077B
HD74C192	74C192	HD74LS122P	74LS122	HD74LS290	74LS290	HD2209P	9944	HD2558	74141	HD7476	7476	HD14077B	4077B
HD74C193	74C193	HD74LS123	74LS123	HD74LS290P	74LS290	HD2210	9099	HD2558P	74141	HD7476P	7476	HD14077P	4077B
HD74C195	40195B	HD74LS123P	74LS123	HD74LS293	74LS293	HD2210P	9099	HD2560	7426	HD7485	7485	HD14078	4078B
HD74C221	74C221	HD74LS125	74LS125A	HD74LS293P	74LS293	HD2211	9083	HD2560P	7426	HD7485P	7485	HD14078B	4078B
HD74C240P	74C240	HD74LS125A	74LS125A	HD74LS298	74LS298	HD2211P	9083	HD2561	74123	HD7486	7486	HD14078P	4078B
HD74C244P	74C244	HD74LS125AP	74LS125A	HD74LS298P	74LS298	HD2213	9157	HD2561P	74123	HD7486P	7486	HD14081	4081B
HD74C901	74C901	HD74LS125P	74LS125A	HD74LS299	74LS299	HD2213P	9157	HD2562	74182	HD7490A	7490	HD14081B	4081B
HD74C901P	74C901	HD74LS126	74LS126	HD74LS299P	74LS299	HD2214	9158	HD2562P	74182	HD7490A	7490	HD14081BP	4081B
HD74C902	74C902	HD74LS126A	74LS126	HD74LS365	74LS365A	HD2214P	9158	HD2563	74183	HD7492A	7492	HD14081P	4081B
HD74C902P	74C902	HD74LS126AP	74LS126	HD74LS365A	74LS365A	HD2215	9962	HD2563P	74183	HD7492AP	7492	HD14082	4082B
HD74C903	74C903	HD74LS126P	74LS126	HD74LS365AP	74LS365A	HD2215P	9962	HD2564	74153	HD7493A	7493A	HD14082B	4082B
HD74C903P	74C903	HD74LS132	74LS132	HD74LS365P	74LS365A	HD2216	9937	HD2564P	74153	HD7493AD	7493A	HD14082P	4082B
HD74C904	74C904	HD74LS132P	74LS132	HD74LS366	74LS366A	HD2216P	9937	HD2572	74196	HD7493P	7493A	HD14083	4083B
HD74C904P	74C904	HD74LS136	74LS136	HD74LS366A	74LS366A	HD2217	9937	HD2572P	74196	HD7496	7496	HD14083BP	4083B
HD74LS00	74LS00	HD74LS136P	74LS136	HD74LS366P	74LS366A	HD2250	7440	HD2573	74197	HD7496P	7496	HD14083P	4083B
HD74LS00P	74LS00	HD74LS138	74LS138	HD74LS366P	74LS366A	HD2502	7460	HD2573P	74197	HD7496P	7496	HD14084B	4084B
HD74LS01	74LS01	HD74LS138P	74LS138	HD74LS367	74LS367	HD2502P	7460	HD2580	74154	HD7496P	7496	HD14084BP	4084B
HD74LS01P	74LS01	HD74LS139	74LS139	HD74LS367A	74LS367	HD2503	7400	HD2580P	74154	HD7496P	7496	HD14089	4089B
HD74LS02	74LS02	HD74LS139P	74LS139	HD74LS367P	74LS367	HD2503P	7400	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS02P	74LS02	HD74LS145	74LS145	HD74LS367P	74LS367	HD2504	7400	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS03	74LS03	HD74LS145P	74LS145	HD74LS368	74LS368	HD2504P	7420	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS03P	74LS03	HD74LS148	74LS148	HD74LS368A	74LS368	HD2505	7451	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS04	74LS04	HD74LS148P	74LS148	HD74LS368P	74LS368	HD2505P	7451	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS04P	74LS04	HD74LS151	74LS151	HD74LS368P	74LS368	HD2506	7450	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS05	74LS05	HD74LS151P	74LS151	HD74LS373	74LS373	HD2506P	7450	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS05P	74LS05	HD74LS153	74LS153	HD74LS373P	74LS373	HD2507	7410	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS08	74LS08	HD74LS153P	74LS153	HD74LS374	74LS374	HD2507P	7410	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS08P	74LS08	HD74LS155	74LS155	HD74LS374P	74LS374	HD2508	7430	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS09	74LS09	HD74LS155P	74LS155	HD74LS386	74LS386	HD2508P	7430	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS09P	74LS09	HD74LS156	74LS156	HD74LS386P	74LS386	HD2509	7401	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS10	74LS10	HD74LS156P	74LS156	HD74LS390	74LS390	HD2509P	7401	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS10P	74LS10	HD74LS157	74LS157	HD74LS390P	74LS390	HD2510	7474	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS11	74LS11	HD74LS157P	74LS157	HD74LS397	74LS393	HD2510P	7474	HD7496P	7496	HD7496P	7496	HD14089P	4089B
HD74LS11P	74LS11	HD74LS158	74LS158	HD74LS397P	74LS393	HD2511	7402	HD7496P	7496	HD7496P	7496	HD14089P	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
HD14522	4522B	HD1000105	110MP	HE-1S188	109	HEF4011BD	4011B	HEF4077BP	4077B	HEP151	5940	HEP720	108
HD14522P	4522B	HD1000105-0	110MP	HE-1S426	109	HEF4011BP	4011B	HEF4077P	4077B	HEP153	5944	HEP721	107
HD14526B	4526B	HD1000301	109	HE-1S446	109	HEF4011P	4011B	HEF4078BD	4078B	HEP154	116	HEP722	108
HD14526P	4526B	HD1000302	110MP	HE-7A	138A	HEF4012BD	4012B	HEF4078BP	4078B	HEP156	116	HEP723	108
HD14527	4527B	HD1000303	110MP	HE-7A	138A	HEF4012BP	4012B	HEF4078P	4078B	HEP157	116	HEP724	123A
HD14527P	4527B	HD1000309	138A	HE-56-56	519	HEF4012P	4012B	HEF4081BD	4081B	HEP158	116	HEP725	123A
HD14532B	4532B	HD2000106	177	HE-56-56S	116	HEF4013BD	4013B	HEF4081BP	4081B	HEP159	125	HEP726	199
HD14532P	4532B	HD2000110	116	HE-234-284	552	HEF4013BP	4013B	HEF4081P	4081B	HEP160	125	HEP727	108
HD14539B	4539B	HD2000206	177	HE-234-274	142A	HEF4013P	4013B	HEF4082BD	4082B	HEP161	5800	HEP728	123A
HD14539P	4539B	HD2000301	116	HE-234-267	116	HEF4014B	4014B	HEF4082BP	4082B	HEP162	5802	HEP729	123A
HD14541B	4541B	HD2000301-0	116	HE-234-271	297	HEF4014BP	4014B	HEF4085BD	4085B	HEP165	113A	HEP730	199
HD14541BP	4541B	HD2000302	116	HE-234-272	298	HEF4014P	4014B	HEF4085BP	4085B	HEP166	115	HEP731	107
HD14547B	4547B	HD2000308	116	HE-234-273	171	HEF4015BD	4514B	HEF4085P	4085B	HEP170	125	HEP732	107
HD14555B	4555B	HD2000413	116	HE-234-275	123AP	HEF4015P	4514B	HEF4086B	4086B	HEP175	166	HEP733	108
HD14555P	4555B	HD2000501	116	HE-234-276	51	HEF4016BD	4016B	HEF4086BP	4086B	HEP176	167	HEP734	107
HD14558B	4558B	HD2000510	116	HE-234-290	123AP	HEF4016BP	4016B	HEF4086P	4086B	HEP177	168	HEP735	123A
HD14558P	4558B	HD2000703	116	HE-234-298	519	HEF4017BD	4017B	HEF4086BP	4086B	HEP178	169	HEP736	128
HD14568B	4568B	HD2000710	116	HE-234-353	533	HEF4017P	4017B	HEF4086P	4086B	HEP200	104	HEP737	199
HD14568BP	4568B	HD2000713	113A	HE-234-521	506	HEF4018B	4018B	HEF4086P	4086B	HEP230	104	HEP738	123A
HD14568P	4568B	HD2000803	116(2)	HE-234-522	123AP	HEF4018BP	4018B	HEF4502BP	4502B	HEP231	105	HEP739	159
HD14569B	4569B	HD2000903	116	HE-234-523	123AP	HEF4018BP	4018B	HEF4502BP	4502B	HEP232	121	HEP740	163A
HD14569P	4569B	HD2001105	116	HE-234-526	553	HEF4018P	4018B	HEF4508BD	4508B	HEP233	105	HEP801	312
HD14583B	4583B	HD2001310	116	HE-417-875	123AP	HEF4019BD	4019B	HEF4508BP	4508B	HEP234	127	HEP802	312
HD14584BP	40106B	HD2414800A	552	HE-442-627	977	HEF4019BP	4019B	HEF4510B	4510B	HEP235	127	HEP4072P	4072B
HD14585B	4585B	HD3000101-0	142A	HE-442-665	1917	HEF4020BP	4020B	HEF4510BD	4510B	HEP236	179	HEP6057P	790
HD14585BP	4585B	HD3000201-0	5064A	HE-443-727	7417	HEF4020P	4020B	HEF4511B	4511B	HEP237	213	HEP8062P	708
HD17301	992	HD3000301	116	HE-443-728	741S00	HEF4021BP	4021B	HEF4511BD	4511B	HEP240	124	HEP7450P	7450
HD-20008	506	HD3000309	138A	HE-443-730	74LS74A	HEF4021P	4021B	HEF4512BD	4512B	HEP241	175	HEP7451P	7451
HD38991	2061S	HD3000309-0	138A	HE-443-732	74LS30	HEF4022BP	4022B	HEF4512BP	4512B	HEP242	129	HEP7453P	7453
HD38991A	2061S	HD3000309-0	138A	HE-443-752	74LS175	HEF4022P	4022B	HEF4516B	4516B	HEP243	128	HEP-A0450	413
HD42853	1253	HD3000409	138A	HE-443-754	74LS240	HEF4022BD	4022B	HEF4516BD	4516B	HEP244	157	HEP-A0455	414
HD46800P	6800	HD3001009	5074A	HE-443-757	74LS161A	HEF4022BP	4022B	HEF4516BP	4516B	HEP245	184	HEP-A0500	405
HD46800P	6800	HD3001109-0	144A	HE-443-769	74LS164	HEF4023BD	4023B	HEF4516BP	4516B	HEP246	185	HEP-A0502	401
HD46802P	6802	HD3001809	5074A	HE-443-779	74LS02	HEF4023BP	4023B	HEF4516BD	4516B	HEP247	130	HEP-A502	401
HD46810	6810	HD3002109	142A	HE-443-780	74LS08	HEF4023P	4023B	HEF4516BP	4516B	HEP248	219	HEP-C0900P	9662
HD46810P	6810	HD3002409	5010A	HE-443-791	74LS244	HEF4024BP	4024B	HEF4516BP	4516B	HEP250	102A	HEP-C0901P	9663
HD74107	74107	HD3003109	5010A	HE-443-795	75189	HEF4024P	4024B	HEF4520BP	4520B	HEP251	102A	HEP-C0902P	9668
HD74107P	74107	HD3030309	5011A	HE-443-799	74LS157	HEF4025BD	4025B	HEF4520BP	4520B	HEP252	102	HEP-C0903P	9669
HD74121	74121	HD4000109	109	HE-443-800	74LS27	HEF4025BP	4025B	HEF4522BP	4522B	HEP253	158	HEP-C0904P	9670
HD74121P	74121	HD4000909	614	HE-443-802	74LS273	HEF4025P	4025B	HEF4522BP	4522B	HEP254	158	HEP-C0905P	9661
HD74123P	74123	HD10000101	109	HE-443-805	74LS273	HEF4027BD	4027B	HEF4528BP	4528B	HEP280	102A	HEP-C0906P	9664
HD74125	74125	HD10000302	109	HE-443-811	74LS125A	HEF4027P	4027B	HEF4528BP	4528B	HEP281	102A	HEP-C0907P	9682
HD74125P	74125	HD10001010	109	HE-443-816	74LS09	HEF4027P	4027B	HEF4528BP	4528B	HEP300	5470	HEP-C0908P	9681
HD74126	74126	HD10001050	109	HE-443-837	74LS373	HEF4028BP	4028B	HEF4528BP	4528B	HEP302	5472	HEP-C0909P	9672
HD74126P	74126	HD20000703	116	HE-443-839	74LS243	HEF4028BP	4028B	HEF4528BP	4528B	HEP304	5501	HEP-C0910P	9665
HD74132	74132	HD20000903	116	HE-443-857	74LS367	HEF4028BP	4028B	HEF4528BP	4528B	HEP306	5504	HEP-C0911P	9667
HD74132P	74132	HD20001050	177	HE-443-863	74LS374	HEF4028BP #1	4028B	HEF4531BP	4531B	HEP310	6400B	HEP-C0912P	9663
HD74145P	74145	HD20001100	116	HE-443-864	74LS111	HEF4028BP #2	4028B	HEF4531BP	4531B	HEP311	6407	HEP-C1030P	9930
HD74150	74150	HD20001101	116	HE-443-872	74LS114	HEF4028BP	4028B	HEF4531BP	4531B	HEP312	6400	HEP-C1032P	9933
HD74150P	74150	HD20001200	552	HE-443-875	74LS32	HEF4028BP	4028B	HEF4539BP	4539B	HEP340	5667A	HEP-C1033P	9933
HD74151A	74151	HD20001210	519	HE-443-877	74LS138	HEF4029BP	4029B	HEF4539BP	4539B	HEP570	OBS-NLA	HEP-C1035P	9935
HD74151AP	74151	HD20001990	116	HE-443-879	74LS174	HEF4029P	4029B	HEF4555BD	4555B	HEP572	9976	HEP-C1036P	9936
HD74155	74155	HD20002060	601	HE-443-885	74LS245	HEF4030BP	4030B	HEF4555BD	4555B	HEP573	9989	HEP-C1044P	9944
HD74155P	74155	HD20003010	519	HE-443-892	74LS166	HEF4030BP	4030B	HEF4555BD	4555B	HEP581	9911	HEP-C1045P	9945
HD74156	74156	HD20003210	519	HE-443-892	74LS166	HEF4030BP	4030B	HEF4555BD	4555B	HEP590	816	HEP-C1046P	9946
HD74156P	74156	HD20005010	116	HE-443-915	74LS86	HEF4035BP	4035B	HEF4555BD	4555B	HEP591	704	HEP-C1052P	9099
HD74160	74160	HD20005060	112	HE-443-967	7406	HEF4035BP	4035B	HEF4555BD	4555B	HEP594	718	HEP-C1053P	9093
HD74160P	74160	HD20005100	156	HE-443-970	2164	HEF4040BD	4040B	HEF4555BD	4555B	HEP595	720	HEP-C1057P	9157
HD74161	74161	HD20006100	116(2)	HE-443-973	74LS393	HEF4040BP	4040B	HEF4555BD	4555B	HEP595	720	HEP-C1062P	9962
HD74161P	74161	HD20007030	116	HE-443-981	74LS175	HEF4040BP	4040B	HEF4555BD	4555B	HEP602	135A	HEP-C2003P	OBS-NLA
HD74162	74162	HD20007100	116(2)	HE-443-991	4050B	HEF4041BD	4041	HEF4555BD	4555B	HEP603	136A	HEP-C2005P	9999
HD74162P	74162	HD20007290	5809	HE-443-999	74LS624	HEF4041BP	4041	HEF4555BD	4555B	HEP604	141A	HEP-C2007L	9911
HD74163	74163	HD20010060	552	HE-443-1001	74LS280	HEF4041BP	4041	HEF4555BD	4555B	HEP605	143A	HEP-C2007L	7400
HD74163P	74163	HD20011050	177	HE-443-1020	7407	HEF4042BD	4042B	HEF4555BD	4555B	HEP606	144A	HEP-C3000P	7400
HD74164	74164	HD20017090	139A	HE-443-1021	8255	HEF4042BP	4042B	HEF4555BD	4555B	HEP607	145A	HEP-C3001L	7401
HD74164P	74164	HD20022100	125	HE-443-1024	74LS368	HEF4042P	4042B	HEF4555BD	4555B	HEP608	146A	HEP-C3001P	7402
HD74166	74166	HD20023100	116	HE-443-1034	74LS38	HEF4043BD	4043B	HEF4555BD	4555B	HEP610	148A	HEP-C3004P	7404
HD74166P	74166	HD30000109-0	5074A	HE-443-1036	74LS156	HEF4043BP	4043B	HEF4555BD	4555B	HEP611	149A	HEP-C3004P	7404
HD74174	74174	HD30001090	5074A	HE-443-1040	961S02	HEF4043P	4043B	HEF4555BD	4555B	HEP612	150A	HEP-C3010L	7410
HD74174P	74174	HD30001200	140A	HE-443-1053	74LS174	HEF4044B	4044B	HEF4555BD	4555B	HEP613	151A	HEP-C3010P	7410
HD74175	74175	HD30006060	140A	HE-443-1058	74LS541	HEF4044BP	4044B	HEF4555BD	4555B	HEP620	5515	HEP-C3010L	7410
HD74175P	74175	HD30007060	139A	HE-443-1112	9602	HEF4044P	4044B	HEF4555BD	4555B	HEP621	5515	HEP-C3020P	7420
HD74177P	74177	HD30008010	5011A	HE-443-1173	74LS670	HEF4047B	4047B	HEF4555BD	4555B	HEP622	5446	HEP-C3030L	7430
HD74180	74180	HD30010090	5074A	HE-444-228	74S287	HEF4047BD	4047B	HEF4555BD	4555B	HEP623	121	HEP-C3030P	7430
HD74180P	74180	HD30011090	144A	HE-721C05	F1C005	HEF4047BP	4047B	HEF4555BD	4555B	HEP624	121	HEP-C3040P	7440
HD74190	74190	HD30015010	5014A	HE-721C12	F1C012	HEF4049B	4049	HEF4555BD	4555B	HEP625	179	HEP-C3041P	7441
HD74190P	74190	HD30017090	139A	HE-721C24	F1C024	HEF4049BD	4049	HEF4555BD	4555B	HEP627	179	HEP-C3041P	7441
HD74191	74191	HD30019090	138A	HE-1002	109	HEF4049BP	4049	HEF					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
HEPC6016C	772A	HEP-C7473P	7473	HEP-R0096	5806	HEP-S0015	123A	HEP-S9144	244	HEP-Z3536	5220A
HEP-C6017	773	HEP-C7474P	7474	HEP-R0097	5808	HEP-S0016	108	HEP-S9145	243	HEP-Z3537	5220A
HEP-C6019	OBS-NLA	HEP-C7474P	7474	HEP-R0098	5809	HEP-S0017	161	HEP-S9146	245	HEP-Z3538	5220A
HEPC6049R	946S	HEP-C7475P	7475	HEP-R0130	5870	HEP-S0017-RT	161	HEP-S9147	246	HEP-Z3539	5220A
HEP-C6050G	963S	HEP-C7483P	7483	HEP-R0131	5874	HEP-S0019	159	HEP-S9148	247	HEP-Z3540	5220A
HEPC6050G	973	HEP-C7485P	7485	HEP-R0132	5874	HEP-S0020	229	HEP-S9149	248	H-EX0021TA	5020A
HEP-C6052G	941	HEP-C7486P	7486	HEP-R0134	5878	HEP-S0020	108	HEP-S9150	263	H-EX0047CE	142A
HEP-C6052P	941M	HEP-C7490AP	7490	HEP-R0136	5882	HEP-S0021	108	HEP-S9152	264	HEP-OSW05	116
HEP-C6055L	725	HEP-C7491AP	7491	HEP-R0137	5886	HEP-S0022	123A	HEP-S9153	265	HEP-OSW05	552
HEP-C6056P	722	HEP-C7492AP	7492	HEP-R0138	5890	HEP-S0023	199	HEP-Z0206A	5005A	HF1	558
HEP-C6057P	790	HEP-C7493AP	7493A	HEP-R0160	5940	HEP-S0024	199	HEP-Z0208	5007A	HF1(Transistor)	123A
HEP-C6059P	746	HEP-C7493AP	7493A	HEP-R0161	5944	HEP-S0025	123A	HEP-Z0208A	5007A	HF-1(Transistor)	123A
HEP-C6060P	748A	HEP-C7495P	7495	HEP-R0162	5944	HEP-S0025	123AP	HEP-Z0210	5009A	HF1A	558
HEP-C6061P	750	HEP-C7496P	7496	HEP-R0164	5948	HEP-S0026	159	HEP-Z0210A	5009A	HF1B	558
HEP-C6062P	708	HEP-C74107P	74107	HEP-R0166	5952	HEP-S0027	267	HEP-Z0211	5010A	HF1C	558
HEP-C6063P	712	HEP-C74121P	74121	HEP-R0250	5980	HEP-S0028	288	HEP-Z0211A	5010A	HF-1RA	558
HEP-C6065P	719	HEP-C74123P	74123	HEP-R0251	5986	HEP-S0029	288	HEP-Z0212	5011A	HF-1S334	139A
HEP-C6065P	719	HEP-C74125P	74125	HEP-R0253	5986	HEP-S0030	123AP	HEP-Z0212A	5011A	HF-1S339	139A
HEP-C6066P	798	HEP-C74141P	74141	HEP-R0254	5990	HEP-S0030	123A	HEP-Z0214	5013A	HF1Z	552
HEP-C6067G	707	HEP-C74145P	74145	HEP-R0255	5990	HEP-S0031	159	HEP-Z0214A	5013A	HF2	123A
HEP-C6067P	707	HEP-C74150P	74150	HEP-R0256	5994	HEP-S0031	234	HEP-Z0215	5014A	HF3	123A
HEP-C6068P	720	HEP-C74151AP	74151	HEP-R0257	5994	HEP-S0032	159	HEP-Z0215A	5014A	HF3H	180
HEP-C6069G	780	HEP-C74153P	74153	HEP-R0600	156	HEP-S0032	159	HEP-Z0216	5016A	HF3M	180
HEP-C6069P	780	HEP-C74154P	74154	HEP-R0602	156	HEP-S0033	229	HEP-Z0216A	5016A	HF4	123A
HEP-C6070P	714	HEP-C74155P	74155	HEP-R0604	156	HEP-S0033	229	HEP-Z0217	5016A	HF5	123A
HEP-C6071P	715	HEP-C74156P	74156	HEP-R0606	506	HEP-S0034	123AP	HEP-Z0217A	5016A	HF6	123A
HEP-C6072P	739	HEP-C74160AP	74160	HEP-R0700	112	HEP-S0034	123A	HEP-Z0219	5018A	HF6H	160
HEP-C6073P	814AS	HEP-C74161AP	74161	HEP-R0801	166	HEP-S0035	123AP	HEP-Z0219A	5018A	HF6M	160
HEP-C6074P	718	HEP-C74162AP	74162	HEP-R0803	167	HEP-S0036	123AP	HEP-Z0220	5019A	HF7	123A
HEP-C6075P	738	HEP-C74163AP	74163	HEP-R0804	168	HEP-S0037	159	HEP-Z0220A	5019A	HF8	123A
HEP-C6076P	749	HEP-C74164P	74164	HEP-R0805	169	HEP-S0038	123AP	HEP-Z0222	5021A	HF9	128
HEP-C6077P	782S	HEP-C74165P	74165	HEP-R0851	166	HEP-S0039-RT	316	HEP-Z0225	5024A	HF10	128
HEP-C6079P	747	HEP-C74166P	74166	HEP-R0852	166	HEP-S0040	123AP	HEP-Z0225	5024A	HF11(Philco)	128
HEP-C6080P	721	HEP-C74170P	74170	HEP-R0853	167	HEP-S0041	195A	HEP-Z0230	5029A	HF12(Philco)	129
HEP-C6081P	779A	HEP-C74174P	74174	HEP-R0855	168	HEP-S0042	282S	HEP-Z0231	5030A	HF12H	160
HEP-C6082P	708	HEP-C74175P	74175	HEP-R0856	169	HEP-S005	347	HEP-Z0234	5033A	HF12M	160
HEP-C6083P	712	HEP-C74176P	74176	HEP-R0875	5322	HEP-S006	349	HEP-Z0235	5034A	HF12N	160
HEP-C6085P	731	HEP-C74177P	74177	HEP-R0876	5322	HEP-S006	351	HEP-Z0235A	5034A	HF13	160
HEP-C6089	705A	HEP-C74180P	74180	HEP-R0877	5322	HEP-S007	351	HEP-Z0255	5099A	HF19	121
HEP-C6089P	705A	HEP-C74181P	74181	HEP-R0878	5324	HEP-S008	311	HEP-Z0401	5066A	HF-19D	179
HEP-C6090	804	HEP-C74182P	74182	HEP-R0879	5326	HEP-S009	320	HEP-Z0402	134A	HF20	121
HEP-C6091	816	HEP-C74190P	74190	HEP-R1001	5400	HEP-S010	262S	HEP-Z0403	5071A	HF20H	160
HEP-C6091G	816	HEP-C74191P	74191	HEP-R1002	5401	HEP-S011	262S	HEP-Z0405	5069A	HF20M	160
HEP-C6094P	718	HEP-C74192P	74192	HEP-R1003	5402	HEP-S012	262S	HEP-Z0406	135A	HF-20005	610
HEP-C6094P	718	HEP-C74193P	74193	HEP-R1004	5404	HEP-S013	311	HEP-Z0407	136A	HF22	130
HEP-C6095P	720	HEP-C74195P	74195	HEP-R1005	5404	HEP-S013	311	HEP-Z0408	137A	HF23	180
HEP-C6096P	801	HEP-C74196P	74196	HEP-R1202	5515	HEP-S014	311	HEP-Z0409	5071A	HF24	181
HEP-C6096P	801	HEP-C74197P	74197	HEP-R1205	5516	HEP-S015	190	HEP-Z0410	138A	HF25	180
HEP-C6098P	795	HEP-C74198P	74198	HEP-R1218	5414	HEP-S019	188	HEP-Z0411	5072A	HF40	123A
HEP-C6100P	783	HEP-C74199P	74199	HEP-R1220	5442	HEP-S021	191	HEP-Z0412	139A	HF40	194
HEP-C6101P	723	HEP-D0002	3056	HEP-R1221	5444	HEP-S022	191	HEP-Z0413	140A	HF45	210
HEP-C6102P	778A	HEP-D0012	3059	HEP-R1222	5446	HEP-S023	210	HEP-Z0414	5074A	HF46	211
HEP-C6103P	907	HEP-D0022	3060	HEP-R1223	5448	HEP-S024	210	HEP-Z0415	142A	HF47	234
HEP-C6105P	972	HEP-D0100	3050	HEP-R1241	5481	HEP-S025	210	HEP-Z0416	143A	HF47	106
HEP-C6107P	975	HEP-D0101	3051	HEP-R1242	5482	HEP-S026	188	HEP-Z0417	144A	HF49	182
HEP-C6110P	960	HEP-F0010	312	HEP-R1243	5483	HEP-S027	211	HEP-Z0418	145A	HF50	183
HEP-C6111P	962	HEP-F0015	312	HEP-R1244	5485	HEP-S028	211	HEP-Z0419	5075A	HF50H	160
HEP-C6112P	964	HEP-F0020	312	HEP-R1245	5485	HEP-S029	211	HEP-Z0420	5077A	HF50M	160
HEP-C6113P	968	HEP-F1035	326	HEP-R1246	5487	HEP-S030	189	HEP-Z0421	5079A	HF51	187
HEP-C6114P	968	HEP-F2004	221	HEP-R1247	5487	HEP-S031	189	HEP-Z0422	5080A	HF57	152
HEP-C6115P	958	HEP-F2005	220	HEP-R1300	5501	HEP-S032	189	HEP-Z0423	5081A	HF58	153
HEP-C6116P	972	HEP-F2007	222	HEP-R1301	5501	HEP-S033	154	HEP-Z0424	146A	HF74LS54	74LS54
HEP-C6118P	961	HEP-G0001	126A	HEP-R1302	5502	HEP-S034	154	HEP-Z0425	5083A	HF10022	109
HEP-C6120P	965	HEP-G0002	160	HEP-R1304	5504	HEP-S035	154	HEP-Z0426	147A	HF-10024	109
HEP-C6121P	965	HEP-G0003	160	HEP-R1306	5507	HEP-S036	128	HEP-Z0427	5085A	HF-20004	139A
HEP-C6122P	967	HEP-G0004	102A	HEP-R1307	5507	HEP-S037	322	HEP-Z0428	5086A	HF-20005	612
HEP-C6123P	969	HEP-G0005	100	HEP-R1471	5541	HEP-S038	235	HEP-Z0430	5088A	HF-20007	614
HEP-C6124P	971	HEP-G0006	100	HEP-R1472	5542	HEP-S039	295	HEP-Z0432	5090A	HF-20008	109
HEP-C6125P	971	HEP-G0007	100	HEP-R1473	5543	HEP-S040	295	HEP-Z0433	149A	HF-20011	139A
HEP-C6130P	955M	HEP-G0008	126A	HEP-R1475	5545	HEP-S041	184	HEP-Z0436	150A	HF-20014	177
HEP-C6131P	978	HEP-G0009	126A	HEP-R1721	5622	HEP-S042	182	HEP-Z0438	5096A	HF20032	177
HEP-C6132	977	HEP-G0013	160	HEP-R1722	5623	HEP-S043	183	HEP-Z0439	151A	HF-20033	5071A
HEP-C6133P	950	HEP-G0014	102A	HEP-R1723	5624	HEP-S044	184	HEP-Z0440	5097A	HF-20034	177
HEP-C6134P	950	HEP-G0015	127	HEP-R1725	5626	HEP-S045	182	HEP-Z0442	5100A	HF-20041	142A
HEP-C6135P	1908	HEP-G0016	126A	HEP-R1750	5667A	HEP-S046	183	HEP-Z0444	5103A	HF-20042	116
HEP-C6137P	1903	HEP-G6000	104	HEP-R1751	5667A	HEP-S047	185	HEP-Z0445	5105A	HF-20047	116
HEP-C6138P	1905	HEP-G6001	179	HEP-R1752	5667A	HEP-S048	185	HEP-Z0500	5111A	HF-20048	177
HEP-C6139P	1909	HEP-G6002	28	HEP-R1781	5681	HEP-S049	183	HEP-Z0501	5113A	HF-20050	116
HEP-C6144P	981	HEP-G6003	104	HEP-R1782	5682	HEP-S050	183	HEP-Z0502	5115A	HF-20052	116
HEP-C7400P	7400	HEP-G6004	105	HEP-R1783	5683	HEP-S051	183	HEP-Z0504	5115A	HF-20060	177
HEP-C7401P	7401	HEP-G6005	121	HEP-R1785	5685	HEP-S052	124	HEP-Z0506	5117A	HF-20062	610
HEP-C7402P	7402	HEP-G6006	127	HEP-R2001	6403	HEP-S053	175	HEP-Z0508	5119A	HF-20063	519
HEP-C7403P	7403	HEP-G6007	127	HEP-R2002	6407	HEP-S054	175	HEP-Z0510	5121A	HF-20064	177
HEP-C7404P	7404	HEP-G6008	127	HEP-R2021	6404	HEP-S055	175	HEP-Z0512	5124A	HF-20065	139A
HEP-C7405P	7405	HEP-G6009	179	HEP-R2500	610	HEP-S056	157	HEP-Z0514	5125A	HF20066	116
HEP-C7406P	7406	HEP-G6010	213	HEP-R2501	611	HEP-S057	178	HEP-Z0516	5127A	HF-20067	116
HEP-C7407P	7407	HEP-G6011	176	HEP-R2503	614	HEP-S058	215	HEP-Z0519	5130A	HF-20071	125
HEP-C7408P	7408	HEP-G6013	121	HEP-R3012	525	HEP-S059	175	HEP-Z0522	5133A	HF-20072	611
HEP-C7409P	7409	HEP-G6014	179	HEP-R3201	522	HEP-S060	162	HEP-Z0525	5136A	HF-20080	612
HEP-C7410P	7410	HEP-G6015	179	HEP-R3203	500A	HEP-S061	159	HEP-Z0526	5137A	HF-20083	116
HEP-C7411P	7411	HEP-G6016	131	HEP-R9001	178MP	HEP-S062	129	HEP-Z0528	5139A	HF-20084	116
HEP-C7412P	7412	HEP-G6017	131	HEP-R9002	178MP	HEP-S063	154	HEP-Z0530	5141A	HF-20088	110MP
HEP-C7413P	7413	HEP-G6018	179	HEP-R9003	178MP	HEP-S064	154	HEP-Z0531	5142A	HF-20095	177
HEP-C7414P	7414	HEP-P2003	3000	HEP-R9134	109	HEP-S065	154	HEP-Z0537	5148A		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
HJ72.....	158	HL19015.....	7490	HM3-7642A-5.....	745572	HM4864A-15.....	2164	HNIL303AL.....	9303	HNIL381AJ.....	9381	HR-27.....	160
HJ73.....	158	HL24510.....	941	HM3-7643.....	745573	HM4864A-20.....	2164	HNIL303CJ.....	9303	HNIL381AL.....	9381	HR-27A.....	160
HJ74.....	158	HL24511.....	941	HM3-7643-5.....	745573	HM4864A-15.....	2164	HNIL303CL.....	9303	HNIL381CJ.....	9381	HR28.....	128
HJ226.....	158	HL24593.....	941	HM3-7643A.....	745573	HM4864A-15.....	2164	HNIL304AJ.....	9304	HNIL381CL.....	9381	HR29.....	128
HJ228.....	158	HL24630.....	909	HM3-7643A-5.....	745573	HM4864A-15.....	2164	HNIL304AL.....	9304	HNIL382AJ.....	9382	HR30.....	158
HJ230.....	158	HL53424.....	9930	HM3-7648.....	745473	HM4864A-20.....	2164	HNIL304CJ.....	9304	HNIL382AL.....	9382	HR-32.....	123A
HJ315.....	158	HL53426.....	9935	HM3-7648-5.....	745473	HM4864P-2.....	2164	HNIL304CL.....	9304	HNIL382CJ.....	9382	HR-36.....	123A
HJ606.....	102A	HL53428.....	9944	HM3-7649.....	745472	HM4864P-3.....	2164	HNIL306AJ.....	9306	HNIL382CL.....	9382	HR36.....	123A
HJ-7620.....	745570	HL53429.....	9946	HM3-7649-5.....	745472	HM4864P-3.....	2164	HNIL306AL.....	9306	HNIL383AJ.....	9383	HR-37.....	123A
HJX2.....	102A	HL55660.....	7411	HM3-7680.....	745479	HM4865A.....	6664	HNIL306CJ.....	9306	HNIL383AL.....	9383	HR-38.....	123A
HK-00049.....	312	HL-55661.....	74500	HM3-7680-5.....	745479	HM4865AP.....	6664	HNIL306CL.....	9306	HNIL383CJ.....	9383	HR-39.....	102A
HK-00330.....	312	HL55663.....	745138	HM3-7681.....	745478	HM4865AP-15.....	6664	HNIL307AJ.....	9307	HNIL383CL.....	9383	HR40.....	160
HK/01-140012.....	116	HL55723.....	745133	HM3-7681-5.....	745478	HM4865AP-20.....	6664	HNIL307AL.....	9307	HNIL390AJ.....	9390	HR41.....	160
HK/05-506512.....	123AP	HL55763.....	7408	HM3-7685.....	745454	HM6116.....	2128	HNIL307CJ.....	9307	HNIL390AL.....	9390	HR42.....	160
HK/05-508533.....	123AP	HL55764.....	74153	HM3-7685-5.....	745454	HM6116-3.....	2128	HNIL307CL.....	9307	HNIL390CJ.....	9390	HR43.....	160
HK/05-518534.....	123AP	HL55861.....	74150	HM6.8.....	5014A	HM6116-4.....	2128	HNIL311AJ.....	9311	HNIL390CL.....	9390	HR44.....	160
HK/13-12002-0.....	110MP	HL55862.....	7404	HM6.8A.....	5014A	HM6116P-3.....	2128	HNIL311AL.....	9311	HNIL391AJ.....	9391	HR45.....	160
HK/13-14802-D9.....	159	HL56820.....	7410	HM7.5.....	5015A	HM6116P-4.....	2128	HNIL311CJ.....	9311	HNIL391AL.....	9391	HR46.....	160
HK/13-22154.....	610	HL56420.....	7400	HM7.5A.....	5015A	HM6508-5.....	6508	HNIL311CL.....	9311	HNIL391CJ.....	9391	HR47.....	199
HK/13-22463-1.....	116	HL56421.....	7404	HM8.2.....	5016A	HM6508-9.....	6508	HNIL312AJ.....	9312	HNIL391CL.....	9391	HR47.....	199
HK/13-23309-4.....	123AP	HL56422.....	7420	HM8.2A.....	5016A	HM-7602.....	745188	HNIL312AL.....	9312	HNIL392AJ.....	9392	HR-48.....	123A
HK/13-23510.....	123AP	HL56423.....	7430	HM9.1.....	5018A	HM-7603.....	745287	HNIL312CJ.....	9312	HNIL392AL.....	9392	HR50.....	160
HK/13-23510-3.....	123AP	HL56424.....	7438	HM9.1A.....	5018A	HM-7610.....	745387	HNIL312CL.....	9312	HNIL392CJ.....	9392	HR51.....	160
HK/13-23511.....	159	HL56425.....	7474	HM9.1B.....	139A	HM-7610A.....	745387	HNIL312AJ.....	9321	HNIL392CL.....	9392	HR52.....	160
HK/13-23511-5.....	159	HL56426.....	7485	HM10.....	5019A	HM-7611.....	745287	HNIL321AJ.....	9321	HNIL393AJ.....	9393	HR53.....	102A
HK/13-23713-8.....	159	HL56427.....	7495	HM10A.....	5019A	HM-7611A.....	745287	HNIL321CJ.....	9321	HNIL393AL.....	9393	HR58.....	108
HK/13-25510.....	287	HL56428.....	74193	HM10B.....	140A	HM-7620A.....	745970	HNIL321CL.....	9321	HNIL393CJ.....	9393	HR59.....	108
HK/13-25510-4.....	287	HL56430.....	74193	HM11.....	5020A	HM-7621A.....	745571	HNIL322AJ.....	9322	HNIL393CL.....	9393	HR60.....	108
HK/13-25702-M9.....	123AP	HL56431.....	74193	HM11A.....	5020A	HM-7621A.....	745571	HNIL322CJ.....	9322	HNIL394AJ.....	9394	HR61.....	102A
HK/13-25802-M9.....	159	HL56432.....	7483	HM12.....	5021A	HM-7640.....	745475	HNIL322CL.....	9322	HNIL394AL.....	9394	HR62.....	123A
HK/13-3502-B5.....	229	HL56899.....	7410	HM12A.....	5021A	HM-7640A.....	745475	HNIL322CJ.....	9322	HNIL394CJ.....	9394	HR63.....	123A
HK3405.....	407	HM-00049.....	100	HM12B.....	142A	HM-7641.....	745474	HNIL323AJ.....	9323	HNIL394CL.....	9394	HR64.....	123A
HK3406.....	408	HM-08014.....	102A	HM13.....	5022A	HM-7641A.....	745474	HNIL323AJ.....	9323	HP300.....	127	HR65.....	123A
HK3407.....	409	HM1-6508-5.....	6508	HM13A.....	5022A	HM-7642.....	745572	HNIL323CJ.....	9323	HP-5A.....	116	HR66.....	123A
HK3408.....	416	HM1-6508-9.....	6508	HM15.....	5024A	HM-7643.....	745573	HNIL323CL.....	9323	HP205.....	116	HR67.....	192
HK3409.....	416	HM1-7602.....	745188	HM15A.....	5024A	HM-7648.....	745473	HNIL324AJ.....	9324	HP2301.....	583	HR-68.....	196
HK/1322463.....	116	HM1-7602-5.....	745188	HM15B.....	5024A	HM-7649.....	745472	HNIL324AL.....	9324	HP2302.....	583	HR-69.....	186
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HK/43600201.....	116	HM1-7603-5.....	745288	HM16A.....	5025A	HM-7681.....	745478	HNIL324CL.....	9324	HP2305.....	583	HR-71.....	159
HK/44436001.....	186A	HM1-7610.....	745387	HM18.....	5027A	HM-7685.....	745454	HNIL325AJ.....	9325	HP2800.....	583	HR71.....	159
HK00116B/C.....	159	HM1-7610-5.....	745387	HM18A.....	5027A	HM435101.....	65101	HNIL325AL.....	9325	HP2800-28.....	583	HR72.....	193
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HK/C00101.....	110MP	HM1-7610A-5.....	745387	HM20A.....	5029A	HM435101P-1.....	65101	HNIL326AJ.....	9326	HP2810-26.....	584	HR-73.....	211
HK/C0014.....	110MP	HM1-7611.....	745287	HM22.....	5030A	HM452102.....	2102	HNIL326AL.....	9326	HP2811.....	584	HR-74.....	211
HK/C0019.....	110MP	HM1-7611-5.....	745287	HM22A.....	5030A	HM452102-3.....	2102	HNIL326CL.....	9326	HP2835.....	112	HR-75.....	199
HK/CG109.....	116	HM1-7611A.....	745287	HM24.....	5031A	HM452102-4.....	2102	HNIL326CJ.....	9326	HP2900.....	584	HR76.....	229
HK/CG111.....	610	HM1-7611A-5.....	745287	HM24A.....	5031A	HM452102P.....	2102	HNIL326CL.....	9326	HP5082-2800.....	583	HR77.....	229
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HK/CJ166.....	229	HM1-7620A-5.....	745570	HM30.....	5035A	HM462708B.....	2708	HNIL331CJ.....	9331	HPF1778.....	1749	HR82.....	192
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HK/CJ180.....	123AP	HM1-7621-5.....	745571	HM33.....	5036A	HM462716G.....	2716	HNIL332CJ.....	9332	HR-2.....	102A	HR84(NPN).....	123A
HK/CJ322.....	123AP	HM1-7621A.....	745571	HM33A.....	5036A	HM472114-3.....	2114	HNIL332CL.....	9332	HR-2A(Penncrest).....	116	HR85.....	210
HK/CJ326.....	123AP	HM1-7621A-5.....	745571	HM36.....	5037A	HM472114-4.....	2114	HNIL332CL.....	9332	HR-2A(Diode).....	102A	HR86.....	211
HK/CJ392.....	126A	HM1-7640.....	745475	HM36A.....	5037A	HM472114P-3.....	2114	HNIL333AJ.....	9333	HR-3.....	102A	HR87.....	229
HK/CO075M/N.....	159	HM1-7640-5.....	745475	HM39.....	5038A	HM472114P-4.....	2114	HNIL333AL.....	9333	HR-4.....	102A	HR-101A.....	121
HK/CO003B.....	229	HM1-7640A.....	745475	HM39A.....	5038A	HN-00002.....	142A	HNIL333CL.....	9333	HR-4A.....	102A	HR102.....	121
HK/CO032H.....	123AP	HM1-7640A-5.....	745475	HM43.....	5039A	HN-00008.....	116	HNIL334AJ.....	9334	HR-5.....	102A	HR102C.....	121
HK/CO041A.....	123AP	HM1-7641.....	745474	HM43A.....	5039A	HN-00012.....	177	HNIL334AL.....	9334	HR-5A.....	116	HR103.....	121
HK/CO041AB.....	123AP	HM1-7641-5.....	745474	HM47.....	5040A	HN-00016.....	116	HNIL334CJ.....	9334	HR5A.....	116	HR104.....	121
HK/CO041B.....	123AP	HM1-7641A.....	745474	HM47A.....	5040A	HN-00018.....	116	HNIL335AJ.....	9335	HR5A8E.....	116	HR105.....	121
HK/CO041C.....	123AP	HM1-7641A-5.....	745474	HM51.....	5041A	HN-00024.....	139A	HNIL335AL.....	9335	HR-5AX2.....	116	HR105B.....	121
HK/CO041D.....	123AP	HM1-7642.....	745572	HM56.....	5042A	HN-00028.....	77	HNIL335CJ.....	9335	HR5B.....	116	HR106.....	124
HK/CO042B.....	229	HM1-7642-5.....	745572	HM56A.....	5042A	HN-00029.....	77	HNIL342AJ.....	9342	HR-6.....	102A	HR107.....	175
HK/CO043A.....	159	HM1-7642A.....	745572	HM62.....	5044A	HN-00032.....	116	HNIL342CJ.....	9342	HR-7.....	102A	HR107H.....	175
HK/CO043B.....	159	HM1-7643.....	745573	HM62A.....	5044A	HN-00036.....	614	HNIL342CL.....	9342	HR-7A.....	102A	HR200.....	5802
HK/CO043C.....	159	HM1-7643-5.....	745573	HM68.....	5045A	HN-00052.....	610	HNIL343AJ.....	9343	HR-8.....	102A	HR200A.....	5082A
HK/CO043D.....	159	HM1-7643A.....	745573	HM68A.....	5045A	HN-00061.....	140A	HNIL343CJ.....	9343	HR-8A.....	102A	HR201.....	160
HK/CO048G.....	229	HM1-7643A-5.....	745573	HM75.....	5046A	HN-00062.....	611	HNIL343CL.....	9343	HR-9.....	102A	HR40837.....	160
HK/CO055.....	123AP	HM1-7643A-5.....	745573	HM75A.....	5046A	HN-00089.....	519	HNIL343CL.....	9343	HR-9A.....	102A	HR43835.....	160
HK/CO074.....	123AP	HM1-7648.....	745473	HM82.....	5047A	HN-00092.....	612	HNIL347AJ.....	9347	HR10.....	116	HR45838.....	160
HK/CO074M.....	123AP	HM1-7649.....	745472	HM82A.....	5047A	HN-0047.....	177	HNIL347AL.....	9347	HR11.....	123A	HR45910.....	160
HK/CO074M/N.....	123AP	HM1-7649-5.....	745472	HM91.....	5049A	HN25044.....	745572	HNIL347CJ.....	9347	HR11A.....	123A	HR104961C.....	160
HK/CO074O.....	123AP	HM1-7680.....	745479	HM91A.....	5049A	HN25045.....	745573	HNIL361AJ.....	9361	HR-11B.....	123A	HR105611C.....	193
HK/CO075.....	159	HM1-7680-5.....	745479	HM100.....	5050A	HN25085.....	745454	HNIL361AL.....	9361	HR12A.....	128	HR448636.....	160
HK/CO075M.....	159	HM1-7681.....	745478	HM100A.....	5050A	HN25085S.....	745479	HNIL361CJ.....	9361	HR12B.....	128	HR5000206.....	601
HK/CO075M/N.....	159	HM1-7681-5.....	745478	HM110.....	5051A	HN25088.....	745479	HNIL361CL.....	9361	HR12C.....	128	HR51.....	502
HK/CO095F.....	229	HM1-7685.....	745454	HM110A.....	5051A	HN25088S.....	745479	HNIL3					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
HS20/1C	505	HS40025	161	HSZ2D40	B40240	HT303711B	107	HT308291B-0	123A	HT31317100	289A	HV23G	800
HS20/16S	505	HS40026	128	HSZ4D10	B40480	HT303711B-0	123A	HT308291B-0	107	HT31327100	199	HV-23GB	800
HS22D	102	HS40027	159	HSZ4D25	B40480	HT303711B-0	123A	HT308291B-0	123A	HT31327100	293	HV-23GB	800
HS23/1	505	HS40030	123AP	HSZ4040	B40371C	HT303711C	107	HT308291C	123A	HT31327100	293	HV-23GB	800
HS23D	102	HS40031	159	HT0405190C	103A + 158(CP)	HT303720A	108	HT308291C	123A	HT31327100	293	HV-23GB	800
HS25-1	505	HS40032	129	HT-23G	177	HT303721D	123A	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/1AS	505	HS40035	159	HT-32	6408	HT303721D	123A	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/1B	504	HS40037	123A	HT-35	6408	HT303730A	123A	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/1B	505	HS40039	128	HT-40	6412	HT303731A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/1BS	505	HS40040	159	HT-60	6412	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/1C	505	HS40044	123A	HT100	159	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/1C	505	HS40045	108	HT101	159	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/1C	505	HS40046	123A	HT101	159	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS25/16	505	HS40046	123A	HT101	159	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS27	5427	HS40047	108	HT20436A	131	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS30	504	HS40049	108	HT20451A	158	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS30-1b	504	HS40050	159	HT30491C	128	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS30/1C	505	HS40053	106	HT30491C	128	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS30-1C	505	HS40054	22A	HT30491C	128	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS30-16	504	HS40055	108	HT30491C	128	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS30/16	504	HS40056	123AP	HT101011X	126A	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS37	5428	HS40057	290A	HT101021A	126A	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS47	5428	HS40059	108	HT102341A	160	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS57	5429	HS40062	159	HT102341A	160	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS67	5429	HS40062	159	HT102341A	160	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS102	102A	HS40063	123AP	HT102341C	160	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS133	112	HS40064	123AP	HT102351	160	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS151a(Sony)	502	HS40065	192	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS170	102	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS251C	505	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS290	102	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS902A	112	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1001	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1002	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1003	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1007	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1008	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1009	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1010	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1012	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1020	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1168	123A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1225	108	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1226	108	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1227	108	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS1229	123A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2027	5002A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2033A	5005A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2036	137A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2039	134A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2047	135A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2051	135A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2056	136A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2062	137A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2091	139A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2100	140A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2120	142A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2150	145A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2270	146A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2330	147A	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS2516	505	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3103	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3104	116	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3108	125	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3110	125	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3402	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3403	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3404	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS3405	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS4004	159	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5810	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5811	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5812	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5813	193	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5814	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5815	193	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5816	193	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5817	193	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5818	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5819	193	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5820	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5821	193	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS5822	192	HS40068	159	HT10481Y	156	HT303732A	107	HT308291D	123A	HT31327100	293	HV-23GB	800
HS582													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
HW91A	5095A	HZ7	5014A	HZ24-1	5031A	IC00184	7400	IC-58(Elcom)	9910	IC-298(Elcom)	760	IC-550(Elcom)	1152
HW100	5096A	HZ7(B)	5014A	HZ24-2	5031A	IC-06-1	722	IC-59(Elcom)	9911	IC-298(Elcom)	760	IC-551(Elcom)	1018
HW100A	5096A	HZ-7A	5014A	HZ24-2L	5031A	IC-06-1(Magnavox)	722	IC-61(Elcom)	9914	IC-301(Elcom)	724	IC-552(Elcom)	1056
HW110	5151A	HZ7A	5014A	HZ24-3	5031A	IC-06-2	722	IC-62(Elcom)	9914	IC-302(Elcom)	724	IC-553(Elcom)	1073
HW110A	5151A	HZ7A-1	5014A	HZ24L-2	5031A	IC-06-2(Magnavox)	722	IC-63(Elcom)	OBS-NLA	IC-302(Elcom)	711	IC-554(Elcom)	1054
HW110B	5151A	HZ7A3	5014A	HZ27-1	5032A	IC-1(RCA)	711	IC-65(Elcom)	9989	IC-304(Elcom)	912	IC-555	955M
HW120	5097A	HZ7A33	5014A	HZ30-2L	5035A	IC-1(RCA)	711	IC-71(Elcom)	7430	IC-305(Elcom)	727	IC-601(Elcom)	735
HW120A	5097A	HZ7A3GR	5014A	HZ30-3	5035A	IC-1(Philco)	703	IC-74(Elcom)	7441	IC-305(Elcom)	727	IC-602(Elcom)	804
HW130	5098A	HZ7B	5014A	HZ31	5036A	IC-1(Dynalco)	912	IC-85(Elcom)	74LS04	IC-306(Elcom)	914	IC-603(Elcom)	804
HW130A	5098A	HZ7B	5014A	HZ33-2	5036A	IC-1-3304	912	IC-74LS14	74LS14	IC-307(Elcom)	783	IC-604(Elcom)	736
HW150	5100A	HZ7-B	5014A	HZ-35	5037A	IC-2(Elcom)	704	IC-74LS138	74LS138	IC-307(Elcom)	780	IC-605(Elcom)	740A
HW150A	5100A	HZ7B1	5014A	HZ35	5037A	IC-2(ECS)	904	IC-74LS138PC	74LS138	IC-308(Elcom)	712	IC-606(Elcom)	743
HW160	5101A	HZ7B-2	5014A	HZ36	5037A	IC-2(Philco)	703	IC-74LS163	74LS163A	IC-309(Elcom)	723	IC-607(Elcom)	744
HW160A	5101A	HZ7B2	5014A	HZ36-1	5037A	IC-2(RCA)	704	IC-74510	74510	IC-310(Elcom)	783	IC-700	1024
HW180A	5103A	HZ7B2L	5014A	HZ61A1V	5010A	IC2(Elcom)	704	IC-74520	74520	IC311(Elcom)	730	IC1303P	725
HW180A	5103A	HZ7B2LV1	5014A	HZ-209	139A	IC-2(Dynalco)	912	IC-75(Elcom)	7450	IC312(Elcom)	714	IC3014	704
HW200	5105A	HZ7B3	5014A	HZ212	142A	IC2(RCA)	710	IC-79(Elcom)	7485	IC313(Elcom)	715	IC4001BP	4001BP
HW200A	5105A	HZ7B3V	5014A	HZ30-7B	5007A	IC-2-2740(Dynalco)	912	IC-81(Elcom)	7400	IC314(Elcom)	728	IC4016BP	4016BP
HX50001	108	HZ7C	5014A	HZ310B	5019A	IC3(PHILCO)	717	IC-81(Elcom)	7483A	IC315(Elcom)	729	IC-700	700
HX50002	123A	HZ-7C-1	5015A	HZ312A	5021A	IC-3(Philco)	717	IC-82(Elcom)	7402	IC-317(Elcom)	913S	IC-7402	7402
HX50003	107	HZ-7C-2	5015A	HZ414-B3	144A	IC-4(Philco)	703	IC-83(Elcom)	7403	IC317(Elcom)	941	IC-7404	7404
HX-50063	123A	HZ-7C-3	5015A	HZ5223	5063A	IC-5(Philco)	782S	IC-84(Elcom)	7404	IC-318(Elcom)	913S	IC-7408	7408
HX-50072	123A	HZ-7GR	5014A	HZ5223	5063A	IC-6(Elcom)	703	IC-85(Elcom)	7405	IC-319(Elcom)	786	IC-7410	7410
HX-50091	229	HZ7L	5014A	HZ5225	5065A	IC-6	711	IC-86(Elcom)	7410	IC-319(Elcom)	786	IC-7411	7411
HX-50092	123AP	HZ-7SV	5014A	HZ5226	5066A	IC-6(Philco)	711	IC-87(Elcom)	7420	IC-320(Elcom)	729	IC-7417	7417
HX-50094	159	HZ-7SVA	5014A	HZ5227	134A	IC-8(Elcom)	703	IC-88(Elcom)	7440	IC320(Elcom)	789	IC-7420	7420
HX-50097	123AP	HZ-7SVB	5014A	HZ5228	5067A	IC-7(Philco)	704	IC-89(Elcom)	7441	IC-322(Elcom)	731	IC7430	7430
HX-50102	192	HZ9	5018A	HZ5229	5068A	IC-8	748A	IC-90(Elcom)	7442	IC-324(Elcom)	787	IC-7430	7430
HX-50103	192	HZ9A	5016A	HZ5230	5069A	IC-8	748A	IC-91(Philco)	703	IC-324(Elcom)	788	IC-7473	7473
HX-50104	193	HZ9A	5016A	HZ5231	5116A	IC-8(Elcom)	704	IC-91(PHILCO)	OBS-NLA	IC-325(Elcom)	791	IC-7474	7474
HX-50105	159	HZ9A1	5016A	HZ5232	136A	IC-8(Philco)	748A	IC-91(Elcom)	7451	IC401	706	IC-7475	7475
HX-50106	289	HZ9A2	5016A	HZ5233	5070A	IC-9(Philco)	748A	IC-92(Elcom)	7453	IC-401	706	IC-7476	7476
HX-50107	289	HZ9A3	5016A	HZ5234	137A	IC8B	748A	IC-92(Elcom)	7453	IC-401	706	IC-7476	7476
HX-50108	287	HZ9B	5016A	HZ5235	5071A	IC8B(Philco)	748A	IC-94(Elcom)	7472	IC-405(Elcom)	721	IC-7905	561
HX-50109	288	HZ-9B	5073A	HZ5236	138A	IC-8B(Philco)	748A	IC-95(Elcom)	7473	IC405(Elcom)	721	IC25681	929
HX-50110	229	HZ9B3	5018A	HZ5237	5072A	IC-9(Philco)	718	IC-96(Elcom)	7475	IC-408(Elcom)	724	IC-74121	74121
HX-50112	229	HZ-9C	5018A	HZ5238	5073A	IC9(Philco)	718	IC-97(Elcom)	7476	IC-410(Elcom)	9683	IC-74123	74123
HX-50113	123A	HZ9C1	5018A	HZ5239	139A	IC-9(Elcom)	711	IC-98(Elcom)	7490	IC-410(Elcom)	9683	IC-74125	74125
HX-50120	129P	HZ9C2	5018A	HZ5240	140A	IC-10(ELCOM)	710	IC-99(Elcom)	7476	IC411(Elcom)	910	IC-74154	74154
HX-50126	108	HZ9C3	5018A	HZ5241	5074A	IC-10(Philco)	706	IC-100(Elcom)	7492	IC-412(Elcom)	9670	IC-74155	74155
HX-50127	123A	HZ-9C-3	5018A	HZ5242	142A	IC-11(ELCOM)	726	IC101(Columbia)	172A	IC-413(Elcom)	9661	IC-74163	74163
HX-50128	293	HZ-9C3	5018A	HZ5243	143A	IC-11(Philco)	703	IC-101(Elcom)	7407	IC-413(Elcom)	9661	IC-74164	74164
HX-50129	293	HZ9HB	5073A	HZ5244	144A	IC11(Philco)	780	IC-101-004	1098	IC-415(Elcom)	9682	IC-74164N	74164
HX-50130	294	HZ-11	5019A	HZ5245	145A	IC-12(ELCOM)	708	IC101-109	703	IC-419(Elcom)	9157	IC-74165	74165
HX-50159	5400	HZ-11(C)T2	5020A	HZ5246	5075A	IC-12(Philco)	714	IC-102(Elcom)	7408	IC-420(Elcom)	9158	IC-74174	74174
HX-50161	123AP	HZ-11(C)TZ	5020A	HZ5247	5076A	IC-13(Elcom)	717	IC-103(Elcom)	7413	IC-423(Elcom)	OBS-NLA	IC-74175	74175
HX-50171	294	HZ11A	5020A	HZ5248	5077A	IC-13(Philco)	715	IC-104(Elcom)	7408	IC-432(Elcom)	OBS-NLA	IC-74176	74176
HX-50172	123A	HZ11A	5019A	HZ5249	5078A	IC13A(Elcom)	717	IC-105(Elcom)	7416	IC-433(Elcom)	757	IC743039	195A
HX-50173	293	HZ11A2	5019T1	HZ5250	5079A	IC-14(Philco)	739	IC-106(Elcom)	74121	IC-435(Elcom)	755	IC743040	229
HX-50176	159	HZ11A3	5019T1	HZ5251	5080A	IC14(Philco)	739	IC-107(Elcom)	910D	IC-441(Elcom)	9669	IC743041	229
HX-50180	172A	HZ11A-21	5019A	HZ5252	5081A	IC-15(Philco)	712	IC-108(Elcom)	911D	IC-442(Elcom)	755	IC743042	123A
HX-50181	123AP	HZ11AB	5020A	HZ5253	5082A	IC-16(ELCOM)	725	IC-109(Elcom)	941D	IC-443(Elcom)	757	IC743043	289A
HY3045801C	123A	HZ11B	5020A	HZ5254	146A	IC-16(Philco)	780	IC-112	1080	IC-444(Elcom)	758	IC743044	289A
HYB4116-3	2117	HZ11B	5020A	HZ5255	5083A	IC-17(Philco)	746	IC-126	1105S	IC-445(Elcom)	759	IC743045	235
HYB4116-4	2117	HZ11B1	5020A	HZ5256	5084A	IC-17(Elcom)	718	IC-132	1079	IC-446(Elcom)	763S	IC743046	312
HYB4116-5	2117	HZ11B-1	5019T1	HZ5257	147A	IC-18(ELCOM)	720	IC-132(Sharp)	1079	IC-447(Elcom)	765	IC743047	139A
HZ2C1	5000A	HZ11B1V	5019T1	HZ5258	5085A	IC-18(Philco)	747	IC-136	1051	IC-448(Elcom)	765	IC743048	116
HZ2CLL	5000A	HZ11B2	5020A	HZ133	615A	IC-19(Philco)	779A	IC-142	1050	IC-449(Elcom)	768	IC743049	519
HZ-3	5004A	HZ11B-2L	5020A	HZ133-01	615A	IC-19(ELCOM)	705A	IC-146	1004	IC-450(Elcom)	770	IC743050	109
HZ-3A	5004A	HZ11B2L	5020A	HZ133-02	615A	IC-20(Philco)	923D	IC-200(Elcom)	745	IC-451(Elcom)	772A	IC743051	177
HZ3A07	5004A	HZ11B-2LTA	5020A	HZ133G	615A	IC20(Elcom)	784	IC-201(Elcom)	722	IC-453(Elcom)	776	ICF-1	703
HZ3A3	5003A	HZ11C	5020A	HZ133S1	615A	IC21	782S	IC-201(Elcom)	722	IC-455(Elcom)	9093	ICF-1-6826	703
HZ3ALL	5004A	HZ11C	5020A	02SD13780	1676	IC-21(Philco)	782S	IC-202(Elcom)	747	IC-457(Elcom)	783	IC741CPA	941M
HZ3B	5004A	HZ11C1	5020A	03SD63580	928S	IC21(Elcom)	OBS-NLA	IC-202(Elcom)	707	IC500(R)	703	IC741CPD	941D
HZ-3B-2	5004A	HZ11C1-L	5020A	05DE76440	1547	IC-21(Elcom)	OBS-NLA	IC-203(Elcom)	749	IC-500(Elcom)	7482	IC741CTY	941
HZ3BL	5004A	HZ11C2	5020A	05DE76810	1570	IC23(Elcom)	784	IC-203(Elcom)	749	IC501(R)	704	ICL748CTY	1171
HZ3C1	5005A	HZ11C2L	5020A	05S925080	1751	IC-23(Elcom)	784	IC-204(Elcom)	750	IC501(Elcom)	760	ICL748TY	1171
HZ3C-2	5005A	HZ11C2L	5020A	0412A	123AP	IC-23(Philco)	740A	IC-204(Elcom)	750	IC502	705A	ICL7106	2050
HZ3C2-01	5005A	HZ11C3	5020A	039956300	615A	IC-24(ELCOM)	706	IC-205(Elcom)	708	IC-502(Elcom)	719	ICL7106CDL	2050
HZ4A04	5007A	HZ11C2S	5020A	1N3663	5962	IC-25(ELCOM)	705A	IC-210(Elcom)	909	IC502(Elcom)	705A	ICL7106CPL	2050
HZ4A-1	5006A	HZ11L	5020A	1N3663R	5963	IC25A(Elcom)	705A	IC-210(Elcom)	909	IC502(Elcom)	719	ICL7107	2051
HZ4A-2	5006A	HZ11L-1L	5020A	3-33187-13	5097A	IC-26(Philco)	712	IC-211(Elcom)	903	IC503	707	ICL7107CDL	2051
HZ-4C	5008A	HZ11Y	5020A	3PS035	5534A	IC-26(Elcom)	748A	IC-212(Elcom)	911	IC503(R)	707	ICL7107CPL	2051
HZ-5	135A	HZ-12	5021A	3PS135	5534A	IC-26(Elcom)	748A	IC-213(ELCOM)	753	IC504	708	ICL7126CPL	2049
HZ5	5009A	HZ-12A	5021A	3PS235	5534A	IC27(Elcom)	909D	IC-213(Elcom)	838	IC504(R)	708	ICL8038ACJD	864
HZ-5B	135A	HZ12A1	5021T1	3PS335	5534A	IC-27(Philco)	779A	IC213(Elcom)	838	IC505	709	ICL8038ACPD	864
HZ-5B-1	5009A	HZ12A2	5021T1	3PS435	5534A	IC-27(Elcom)	909D	IC-217(Elcom)	773	IC505(R)	709	ICL8038BCPD	864
HZ5B-2	5009A	HZ-12A3	5021A	3PS535	5534A	IC-28	749	IC-217(Elcom)	773	IC-505(Elcom)	1061	ICL8038BDDJ	864
HZ5C	5010A	HZ-12B	5022A	3PS635	5534A	IC-28(Elcom)	785S	IC-218(ELCOM)	713	IC506(R)	710	ICL8038CCJD	864
HZ-5C-1	5010T1	HZ-12B-1	5022A	3PT030	5679	IC28(Elcom)	785S	IC218(ELCOM)	713	IC507	712	ICL8038CCPD	864
HZ5C1	5010T1	HZ12B-2	5022A	3PT040	5679	IC29(Elcom)	904	IC-220(Elcom)	9662	IC507(R)	712	ICL8038DCJD	864
HZ5C1TD	5010T1	HZ-12B2	143A	3PT140	5679	IC-30	799	IC-221(Elcom)	9665	IC508	713	ICS	504
HZ5C2	5010T1	HZ12B3	5022A	3PT230	5679	IC30							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
IE703E	703	IM4116-4CJE	2117	IP20-0021	519	IP20-0233	140A	IR106Q2	5452	IRD3899	6006	IRKL26-12	5712
IE-850	103A	IM4116-4CPE	2117	IP20-0022	519	IP20-0244	600	IR106Q3	5452	IRD3899R	6007	IRKL41-04	5712
IF-85	102A	IM5600CDE	745188	IP20-0023	177	IP20-0245	999	IR106Q4	5452	IRD3900	6006	IRKL41-06	5712
IF AMP	OBS-NLA	IM5600CDE	745188	IP20-0024	116	IP20-0253	988	IR106Q41	5452	IRD3900R	6007	IRKL41-08	5712
IFS-3122P	1936	IM5600CJE	745188	IP20-0025	116	IP20-0258	229	IR106Y1	5452	IRD3901	6006	IRKL41-10	5712
IG000099	74C04	IM5600CPE	745188	IP20-0026	125	IP20-0262	236	IR106Y1-C	5452	IRD3901R	6007	IRKL41-12	5712
IG00009	1096	IM5603C	745387	IP20-0027	138A	IP20-0264	512	IR106Y2	5452	IRD3902	6008	IRKL56-04	5712
IG00013	1090	IM5603CDE	745387	IP20-0028	390	IP20-0274	519	IR122A	5462	IRD3902R	6009	IRKL56-06	5712
IG00016	941	IM5603CJE	745387	IP20-0029	123A	IP20-0281	1240	IR122A1	5462	IRD3903	6008	IRKL56-08	5712
IG00018	7400	IM5603CPE	745387	IP20-0032	123A	IP20-0282	519	IR122A-C	5462	IRD3903R	6009	IRKL56-10	5712
IG00027	7473	IM5604	745570	IP20-0033	300	IP20-0283	109	IR122B	5463	IRD3908	6006	IRKL56-12	5712
IG00032	7491	IM5604CDE	745570	IP20-0034	199	IP20-0284	137A	IR122B1	5463	IRD3908R	6007	IRKL71-04	5722
IG00036	902	IM5604CJE	745570	IP20-0035	312	IP20-0305	312	IR122B-C	5463	IRD3910	6006	IRKL71-06	5722
IG00043	7454	IM5604CPE	745570	IP20-0036	152	IP20-0306	123A	IR122C	5465	IRD3910R	6007	IRKL71-08	5722
IG00044	1135	IM5605	745475	IP20-0037	229	IP20-0310	7401	IR122C1	5465	IRD3911	6006	IRKL71-10	5722
IG00049	4001B	IM5605CDG	745475	IP20-0038	229	IP20-0316	7474	IR122C-C	5465	IRD3911R	6007	IRKL71-12	5722
IG00051	4006B	IM5605CJG	745475	IP20-0039	123A	IP20-0317	1261	IR122D	5465	IRF3912	6008	IRKL91-04	5722
IG00056	4013B	IM5606	745572	IP20-0040	123A	IP20-0320	293	IR122D1	5465	IRF3912R	6009	IRKL91-06	5722
IG00058	4015B	IM5606CDN	745572	IP20-0041	289A	IP20-0321	235	IR122D-C	5465	IRF3913	6008	IRKL91-08	5722
IG00059	4016B	IM5606CJN	745572	IP20-0046	290A	IP20-0322	236	IR122E1	5466	IRF3913R	6009	IRKL91-10	5722
IG00067	4025B	IM5610	745298	IP20-0048	195A	IP20-0323	152	IR122F	5461	IRF523	2383	IRKL91-12	5722
IG00082	4049	IM5610CDE	745298	IP20-0058	116	IP20-0331	229	IR122F1	5461	IRF220	2386	IRKT26-04	5710
IG00084	4051B	IM5610CJE	745298	IP20-0060	109	IP20-0332	123A	IR122F-C	5461	IRF220-3	2386	IRKT26-06	5710
IG00101	4039B	IM5610CPE	745298	IP20-0061	109	IP20-0333	1248	IR122M1	5466	IRF221	2386	IRKT26-08	5710
IG00114	9200	IM5623	745287	IP20-0061	519	IP20-0336	293	IR151RF15	5374	IRF222	2386	IRKT26-10	5710
IG00117	4001B	IM5623CDE	745287	IP20-0062	5070A	IP20-0339	107	IR402	283	IRF223	2386	IRKT26-12	5710
IG00118	4013B	IM5623CJE	745287	IP20-0068	229	IP20-0342	611	IR403	283	IRF320	2386	IRKT41-04	5710
IG00120	4081B	IM5623CPE	745287	IP20-0068	7473	IP20-0344	1260	IR409	162	IRF321	2386	IRKT41-06	5710
IG00134	1154	IM5624	745571	IP20-0076	103A	IP20-0345	234	IR410	94	IRF322	2386	IRKT41-08	5710
IG00139	778A	IM5624CDE	745571	IP20-0078	312	IP20-0346	123A	IR411	94	IRF323	2386	IRKT41-10	5710
IG00144	4071B	IM5624CJE	745571	IP20-0083	235	IP20-0347	123A	IR423	162	IRF512	2382	IRKT41-12	5710
IG00162	975	IM5624CPE	745571	IP20-0086	135A	IP20-0348	229	IR515	283	IRF520	2382	IRKT56-04	5710
IG00163	930	IM5625	745474	IP20-0088	233	IP20-0349	295	IR516	283	IRF521	2382	IRKT56-06	5710
IG00169	4016B	IM5625CDG	745474	IP20-0089	316	IP20-0350	236	IR517	283	IRF522	2382	IRKT56-08	5710
IG00172	4069	IM5625CJG	745474	IP20-0091	123A	IP20-0351	977	IR518	283	IRF523	2382	IRKT56-10	5710
IG00173	4073B	IM5626	745573	IP20-0093	1104	IP20-0422	519	IR519	283	IRF530	66	IRKT56-12	5710
IG00174	4050B	IM5626CDN	745573	IP20-0094	712	IP20-0429	1192	IR640	245	IRF531	66	IRKT71-04	5720
IG00176	4081B	IM5626CJN	745573	IP20-0095	1097	IP20-0430	778A	IR641	245	IRF532	66	IRKT71-06	5720
IG00177	4051B	IM6508	6508	IP20-0097	7401	IP20-0432	312	IR642	270	IRF533	66	IRKT71-08	5720
IG00178	4007	IM6508-1	6508	IP20-0098	177	IP20-0434	199	IR645	246	IRF610	67	IRKT71-10	5720
IG00179	4030B	IM6508D	6508	IP20-03-5	312	IP20-0435	152	IR646	246	IRF610-3	67	IRKT71-12	5720
IG00185	7450A	IM6508D-1	6508	IP20-0103	295	IP20-0436	123AP	IR647	271	IRF611	67	IRKT91-04	5720
IG00710	4019B	IM6508J	6508	IP20-0105	123A	IP20-0437	123AP	IR682	5521	IRF611-3	67	IRKT91-06	5720
IG-100	105	IM6508J-1	6508	IP20-0106	278	IP20-0438	236	IR683	5522	IRF612	67	IRKT91-08	5720
IGSTK6982	1748	IM6508P	6508	IP20-0110	229	IP20-0439	156	IR684	5524	IRF613	67	IRKT91-10	5720
IHHA11749	1686	IM6508P-1	6508	IP20-0112	298	IP20-0440	116	IR685	5524	IRF613	67	IRKT91-12	5720
IJJ-NUM4558D	778A	IM7027-3	2104	IP20-0114	278	IP20-0441	519	IR686	5527	IRF620	2388	IR-RE50	131
IJJ-NUM4558D-D	778A	IM7027-3CJE	2104	IP20-0118	109	IP20-0442	519	IR687	5527	IRF620-3	2388	IR-RE51	199
IJJ-NUM4558D-E	778A	IM7027-4	2104	IP20-0120	601	IP20-0443	612	IR688	5527	IRF621	2388	IR-TR53	128
IJJ-NUM4558DX	778A	IM7027-4CJE	2104	IP20-0122	123A	IP20-0444	116	IR689	5529	IRF622	67	IR-TR56	187
IKK-HA1151	1237	IMC1358P	712	IP20-0123	299	IP20-0445	605A	IR690	5529	IRF623	2388	IR-TR57	175
IKK-HA11225	1488	IMR330R	5966	IP20-0123	299	IP20-0446	5015A	IR692	5531	IRF632	2388	IR-TR57	196
IKK-HD74LS138	74LS138	IMR330R	5967	IP20-0131	299	IP20-0491	289A	IR729	283	IRF633	2388	IR-TR58	218
IL1	3041	IMR5040	5826	IP20-0132	295	IP20-0633	235	IR801	389	IRF710	2380	IR-TR59	130
IL-1	3041	IMR5040R	5827	IP20-0135	235	IP100	5400	IR900	244	IRF711	2380	IR-TR60	157
IL5	3042	IMR5080	5828	IP20-0135	236	IP101	5401	IR901	244	IRF712	2380	IR-TR61	162
IL-5	3042	IMR5080R	5829	IP20-0139	5010A	IP102	5402	IR1000	243	IRF713	2380	IR-TR62	123A
IL12	3042	IN34	109	IP20-0141	1100	IP103	5403	IR1001	243	IRF720	67	IR-TR63	123A
IL-12	3042	IN60-1	109	IP20-0142	1103	IP104	5404	IR1600	5470	IRF721	67	IR-TR64	195A
IL-74	3084	IN752	5011A	IP20-0144	220	IP105	5405	IR1601	5471	IRF722	67	IR-TR65	195A
IL74	3084	IN752A	5011A	IP20-0145	177	IP106	5405	IR1602	5472	IRF723	67	IR-TR67	163A
IL201	3041	IN1184	5986	IP20-0148	152	IP640	1235	IR1603	5474	IRF732	67	IR-TR68	164
IL201	3041	IN2979BR	5191AK	IP20-0149	128	IR1D	116	IR1604	5474	IRF733	67	IR-TR69	172A
IL202	3041	IN3314A	5257A	IP20-0150	129	IR1F	506	IR1771	548	IRF822	2380	IR-TR70	161
IL202	3041	IN4051	6356	IP20-0151	614	IR2A	116	IR1772	5482	IRF822-3	2380	IR-TR71	161
IL209	3007	IN4751A	5084A	IP20-0154	236	IR2E	116	IR1774	5483	IRF823	2380	IR-TR72	188
IL211	3010	IN4764A	5096A	IP20-0155	235	IR3D	506	IR1776	5485	IRF9121	2383	IR-TR73	189
IL211	3010	IN5257B	5036A	IP20-0156	295	IR3C	5545	IR1777	5485	IRF9123	2383	IR-TR74	190
IL214	3009	IN5338B	5116A	IP20-0157	222	IR3M02	1729	IR1778	5487	IRF920	2383	IR-TR75	191
IL214	3009	IN61684	507	IP20-0159	159	IR3M05	832	IR1843A	5501	IRF921	2383	IR-TR76	152
IL216	3008	INJ60284	109	IP20-0160	103A	IR3N06	853	IR1844A	5502	IRF9522	2383	IR-TR77	153
IL216	3008	INJ61224	110MP	IP20-0161	1155	IR3N0P	832	IR1846A	5504	IRKDS6-04	6220	IR-TR78	154
IL250	3089	INJ61225	137A	IP20-0162	312	IR3P04	1671	IR1848A	5507	IRKDS6-06	6220	IR-TR79	171
IL501	3041	INJ61227	116(2)	IP20-0164	156	IR5JA	109	IR1849A	5507	IRKDS6-08	6220	IR-TR80	176
IL501	3041	INJ61433	177	IP20-0165	289A	IR10	5454	IR1850A	5509	IRKDS6-10	6220	IR-TR84	158
IL505	3041	INJ61677	177	IP20-0167	116	IR10D	177	IR2160	6400B	IRKDS6-12	6220	IR-TR85	102A
IL505	3041	INJ61725	177	IP20-0170	123A	IR10D3L	506	IR2403	2079	IRKDS7-04	6230	IR-TR86	123
IL512	3041	INJ61726	177	IP20-0171	229	IR10E6J	116	IR2423	2080	IRKDS7-06	6230	IR-TR87	128
IL512	3041	INJ61726	116	IP20-0172	300	IR10E6X	517	IR2424	2080	IRKDS7-08	6230	IR-TR88	129
IL530	3084	INS82LS05N	74LS138	IP20-0173	312	IR16M30QA	6084	IR2500	246	IRKDS7-10	6230	IR-TR91	155
IL530	3084	INS82LS05N	74LS138	IP20-0174	703	IR20	116	IR2501	246	IRKDS7-12	6230	IR-TR92	196
IL530	3084	INS82LS05N	74LS138	IP20-0179	233	IR20 (SCR)	5455	IR3000	245	IRKDS9-04	6230	IR-TR93	155
IL555	3083	INS8212	8212	IP20-0179	289A	IR-28-R508	910D	IR3001	245	IRKDS9-06	6230	IR-TR94	226MP
IL709S	909D	INS8212N											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
ISPT040	56022	IT26C	5645	IT610	5645	IT74LS40N	74LS40	IT7311H-5D	9311	IT7372-5N	9372	ITT1800N	9800		
ISPT040A	56022	IT26HA	5645	IT610A	5645	IT74LS51	74LS51	IT7311H-5N	9311	IT7372-5N	9372	ITT1801N	9801		
ISPT040AB	56022	IT26HX	5645	IT610AB	5645	IT74LS54	74LS54	IT7312-5D	9312	IT7372H-5D	9372	ITT1802N	9802		
ISPT040B	56022	IT26SH	5645	IT610C	5645	IT74LS54J	74LS54	IT7312-5D	9312	IT7372H-5N	9372	ITT1806N	9806		
ISPT040C	56022	IT28	56004	IT610HA	5645	IT74LS54N	74LS54	IT7312-5N	9312	IT7380-5	9380	ITT1807-5	9806		
ISPT130	56022	IT28A	5645	IT610HX	5645	IT74LS73	74LS73	IT7312H-5	9312	IT7380-5D	9380	ITT1807N	9807		
ISPT130A	56022	IT28AB	5645	IT610SH	5645	IT74LS74	74LS74	IT7312H-5D	9312	IT7380-5N	9380	ITT1808-5	9808		
ISPT130AB	56022	IT28C	5645	IT615	56008#	IT74LS75	74LS75	IT7312H-5N	9312	IT7380H-5	9380	ITT1808-5	9808		
ISPT130B	56022	IT28HA	5645	IT710	56010	IT74LS76	74LS76	IT7321-5	9321	IT7380H-5D	9380	ITT1809-5	9809		
ISPT130C	56022	IT28HX	5645	IT715	56010	IT74LS76J	74LS76	IT7321-5D	9321	IT7380H-5N	9380	ITT1809N	9809		
ISPT140	56022	IT28SH	5645	IT810	56010	IT74LS76N	74LS76	IT7321-5N	9321	IT7381-5	9381	ITT1810-5	9810		
ISPT140A	56022	IT36	5645	IT815	56010	IT74LS86	74LS86	IT7321H-5	9321	IT7381-5D	9381	ITT1810-5	9810		
ISPT140AB	56022	IT36A	5645	IT4640	3071	IT74LS90	74LS90	IT7321H-5D	9321	IT7381-5N	9381	ITT1811-5	9811		
ISPT140B	56022	IT36AB	5645	IT6800ME	6800	IT74LS90J	74LS90	IT7321H-5N	9321	IT7381H-5	9381	ITT1811N	9811		
ISPT140C	56022	IT36C	5645	IT6802ME	6802	IT74LS90N	74LS90	IT7322-5	9322	IT7381H-5D	9381	ITT3064(Metal Can)	780		
ISPT230	56022	IT36HA	5645	IT6810ME	6810	IT74LS93	74LS93	IT7322-5D	9322	IT7381H-5N	9381	ITT3064(D.I.P.)	783		
ISPT230A	56022	IT36H	5645	IT6821ME	6821	IT74LS107	74LS107	IT7322-5N	9322	IT402	116	ITT3064	783		
ISPT230AB	56022	IT36SH	5645	IT6850ME	6850	IT74LS109	74LS109	IT7322H-5	9322	IT410	614	ITT3638A632	159		
ISPT230B	56022	IT38	5645	IT6875ME	6875	IT74LS112	74LS112	IT7322H-5D	9322	IT-410	612	IT4027D-3	2104		
ISPT230C	56022	IT38A	5645	IT6880ME	6880	IT74LS112J	74LS112	IT7322H-5N	9322	IT410AB	614	IT4027D-4	2104		
ISPT240	56022	IT38AB	5645	IT6889ME	6889	IT74LS112N	74LS112	IT7323-5	9323	IT410ST	614	IT4027D-6	2104		
ISPT240A	56022	IT38C	5645	IT75188ME	75188	IT74LS123	74LS123	IT7323-5D	9323	IT413	177	IT4027N-3	2104		
ISPT240AB	56022	IT38HA	5645	IT75189ME	75189	IT74LS125	74LS125	IT7323-5N	9323	IT417(Zenith)	142A	IT4027N-4	2104		
ISPT240B	56022	IT38HX	5645	ITA7176AP	1236	IT74LS125J	74LS125	IT7323H-5	9323	IT491	75491B	IT4027N-6	2104		
ISPT240C	56022	IT38SH	5645	ITA7607AP	1545	IT74LS125N	74LS125	IT7323H-5D	9323	IT491N	75491B	IT4116-3	2117		
ISPT330	56024	IT40	177	ITA7608CP5	1532	IT74LS132	74LS132	IT7323H-5N	9323	IT492	75492B	IT4116-4	2117		
ISPT330A	56024	IT46	5645	ITA7609P2	1496	IT74LS132J	74LS132	IT7324-5	9324	IT492N	75492B	IT4116D-3	2117		
ISPT330AB	56024	IT46A	5645	ITC3510	3054	IT74LS132N	74LS132	IT7324-5D	9324	IT493	75493	IT4116D-4	2117		
ISPT330B	56024	IT46AB	5645	ITC3520	3063	IT74LS138	74LS138	IT7324-5N	9324	IT493N	75493	IT4116N-3	2117		
ISPT330C	56024	IT46C	5645	ITC3540	3058	IT74LS139	74LS139	IT7324H-5	9324	IT494	75494	IT4116N-4	2117		
ISPT340	56024	IT46HA	5645	ITC-3540	3058	IT74LS139J	74LS139	IT7324H-5D	9324	IT494N	75494	IT7215	177		
ISPT340A	56024	IT46H	5645	ITC3610	3053	IT74LS139N	74LS139	IT7324H-5N	9324	IT497N	75497	IT7400N	7400		
ISPT340AB	56024	IT46SH	5645	ITC3620	3062	IT74LS151	74LS151	IT7325-5	9325	IT500	75492B	IT7401N	7401		
ISPT340B	56024	IT48	5645	ITC3640	3058	IT74LS155	74LS155	IT7325-5D	9325	IT500-5D	75492B	IT7402N	7402		
ISPT340C	56024	IT48A	5645	ITC3710	3052	IT74LS155J	74LS155	IT7325-5N	9325	IT500-5P	75492B	IT7403N	7403		
ISPT430	56024	IT48AB	5645	ITC3720	3061	IT74LS155N	74LS155	IT7325H-5	9325	IT501	75491B	IT7404N	7404		
ISPT430A	56024	IT48C	5645	ITC3730	3065	IT74LS157	74LS157	IT7325H-5D	9325	IT501-5D	75491B	IT7405N	7405		
ISPT430AB	56024	IT48HA	5645	ITC3740	3056	IT74LS160A	74LS160A	IT7325H-5N	9325	IT501-5M	75491B	IT7406N	7406		
ISPT430B	56024	IT48HX	5645	ITC3810	3055	IT74LS160AJ	74LS160A	IT7326-5	9326	IT501-5P	75491B	IT7407N	7407		
ISPT430C	56024	IT48SH	5645	ITC3820	3064	IT74LS160AN	74LS160A	IT7326-5D	9326	IT552	2011	IT7408N	7408		
ISPT440	56024	IT56	5645	ITC3840	3060	IT74LS161	74LS161	IT7326-5N	9326	IT554	2012	IT7409N	7409		
ISPT440A	56024	IT56A	5645	ITC4610	3070	IT74LS162A	74LS162A	IT7326H-5	9326	IT556	2013	IT7410N	7410		
ISPT440AB	56024	IT56AB	5645	ITC4710	3068	IT74LS162AJ	74LS162A	IT7326H-5D	9326	IT558	2014	IT7411N	7411		
ISPT440B	56024	IT56C	5645	ITC4740	3069	IT74LS162AN	74LS162A	IT7326H-5N	9326	IT600	519	IT7412N	7412		
ISPT440C	56024	IT56HA	5645	ITC6710	3074	IT74LS163	74LS163A	IT7331-5	9331	IT601	519	IT7413N	7413		
ISPT530	56026	IT56HX	5645	ITC6730	3076	IT74LS164	74LS164	IT7331-5D	9331	IT652	2011	IT7416N	7416		
ISPT530A	56026	IT56SH	5645	ITC6740	3075	IT74LS170	74LS170	IT7331-5N	9331	IT654	2012	IT7417N	7417		
ISPT530AB	56026	IT58	5645	ITC6750	3077	IT74LS170J	74LS170	IT7331H-5	9331	IT656	2013	IT7420N	7420		
ISPT530B	56026	IT58A	5645	ITC6760	3078	IT74LS170N	74LS170	IT7331H-5D	9331	IT658	2014	IT7421N	7421		
ISPT530C	56026	IT58AB	5645	ITC6780	3079	IT74LS174	74LS174	IT7331H-5N	9331	IT699(Zenith)	159	IT7425N	7425		
ISPT540	56026	IT58C	5645	ITE3066	457	IT74LS175	74LS175	IT7332-5	9332	IT709(D.I.P.)	909D	IT7426N	7426		
ISPT540A	56026	IT58HA	5645	ITE3067	457	IT74LS190	74LS190	IT7332-5D	9332	IT709(Metal Can)	909	IT7428	7428		
ISPT540AB	56026	IT58HX	5645	ITE4339	457	IT74LS190J	74LS190	IT7332-5N	9332	IT709-5(DIP)	909D	IT7428N	7428		
ISPT540B	56026	IT58SH	5645	ITE4340	457	IT74LS190N	74LS190	IT7332H-5	9332	IT709-5(Metal Can)	909	IT7430N	7430		
ISPT540C	56026	IT66	5645	ITE4391	457	IT74LS191	74LS191	IT7332H-5D	9332	IT709-5(Metal Can)	910	IT7432N	7432		
ISPT630	56026	IT66A	5645	ITH61	125	IT74LS192	74LS192	IT7332H-5N	9332	IT710(D.I.P.)	910D	IT7433	7433		
ISPT630A	56026	IT66AB	5645	ITH-76	152	IT74LS192J	74LS192	IT7333-5	9333	IT710-5(DIP)	910D	IT7433N	7433		
ISPT630AB	56026	IT66C	5645	ITT-2SK30A-O	459	IT74LS192N	74LS192	IT7333-5D	9333	IT710-5(Metal Can)	910	IT7437N	7437		
ISPT630B	56026	IT66HA	5645	ITT-33	519	IT74LS193	74LS193	IT7333-5N	9333	IT711(D.I.P.)	911D	IT7438N	7438		
ISPT630C	56026	IT66HX	5645	ITT-44	519	IT74LS195	74LS195A	IT7333H-5	9333	IT711(Metal Can)	911	IT7440N	7440		
ISPT640	56026	IT66SH	5645	ITT73	117A	IT74LS221	74LS221	IT7333H-5D	9333	IT711-5(Metal Can)	911	IT7442N	7442		
ISPT640A	56026	IT68	5645	ITT-73	519	IT74LS225	74LS225	IT7333H-5N	9333	IT711-5(D.I.P.)	911D	IT7443N	7443		
ISPT640AB	56026	IT68A	5645	ITT73C	519	IT74LS225J	74LS225	IT7334-5	9334	IT718	109	IT7444N	7444		
ISPT640B	56026	IT68AB	5645	ITT-73N	519	IT74LS258	74LS258	IT7334-5D	9334	IT723(Metal Can)	923	IT7445N	7445		
ISPT640C	56026	IT68C	5645	ITT-73N	519	IT74LS258J	74LS258	IT7334-5N	9334	IT723(D.I.P.)	923D	IT7446N	7446		
ISS181	596	IT68HA	5645	ITT74H00N	74H00	IT74LS258N	74LS258	IT7334H-5	9334	IT723-5(Metal Can)	923	IT7447AN	7447		
ISS184	595	IT68HX	5645	ITT74H01N	74H01	IT74LS279	74LS279	IT7334H-5D	9334	IT723-5(DIP)	923D	IT7448N	7448		
ISS193	593	IT68SH	5645	ITT74H04N	74H04	IT74LS279J	74LS279	IT7334H-5N	9334	IT741(Metal Can)	941	IT7450N	7450		
IT06	5645	IT74H015	56410	ITT74H05N	74H05	IT74LS279N	74LS279	IT7335-5	9335	IT741(D.I.P.)	941D	IT7451N	7451		
IT06A	5645	IT78	56010	ITT74H10N	74H10	IT74LS366A	74LS366A	IT7335-5D	9335	IT741-5(D.I.P.)	941D	IT7453N	7453		
IT06AB	5645	IT86	56010	ITT74H11N	74H11	IT74LS366AJ	74LS366A	IT7335-5N	9335	IT741-5(Metal Can)	941	IT7454N	7454		
IT06C	5645	IT88	56010	ITT74H20N	74H20	IT74LS367	74LS367	IT7335-12(Zenith)	177	IT741-5C	941D	IT7460N	7460		
IT06HA	5645	IT092	326	ITT74H21N	74H21	IT74LS368	74LS368	IT7335H-5	9335	IT741-5D	941D	IT7470N	7470		
IT06HX	5645	IT108	5645	ITT74H30N	74H30	IT74LS368J	74LS368	IT7335H-5D	9335	IT741-5P	941D	IT7472N	7472		
IT06SH	5645	IT110	5645	ITT74H40N	74H40	IT74LS368N	74LS368	IT7335H-5N	9335	IT7895(Zenith)	123AP	IT7473N	7473		
IT08	5645	IT110A	5645	ITT74H50N	74H50	IT74LS670	74LS670	IT7338-142(Zenith)	177	IT920	519	IT7475J	7475		
IT08A	5645	IT110AB	5645	ITT74H51N	74H51	IT74LS670J	74LS670	IT7342-5	9342	IT921	519	IT7475N	7475		
IT08AB	5645	IT110C	5645	ITT74H53N	74H53	IT74LS670N	74LS670	IT7342-5D	9342	IT930-5	9330	IT7476N	7476		
IT08C	5645	IT110HA	5645	ITT74H54N	74H54	IT102	102	IT7342-5N	9342	IT930N	9330	IT7480N	7480		
IT08HA	5645	IT110HX	5645	ITT74H60N	74H60	IT142(Zenith)	177	IT7342H-5	9342	IT932-5	9332	IT7482N	7482		
IT08HX	5645	IT110SH	5645	ITT74H72N	74H72	IT181-1	177	IT7342H-5D	9342	IT932N					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
ITT9615-5D	9615	J4D3	6354	J2252	124	J15531	68	J241219	749	JE105K	242	JE5982	183
ITT9615-5P	9615	J4D3R	6354	J2253	218	J15532	68	J241220	1050	JE170	185	JE5983	182
ITT74107N	74107	J4E3	6354	J2254	218	J20437	116	J241221	1089	JE171	185	JE5984	182
ITT74109	74109	J4E3R	6355	J2267	285	J20438	142A	J241222	712	JE172	185	JE5985	182
ITT74109N	74109	J4F3	6354	J2268	285	J24127	116	J241224	218	JE180	184	JE6040	260
ITT74121N	74121	J4F3R	6355	J2441	109	J24186	136A	J241225	159	JE181	184	JE6042	260
ITT74122N	74122	J4G3	6354	J2500	246	J24262	5070A	J241226	159	JE182	184	JE6043	259
ITT74123N	74123	J4G3R	6355	J2501	246	J24366	131MP	J241227	238	J200E	186A	JE6044	259
ITT74141N	74141	J4H3	6356	J2801	130	J24458	123A	J241228	124	JE204	182	JE6045	259
ITT74145N	74145	J4H3R	6357	J2802	130	J24561	107	J241229	124	JE205	182	JE7001	69
ITT74150N	74150	J4K3	6356	J2840	284	J24562	107	J241230	123A	JE205K	241	JE7001(BEC)	69
ITT74151N	74151	J4K3R	6357	J2841	284	J24563	107	J241231	175	JE340	157	JE7001J	69
ITT74152N	74152	J4M3	6358	J2901	219	J24564	123A	J241232	116	JE341	157	JE7001K	69
ITT74153N	74153	J4M3R	6359	J2955	219	J24565	123A	J241233	198	JE344	157	JE7001L	69
ITT74154N	74154	J4N3	6358	J2955A	219	J24566	124	J241234	177	JE350	39	JE7001-L(BEC)	69
ITT74155N	74155	J4N3R	6359	J3000	245	J24567	110MP	J241235	177	JE370	185	JE8050	128P
ITT74156N	74156	J5A3	6354	J3001	245	J24570	116	J241236	231	JE370K	242	JE8550	129P
ITT74160N	74160	J5A3R	6355	J3010	162	J24596	108	J241241	152	JE371	185	JE9011	123AP
ITT74161N	74161	J5B3	6354	J3011	163A	J24620	160	J241242	177	JE371K	242	JE9011D	123AP
ITT74162N	74162	J5B3R	6355	J3026	162	J3026	160	J241245	109	JE423	162	JE9011E	123AP
ITT74163N	74163	J5C3	6354	J3027	162	J24622	160	J241250	184	JE482	184	JE9011F	123AP
ITT74164N	74164	J5C3R	6355	J3028	94	J24623	160	J241251	123A	JE483	184	JE9011G	123AP
ITT74165N	74165	J5D3	6354	J3029	283	J24624	123A	J241252	196	JE488	184	JE9011H	123AP
ITT74174N	74174	J5D3R	6355	J3030	52	J24625	123A	J241253	159	JE492	185	JE9011I	123AP
ITT74175N	74175	J5E3	6354	J3040	98	J24626	102A	J241255	128	JE493	185	JE9011Q	195A
ITT74180N	74180	J5E3R	6355	J3041	98	J24628	110MP	J241256	128	JE520	184	JE9012	159
ITT74181N	74181	J5F3	6354	J3042	98	J24630	116	J241258	218	JE520K	241	JE9012D	159
ITT74182N	74182	J5F3R	6355	J3101	384	J24631	137A	J241259	159	JE521	184	JE9012E	159
ITT74189N	74189	J5G3	6354	J3201	124	J24632	139A	J241260	116	JE521	184	JE9012F	159
ITT74191N	74191	J5G3R	6355	J3202	124	J24635	108	J241270	748A	JE521K	241	JE9012G	159
ITT74192N	74192	J5H3	6356	J3260	283	J24636	108	J241271	116	JE700	254	JE9012H	159
ITT74193N	74193	J5H3R	6357	J3430	385	J24637	108	J310159	102A	JE700T	262	JE9013	123AP
ITT74195N	74195	J5K3	6356	J3480	165	J24639	102A	J310224	102A	JE701	254	JE9013D	123AP
ITT75450N	75450	J5K3R	6357	J3520	245	J24640	159	J310249	123A	JE701T	262	JE9013E	123AP
ITT75451N	75451	J5M3	6358	J3521	245	J24641	123A	J310250	123A	JE702	254	JE9013F	123AP
ITT75452N	75452	J5M3R	6359	J3701	218	J24642	175	J310251	160	JE702T	262	JE9013G	123AP
ITT75453N	75453	J5N3	6358	J3771	181	J24643	110MP	J310252	102A	JE703	254	JE9013H	123AP
ITT75454N	75454	J5N3R	6359	J3772	181	J24645	116	J320020	116	JE703T	262	JE9014(EBC)	199
ITT30419(Zenith)	177	J10	156	J3773	388	J24647	116	J320041	109	JE710	185	JE9014A	123AP
ITTBV18	519	J11	464	J4000	243	J24658	123A	JA101	290A	JE711	185	JE9014B	123AP
ITTBV19	519	J11A	464	J4001	243	J24701	107	JA101P	290A	JE800	253	JE9014BE(EBC)	199
ITT-MPC566H	1052	J100	116	J4010	244	J24752	123A	JA101Q	290A	JE800T	261	JE9014C(EBC)	199
ITT-TA120P	1087	J103(SGD)	326	J4011	244	J24753	123A	JA424	914	JE801	253	JE9014D(EBC)	199
ITT-TC4011BP	4011B	J105	165	J4030	250	J24754	185 + 174(CP)	JA1050	159	JE801T	261	JE9014E(EBC)	199
ITT-TC4049BP	4049	J105(SGD)	326	J4031	250	J24755	177	JA1050B	159	JE802	253	JE9015	159
ITT-TC406BP	4066B	J107	107	J4032	250	J24756	116	JA1050G	159	JE802T	261	JE9015A	159
ITT-TW6713	2003	J108	108	J4033	249	J24812	199	JA1050GL	159	JE803	253	JE9015B	159
IUJ-UM1011N	773	J112	312	J4035	249	J24813	108	JA1050W	199	JE803T	261	JE9015C	159
IV-55	3004	J139A	123A	J4101	175	J24814	108	JA1200	123A	JE1033B	312	JE9016D	108
IV55	3004	J187	108	J4102	175	J24817	123A	JA1300	194	JE1080	258	JE9016E	108
IV5053	3020	J201(DSG)	458	J4237	285	J24820	110MP	JA1350	123AP	JE1091	258	JE9016F	108
IV5054-2	3025	J202(DSG)	458	J4238	285	J24852	108	JA1350B	199	JE1092	258	JE9016G	108
IV5153	3023	J241	110MP	J4247	284	J24855	123A	JA1350W	199	JE1093	258	JE9016H	108
IV-5253	3024	J242	109	J4248	284	J24863	108	JA1350Y	199	JE1094	257	JE9016I	108
IV5253	3024	J243	109	J4502	180	J24868	103A	JA1600G	123A	JE1101	257	JE9016J	108
IV5363	3021	J301	312	J4645	129	J24869	102A	JA7010	199	JE1102	257	JE9018	108
IV-5374	3011	J304	312	J5008	98	J24870	102A	JA7072	184	JE1103	257	JE9018D	108
IV5374	3011	J305-001017	383	J5010	98	J24871	116	JA-H	123A	JE1601	331	JE9018E	108
IV-5753	3022	J305-001018	290A	J5062	160	J24872	123A	JA-KCDP	155	JE1909	235	JE9018F	108
IV5753	3022	J305-001022	290A	J5063	102A	J24874	123A	JA-L	123A	JE2090	262	JE9018G	108
IVN5201CNH	66	J305-001023	290A	J5064	102A	J24875	199	JAM702C	116	JE2091	262	JE9018H	108
IVN6200CNF	66	J305-001025	187A	J5202	175	J24877	116	JB-00030	116	JE2092	262	JE9018I	108
IVN6200CNH	66	J306-001004	116	J5203	175	J24878	123A	JB00036	165	JE2093	262	JE9018J	108
IVN6200CNS	67	J306-001020	116	J5204	175	J24903	117A	JB00036	116	JE2100	261	JE9042	287
IW01-09J	5074A	J308	312	J5416	129	J24904	108	JB16C4	116(4)	JE2101	261	JE9042B	287
IX0037CE	615A	J337-009001	5129A	J5683	30	J24905	108	JB8255AP-5	8255	JE2103	261	JE9043	287
IX0054CE	1140	J337-009003	145A	J5684	30	J24906	123A	JB-BB1A	116	JE2360	198	JE9043A	287
IX0065CE	1550	J337-009004	146A	J5685	29	J24907	123A	JB-00012	116	JE2360T	198	JE9043B	287
IX0069CE	4001B	J337-009005	5010A	J5686	29	J24908	108	JB-00014	116	JE2361	198	JE9092	288
IX0087TA	1515	J400	124	J6302	388	J24909	123A	JC-00017	506	JE2361T	198	JE9092A	288
IX0121CE	1671	J408	283	J8400	165	J24911	109	JC-00028	116	JE2370	242	JE9092B	288
IX0137	1751	J410	94	J9000	283	J24912	177	JC-00032	116	JE2371	242	JE9093	288
IX0137CE	1751	J411	94	J9400	184	J24913	108	JC-00033	116	JE2370	242	JE9093A	288
IX0137CEZZ	1751	J413	385	J9631	123A	J24914	108	JC-00035	116	JE2481	241	JE9093B	288
IX0178CE	1416	J420	154	J9690	159	J24915	109	JC-00037	116	JE2482	241	JE9100A	123AP
IX0212CE	1671	J421	396	J9681	159	J24916	123A	JC-00042	116	JE2483	241	JE9100B	123AP
IX0213CE	1616	J423	385	J9697	159	J24919	117A	JC-00044	116	JE2480	242	JE9100C	123AP
IX0214CE	1576	J424	283	J10000	98	J24920	116	JC-00045	116	JE2481	242	JE9100D	123AP
IX0223CE	1572	J425	283	J10001	98	J24921	108	JC-00047	116	JE2520	241	JE9100E	123AP
IX0224CE	1570	J430	53	J10002	97	J24923	108	JC-00049	116	JE2521	241	JE9100F	123AP
IX0225CE	1377	J431	53	J10003	97	J24932	199	JC00049	116	JE2522	241	JE9100G	123AP
IX0238CE	1676	J450	180	J10004	98	J24933	199	JC00050	116	JE2523	241	JE9101A	123AP
IX0243CE	1539	J480	130	J10005	98	J24934	102A	JC00050	116	JE2801	182	JE9101B	123AP
IX0252CE	1413	J481	130	J10006	97	J24935	116	JC-00051	116	JE2801T	331	JE9101C	123AP
IX0275CE	1572	J490	281	J10007	97	J24939	116	JC-00053	116	JE2901	183	JE9101D	123AP
IX0276CE	1570	J491	281	J10008	98	J24940	116	JC-00055	116	JE2901T	332	JE9112	128P
IX0488CE	1217	J685	109	J10009	98	J34000	241	JC-00059	156	JE2940	130	JE9113	129P
IX0555-379005N	519	J703N	703	J10012	98	J10183	116	JC-0025	117A	JE2955	183	JE9214A	2355
IYBA6304A	1679	J775-0	5322	J10015	99	J241015	129	JC-8	748A	JE2955K	332	JE9214B	2357
IYY-BA301	1135	J775-1	5322										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
JK1033B	312	K1K5	125	K24DR	312	K44(2 Gate)	222	K117J460-1	113A	K791(14mmMOV)	2V480	KA2245(IC)	1541 ♦
JL40A	177	K1M5	125	K24E	312	K44(SGD)	257	K117J460-2	113A	K791(20mmMOV)	524V480	KA2251(IC)	1248
JLM-20	123A	K1V5	6415	K24F	312	K44BL(2 Gate)	222	K117O	458	K820(10mmMOV)	2V050	KA2261(IC)	1657
JLM284	955M	K1V6	6416	K24G	312	K44C(SGD)	457	K117Y	458	K820(14mmMOV)	2V050	KA2284(IC)	1561
JM40	177	K1V10	6417	K25	312	K44D(SGD)	457	K118(SGD)	458	K820(7mmMOV)	1V050	KA2410	1648
JM-40	177	K1V11	6418	K25C	312	K44R(2 Gate)	222	K1181	129	K820(5mmMOV)	1V050	KA2411	1649
JM401	177	K1V12	6419	K25D	312	K44W(2 Gate)	222	K118966-1	114	K882	109	KA2411(IC)	1646
JME-459	594	K1.3G22-1A	166	K25E	312	K45	456	K118966-2	115	K1033B(1 GATE)	312	KA2912(IC)	1522
JME-695	595	K1.3G22A	116	K25ET	312	K45(2 Gate)	454	K118966-4	115	K1050E	6417	KA2914A(IC)	1572
JME4195	1941	K2A5	116	K25F	312	K45B(2 Gate)	454	K1189663	115	K1100E	6418	KA2916(IC)	1413
JME8722	1768	K2B5	312	K25G	312	K45-B(2 Gate)	454	K119(SGD)	312	K1200E	6419	KA2921(IC)	1496
JME8723	1769	K2C5	116	K27(5mmMOV)	1V017	K45B09(2 Gate)	454	K119J804-5	177	K1504	464	KA3101	1639
JME8725	1770	K2C2P221B	166	K30(D,S,G1,G2)	222	K45B-09(2 Gate)	454	K120Y	312	K1615	113A	KA3704	1562
JN271	123A	K2D5	116	K30(SGD)	459	K45F	456 ♦	K121(14mmMOV)	2V075	K1616	114	KA4185	1637
JN16173	312	K2DP12	116(2)	K30(Y)(SGD)	459	K45H	456	K121(5mmMOV)	1V075	K1617	115	KA4412	159
JO3025	366	K2E5	116	K30-0(SGD)	459	K47(SGD)	457	K121(SGD)	459	K2001	107	KA4505-AM	1675
JO3030	367	K2F5	116	K30A(SGD)	459	K47(2 Gate)	454	K121(7mmMOV)	1V075	K2115	181	KA4555	1312
JO3040	367	K2G	116	K30A(D,S,G1,G2)	222	K47M(2 Gate)	454	K121(10mmMOV)	2V075	K2501	107	KA5102AN	1558
JO3055	368	K2G5	116	K30AD(SGD)	459	K47M(SGD)	457	K121J688-1	107	K2502	107	KA5255-R	1663
JO4070	352	K2H5	125	K30AG(SGD)	459	K49	312	K122	113A	K2503	107	KA5512-Q	1674
JO4075	352	K2K5	125	K30A-GR(SGD)	459	K49(2 Gate)	222	K122C	113A	K2509	107	KA5560N	1672
JP40	104	K3	109	K30AGR(SGD)	459	K49-0F(GSD)	451	K122D	114	K4002	107	KA5700	1618
JP5062	160	K3B5	116	K30A-O(SGD)	459	K49E(GSD)	451	K122J176-1	118	K9411A	229	KA5712	1618
JP5063	102A	K3C5	116	K30AY(SGD)	459	K49E2(GSD)	451	K122J176-2	118	K9682	159	KA6124	1561
JP5064	102A	K3D5	116	K30A-Y(SGD)	459	K49F(GSD)	451	K122J177P1	119	K24154	1142	KA7343P	1657
JP575005	110MP	K3E	112	K30B(SGD)	459	K49H(GSD)	451	K127	458	K75508-1	180	KA7410N	1560
JP575995	110MP	K3F5	116	K30B(D,S,G1,G2)	222	K49H1(GSD)	451	K141	466	K76026	1253	KA7910	1658
JR5	102A	K3G5	116	K30C(D,S,G1,G2)	222	K49H2(GSD)	451	K141A	466	K8532799	116(2)	KA11229	1575
JR10	160	K3H5	125	K30C(SGD)	459	K49H1(GSD)	451	K151(14mmMOV)	2V095	K8533058-1	116	KA11436	1650
JR15	102A	K3K5	125	K30D(SGD)	459	K49H1(1 Gate)	312	K151(10mmMOV)	2V095	K8533137	113A	KA11932	2317
JR30	160	K3M5	125	K30-GR(SGD)	459	K49I(1 Gate)	312	K151(5mmMOV)	1V095	KA0848	1665	KA12412	1559
JR30X	160	K4-500	158	K30-O(SGD)	459	K49M(1 Gate)	312	K151(7mmMOV)	1V095	KA33V(IC)	615A	KA12413	1559
JR40	104	K4-501	103A	K30R(SGD)	459	K49P(2 Gate)	222	K161	451	KA324A	987	KA12410	1580
JR100	160	K4-505	159	K30-R(SGD)	459	K49Q(GSD)	451	K161GR	451	KA501	519	KA5571H	1638
JR200	160	K4-506	123A	K30-Y(SGD)	459	K49Q(2 Gate)	222	K161Y	451	KA539	159	KA1153	2309
JRC386D	823	K4-510	108	K30Y(SGD)	459	K49R(2 Gate)	222	K163K	458 ♦	KA539-O	159	KA11382C	1616
JRC387D	824	K4-520	104	K31	312	K51(2 Gate)	455	K170	312	KA539R	159	KA11457	1666
JSP1675L	108	K4-521	104	K31C	312	K52	109	K170R	312	KA539Y	159	KA22152	867
JSP6009	242	K4-525	130	K32A	221	K54	312	K192(DSG)	312	KA542	159	KA2349	2201
JSP7001	123A	K4-550	109	K32B	221	K54B	451	K192GR(DSG)	312	KA542-O	159	KA2418	2206
JSP-7001	199	K4-555	116	K32C	221	K55(DSG)	312	K192Y(DSG)	312	KA542R	159	KA2577BV	1632
JSP7001B	123A	K4-557	116	K32D	221	K55C(DSG)	312	K195(GSD)	451	KA542Y	159	KA2611A	1566
JSP-7001B	199	K4A5	116	K33	451	K55D(DSG)	312	K200	116	KA545	159	KA2791	1652
JSP7001B(Preampl)	199	K4B5	116	K33(E)	116	K55DE(DSG)	312	K201(20mmMOV)	524V13	KA545G	159	KA3083	929
JSP7001J	123A	K4C5	116	K33(D,S,G1,G2)	222	K55E(DSG)	312	K201(10mmMOV)	2V130	KA545-O	159	KA33159	869
JSP7001L	123A	K4D5	116	K33(5mmMOV)	1V020	K55R(DSG)	312	K201(5mmMOV)	1V130	KA545R	159	KA33177A	863
JSP7001R	123A	K33B	451	K33B	451	K56(5mmMOV)	1V035	K201(14mmMOV)	2V130	KA545Y	159	KA33210	868
JSP7005	108	K4F5	116	K33D	451	K59(2 Gate)	222	K201(7mmMOV)	1V130	KA555	955M	KA33287	1569
JSP7006	108	K4G5	116	K33E	451	K59(SGD)	458	K220(14mmMOV)	2V014	KA556	978	KA33299A	3017
JSP7061B	229	K4H5	125	K33F	451	K59B(SGD)	458	K220(10mmMOV)	2V014	KA562-Y	290A	KA33410	1577
JST1501-1	421	K4K5	125	K33GR	451	K59BL(2 Gate)	222	K220(7mmMOV)	1V014	KA614	242	KA33651AQ	1567
JT-1601-40	123A	K4M5	125	K33H	451	K59GR(2 Gate)	222	K220(5mmMOV)	1V014	KA614R	242	KA44173	1731
JT-1601-41	112	K4N5	116	K34	459	K59GR1(2 Gate)	222	K241(7mmMOV)	1V150	KA634	187A	KA6345	1588
JT-E1014	109	K5B5	116	K34(E)	459	K59GR2(2 Gate)	222	K241(10mmMOV)	2V150	KA634-O	187A	KA7614AP	1654
JT-E1024D	116	K5C5	116	K34B	459	K59Y(2 Gate)	222	K241(5mmMOV)	1V150	KA634R	187A	KA7630P	1576
JT-E1031	109	K5D5	116	K34C	459	K60	109	K241(20mmMOV)	524V15	KA636	187	KA7658P	1571
JT-E1064	116	K5E5	116	K34CD	459	K60(2 Gate)	454 ♦	K241(14mmMOV)	2V150	KA636-O	187	KA7664AP	1573
JT-E1095	118	K5F5	116	K34D	459	K61	451	K270(5mmMOV)	1V017	KA636R	187	KA7668P	1651
JWD-107-1	F1A005A	K5G5	116	K34E	459	K61(2 Gate)	454	K270(14mmMOV)	2V017	KA642	159	KA7680AP	1572
JWD-107-3	F1A012A	K5H5	125	K34GR	459	K61GR	451	K270(10mmMOV)	2V017	KA642G	159	KA7681AP	1570
JWD-171-5	F1A024A	K5K5	125	K34P	459	K61Y	451	K270(7mmMOV)	1V017	KA642-O	159	KA8190BM	1633
JWD-171-21	F2A005Y	K5M5	125	K34S747	112	K66	459	K319(FET)	67	KA642Y	159	KA11042	2310
JWD-171-23	F2A012N	K6	109	K35(SGD)	451 ♦	K66Q	459	K330(10mmMOV)	2V020	KA643	159	KA11112	2308
JWD-171-24	F2A025Y	K10	312	K35(2 Gate)	454	K68	458	K330(5mmMOV)	1V020	KA643G	159	KA11148	2311
JZ5.6B	136A	K10(1 Gate)	312	K35-1(SGD)	312	K68A	458	K330(7mmMOV)	1V020	KA643-O	159	KA11218	1739
JZ6.2B	137A	K11(SGDC)	456	K35-2(SGD)	312	K68AK	458	K330(14mmMOV)	2V020	KA643R	159	KA11227	1565
JZ6.8B	5071A	K11-O(SGDC)	456	K35A(SGD)	312	K68AL	458	K383(FET)	66	KA643Y	159	KA11398	2302
JZ7.5B	138A	K11-R(SGDC)	456	K35BL(SGD)	312	K68AM	458	K390	221	KA707	159	KA11508	2300
JZ8.2B	5072A	K11-S(SGDC)	456	K35Y(2 Gate)	454	K68K	458	K390(7mmMOV)	1V025	KA707-O	159	KA11806	2315
JZ8.1B	139A	K12(SGDC)	456	K35C(SGD)	312	K68L	458	K390(10mmMOV)	2V025	KA707R	159	KA11896P	1687
JZ10B	140A	K12-GR(SGDC)	456	K35G(2 Gate)	454	K68M	458	K390(5mmMOV)	1V025	KA707Y	159	KA11922	2316
JZ11B	5074A	K12-O(SGDC)	456	K35GR(SGD)	312	K70(2 Gate)	454	K390(2 Gate)	221	KA708	129P	KA110829	2314
JZ12B	142A	K12-R(SGDC)	456	K35GR1(2 Gate)	454	K74(2 Gate)	455	K390(14mmMOV)	2V025	KA708-O	129P	KA111092	2330
JZ13B	143A	K13-GR(SGDC)	456	K35GR2(2 Gate)	454	K74M(2 Gate)	455	K391(10mmMOV)	2V250	KA708R	129P	KA113293	2332
JZ14B	144A	K15-GR(SGDC)	456	K35R(SGD)	312	K80(2 Gate)	455	K391(14mmMOV)	2V150	KA708Y	129P	KB58478P	1581
JZ15B	145A	K15-O(SGDC)	456	K35Y(SGD)	312	K82(5mmMOV)	1V050	K391(5mmMOV)	1V250	KA733	159	KAD11090	2307
JZ16B	5075A	K15-R(SGDC)	456	K35-Y(2 Gate)	454	K83(2 Gate)	455	K391(20mmMOV)	524V25	KA733G	159	KAH5802B	448B
JZ17B	5076A	K16(SGDC)	312	K37(2 Gate)	312	K83(GSD)	451	K391(7mmMOV)	1V250	KA733-O	159	KAH5805B	448E
JZ18B	5077A	K16H(SGD)	312	K37-O	454	K84(DGS)	451	K87	459	KA733R	159	KAH5807B	448G
JZ19B	5078A	K16H(SGD)	312	K37-2	454	K87H	459	K42B(FET)	66	KA733Y	159	KAL515-007A	201
JZ20B	5079A	K16H(SGD)	312	K37-3	454	K88(2 Gate)	455	K431(14mmMOV)	2V275	KA928	25	KAQ2222	2321
JZ22B	5080A	K16H(SGD)	312	K37-4	454	K88(2 Gate)	455	K431(5mmMOV)	1V275	KA928-O	25	KAQ2907	2322
JZ24B	5081A	K17(SGD)	312	K38(2 Gate)	222	K88K(2 Gate)	455	K431(7mmMOV)	1V275	KA928Y	25	KAQ8502	2320
JZ25B	5082A	K17(SGD)	312	K38E(2 Gate)	222	K89(2 Gate)	455	K431(10mmMOV)	524V27	KA931	129P	KA5403	5309
JZ27B	146A	K17-O(SGD)	312	K39P(2 Gate)	222	K95(2 Gate)	455	K431(10mmMOV)	2V275	KA931-O	129P	KA5405	5310
JZ30B	5084A	K17A(SGD)	312	K39P2(2 Gate)	222	K101(10mmMOV)	2V060	K470(5mmMOV)	1V030	KA931R	129P	KA5407	5311
JZ35B	147A	K17B(SGD)	312	K39Q(2 Gate)	222	K101(14mmMOV)	2V060	K470(10mmMOV)	2V030	KA931Y	129P	KA511065	2304
JZ36B	5085A	K17C(SGD)	312	K40(2 Gate)	221	K101(7mmMOV)	1V060	K470(7mmMOV)	1V030	KA1015-O	290A	KAS116321	5424
JZ39B	5086A	K17GR(SGD)	312	K40I(2 Gate)	221	K101(5mmMOV)	1V060	K480(14mmMOV)	2V030	KA1018C	1563	KAT1	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
KB265A	601	KBPC102	5313	KC1008	128P	KD2124	103	KLH4781	197	KS42A	140A	KSA643Y	159
KB265A(Rect)	116	KBPC104	5314	KC1008-O	128P	KD2130	222	KLH4792	107	KS42AF	140A	KSA643-Y	193
KB265E	605A	KBPC106	5315	KC1008R	128P	KD2501	140A	KLH4793	722	KS42B	140A	KSA707	159
KB265F	601	KBPC108	5316	KC1008Y	128P	KD2503	137A	KLH4794	781	KS42BF	140A	KSA707-O	159
KB-269	601	KBPC110	5317	KC1096	186A	KD2504	139A	KLH4795	726	KS44A	142A	KSA707R	159
KB269	601	KBPC602	5313	KC1096-O	186A	KD2505	142A	KLH5353	197	KS44AF	142A	KSA707Y	159
KB296	601	KBPC604	5314	KC1096R	186A	KD6311	1046	KLH5489	718	KS44B	142A	KSA708	129P
KB462E	605A	KBPC606	5315	KC1098	186	KDC-80P11/1912/1	506	KLH5807	128	KS44BF	142A	KSA708-O	129P
KB462F	607	KBPC608	5316	KC1098-O	186	KDD-0013	109	KLH5808	129	KS46	145A	KSA708R	129P
KB546	398	KBPC610	5317	KC1098R	186	KDD0015	5018A	KLN212HP	3172	KS46AF	145A	KSA708Y	129P
KB546-O	398	KBPC802	5313	KC1187	108	KDD0032	116	KLN3126P	3173	KS46BF	145A	KSA733	159
KB546R	398	KBPC802T	5322	KC1187-O	108	KDD0041	519	KLN412YP	3174	KS100A	140A	KSA733-O	159
KB564A	129P	KBPC804	5314	KC1187R	108	KDR812	552	KLN7202P	3156	KS100B	140A	KSA733G	159
KB564A-O	129P	KBPC804T	5324	KC1188	108	KDR814	552	KLN7302P	3157	KS110A	5074A	KSA733-O	159
KB564AY	129P	KBPC806	5315	KC1188-O	108	KDR816	552	KLN7402P	3158	KS120A	142A	KSA733R	159
KB4402	788	KBPC806T	5326	KC1188R	108	KDR818	558	KLK114E	3018	KS120B	142A	KSA733Y	159
KB4409	1226	KBPC808	5316	KC1213	123AP	KDS1553	177	KLK114F	3018	KS130A	143A	KSA733-Y	159
KB-4409	801	KBPC808T	5327	KC1213-O	123AP	KDS1554	177	KM858C	1198	KS150A	145A	KSA735-O	159
KB8339	123A	KBPC810T	5328	KC1213R	123AP	KDS1555	177	KM917E	123AP	KS150B	145A	KSA838A	123AP
KBD005	5304	KBPC1005	5312	KC1213Y	123AP	KDT1411	94	KM917F	123AP	KS160A	5075A	KSA838A-O	123AP
KBD02	5304	KBPC2508	5327	KC1330	123AP	KE-262	116	KM917G	123AP	KS180A	5077A	KSA838AR	123AP
KBD04	5304	KBPC2510	5328	KC1330G	123AP	KE-1007	108	KM918E	108	KS1520-O	198	KSA838AY	123AP
KBD06	5305	KBPC6005	5312	KC1330-O	123AP	KE1007-0004-00	129	KM918F	108	KS167A	108	KSA928	25
KBD08	5306	KBPC8005	5312	KC1330Y	123AP	KE3684	457	KM562A	1253	KS2030A	5065A	KSA928-O	25
KBD10	5307	KBPC8005T	5322	KC1393A	69	KE3685	457	KN2222	123AP	KS2033A	5066A	KSA928Y	25
KBF005	5309	KBPS-02-10	5332	KC1393A-O	69	KE3687	457	KN2907	159	KS2033B	5005A	KSA928YT	25
KBF02	5309	KBPS-04-10	5332	KC1393AR	69	KE3970	467	KN3903	123AP	KS2036A	134A	KSA931	129P
KBF-02	125(4)	KBPS-06-10	5332	KC1394	69	KE4091	467	KN3904	123AP	KS2036A	5067A	KSA931-O	129P
KBF04	5310	KBPS-08-10	5334	KC1394A-O	69	KE4220	457	KN3905	159	KS2039B	134A	KSA931R	129P
KBF06	5310	KBPS-10-10	5334	KC1394AR	69	KE4391	467	KN3906	159	KS2043A	5068A	KSA931Y	129P
KBF08	5311	KBU4A	5329	KC1395	108	KE4416	312	KN4400	123AP	KS2047A	5069A	KSA1015-Y	290A
KBF10	5311	KBU4B	5329	KC1395R	108	KE4856	467	KN4401	123AP	KS2047B	135A	KSA1015-Y	290A
KBF15-005	5322	KBU4D	5329	KC1396	108	KE4859	467	KN4402	159	KS2051A	135A	KSA1102	37
KBF15-01	5322	KBU4G	5330	KC1396R	108	KE5103	457	KN4403	159	KS2051B	135A	KSA1103	37
KBF15-02	5322	KBU4J	5330	KC1400	194	KE5105	312	KN6676	386	KS2056A	136A	KSA1104	37
KBF15-04	5324	KBU6A	5329	KC1507	376	KE8841	289A	KO-09D-336-930	7486	KS2056B	136A	KSA1105	37
KBF15-06	5326	KBU6B	5329	KC1507-O	376	KF508	128	KO-09D-336-931	7490	KS2062A	137A	KSA1106	37
KBF15-08	5327	KBU6D	5329	KC1507R	376	KF517	129	KO-09D-336-932	74S113	KS2062B	137A	KSA1135	391#
KBF15-10	5328	KBU6G	5330	KC1520	376*	KGE41007	116	KO-09D-336-933	9666	KS2068A	5071A	KSA1520	198
KBF25-005	5322	KBU6J	5330	KC1520-O	376*	KGE41054	128	KO-09D-336-936	9665	KS2075A	138A	KSB506	332
KBF25-01	5322	KC0-8	116	KC1520R	376*	KGE41055	123	KO-09D-336-938	7414	KS2082A	5072A	KSB506-O	332
KBF25-02	5322	KC0-8P11/H12/1	116(3)	KC1674	108	KGE41061	186	KO-09D-435-023	9667	KS2091A	139A	KSB506R	332
KBF25-04	5324	KC08E11/8	116	KC1674-O	108	KGE41414	293	KO-09D-435-026	9681	KS2091B	139A	KSB546	398
KBF25-06	5326	KC08C215	116	KC1674R	108	KGE41441	283	KO-09D-443-305	252	KS2100A	140A	KSB546-O	398
KBF25-08	5327	KC08C221	116	KC1675	123AP	KGE41959	109	KO-09D-443-306	251	KS2100B	140A	KSB546R	398
KBF25-10	5328	KC-08C221	116(4)	KC1675-O	123AP	KGE46096	125	KO-09D-443-307	210	KS-2105.L1	5360	KSB546-Y	398
KBF35-005	5340	KC08C1110	116	KC1675R	123AP	KGE46109	177	KO-09D-443-513	288	KS2110A	5074A	KSB564A	129P
KBF35-01	5340	KC08C2219	166	KC1675Y	123AP	KGE46146	199	KO-09D-443-514	6409	KS2120A	142A	KSB564A(EBC)	294
KBF35-02	5340	KC08C1111	116(3)	KC1730	107	KGE46147	85	KO-09D-443-536	5072A	KS2117A	142A	KSB564A(Y)	294
KBF35-04	5342	KC08CP121	116(3)	KC1730-O	107	KGE46246	1135	KO-09D-443-537	139A	KS2130A	143A	KSB564AY	129P
KBF35-06	5342	KC-0691L/8	116	KC1730R	107	KGE46253	152	KO-09D-443-702	9677	KS2150A	145A	KSB564A-Y(EBC)	294
KBF35-08	5344	KC08911	116	KC1815-GR	85	KGE46259	1155	KO-09D-443-704	123A	KS2150B	145A	KSB564A(YEBC)	294
KBF35-10	5344	KC1-3C	116	KC1815-Y	107	KGE46272	1082	KO-09D-504-203	5313	KS160A	5075A	KSB564-Y(EBC)	294
KBH005	5340	KC1-3C3X11/1	116(3)	KC1850-O	85	KGE46274	1082	KO-09D-504-211	9691	KS2160A	1693	KSB564A(Y)	294
KBH02	5340	KC1-3C	116	KC2310	399	KGE46276	1049	KO-09D-999-901	519	KS5804N	1693	KSC184G	123AP
KBH04	5342	KC1-3G12/1X2	116	KC2310-O	399	KGE46278	801	KO-09D-999-912	129	KS5805A	1691	KSC184-O	123AP
KBH06	5342	KC1-3G22/12	116	KC2310R	399	KGE46296	5018A	KO-09D-999-914	116	KS5805AN	1691	KSC184R	123AP
KBH08	5344	KC2AP221B	166	KC2310Y	399	KGE46297	5018A	KO-09D-999-915	9680	KS5805B	1692	KSC184Y	123AP
KBH10	5344	KC2AP221B	166	KC2328	24	KGE46338	85	KO-09D-999-916	1692	KS5805BN	1692	KSC185	123AP
KBH12	5344	KC2AP221B	166	KC2328-O	24	KGE46339	85	KPD410	94	KS5808	1690	KSC185-O	123AP
KBH25-05	5322	KC2D221	116	KC2328Y	24	KGE46349	85	KPD411	94	KS5808N	1690	KSC185G	123AP
KBH2502	5322	KC2D221	116	KC2330	399	KGE46435	157	KPD410A	94	KS5809-L5	7416	KSC185-O	123AP
KBH2504	5324	KC2D211/1412/1	116	KC2330-O	399	KGE46436	157	KPD410B	130	KS5809B	1690	KSC185Y	123AP
KBH2506	5326	KC2D211/1412/1	116	KC2330R	399	KGE46442	1234	KPD4109	398	KS2003L2	219	KSC185-Y	123AP
KBH2508	5328	KC2D212/1	116(2)	KC2330Y	399	KGE46465	177	KPG6682	123A	KS20180-L1	128	KSC185Y	123AP
KBH2510	5328	KC2D212/1N	116	KC2331	24	KGE46507	123A	KR-Q0001	102A	KS20967-L1	7400	KSC185Y	123AP
KBL005	5318	KC2D222/1B	116(4)	KC2331-O	24	KGE46550	1226	KR-Q0002	102A	KS20967-L2	7404	KSC185Y	123AP
KBL01	5318	KC2D222/1B	116	KC2331Y	24	KGE46551	1226	KR-Q0003	102A	KS20967-L3	7408	KSC185Y	123AP
KBL02	5318	KC2D222/1B	116	KC2331Y	24	KGE46552	1226	KR-Q0004	102A	KS20967-L4	7495	KSC185Y	123AP
KBL04	5319	KC2D222/1B	116	KC2331Y	24	KGE46553	1226	KR-Q0005	109	KS20967-L5	7499	KSC185Y	123AP
KBL06	5319	KC2D222/1B	116	KC2331Y	24	KGE46554	1226	KR-Q0006	109	KS20967-L6	7499	KSC185Y	123AP
KBL08	5320	KC2D222/1B	116	KC2331Y	24	KGE46555	1226	KR-Q0007	109	KS20967-L7	7499	KSC185Y	123AP
KBL10	5320	KC2D222/1B	116	KC2331Y	24	KGE46556	1226	KR-Q0008	109	KS20967-L8	7499	KSC185Y	123AP
KBP005	166	KC2G	177(3)	KC2D222/1B	116	KGE46557	1226	KR-Q0009	109	KS20967-L9	7499	KSC185Y	123AP
KBP-005	166	KC2G	177(3)	KC2D222/1B	116	KGE46558	1226	KR-Q0010	102A	KS20967-L10	7499	KSC185Y	123AP
KBP02	167	KC2G11/1 12/1	116	KC2D222/1B	116	KGE46559	1226	KR-Q0011	102A	KS20967-L11	7499	KSC185Y	123AP
KBP04	168	KC13C221	116	KC2D222/1B	116	KGE46560	1226	KR-Q0012	102A	KS20967-L12	7499	KSC185Y	123AP
KBP06	169	KC147	113A	KC2D222/1B	116	KGE46561	1226	KR-Q0013	102A	KS20967-L13	7499	KSC185Y	123AP
KBP08	170	KC148	123AP	KC2D222/1B	116	KGE46562	1226	KR-Q0014	102A	KS20967-L14	7499	KSC185Y	123AP
KBP10	170	KC148	123AP	KC2D222/1B	116	KGE46563	1226	KR-Q0015	102A	KS20967-L15	7499	KSC185Y	123AP
KBPC005	5312	KC184	123AP	KC2D222/1B	116	KGE46564	1226	KR-Q0016	102A	KS20967-L16	7499	KSC185Y	123AP
KBPC02	5313	KC184G	123AP	KC2D222/1B	116	KGE46565	1226	KR-Q0017	102A	KS20967-L17	7499	KSC185Y	123AP
KBPC04	5314	KC184R	123AP	KC2D222/1B	116	KGE46566	1226	KR-Q0018	102A	KS20967-L18	7499	KSC185Y	123AP
KBPC06	5316	KC184Y	123AP	KC2D222/1B	116	KGE46567	1226	KR-Q0019	102A	KS20967-L19	7499	KSC185Y	123AP
KBPC10	5317	KC388A	85	KC2D222/1B	116	KGE46568	1226	KR-Q0020	102A	KS20967-L20	7499	KSC185Y	123AP
KBPC10-005	5322	KC581C	1258	KC2D222/1B	116	KGE46569	1226	KR					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
KSC1213	123AP	KSD1055	130	KTA1013	32	KTC9013AF	123AP	KU1012R	6163	L120	936	L5181	160
KSC1213-O	123AP	KSD1056	130	KTA1013-O	32	KTC9013AG	123AP	KU1014	6162	L120A	936	L5630	615A
KSC1213R	123AP	KSD1057	280	KTA1013R	32	KTC9013AH	123AP	KU1014K	432/6162	L121	939	L7805CT	931
KSC1213Y	123AP	KSD1058	280	KTA1013Y	32	KTC9013AI	123AP	KU1014KR	6163/432	L121A	939	L7805CV	960
KSC1222(EB)	199	KSD2201	280	KTA1015	290A	KTC9013E	85	KU1014R	6163	L123B1	923D	L7808CV	964
KSC1330	123AP	KSD2202	280	KTA1015-O	290A	KTC9013F	85	KU1502	6154	L123CB	923D	L7812CT	1914
KSC1330G	123AP	KSD2203	181	KTA1015Y	290A	KTC9013G	85	KU1502K	432/6154	L123CT	923	L7812CV	966
KSC1330-O	123AP	KSD3055	181	KTA1173	152	KTC9013H	85	KU1502KH	432/6155	L123-T1	923	L7815CT	1916
KSC1330Y	123AP	KSD4150	287	KTA1173-O	152	KTC9013I	85	KU1502K	6155	L129	960	L7815CV	968
KSC1393A	69	KSD9701	284	KTB595	55	KTC9014	85	KU1504	6154	L130	966	L7815CZK	1916
KSC1393A-O	69	KSD9701A	284	KTB595-O	55	KTC9014A	123AP	KU1504K	432/6154	L131	968	L7818CT	1920
KSC1393AR	69	KSD9702	284	KTB595R	55	KTC9014AA	123AP	KU1504KR	432/6155	L-141-B1	941D	L7818CV	958
KSC1394A	69	KSD9702A	284	KTB595Y	55	KTC9014AB	123AP	KU1504R	6155	L141T1	941	L7824CT	1924
KSC1394A-O	69	KSD9703	284	KTB596	292	KTC9014AC	123AP	KU1506	6156	L148T1	1171	L7824CV	972
KSC1394AR	69	KSD9703A	284	KTB596-O	292	KTC9014B	85	KU1506K	432/6156	L148T2	1171	L7824CZK	1924
KSC1395	108	KSD9704	284	KTB596R	292	KTC9015	159	KU1506KR	432/6157	L159	912	L7905CT	1913
KSC1395R	108	KSD9705	284	KTB686	37	KTC9015A	159	KU1506S	6157	L200E5	5655	L7905CZK	1913
KSC1396	108	KSD9706	284	KTB686-O	37	KTC9015A(CEB)	290A	KU1508	6158	L200E7	5655	L7912CT	1915
KSC1396R	108	KSD9707	284	KTB686R	37	KTC9015AA	159	KU1508K	432/6158	L200E9	5655	L7912CV	1919
KSC1400	194	KSKE12C500	125	KTB688	37	KTC9015AB	159	KU1508KR	432/6159	L201	2011	L7915CZK	1919
KSC1507	198	KSKE40C200	116	KTB688-O	37	KTC9015B(CEB)	290A	KU1508R	6159	L201B	2011	L7918CT	1923
KSC1507-O	198	KSKE40C500	116	KTB688R	37	KTC9016	107	KU1510	6158	L201B-4	2011	L-30387	5455
KSC1507A	198	KSKE125C200	125	KTB755	34	KTC9016E	107	KU1510K	432/6158	L202	2012	B85436	1777
KSC1507A-O	198	KSO33A	134A	KTB755-O	34	KTD525R	54	KU1510KR	432/6159	L202B	2012	L-61209	7408
KSC1507A-O	198	KSO33B	134A	KTB755R	34	KTD525R	54	KU1510R	6159	L202B-4	2012	L-612106	7425
KSC1507AY	198	KSO36A	134A	KTB834	153	KTD525Y	54	KU2402E	6354	L203	2013	L-612107	7432
KSC1507AY-R	198	KSO39A	134A	KTB834-O	153	KTD526	291	KU2402ER	6355	L203B	2013	L-612150	74153
KSC1507K	198	KSO39B	134A	KTB834Y	153	KTD526-O	291	KU2402F	6354	L203B-4	2013	L-612158	7416
KSC1507L	198	KSO47A	135A	KTB834Y	153	KTD526Y	291	KU2402KR	6355	L204	2014	L-612161	74164
KSC1507O	198	KSO47B	135A	KTC200	85	KTD716	36	KU2404E	6354	L204B	2014	L2091241-2	160
KSC1507-O	198	KSO51A	135A	KTC200-O	85	KTD716-O	36	KU2404ER	6355	L204B-4	2014	L2091241-3	160
KSC1507R	198	KSO56A	136A	KTC200Y	85	KTD716R	36	KU2404K	6354	L293	1749	L532000162	128
KSC1507-Y	198	KSO56B	136A	KTC380TM-O	107	KTD716R	36	KU2404KR	6355	L293B	1749	LA1200	1003
KSC1520	198	KSO62A	137A	KTC380TM-R	107	KTD718-O	36	KU2406E	6357	L295	1750	LA1300	116
KSC1520-O	198	KSO91A	139A	KTC382(CEB)	229	KTD718R	36	KU2406ER	6357	L296	1681	LA600	116
KSC1520R	198	KSP1171	328	KTC388A	107	KTD845	33	KU2406K	6356	L296H-05	1681	LA703E	703
KSC1520Y	198	KSP1172	328	KTC388ATM	85	KTD845-O	33	KU2406KR	6357	L296H-5V	1681	LA741HC	941
KSC1674	108	KSP1173	328	KTC732TM	199	KTD845R	33	KU2406S	6358	L296H-12	1681	LA800	116
KSC1674-O(BCE)	107	KSP1174	328	KTC732TM-GR	199	KTD880	152	KU2406ER	6359	L296H-2V	1681	LA1241	1013
KSC1674-O	108	KSP1175	328	KTC790-Y	152	KTD880-O	152	KU2408K	6358	L296HT	1681	LA1110	1014
KSC1674R	108	KSP1176	328	KTC1173-O	152	KTD880-Y	152	KU2408KR	6359	L296K	1681	LA1111	1002
KSC1675	123AP	KT205	501B	KTC1569	376	KTD880Y	152	KV-1	102A	L400E5	5656	LA111P	1002
KSC1675-O	123AP	KT205/200	5633	KTC1627	382	KTD880Y	152	KV-2	102A	L400E6	5656	LA1130	1003
KSC1675-O	123AP	KT209A	159	KTC1627A	382	KTD880Y	152	KV2	102A	L400E9	5656	LA1130AK	1533
KSC1675R	123AP	KT209D	159	KTC1627AO	382	KTK30A(SGD)	459	KV3(1)	601	L-417-29BLK	121	LA1140	1604
KSC1675Y	123AP	KT209E	159	KTC1627AY	382	KTK30AO(SGD)	459	KV4	102A	L-417-29GRN	121	LA1150	1541
KSC1730	107	KT209G	159	KTC1627-Y	382	KTK30AR(SGD)	459	KV-1	102A	L-417-29WHT	121	LA1150AC	1541
KSC1730-O	107	KT209H	159	KTC1815	85	KTK30AY(SGD)	459	KV109G	612	L532008 012	128	LA1160AM	1578
KSC1730R	107	KT209K	159	KTC1815-O	85	KTK117	458	KV110E	613	L1260CC	2080	LA1200	1003
KSC1730Y	289A	KT209L	159	KTC1815BL	85	KTK117GR	458	KV110V	613	L1264CC	2081	LA1201	1003
KSC2310	399	KT209M	159	KTC1815-D	85	KTK117-O	458	KV112	611	L1270CC	2082	LA1201(C)	1003
KSC2310-O	399	KT209RB	159	KTC1815GR	85	KTK117Y	451	KV12	611	L1287CC	2084	LA1201B	1003
KSC2310R	399	KT209S	159	KTC1815GR	85	KTK117Y	451	KV20	610	L2001L3	5638	LA1201-B2	1003
KSC2310Y	399	KT209U	159	KTC1815Y	85	KTK116GR	451	KV620	611	L2001L5	5638	LA1201B2	1003
KSC2328	24	KT209V	159	KTC1815Y	85	KTK161Y	451	KV624	611	L2001L9	5638	LA1201C-W	1003
KSC2328-O	24	KT313A	159	KTC-1815Y	85	KTK192A(DSG)	312	KV826	612	L2001M3	5651	LA1201FM-C	1003
KSC2328Y	24	KT313B	159	KTC1815Y	85	KTK192A(DSG)	312	KV826	612	L2001M4	5651	LA1201W	1003
KSC2330	399	KT313C	159	KTC1923B(CEB)	229	KTK192A(DSG)	312	KV826	612	L2001M5	5651	LA1201Y	1003
KSC2330-O	399	KT313D	159	KTC1923-O	107	KTL9213	3169	KV1236	618(2)	L2001M6	5651	LA1222	1227
KSC2330R	399	KT501A	159	KTC1923-O	107	KTL9213	3170	KV4801	610	L2001M7	5651	LA1230	788
KSC2330Y	399	KT501B	159	KTC1923R(CEB)	229	KTL9213	3171	KV4801A	610	L2001M8	5651	LA1230P	788
KSC2331	24	KT501C	159	KTC1923R(CEB)	229	KTL9213	3171	KVR10	140A	L2001M9	5651	LA1230Z	788
KSC2331-O	24	KT501D	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2004F31	5629	LA1231	1441
KSC2331Y	24	KT501E	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2004F51	5629	LA1231AT	1441
KSC2331YT	24	KT501F	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2004F71	5629	LA1231N	1441
KSC2577	36	KT501G	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2004F91	5629	LA1240	1214
KSC2578	36	KT501H	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2004L3	5638	LA1245	1608
KSC2580	36	KT501I	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2004L7	5638	LA1310	1230
KSC2581	36	KT501J	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2004L9	5638	LA1320	1443
KSC2665	390#	KT501K	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2005CT	931	LA1320A	1443
KSD73	331	KT501L	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2005CV	960	LA1320AM	1443
KSD73-O	331	KT501M	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2006L6	5638	LA1342	710
KSD73R	331	KT501N	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2006L7	5638	LA1352	1186
KSD73Y	54	KT501O	159	KTC1923R(CEB)	229	KTL9213	3171	KZ6A	5071A	L2006L9	5638	LA1353	1080
KSD227	123AP	KT3102A	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1354	1187
KSD227G	123AP	KT3102B	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L7	5638	LA1355	1215
KSD227-O	123AP	KT3102D	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L9	5638	LA1357	1483
KSD227Y	123AP	KT3102E	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357A	1483
KSD261	123AP	KT3102G	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357AR	1483
KSD261G	123AP	KT3102H	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357N	1483
KSD261-O	123AP	KT3102I	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357NB	1483
KSD261Y	123AP	KT3102J	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357R	1483
KSD261Y	123AP	KT3102K	123A	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357T	1483
KSD288	241	KT3107G	159	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357V	1483
KSD288R	241	KT3107H	159	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357W	1483
KSD362	54	KT3107I	159	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357X	1483
KSD362N	54	KT3107J	159	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	5638	LA1357Y	1483
KSD362-O	54	KT3107K	159	KTC2229Y	399	KTL9213	3171	KZ6A	5071A	L2006L13	563		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
LA2101	1447	LA5700	1531	LB1515AM	1662	LED55B	3028	LM78L15ACH	951	LM319K	919	LM340U8	964
LA2101AC	1447	LA5700AT	1531	LB2000	9946	LED55C	3028	LM78L15ACZ	951	LM319N	919D	LM340U12	968
LA2800	1439	LA6324	987	LB2001	9962	LED56	3028	LM78L15AGZ	951	LM320K-5.0	1913	LM340U15	972
LA2600AT	1439	LA6339	834	LB2002	9930	LED56F	3028	LM78L15CH	951	LM320K-5.0	1913	LM340U24	964
LA2600S	1439	LA6358	928M	LB2003	9932	LED-1500S	9914	LM78L15CZ	951	LM320K-12	1915	LM341	964
LA3018	904	LA6358S	928S	LB2004	9944	LED2108S	9910	LM78L18ACHZ	1906	LM320K12	1915	LM341-5	960
LA3018A	904	LA6393	943M	LB2005	9933	LED21092	9951	LM78L18CZ	1906	LM320K-15	1919	LM341-6	962
LA3026	906	LA6393D	943M	LB2006	9936	LF347N	859	LM78L24ACZ	1908	LM320K15	1919	LM341-12	968
LA3045	912	LA6458A	778A	LB2007	9935	LF351N	857M	LM78L24CZ	1908	LM320K-18	1923	LM341-15	968
LA3046	912	LA6458D	778A	LB2030	9945	LF353AN	858M	LM78M05CP	960	LM320K-18	1923	LM341-24	972
LA3049	906	LA6458S	1529	LB2031	9093	LF353BN	858M	LM78M05CT	960	LM320K24	1925	LM341P5.0	960
LA3086	912	LA7040	1558	LB2032	9099	LF353N	858M	LM78M06CP	962	LM320K-24	1925	LM341P-5.0	960
LA3101	1221	LA7506	1542	LB2100	9949	LF355	857M	LM78M06CT	962	LM320KBZ-18	1923	LM341P-6.0	962
LA3115	1453	LA7506AR	1542	LB2101	9963	LF355AH	937	LM78M08CP	964	LM320LZ-18	1903	LM341P8.0	964
LA3115AK	1453	LA7507	1542	LB2102	9961	LF355AL	937	LM78M08CT	964	LM320LZ-12	1903	LM341P12	966
LA3120	1457	LA7520	1728	LB2106	9937	LF355AN	937M	LM78M12CP	966	LM320LZ-15	1905	LM341-12	968
LA3120AT	1457	LA7520AM	1728	LB2130	9948	LF355AP	937M	LM78M12CT	966	LM320LZ-15	1905	LM341-12	968
LA3122	1455	LA7520N	1728	LB2131	9904	LF355AT	937	LM78M12CT	966	LM320LZ-15	1905	LM341P15	968
LA3122AK	1455	LA7601	1673	LB2132	9097	LF355BN	937M	LM78M12CT	966	LM320LZ-18	1907	LM341P-24	972
LA3130	1449	LA7601G	1673	LB3000	7400	LF355BP	937M	LM78M18CP	958	LM320LZ-18	1907	LM342P5.0	960
LA3130AM	1449	LA7601RW	1673	LB3001	7410	LF355DE	937M	LM78M18CT	958	LM320LZ-18	1907	LM342P6.0	960
LA3133	1451	LA7601W	1673	LB3001 (Fanon)	1016	LF355H	937	LM78M24CP	972	LM320LZ-18	1907	LM342P12	966
LA3133AR	1451	LA7800	1538	LB3002	7420	LF355J	937M	LM78M24CT	972	LM320LZ-18	1907	LM342P15	966
LA3148	727	LA7800AT	1538	LB3003	7420	LF355JG	937	LM79L05A	1917	LM320MP-24	971	LM342P12	966
LA3150	1459	LA7800R	1538	LB3004	7450	LF355L	937	LM79L05A	1917	LM320MP-5.0	961	LM342P15	966
LA3150AC	1459	LA7802	1539	LB3005	7460	LF355N	937M	LM79L05AC	1917	LM320T5.0	961	LM348	948
LA3155	1215	LA7802AM	1539	LB3006	7404	LF355P	937M	LM79L05ACZ	1917	LM320T-6.0	963	LM348D	948SM
LA3160	1170	LA7806	1540	LB3008	7402	LF355T	937	LM79L06	977	LM320T-6.0	963	LM348DN1	948SM
LA3161	1170	LA7806AC	1540	LB3009	7402	LF355T	937	LM79L06	977	LM320T-6.0	965	LM348J	948
LA3201	1179	LA7910	1658	LB3060	7480	LF355AH	937	LM79L15	951	LM320T12	967	LM348M	948SM
LA3210	1466	LA7910AM	1658	LB3150	7490	LF356AN	937M	LM79M05CP	961	LM320T-12	967	LM348N	948
LA3210AS	1466	LA7920	1708	LB3175	7491	LF356AT	937M	LM79M06CP	963	LM320T-15	969	LM350K	970
LA3220	1634	LA40511	1150	LB8555D	955M	LF356BN	937M	LM79M06CP	963	LM320T-15	969	LM350KCG	970
LA3300	1005	LA4400Y	1211	LB8555S	955S	LF356DE	937	LM79M15CP	969	LM320T-24	971	LM358AH	928
LA3301	1006	LA4300	116	LC0.09M1115	116(2)	LF356H	937	LM201AH	1171	LM320T24	971	LM358AN	928M
LA-3301	1006	LA600	116	LC4001B	4001B	LF356J	937M	LM201AL	1171	LM323K	931	LM358AT	928M
LA3301A	1006	LA800	116	LC4001BP	4001B	LF356JG	937M	LM201AL	1171	LM323K	931	LM358D	928SM
LA3310	1230	LAB1363	712	LC4011B	4011B	LF356H	937	LM201AH	1171	LM324AD	987	LM358DN1	928SM
LA3311	1225	LAD011	1120	LC4011B	4011B	LF356N	937M	LM224AD	987	LM324AF	987	LM358H	928
LA3350	1217	LAD-011	1120	LC4066B	4066B	LF356P	937M	LM224AF	987	LM324AJ	987	LM358J	928M
LA3350A	1217	LAD011	1120	LC4069UB	4069	LF356T	937	LM224AJ	987	LM324AN	987	LM358JG	928M
LA3350B	1217	LAP-011	1000	LC4071B	4071B	LF357AH	937	LM224AN	987	LM324D	987	LM358L	928
LA3350P	1217	LAP011	1000	LC4081B	4081B	LF357AL	937	LM224AN	987	LM324D(SOIC)	987SM	LM358M	928SM
LA3350S	1217	LAP-012	1000	LC6801TY	6800	LF357AN	937M	LM224J	987	LM324J	987	LM358N	928M
LA3350SS	1217	LAS14CB	934	LC6801TY	6810	LF357AP	937M	LM224N	987	LM324N	987	LM358P	928M
LA3370	1461	LAS15A05	931	LC6802TY	6802	LF357AT	937	LM239AD	834	LM324N-14	987	LM358T	928
LA3370AT	1461	LAS15A12	934	LC6810TY	6810	LF357BF	937	LM239AD	834	LM336Z2.5	952	LM359J	869
LA4030	1008	LAS15CB	934	LC6810TY	6810	LF357BF	937	LM239AN	834	LM336Z2.5T	952	LM359N	869
LA4030P	1009	LAS15CB	934	LC6851TY	6850	LF357BR	937	LM301	1171	LM337K	1911	LM370	370AS
LA4031P	1010	LAS19CB	934	LC6875TY	6875	LF357DE	937M	LM301AD	975SM	LM337KC	957	LM371	OBS-NLA
LA4032P	1011	LAS723	923	LC6880TY	6880	LF357H	937	LM301AG	1171	LM337KCG	957	LM373N	800
LA4050P	1150	LAS723B	923	LC6889TY	6889	LF357J	937M	LM301AH	1171	LM337KZ-AB	1911	LM376N	1930
LA4051P	1150	LAS1405	931	LC7120	1536	LF357JG	937M	LM301AL	1171	LM337LBZ	1901	LM377	990
LA4100	1180	LAS1415	1918	LC7120AT	1536	LF357L	937	LM301AN	975	LM337LZ	1901	LM377KC	957
LA4101	1180	LAS1415	1918	LC7131	1475	LF357MF	937M	LM301AN-8	975	LM337MT	957	LM377N	990
LA4102	1228	LAS1505	931	LC7131AR	1475	LF357MR	937M	LM301AP	975	LM337T	957	LM378	804
LA4110	1472	LAS1512	1914	LC7131C	1475	LF357N	937M	LM301AP1	975	LM337TW	957	LM378N	804
LA4110AK	1472	LAS1518	1916	LC7250AT	1537	LF357P	937M	LM301AT	975	LM338K	935	LM380	740A
LA4112	1463	LAS1524	1924	LC7250AT	1537	LF357T	937	LM301AV	975	LM339	834	LM380N	740A
LA4112AC	1463	LAS1524	1924	LC75188TY	75188	LF411ACH	937	LM301DN1	975SM	LM339AD	834	LM381	942
LA4125	1382	LAS1605	931	LC75189TY	75189	LF411ACN	937M	LM302AH	924	LM339AJ	834	LM381A	942
LA4125AM	1382	LAS1612	1912	LC0.09M1113	506	LF411CH	937	LM305H	1928	LM339AN	834	LM381AN	942
LA4125T	1382	LAS1612	1912	LD30-1	3007	LF411CN	937M	LM305H-LZ	1928	LM339B	834SM	LM381BR	942
LA4126	1382	LAS1815	1919	LD30B	3007	LF13331N	861	LM307AN-8	976	LM339DB	834	LM381N	942
LA4126T	1382	LAS1815	1919	LD30B	3007	LF13331N-1	861	LM307H	937	LM339J	834	LM383	1232
LA4140	1465	LAS1818	1923	LD37-1	3010	LF13331N-2	861	LM307J	976	LM339N	834	LM383T	1232
LA4140AT	1465	LAS1924	925	LD40-1	3025	LF1740A	940S	LM307J-14	941D	LM340-05T	960	LM384BC2	862
LA4142	1477	LAS1912	933	LD40-1	3025	LF1740AC	940S	LM307N	976	LM340-5(TO-3)	309K	LM384N	862
LA4170K	1477	LB189-308484	163A	LD40-11	3025	LF1501W	65101	LM307P	976	LM340-12(TO-3)	1914	LM384NC2	862
LA4170AK	1477			LD40-11	3025	LF16055W	7405	LM308AH	938	LM340-15T	968	LM385BZ-2.5	952
LA4175	1481	LB1231	2011	LD41A	3025	LJ00002	37	LM308AJ-8	938M	LM340DA5	309K	LM386	823
LA4175AM	1481	LB1232	2012	LD41-1	3025	LJ00002	107	LM308AN	938M	LM340K-5	309K	LM386A	823
LA4185T	1637	LB1233	2013	LD41-11	3025	LJ00032	36	LM308AT	938	LM340K5.0	309K	LM386AN	823
LA4185TM	1667	LB1234	2014	LD50-1	3025	LJ00047	184	LM308D	938M	LM340K12	1914	LM386N	823
LA4192	1667	LB1260	2080	LD50-1	3025	LJ00098	55	LM308H	938	LM340K-12	1914	LM386N-1	745
LA4192AC	1667	LB1260LB	2080	LD50-11	3025	LJ152	159	LM308J-8	938M	LM340K-15	1916	LM386N-1	745
LA4192S	1667	LB1261	2081	LD50-11	3025	LJ152	159	LM308N	938M	LM340K15	1916	LM386N-3	823
LA4201	1470	LB1264LB	2081	LD52-1	3022	LJ152(0)	159	LM308T	938	LM340K18	1920	LM387	824
LA4201AC	1470	LB1272	2082	LD52-2	3023	LJ152B	159	LM309DA	309K	LM340K-18	1920	LM387AN	824
LA4220	1384	LB1272LB	2082	LD52-2	3023	LJ152G	159	LM309K	309K	LM340K-24	1924	LM387N	824
LA4220AT	1384	LB1273R	2083	LD128(RCA)	112	LM1352P	749	LM310H	924	LM340KC-5	960	LM388N	828
LA4230	1386	LB1273RLB	2083	LD300	1016	LL-2	116	LM310N	924M	LM340KC-12	966	LM390AH	825
LA4250	1386	LB1274	2077	LD1020	1012	LLB-23	123A	LM311	922	LM340K-18	966	LM390AI	825
LA4250AR	1386	LB1274K	2077	LD1020A	1012	LLB20K-12	1915	LM311D	922SM	LM340LAZ-18	1906	LM390AJ	825
LA4260	1685	LB1274KF	2077	LD1041	1013	LLM320K12	1915	LM311H	922	LM340LAZ-18	1906	LM390N	825
LA4261	1685	LB1275	2076	LD1110	1014	LLM320K15	1919	LM311HW	922	LM340LAZ-24	1908	LM393D	943SM
LA4261AR	1685	LB1275K	2076	LD1110	1014	LLM320K1							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
LM703LN	703	LM1796	399	LM3909P1	876	LMZ13	5128A	LMZ200-20	5166A	LN02202P	3156	LR39CH	134A
LM709C	909	LM1800	743	LM3914-2	1508	LMZ13-20	5128A	LMZ200A	5166A	LN02302P	3157	LR47CH	135A
LM709CH	909	LM1800N	743	LM3914-3	1508	LMZ13A	5128A	LMZX3.3	5111A	LN04202P	3158	LR51CH	135A
LM709CN	909D	LM1808N	726	LM3914CN	1508	LMZ14	5128A	LMZX3.6	5111A	LN03202P	3156	LR56C	136A
LM710C	910	LM1818	123A	LM3914N	1508	LMZ14-20	5129A	LMZX3.9	5112A	LN03302P	3157	LR56CH	136A
LM710CH	910	LM1819	1670	LM3915-1	1509	LMZ14A	5129A	LMZX3.6A	5112A	LN04202P	3158	LR62C	137A
LM710CN	910D	LM1819G	1670	LM3915-2	1509	LMZ15	5130A	LMZX3.9	5113A	LN04202P	3157	LR62CH	137A
LM711C	911	LM1820	744	LM3915CN	1509	LMZ15-20	5130A	LMZX3.9A	5113A	LN04302P	3157	LR68C	5071A
LM711CH	911	LM1820N	744	LM3915N	1509	LMZ15A	5130A	LMZX3.9A	5114A	LN04402P	3158	LR75C	138A
LM711CN	911D	LM1823N	875	LM3916CN	1549	LMZ16	5131A	LMZX4.3	5114A	LN05202P	3157	LR82C	5072A
LM723	923	LM1829	797	LM3916N	1549	LMZ16-20	5131A	LMZX4.7	5115A	LN05302P	3157	LR91C	139A
LM723C	923D	LM1841N	737S	LM4250CH	944	LMZ16A	5131A	LMZX4.7A	5115A	LN05402P	3158	LR91CH	139A
LM723CD	923D	LM1845	731	LM4250CN	944M	LMZ17	5132A	LMZX5.1	5116A	LN06202P	3156	LR100C	140A
LM723CH	923	LM1848	821	LM4250MF	944	LMZ17-20	5132A	LMZX5.1A	5116A	LN06302P	3157	LR100CH	140A
LM723CN	923D	LM1862	116	LM4250MR	944M	LMZ17A	5132A	LMZX5.5	5117A	LN06402P	3157	LR110C	5074A
LM723DC	923	LM1862	116	LM7805CK	931	LMZ18	5133A	LMZX5.6A	5117A	LN07202P	3156	LR120C	142A
LM723H	923	LM1877	990	LM7805CT	931	LMZ18-20	5133A	LMZX6.0	5118A	LN07302P	3157	LR120CH	142A
LM725CH	925	LM1878	990	LM7805CT	931	LMZ18A	5133A	LMZX6.0A	5118A	LN07402P	3158	LR130C	143A
LM733CH	925	LM1877N-3	990	LM7812CT	966	LMZ19	5134A	LMZX6.2A	5119A	LN21	3021	LR150C	145A
LM733CN	927D	LM1877N-20	990	LM7817CT	1916	LMZ19-20	5134A	LMZX6.8	5120A	LN21CPH	3022	LR150CH	145A
LM741C	941	LM1877N-26	990	LM7815CT	968	LMZ19A	5134A	LMZX6.8A	5120A	LN21RCPH	3022	LR160C	5075A
LM741CH	941	LM1880	852	LM7805LP	1917	LMZ20	5135A	LMZX6.8A	5120A	LN21V	3020	LR180C	5077A
LM741CN	941SM	LM1880N	852	LM7905CT	961	LMZ20-20	5135A	LMZX7.5	5121A	LN28RCPP	3007	LR200C	5079A
LM741CH	941M	LM1884N	1655	LM7905CT	961	LMZ20A	5135A	LMZX8.1	5122A	LN28RP	3007	LR220C	5080A
LM741D	941SM	LM1884N	1655	LM7905ZCL	1917	LMZ22	5136A	LMZX8.2	5122A	LN31	3024	LR240C	5081A
LM746N	790	LM1889	846	LM7906CT	963	LMZ22-20	5136A	LMZX8.2A	5122A	LN32	3010	LR270C	146A
LM747C	947	LM1892	506	LM7906CT	963	LMZ22A	5136A	LMZX8.7	5123A	LN38GCPP	3010	LR300C	5084A
LM747CD	947D	LM1892	506	LM7912CT	967	LMZ24	5137A	LMZX8.7A	5123A	LN212P	3172	LR300C	147A
LM747CH	947D	LM2020(Trans)	108	LM7912CT	967	LMZ24-20	5137A	LMZX9.1	5124A	LN212P	3172	LR300C	5085A
LM747CN	947D	LM2111	708	LM7915CT	969	LMZ25	5138A	LMZX10	5125A	LN217P	3156	LR300C	5086A
LM747CH	947D	LM2111N	708	LM7915CT	969	LMZ25-20	5138A	LMZX10-10	5125A	LN312GP	3173	LR4089	1690
LM748CH	1171	LM2589	159	LM7915CT	969	LMZ25	5138A	LMZX10-10	5125A	LN317GP	3157	LR4173	1731
LM748CN	1171	LM2589	159	LM7915CT	969	LMZ25-20	5138A	LMZX10-10	5125A	LN325	3007	LR40981	1693
LM1011	2003	LM2589	159	LM8000	192	LMZ27	5139A	LMZX11	5126A	LN325	3007	LR40981	1693
LM1011A	2003	LM2682(Trans)	123AP	LM8360	2060	LMZ27-20	5139A	LMZX11A	5126A	LN412YP	3174	LR40981	1693
LM1011AN	2003	LM2701	190	LM8360(LED Display)	2060	LMZ27A	5139A	LMZX12	5127A	LN417YP	3158	LRB283	725
LM1011CN	2003	LM2820N	306	LM8360(LED Display)	2060	LMZ28	5140A	LMZX12A	5127A	LN514RA	3068	LRB283	725
LM1090E	123A	LM2866	1687	LM8360D	2060	LMZ28-20	5140A	LMZX12A	5127A	LN514RA	3068	LRB283	725
LM1090F	123A	LM2866P-1	1687	LM8360DH	2061S	LMZ28A	5140A	LMZX13A	5128A	LN526RA	3074	LRB283	725
LM1090G	123A	LM2866P-2	1687	LM8361	2061S	LMZ30	5141A	LMZX14	5129A	LN526RA	3074	LRB283	725
LM1110A	108	LM2900N	992	LM8361(VF Display)	2061S	LMZ30-20	5141A	LMZX14A	5129A	LN526RA	3074	LRB283	725
LM1110B	107	LM2901D	834SM	LM8361(LED Display)	2060	LMZ30A	5141A	LMZX15	5130A	LN526RA	3074	LRB283	725
LM1117	199	LM2901DN1	834SM	LM8361D	2060	LMZ33	5142A	LMZX16	5131A	LN526RA	3074	LRB283	725
LM1117C	199	LM2901J	834	LM8361DH	2061S	LMZ33-20	5142A	LMZX16	5131A	LN526RA	3074	LRB283	725
LM1117D	123A	LM2901M	834SM	LM8361W	2060	LMZ33A	5142A	LMZX16A	5131A	LN526RA	3074	LRB283	725
LM1120B	107	LM2901N	834	LM8560	2062	LMZ36	5143A	LMZX17	5132A	LN526RA	3074	LRB283	725
LM1120C	107	LM2902D	887SM	LM8560B	2062	LMZ36-20	5143A	LMZX17	5132A	LN526RA	3074	LRB283	725
LM1123H	108	LM2902DN1	887SM	LM8560G	2062	LMZ36A	5143A	LMZX18	5132A	LN526RA	3074	LRB283	725
LM1129	123A	LM2902J	887	LM8560GE	2062	LMZ39	5144A	LMZX18A	5133A	LN526RA	3074	LRB283	725
LM1130	123A	LM2902M	887SM	LM9016E	108	LMZ39-20	5144A	LMZX19	5134A	LN526RA	3074	LRB283	725
LM1132	123A	LM2902N	987	LM9016F	108	LMZ39A	5144A	LMZX19A	5134A	LN526RA	3074	LRB283	725
LM1133	233	LM2904J	928M	LM13600N	870	LMZ43	5145A	LMZX20	5135A	LN526RA	3074	LRB283	725
LM1133	123A	LM2904JG	928M	LM511160	181	LMZ43-20	5145A	LMZX20A	5135A	LN526RA	3074	LRB283	725
LM1138	229	LM2904L	928	LMC7812CK	1914	LMZ43A	5145A	LMZX22	5136A	LN526RA	3074	LRB283	725
LM1138E	229	LM2904M	928SM	LMC7815CK	1916	LMZ47	5146A	LMZX22A	5136A	LN526RA	3074	LRB283	725
LM1138E/F	229	LM2904N	928M	LMC7818CK	1920	LMZ47-20	5146A	LMZX24	5137A	LN526RA	3074	LRB283	725
LM1138F	229	LM2904P	928M	LMC7824CK	1924	LMZ47A	5146A	LMZX24A	5137A	LN526RA	3074	LRB283	725
LM1138G	229	LM2917	995	LMC7905CK	1913	LMZ51	5147A	LMZX25	5138A	LN526RA	3074	LRB283	725
LM1138G/F	229	LM2917-8	995M	LMC7912CK	1915	LMZ51-20	5147A	LMZX25A	5138A	LN526RA	3074	LRB283	725
LM1138G/H	108	LM2917N	995	LMC7915CK	1919	LMZ51A	5147A	LMZX27	5139A	LN526RA	3074	LRB283	725
LM1138H	229	LM2917H-8	995M	LMC7918CK	1923	LMZ56	5148A	LMZX27A	5139A	LN526RA	3074	LRB283	725
LM1138H/I	229	LM3011N	726	LMC7924CK	1925	LMZ56-20	5148A	LMZX28	5140A	LN526RA	3074	LRB283	725
LM1138I	229	LM3012	726	LMT540C	199	LMZ56A	5148A	LMZX28A	5140A	LN526RA	3074	LRB283	725
LM1147	123A	LM3018	904	LMZ3.3	5111A	LMZ60	5149A	LMZX30	5141A	LN526RA	3074	LRB283	725
LM1148	123A	LM3019	905	LMZ3.3-20	5111A	LMZ60-20	5149A	LMZX30A	5141A	LN526RA	3074	LRB283	725
LM1149	159	LM3028	724	LMZ3.3A	5111A	LMZ60A	5149A	LMZX33	5142A	LN526RA	3074	LRB283	725
LM1150	159	LM3028A	724	LMZ3.6	5112A	LMZ62	5150A	LMZX33A	5142A	LN526RA	3074	LRB283	725
LM1151	159	LM3028B	724	LMZ3.6-20	5112A	LMZ62-20	5150A	LMZX36	5143A	LN526RA	3074	LRB283	725
LM1153	159	LM3028BH	724	LMZ3.6A	5112A	LMZ62A	5150A	LMZX36A	5143A	LN526RA	3074	LRB283	725
LM1153	159	LM3039H	907	LMZ3.9	5113A	LMZ68	5151A	LMZX39	5144A	LN526RA	3074	LRB283	725
LM1154	171	LM3045D	912	LMZ3.9-20	5113A	LMZ68-20	5151A	LMZX39A	5144A	LN526RA	3074	LRB283	725
LM1155	123A	LM3045J	912	LMZ3.920	5113A	LMZ68A	5151A	LMZX43	5145A	LN526RA	3074	LRB283	725
LM1156	191	LM3045N	912	LMZ3.9A	5113A	LMZ75	5152A	LMZX43A	5145A	LN526RA	3074	LRB283	725
LM1157	182	LM3046D	912	LMZ4.3	5114A	LMZ75-20	5152A	LMZX47	5146A	LN526RA	3074	LRB283	725
LM1157	182	LM3046N	912	LMZ4.3-20	5114A	LMZ75A	5152A	LMZX47A	5146A	LN526RA	3074	LRB283	725
LM1158	116	LM3053	724	LMZ4.3A	5114A	LMZ82	5153A	LMZX51	5147A	LN526RA	3074	LRB283	725
LM1159	177	LM3054	917	LMZ4.7	5115A	LMZ82-20	5153A	LMZX51A	5147A	LN526RA	3074	LRB283	725
LM1160	116	LM3054N	917	LMZ4.7-20	5115A	LMZ82A	5153A	LMZX56	5148A	LN526RA	3074	LRB283	725
LM1303	725	LM3064	780	LMZ4.7A	5115A	LMZ87	5154A	LMZX56A	5148A	LN526RA	3074	LRB283	725
LM1303N	725	LM3064H	780	LMZ5.1	5116A	LMZ87-20	5154A	LMZX60	5149A	LN526RA	3074	LRB283	725
LM1304	718	LM3064N	783	LMZ5.1-20	5116A	LMZ87A	5154A	LMZX60A	5149A	LN526RA	3074	LRB283	725
LM1304N	718	LM3065	712	LMZ5.1A	5116A	LMZ91	5155A	LMZX62	5150A	LN526RA	3074	LRB283	725
LM1305	720	LM3065N	712	LMZ5.6	5117A	LMZ91-20	5155A	LMZX62A	5150A	LN526RA	3074	LRB283	725
LM1305N	720	LM3065N-01	712	LMZ5.6-20	5117A	LMZ91A	5155A	LMZX68	5151A	LN526RA	3074	LRB283	725
LM1307	722	LM3066	728	LMZ5.6A	5117A	LMZ100	5156A	LMZX68A	5151A	LN526RA	3074	LRB283	725
LM1307N	722	LM3067	729	LMZ6.0	5118A	LMZ100-20							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
LS153	74LS153	LTL-9213	3169	MOC3012	3047	M5L2732K	2732	M69A	116	M74LS259P	74LS259	M165-400	5635
LS155	74LS155	LTL-9213A	3169	MOC3020	3048	M5L2732K-6	2732	M69B	116	M74LS273P	74LS273	M166-200	5633
LS156	74LS156	LTL-9233	3170	MOC3021	3048	M5L2764	2764	M69C	116	M74LS279P	74LS279	M166-400	5635
LS157	74LS157	LTL-9233A	3170	MOC3022	3048	M5L2764K-2	2764	M70	116	M74LS280P	74LS280	M172A	116
LS158	74LS158	LTL-9253	3171	MOC3023	3048	M5L2764K-3	2764	M70A	116	M74LS283P	74LS283	M204B	116(4)
LS160	74LS160A	LTL-9253A	3171	MOC3030	3049	M5L2764K-3	2764	M70B	116	M74LS290P	74LS290	M240A05A	A40240
LS160A	74LS160A	LTL-53173	3182	MOC3031	3049	M5L8080A	8080A	M70C	116	M74LS293P	74LS293	M240A10A	A40240
LS161	74LS161A	LTL-53173	3182	MOC3032	3049	M5L8080AP	8080A	M71	116	M74LS298P	74LS298	M240D05A	B40240
LS161A	74LS161A	LTL-54173	3181	MOC3033	3091	M5L8212	8212	M71A	116	M74LS365AP	74LS365A	M240D10A	B40240
LS162	74LS162A	LTL-54173	3181	MOC3040	3097	M5L8212P	8212	M71B	116	M74LS366AP	74LS366A	M300-1300A	128
LS162A	74LS162A	LTL-57173	3180	MOC3041	3097	M5L8216	8216	M71C	116	M74LS367AP	74LS367	M304/4050	755
LS163	74LS163A	LTL-57173	3180	MOC5007	3090	M5L8216P	8216	M72	125	M74LS368AP	74LS368	M327R	5967
LS163A	74LS163A	LU2N544	126A	MOC5008	3090	M5L8224	8224	M72A	125	M74LS374P	74LS374	M328R	5967
LS164	74LS164	LU2N544	126A	MOC5009	3090	M5L8224P	8224	M72B	125	M74LS377P	74LS377	M330R	5967
LS164A	74LS164A	LU2N544	126A	MOC7811	3100	M5L8228	8228	M72C	125	M74LS393P	74LS393	M351	160
LS166	74LS166	LU2N544	126A	MOC7812	3100	M5L8228P	8228	M72D	156	M74LS670P	74LS670	M366-1(RadShk)	165
LS170	74LS170	LU2N544	126A	MOC7813	3100	M5L8255AP-5	8255	M73	125	M76	160	M401	161
LS173	74LS173	LU2N544	126A	MOC7821	3102	M5R4558P	778A	M73A	125	M77	160	M404(Zenith)	298
LS174	74LS174	LU2N544	126A	MOC7822	3102	M5S000P	74S00	M73B	125	M78	160	M423N(Zenith)	116
LS175	74LS175	LU2N544	126A	MOC7823	3102	M5S003P	74S03	M73C	125	M78A	160	M433	172A
LS190	74LS190	LU2N544	126A	MOC8030	3044	M5S004P	74S04	M74S00P	74LS00	M78B	160	M446	159
LS191	74LS191	LU2N544	126A	MOC8050	3045	M5S005P	74S05	M74S02P	74LS02	M78BLK	160	M447	123A
LS192	74LS192	LU2N544	126A	MOC8100	3096	M5S010P	74S10	M74S03P	74LS03	M78C	160	M500	116
LS193	74LS193	LU2N544	126A	MOC8111	3040	M5S011P	74S11	M74S04P	74LS04	M78D	160	M500A	116
LS195	74LS195A	LU2N544	126A	MOC8112	3041	M5S015P	74S15	M74S05P	74LS05	M78GRN	160	M500B	116
LS195A	74LS195A	LU2N544	126A	MOC8113	3041	M5S020P	74S20	M74S08P	74LS08	M78RED	160	M500C	116
LS196	74LS196	LU2N544	126A	MOC8114	3041	M5S022P	74S22	M74S09P	74LS09	M78YEL	160	M501	116
LS197	74LS197	LU2N544	126A	MOC8115	3041	M5S030P	74S30	M74S10P	74LS10	M82	125	M511-035-0001	923
LS221	74LS221	LU2N544	126A	MOC8116	3041	M5S040P	74S40	M74S11P	74LS11	M84	104	M530	116
LS240	74LS240	LU2N544	126A	MOC8117	3041	M5S051P	74S51	M74S12P	74LS12	M84B	121	M546	161
LS241	74LS241	LU2N544	126A	MOC8118	3041	M5S074P	74S74	M74S13P	74LS13	M85	5673	M552AR35X	187A
LS242	74LS242	LU2N544	126A	MOC8119	3041	M5S112P	74S112	M74S14P	74LS14	M85(Triac)	5673	M552-AR35X	187A
LS243	74LS243	LU2N544	126A	MOC8120	3041	M5S113P	74S113	M74S15P	74LS15	M86	5675	M604	166
LS244	74LS244	LU2N544	126A	MOC8121	3041	M5S114P	74S114	M74S16P	74LS16	M86(Triac)	5675	M604HT	166
LS245	74LS245	LU2N544	126A	MOC8122	3041	M5S133P	74S133	M74S17P	74LS17	M87	5675	M612	161
LS247	74LS247	LU2N544	126A	MOC8123	3041	M5S138P	74S138	M74S18P	74LS18	M87(Triac)	5675	M613	161
LS248	74LS248	LU2N544	126A	MOC8124	3041	M5S151P	74S151	M74S19P	74LS19	M91	107	M614	161
LS249	74LS249	LU2N544	126A	MOC8125	3041	M5S153P	74S153	M74S20P	74LS20	M91A	123A	M644	159
LS251	74LS251	LU2N544	126A	MOC8126	3041	M5S157P	74S157	M74S21P	74LS21	M91A01	116	M670P1C	116
LS253	74LS253	LU2N544	126A	MOC8127	3041	M5S158P	74S158	M74S22P	74LS22	M91A02	116	M670	116
LS257	74LS257	LU2N544	126A	MOC8128	3041	M5S174P	74S174	M74S23P	74LS23	M91A03	116	M670A	116
LS258	74LS258	LU2N544	126A	MOC8129	3041	M5S175P	74S175	M74S24P	74LS24	M91A06	125	M670B	116
LS259	74LS259	LU2N544	126A	MOC8130	3041	M5S181P	74S181	M74S25P	74LS25	M91B	123A	M670C	116
LS266	74LS266	LU2N544	126A	MOC8131	3041	M5S251P	74S251	M74S26P	74LS26	M91B GRN	123A	M670D	123A
LS273	74LS273	LU2N544	126A	MOC8132	3041	M5S258P	74S258	M74S27P	74LS27	M91C	123A	M680	116
LS279	74LS279	LU2N544	126A	MOC8133	3041	M6H2	116	M74S28P	74LS28	M91CM624	123A	M680A	116
LS280	74LS280	LU2N544	126A	MOC8134	3041	M8D03	727	M74S29P	74LS29	M91D	123A	M680B	116
LS283	74LS283	LU2N544	126A	MOC8135	3041	M8D03(Motorola)	727	M74S30P	74LS30	M91E	123A	M680C	116
LS290	74LS290	LU2N544	126A	MOC8136	3041	M8H2	125	M74S31P	74LS31	M91F	123A	M680D	116
LS293	74LS293	LU2N544	126A	MOC8137	3041	M9Z	139A	M74S32P	74LS32	M91FM624	123A	M680E	116
LS298	74LS298	LU2N544	126A	MOC8138	3041	M10Z	140A	M74S33P	74LS33	M92	5673	M690B	116
LS301AT	1171	LU2N544	126A	MOC8139	3041	M12	116	M74S34P	74LS34	M92(Triac)	5673	M690C	116
LS307B	976	LU2N544	126A	MOC8140	3041	M12Z	142A	M74S35P	74LS35	M93	5675	M700A	116
LS348	74LS348	LU2N544	126A	MOC8141	3041	M14(Triac)	5667A	M74S36P	74LS36	M93(Triac)	5675	M700B	116
LS352	74LS352	LU2N544	126A	MOC8142	3041	M15(Triac)	5667A	M74S37P	74LS37	M94(Triac)	5675	M700C	116
LS353	74LS353	LU2N544	126A	MOC8143	3041	M15Z	145A	M74S38P	74LS38	M95	109	M701B	116
LS363	74LS363	LU2N544	126A	MOC8144	3041	M16(Triac)	5667A	M74S39P	74LS39	M97-1A	809	M702B	125
LS364	74LS364	LU2N544	126A	MOC8145	3041	M21C	5404	M74S40P	74LS40	M97-1.5A	8139	M702C	116(2)
LS365	74LS365A	LU2N544	126A	MOC8146	3041	M21C1R	5404	M74S41P	74LS41	M98	5683	M710	116
LS365A	74LS365A	LU2N544	126A	MOC8147	3041	M21C1Q	5404	M74S42P	74LS42	M98(Triac)	5683	M710A	116
LS366	74LS366A	LU2N544	126A	MOC8148	3041	M21C1R	5404	M74S43P	74LS43	M98(Triac)	5683	M710B	116
LS366A	74LS366A	LU2N544	126A	MOC8149	3041	M21C1Y	5404	M74S44P	74LS44	M100(Zener)	312	M710C	116
LS366B	74LS366B	LU2N544	126A	MOC8150	3041	M21Y	5404	M74S45P	74LS45	M100(Triac)	5685	M720	125
LS367	74LS367	LU2N544	126A	MOC8151	3041	M22	123A	M74S46P	74LS46	M101	462	M720A	125
LS368	74LS368	LU2N544	126A	MOC8152	3041	M24	123A	M74S47P	74LS47	M101(Triac)	462	M720B	125
LS370	74LS370	LU2N544	126A	MOC8153	3041	M24(Triac)	5667A	M74S48P	74LS48	M104(Triac)	5683	M720C	125
LS371	74LS371	LU2N544	126A	MOC8154	3041	M24(Triac)	5667A	M74S49P	74LS49	M105	5685	M730	125
LS373	74LS373	LU2N544	126A	MOC8155	3041	M24(Triac)	5667A	M74S50P	74LS50	M105(Triac)	5685	M730A	125
LS374	74LS374	LU2N544	126A	MOC8156	3041	M24(Triac)	5667A	M74S51P	74LS51	M108(Triac)	5685	M730B	125
LS377	74LS377	LU2N544	126A	MOC8157	3041	M24(Triac)	5667A	M74S52P	74LS52	M107	463	M730C	125
LS378	74LS378	LU2N544	126A	MOC8158	3041	M24(Triac)	5667A	M74S53P	74LS53	M108	102A	M758	136A
LS379	74LS379	LU2N544	126A	MOC8159	3041	M24(Triac)	5667A	M74S54P	74LS54	M112(Triac)	5641	M773	123A
LS390	74LS390	LU2N544	126A	MOC8160	3041	M24(Triac)	5667A	M74S55P	74LS55	M113(Triac)	5642	M774	123A
LS393	74LS393	LU2N544	126A	MOC8161	3041	M24(Triac)	5667A	M74S56P	74LS56	M113(Triac)	5642	M774ORN	123A
LS395	74LS395A	LU2N544	126A	MOC8162	3041	M24(Triac)	5667A	M74S57P	74LS57	M113A	2825	M775	123A
LS395A	74LS395A	LU2N544	126A	MOC8163	3041	M24(Triac)	5667A	M74S58P	74LS58	M114(D,G,C,S)	464	M775BRN	123A
LS490	74LS490	LU2N544	126A	MOC8164	3041	M24(Triac)	5667A	M74S59P	74LS59	M116	465	M776	123A
LS540	74LS540	LU2N544	126A	MOC8165	3041	M24(Triac)	5667A	M74S60P	74LS60	M117	465	M776GRN	123A
LS541	74LS541	LU2N544	126A	MOC8166	3041	M24(Triac)	5667A	M74S61P	74LS61	M120A05A	A40240	M779	123A(2)
LS555	955M	LU2N544	126A	MOC8167	3041	M24(Triac)	5667A	M74S62P	74LS62	M120A10A	A40240	M779BLU	123A
LS555-2	955M	LU2N544	126A	MOC8168	3041	M24(Triac)	5667A	M74S63P	74LS63	M120D05A	B40240	M780	123A(2)
LS555-2	955M	LU2N544	126A	MOC8169	3041	M24(Triac)	5667A	M74S64P	74LS64	M120D10A	B40240	M780WHT	123A
LS624	74LS624	LU2N544	126A	MOC8170	3041	M24(Triac)	5667A	M74S65P	74LS65	M124J779-1	116	M783RED	123A
LS625	74LS625	LU2N544	126A	MOC8171	3041	M24(Triac)	5667A	M74S66P	74LS66	M128J422-1	120	M784	123A
LS626	74LS626	LU2N544	126A	MOC8172	3041	M24(Triac)	5667A	M74S67P	74LS67	M128J509-1	161	M784ORN	123A
LS627	74LS627	LU2N544	126A	MOC8173	3041	M24(Triac)							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
M829F	159	M4043B	4043B	M4510B	4510B	M4737	123A	M5193P	1297	M8604A	102A	M9319	116
M833	159	M4043BP	4043B	M4510BP	4510B	M4739	123A	M5193PR	1297	M8640	158	M9320	198
M844	184	M4044B	4044B	M4511B	4511B	M4745	159	M5195	1298	M8640A	158	M9321	130
M847BLK	123A	M4044BP	4044B	M4511BP	4511B	M4756	161	M5195P	1298	M8640E(Transistor)	158	M9323	123A
M852	184	M4049	4049	M4512B	4512B	M4757	107	M5195PR	1298	M8640E(C-M)	177	M9325	123A
M895(Zenith)	123AP	M4049B	4049	M4512BP	4512B	M4765	123A	M5218P	778A	M-8641	123A	M9328	159
M912	157	M4049BP	4049	M4514B	4514B	M4766	121	M5285	102A	M8641A	158	M9329	199
M-1002-2	123A	M4049P	4049	M4514BP	4514B	M4767	121	M5304	7460	M9002	158	M9334	159
M-1002-17 NC	123A	M4049UB	4049	M4515B	4515B	M4768	123A	M5304P	7460	M9002(Red)	123A	M9338	199
M1025(IC)	840	M4049UBP	4049	M4515BP	4515B	M4789	107	M5310	7430	M9003	160	M9342	121
M1102	333	M4050B	4050B	M4516B	4516B	M4815	159	M5310P	7430	M9003(Brn)	160	M9344	180
M1301	177	M4050BP	4050B	M4516BP	4516B	M4815D	159	M5327P	7473	M9003(Ord)	160	M9347	179
M1391P	815	M4051B	4051B	M4518B	4518B	M4819	154	M5352	7450	M9003(Grn)	160	M9348	153
M1400-1	107	M4051BP	4051B	M4518BP	4518B	M4820	108	M5352P	7450	M9003(Whit)	160	M9355	195A
M1713DP	5527	M4052B	4052B	M4520B	4520B	M4821	123A	M5362	7442	M9009	160	M9357	123A
M1713MP	5529	M4052BP	4052B	M4520BP	4520B	M4825	107	M5362P	7442	M9010	108	M9359	180
M1713NP	5531	M4053B	4053B	M4521B	4521B	M4826	108	M5372	7472	M9019	121	M9366	123A
M2002	724	M4053BP	4053B	M4521BP	4521B	M4834	123A	M5372P	7472	M9032	107	M9377	123A
M2003	912	M4066B	4066B	M4524	160	M4837	108	M5374	7474	M9038	160	M9378	123A
M2009	772A	M4066BP	4066B	M4525	159	M4838	154	M5374P	7474	M9050	129	M9380	128
M2016	912	M4068B	4068B	M4526	160	M4839	154	M5375	7470	M9051	487	M9384	199
M2032	916	M4068BP	4068B	M4528B	4528B	M4840	123A	M5375P	7470	M9052	487	M9385	6409
M2032-330	916	M4069P	4069	M4528BP	4528B	M4840A	107	M5395	7495	M9058	160	M9389	289A
M2032-330-BA	916	M4069UB	4069	M4539B	4539B	M4841	123A	M5395P	7495	M9059	123A	M9390	123A
M2033	829	M4069UBP	4069	M4539BP	4539B	M4842	123A	M5825P	2128	M9070	123A	M9393	175
M2077	1155A	M4069UBRV	4069	M4545	126A	M4842A	123A	M5930	9930	M9075	103A	M9398	129
M2102A	2102	M4071B	4071B	M4545BLU	126A	M4842C	123A	M5930P	9930	M9080	160	M9400	129
M2102AK	2102	M4071BP	4071B	M4545WHT	126A	M4843	154	M5932	9932	M9080AC	8080A	M9408	162
M2102AM	2102	M4072B	4072B	M4552	144A	M4844	123A	M5932P	9932	M9081	160	M9409	199
M2207	5071A	M4072BP	4072B	M4553	102A	M4845	108	M5933	9933	M9083	121	M9412	234
M2497	116	M4073B	4073B	M4553BLU	102A	M4850	141A	M5933P	9933	M9090	121	M9416	199
M2511	5700	M4073BP	4073B	M4553BRN	102A	M4851	141A	M5935	9935	M9091	121	M9418	123A
M2511F	5700	M4075B	4075B	M4553GRN	102A	M4852	123A	M5935P	9935	M9092	103	M9420	121
M2512	5700	M4075BP	4075B	M4553ORN	102A	M4853	123A	M5936	9936	M9093	103	M9426	129
M2512F	5700	M4076B	4076B	M4553PUR	105	M4854	123A	M5936P	9936	M9095	123A	M9430	195A
M2513DP	5545	M4076BP	4076B	M4553RED	102A	M4855	108	M5937	9937	M9096	123A	M9431	195A
M2513MP	5547	M4078B	4078B	M4553YEL	102A	M4857	108	M5937P	9937	M9098	160	M9432	129
M2513NP	5548	M4078BP	4078B	M4555B	4555B	M4858	147A	M5944	9944	M9104	121	M9435	129
M2521	5701	M4081B	4081B	M4556B	4556B	M4859	124	M5944P	9944	M9105	102A	M9436	121
M2521F	5701	M4081BP	4081B	M4556BP	4556B	M4882	130	M5945	9945	M9105(Blu)	102A	M9447	199
M2522	5701	M4082B	4082B	M4562	158	M4885	124	M5945P	9945	M9108	160	M9450	161
M2522F	5701	M4082BP	4082B	M4562	158	M4885	124	M5946	9946	M9110	123A	M9453	123A
M2531	5702	M4093B	4093B	M4564	102A	M4886	121	M5946P	9946	M9118	104	M9458	121
M2532	5702	M4093BP	4093B	M4564	102A	M4888A	121	M5948	9948	M9125	195A	M9465	198
M2541	5703	M4094B	4094B	M4565	102A	M4888B	121	M5948P	9948	M9126	158	M9467	234
M2542	5703	M4094BP	4094B	M4567	102	M4898	123A	M5949	9949	M9135	179	M9474	199
M2551	5705	M4098B	4098B	M4570	104	M4900	162	M5949P	9949	M9136	123A	M9475	123
M2552	5705	M4098BP	4098B	M4573	102A	M4901	163A	M5952	9952	M9138	128	M9480	181
M2716	2716	M4246	121	M4583(Blu)	121	M4902	107	M5953	9953	M9142	121	M9482	108
M2716F	2716	M4246	121	M4582	121	M4906	123A	M5953P	9953	M9144	123A	M9483	107
M3013DP	5545	M4313	102A	M4582BRN	121	M4926	123A	M5955P	9955	M9145	129	M9486	199
M3013MP	5547	M4315	102A	M4583	121	M4927	154	M5955P	9955	M9147	195A	M9491	123
M3013NP	5548	M4317	102	M4583RED	121	M4933	123A	M5956	9956	M9148	102	M9514	159
M3016	116	M4331	121	M4584	121	M4936	123A	M5956P	9956	M9159	123A	M9515	130
M3081-9	8103	M4363	126A	M4584GRN	121	M4937	123A	M5961	9961	M9160	158	M9517	121
M3519	123A	M4363BLU	126A	M4586	126A	M4937(3rd IF)	233	M5961P	9961	M9168	126A	M9519	128
M3567-2	184	M4363GRN	126A	M4588	126A	M4943	159	M5962	9962	M9169	126A	M9520	129
M3764-15RS	216A	M4363ORN	126A	M4590	126A	M4974	104	M5962P	9962	M9170	123	M9521	192
M3764-20RS	216A	M4363WHT	126A	M4594	123A	M4974/P1R	104	M5963	9963	M9170	123	M9525	123A
M4001B	4001B	M4364	126A	M4595	102A	M4989	159	M5963P	9963	M9174	195A	M9526	159
M4001BP	4001B	M4365	126A	M4596	102	M4995	163A	M7002	154	M9177	176	M9527	159
M4002BP	4002B	M4366	126A	M4597	102	M4998	109	M7003	123A	M9177	176	M9528	123A
M4006B	4006B	M4367	126A	M4597GRN	102	M5101	1065	M7010	123A	M9184	128	M9532	159
M4006BP	4006B	M4368	126A	M4597RED	102	M5101P	1095	M7015	123A	M9186	195A	M9532	123A
M4007P	4007	M4388	126A	M4603	126A	M5106	1097	M7031	121	M9187	195A	M9536	225
M4007UB	4007	M4389	100	M4604	126A	M5106P	1097	M7033	123A	M9190	160	M9547	199
M4007UBP	4007	M4395	102A	M4605	126A	M5108	1099	M7102	123A	M9197	160	M9550	346
M4011B	4011B	M4438	160	M4605RED	126A	M5108-9170	1099	M7108/ASN	123A	M9198	102A	M9556	164
M4011BP	4011B	M4442	159	M4606	121	M5108P	1099	M7109	123A	M9199	123A	M9561	401/128
M4012B	4012B	M4450	158	M4607	102	M5109P	917	M7109/ASP	123A	M9202	121	M9562	128
M4012BP	4012B	M4454	126A	M4608	121	M5112	1098	M7127/P2S	159	M9206	116	M9563	123A
M4013B	4013B	M4456	108	M4619	104	M5112Y	1098	M7171	123A	M9208	128	M9566	312
M4013BP	4013B	M4457	126A	M4619RED	121	M5113	704	M7310	197	M9221	128	M9568	123A
M4015B	4015B	M4459	127	M4620	104	M5113T	704	M7342	127	M9225	175	M9570	123A
M4015BP	4015B	M4462	102A	M4620GRN	121	M5115	1110S	M7342/P4F	127	M9226	123A	M9571	159
M4016B	4016B	M4463	104	M4621	126A	M5115P	1110S	M7472	191	M9228	128	M9572	123AP
M4016BP	4016B	M4464	123A	M4622	105	M5115P-9085	1110S	M7511	163A	M9235	116(4)	M9575	108
M4017B	4017B	M4465	123A	M4623	127	M5115PA	1110S	M7543-1	130	M9237	121	M9576	152
M4017BP	4017B	M4466	102A	M4624	123A	M5115PPA	1156	M7611AP	1413	M9241	121	M9580	350
M4018B	4018B	M4466ORN	158	M4627	102	M5115RPP	1156	M7641	7473	M9244	130	M9582	185
M4018BP	4018B	M4468	102A	M4630	123A	M5131P	1096	M7644BP	1547	M9245	123A	M9583	351
M4019B	4019B	M4468BRN	158	M4632	126A	M5133P	9136	M8014(Transistor)	100	M9247	475	M9586	359
M4019BP	4019B	M4469	102A	M4640	179	M5134	1096	M8062A	102A	M9251	105	M9587	350
M4020B	4020B	M4469RED	158	M4640P	179	M5134-8266	1096	M8062B	102A	M9252	108	M9588	347
M4020BP	4020B	M4470	102A	M4648	154	M5134P	1096	M8062C	102A	M9255	121	M9590	6409
M4021B	4021B	M4470ORN	158	M4649	104	M5135P	1004	M8105	123A	M9256	640	M9591	346
M4021BP	4021B	M4471	102A	M4652	127	M5141T	941	M8116	126A	M9257	129	M9594	199
M4022B	4022B	M4471YEL	158	M4653	139A	M5143	712	M8120	101	M9258	160	M9599	311
M4022BP	4022B	M4472	102A	M4659	144A	M5143P	712	M8124	160	M9259	130	M9610	476
M4023B	4023B	M4472GRN	158	M4661	121	M5144BP	712	M8221	123A	M9260	195A	M9616	476
M4023BP	4023B	M4473	158	M4663	147A	M5144P	712	M8222	116	M9263</			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
M9676	196	M51903L	1510	M53381P	74181	MA26	601	MA649	6240#	MA6301T	1120	MAC37-6	5689
M9676/NPN	196	M53200P	7400	M53382P	74182	MA-26	601	MA650	6240#	MA6875	288	MAC37-7	5690
M9677	197	M53200P	7400	M53390P	74190	MA-26-1	601	MA651	6246#	MA7300	2002	MAC50-4	5678
M9677/PNP	197	M53201P	7401	M53391P	74191	MA26A	601	MA661	6246#	MA7300PC	2002	MAC50-5	5679
M9701	197	M53201P	7401	M53392	74192	MA26G	601	MA669	6240#	MA7805	960	MAC50-6	5679
M9703	346	M53202P	7402	M53392P	74192	MA26T	601	MA670	6240#	MA7812UC	966	MAC50-7	5679
M9711	346	M53202P	7402	M53393	74193	MA26T0A	605A	MA671	6246#	MA7815UC	968	MAC50-8	5679
M9715	346	M53203P	7403	M53393P	74193	MA26T0B	605A	MA729	720	MA7912UC	967	MAC50A4	5679
M9740	366	M53203P	7403	M53398P	74198	MA26T1A	605A	MA732	718	MA8001	128	MAC50A5	5679
M9741	366	M53204P	7404	M53399P	74199	MA26T0-A	605A	MA737	705A	MA8003	128	MAC50A6	5679
M9755	367	M53204P	7404	M54459	1745	MA26T0/A	605A	MA741HC	941	MA9001	311	MAC50A7	5679
M9755	367	M53205P	7405	M54459BL	1745	MA26T0-B	605A	MA746	790	MA9003	311	MAC50A8	5679
M9773	316	M53205P	7405	M54459L	1745	MA26W	605A	MA749	6085#	MA9426	123A	MAC77-1	5601
M9775	351	M53206P	7406	M54516P	2084	MA26W0	605A	MA749A	6087#	MA5071	610	MAC77-2	5602
M9781	356	M53207P	7407	M54517P	2079	MA26W0B	605A	MA750	6085#	MA4511	610	MAC77-3	5602
M9810	121	M53208P	7408	M54519CPN	2079	MA26W0A	601	MA750A	6087#	MA45112	611	MAC77-4	5603
M9814	105	M53209P	7409	M54519P	2079	MA26WB	605A	MA751	6090#	MA45114	613	MAC77-5	5605
M9859	345	M53210	7410	M54521CPN	2078	MA26WD	605A	MA751A	6090#	MA45115	613	MAC77-6	5605
M9876	483	M53210P	7410	M54521P	2078	MA26W0	605A	MA758	743	MA45131	610	MAC77-7	5607
M9877	484	M53213P	7413	M54522P	2019	MA26W0-B	605A	MA767	722	MA45132	611	MAC77-8	5607
M9959	481	M53214P	7414	M54523P	2013	MA27A	605A	MA767PC	722	MA45134	613	MAC92-1	5655
M9961	126A	M53216P	7416	M54524P	2011	MA27B	605A	MA780	714	MA45151	612	MAC92-2	5655
M31001	123A	M53217P	7417	M54525P	2012	MA27T-A	605A	MA781	715	MA45158	611	MAC92-3	5655
M33611	5011A	M53220	7420	M54526P	2014	MA27TB	605A	MA815	102A	MA45161	612	MAC92-4	5655
M40160B	40160B	M53220P	7420	M54527CPN	2077	MA27W	605A	MA856	519	MA45161	612	MAC92-5	5656
M40160BP	40160B	M53225P	7425	M54527P	2077	MA27WA	605A	MA894	102	MA45168	610	MAC92-6	5656
M40161B	40161B	M53227P	7427	M54528CPN	2076	MA51A	109	MA895	102	MA45171	612	MAC92-7	5657
M40161BP	40161B	M53230	7430	M54528P	2076	MA55	109	MA896	102	MA45170	611	MAC92-8	5657
M40162B	40162B	M53230P	7430	M54529CPN	2075	MA56	519	MA897	102	MA45170	909D	MAC92A-1	5655
M40162BP	40162B	M53237P	7437	M54529P	2075	MA57	594	MA898	102	MAC2-1	5667A	MAC92A-2	5655
M40163B	40163B	M53238P	7438	M54530P	2074	MA61	6408	MA899	102	MAC2-2	5667A	MAC92A-3	5655
M40163BP	40163B	M53240	7440	M54531CPN	2074	MA62	6408	MA900	102	MAC2-3	5667A	MAC92A-4	5655
M40174B	40174B	M53240P	7440	M54531P	2074	MA90	109	MA901	102	MAC2-4	5667A	MAC92A-5	5656
M40174BP	40174B	M53241	7441	M54533CPN	2073	MA101	116	MA902	102A	MAC2-5	5667A	MAC92A-6	5656
M40175B	40175B	M53241P	7441	M54533P	2073	MA102	116	MA903	102A	MAC2-6	5667A	MAC92A-7	5657
M40175BP	40175B	M53242P	7442	M54534CPN	2072	MA105	519	MA904	102A	MAC2-7	5667A	MAC92A-8	5657
M40273C	2104	M53242P	7442	M54534P	2072	MA110	116	MA1030	5004A	MAC2-8	5667A	MAC92A-9	5657
M40273CD	2104	M53243P	7443	M54535CPN	2071	MA112	102	MA1033	5004A	MAC2-9	5667A	MAC92A-10	5657
M40273CP	2104	M53243P	7443	M54535P	2071	MA113	102	MA1036	5006A	MAC2-10	5667A	MAC92A-11	5657
M40273C	2104	M53244	7444	M54536CPN	2070	MA114	102	MA1047	5009A	MAC2-11	5667A	MAC92A-12	5657
M40274CD	2104	M53244P	7444	M54536P	2070	MA115	102	MA1047A	5009A	MAC2-12	5667A	MAC92A-13	5657
M40274CP	2104	M53245P	7445	M54543L	1628	MA116	102	MA1051	5010A	MAC2-13	5667A	MAC92A-14	5657
M40275C	2104	M53247	7447	M58478	1581	MA117	102	MA1052	5010A	MAC2-14	5667A	MAC92A-15	5657
M40275CD	2104	M53247P	7447	M58478P	1581	MA140	177	MA1056M	136A	MAC2-15	5667A	MAC92A-16	5657
M40275CP	2104	M53248	7448	M58478P	1581	MA150	519	MA1062	5013A	MAC2-16	5667A	MAC92A-17	5657
M41223-2	116	M53248A	7448	M58485	1738	MA-150	519	MA1062H	5013A	MAC2-17	5667A	MAC92A-18	5657
M51011	1432	M53248P	7448	M58485BP	1738	MA150DD	519	MA1062L	5013A	MAC2-18	5667A	MAC92A-19	5657
M51011AT	1432	M53250P	7450	M58485P	1738	MA150FV	519	MA1062LM	5013A	MAC2-19	5667A	MAC92A-20	5657
M51011BT	1432	M53250P	7450	M58725	2128	MA150L	519	MA1062M	5013A	MAC2-20	5667A	MAC92A-21	5657
M51011P	1432	M53253P	7453	M58725P	2128	MA150TA	519	MA1062M	5013A	MAC2-21	5667A	MAC92A-22	5657
M51103L	1362	M53253P	7453	M58732S	2708	MA150TA5	519	MA1064A	5014A	MAC2-22	5667A	MAC92A-23	5657
M51124	1098	M53260	7460	M58732S-1	2708	MA150TP	519	MA1068	5014A	MAC2-23	5667A	MAC92A-24	5657
M51144	1438	M53260P	7460	M75205-1	5870	MA151A	519	MA1068L	5014A	MAC2-24	5667A	MAC92A-25	5657
M51144BP	1438	M53270	7470	M75205-2	5870	MA151B	519	MA1075	5015A	MAC2-25	5667A	MAC92A-26	5657
M51144L	1438	M53270P	7470	M75516-2	160	MA151K-TW	519	MA1075TA	5015A	MAC2-26	5667A	MAC92A-27	5657
M51171L	1301	M53272	7472	M75516-2P	160	MA151WA	596	MA1082	5016A	MAC2-27	5667A	MAC92A-28	5657
M51172	1436	M53272P	7472	M75516-2R	160	MA151WK	596	MA1082H	5016A	MAC2-28	5667A	MAC92A-29	5657
M51172BL	1436	M53273	7473	M75517-1	102A	MA151V	596	MA1082L	5016A	MAC2-29	5667A	MAC92A-30	5657
M51172P	1436	M53273P	7473	M75517-2	102A	MA152WA	596	MA1082M	5016A	MAC2-30	5667A	MAC92A-31	5657
M51173P	1488	M53274	7474	M75536-1	128	MA152WK	596	MA1100	5019A	MAC2-31	5667A	MAC92A-32	5657
M51182	1467	M53274P	7474	M75536-2	128	MA-153	177	MA1110	5020A	MAC2-32	5667A	MAC92A-33	5657
M51182BP	1467	M53275	7475	M75537-2	176	MA154WA	591	MA1110TA	5020A	MAC2-33	5667A	MAC92A-34	5657
M51182L	1467	M53275P	7475	M75537-3	176	MA154WA	591	MA1112	5021A	MAC2-34	5667A	MAC92A-35	5657
M51204	1434	M53276	7476	M75543-1	161	MA154WK	590	MA1120A	5021A	MAC2-35	5667A	MAC92A-36	5657
M51204L	1434	M53276P	7476	M75547-1	108	MA155WA	591	MA1120L	5021A	MAC2-36	5667A	MAC92A-37	5657
M51204LA	1434	M53280	7480	M75547-2	108	MA155WK	590	MA1125	712	MAC2-37	5667A	MAC92A-38	5657
M51247	1173	M53280P	7480	M75549-2	108	MA158	592	MA1128	712	MAC2-38	5667A	MAC92A-39	5657
M51247P	1173	M53283	7483	M75557-1	123A	MA159	519	MA1130	5022A	MAC2-39	5667A	MAC92A-40	5657
M51354	1656	M53283P	7483	M75557-2	123A	MA161	519	MA1130LF	5022A	MAC2-40	5667A	MAC92A-41	5657
M51354AP	1656	M53285P	7485	M75557-3	123A	MA161C	519	MA1150	5024A	MAC2-41	5667A	MAC92A-42	5657
M51354P	1656	M53286	7486	M75557-4	123A	MA161C	519	MA1150A	5024A	MAC2-42	5667A	MAC92A-43	5657
M51355	1653	M53286P	7486	M75557-5	123A	MA161TA	519	MA1180	5027A	MAC2-43	5667A	MAC92A-44	5657
M51355BP	1653	M53289P	7489	M75557-6	123A	MA161TA5	519	MA1200	5029A	MAC2-44	5667A	MAC92A-45	5657
M51355P	1653	M53290P	7490	M75557-7	123A	MA162	519	MA1220	5030A	MAC2-45	5667A	MAC92A-46	5657
M51356	1656	M53290P	7490	M75557-8	129	MA162A	519	MA1240	5031A	MAC2-46	5667A	MAC92A-47	5657
M51356BP	1656	M53291P	7491	M75561-8	129	MA162LF	519	MA1318	102A	MAC2-47	5667A	MAC92A-48	5657
M51356P	1656	M53291P	7491	M75561-10RK	220	MA162TA5	519	MA1700	102	MAC2-48	5667A	MAC92A-49	5657
M51358P	1545	M53291P	7491	M75561-12	221	MA162TP	519	MA1703	102	MAC2-49	5667A	MAC92A-50	5657
M51368P	1413	M53292P	7492	M75561-23RN	221	MA165	519	MA1704	102	MAC2-50	5667A	MAC92A-51	5657
M51375	1418	M53293	7493A	M75561-24	221	MA165TA	519	MA1705	102	MAC2-51	5667A	MAC92A-52	5657
M51375P	1418	M53293	7493A	M75561-25	123	MA166	519	MA1706	102	MAC2-52	5667A	MAC92A-53	5657
M51375AP	1418	M53293P	7493A	M75561-26	123	MA167	519	MA1707	102	MAC2-53	5667A	MAC92A-54	5657
M51375BP	1418	M53295P	7495	M75561-27	123	MA170	519	MA1708	102	MAC2-54	5667A	MAC92A-55	5657
M51389P	1437	M53295P	7495	M75561-28	123	MA171	519	MA1709	102	MAC2-55	5667A	MAC92A-56	5657
M51513L	1366	M53296P	7496	M75561-29	123	MA171TA5	519	MA1710	102	MAC2-56	5667A	MAC92A-57	5657
M51514	1366	M53296P	7496	M75561-30									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MAC40688	56022	MB74LS33C	74LS33	MB74S151	74S151	MB7053C	74S571	MB84016	4016B	MBM2732	2732	MC8797P	6887
MAC40689	56024	MB74LS33M	74LS33	MB74S174	74S174	MB7053M	74S571	MB84016M	4016B	MBM2732-35	2732	MC8798	6888
MAC40690	56026	MB74LS38	74LS38	MB74S175	74S175	MB7053Z	74S571	MB84016M	4016B	MBM2732-35Z	2732	MC8798L	6888
MAC40798	5672	MB74LS42	74LS42	MB7056	74S188	MB7056	74S188	MB84017	4017B	MBM2732-45	2732	MC8798P	6888
MA-ID	506	MB74LS47	74LS47	MB7056C	74S188	MB7056C	74S188	MB84017B	4017B	MBM2732-45Q	2732	MC10	611
MAN1	3050	MB74LS48	74LS48	MB257	116	MB7056M	74S188	MB84019	4019B	MBM2732-45Z	2732	MC19	116
MAN1A	3050	MB74LS49	74LS49	MB258	116	MB7056Z	74S188	MB84019B	4019B	MBM2732A20	2732	MC22	613
MAN10A	3051	MB74LS52	74LS52	MB269	116	MB7057	74S387	MB84020	4020B	MBM2732A20Z	2732	MC78L05	977
MAN5A1	3054	MB74LS74A	74LS74A	MB270	116	MB7057C	74S387	MB84020B	4020B	MBM2732A25	2732	MC78L05ACP	977
MAN52A	3063	MB74LS75	74LS75	MB315	202	MB7057M	74S387	MB84021	4021B	MBM2732A25Z	2732	MC78L05C	977
MAN54A	3059	MB74LS77	74LS77	MB316	204	MB7057Z	74S387	MB84021B	4021B	MBM2732A30	2732	MC78L05CP	977
MAN71A	3052	MB74LS77C	74LS77	MB317	205	MB7058	74S570	MB84022	4022B	MBM2732A30Z	2732	MC78L06AV	988
MAN72A	3061	MB74LS77M	74LS77	MB349	204	MB7058C	74S570	MB84022B	4022B	MBM2732A35	2732	MC78L08	981
MAN73A	3065	MB74LS78A	74LS78	MB400	7400	MB7058M	74S570	MB84023	4023B	MBM2732A35Z	2732	MC78L08ACP	981
MAN74A	3056	MB74LS78AM	74LS78	MB401	7410	MB7058Z	74S570	MB84023B	4023B	MBM2764	2764	MC78L08CP	981
MAN81A	3055	MB74LS83A	74LS83A	MB402	7420	MB7121	74S572	MB84024	4024B	MBM2764-20	2764	MC78L12AC	950
MAN82A	3064	MB74LS85	74LS85	MB403	7430	MB7121C	74S572	MB84024B	4024B	MBM2764-25	2764	MC78L12ACG	950
MAN84A	3066	MB74LS86	74LS86	MB440	7440	MB7121E	74S572	MB84025	4025B	MBM2764-30	2764	MC78L12ACP	950
MAN101	3051	MB74LS91	74LS91	MB405	7450	MB7121EC	74S572	MB84025B	4025B	MBM2764-35	2764	MC78L12AGP	950
MAN101A	3051	MB74LS91C	74LS91	MB406	7460	MB7121EM	74S572	MB84027	4027B	MBM28128-15	2128	MC78L12CG	950
MAN1001	3051	MB74LS91M	74LS91	MB407	7472	MB7121EZ	74S572	MB84027B	4027B	MBM128-15C	2128	MC78L12CP	950
MAN1001A	3051	MB74LS92	74LS92	MB408	7480	MB7121M	74S572	MB84028	4028B	MBM128-15M	2128	MC78L15ACG	951
MAN3610A	3061	MB74LS92M	74LS92	MB410	7410	MB7122	74S573	MB84028B	4028B	MBM128C	2128	MC78L15ACP	951
MAN3620A	3062	MB74LS93	74LS93	MB411	7453	MB7122C	74S573	MB84029	4029B	MBM128M	2128	MC78L15AGP	951
MAN3640A	3058	MB74LS95B	74LS95B	MB416	7401	MB7122EC	74S573	MB84029B	4029B	MBM264	2164	MC78L15CG	951
MAN3720	3061	MB74LS95BC	74LS95B	MB417	7402	MB7122EZ	74S573	MB84030	4030B	MBM264-15	2164	MC78L15CP	951
MAN4510A	3070	MB74LS15M	74LS15	MB418	7404	MB7123	74S473	MB84035	4035B	MBM264-15C	2164	MC78L18ACP	1906
MAN460A	3071	MB74LS107	74LS107	MB420	7420	MB7123C	74S473	MB84035B	4035B	MBM264-15M	2164	MC78L18BCP	1906
MAN4710A	3068	MB74LS109A	74LS109A	MB424	6880	MB7123EM	74S473	MB84040	4040B	MBM264-20	2164	MC78L18CP	1906
MAN4740A	3069	MB74LS113	74LS113	MB424C	6880	MB7123EZ	74S473	MB84040B	4040B	MBM264-20C	2164	MC78L24ACP	1908
MAN6710	3074	MB74LS113M	74LS113	MB424D	6880	MB7124E	74S472	MB84042	4042B	MBM264-20M	2164	MC78L24CP	1908
MAN673A	3076	MB74LS114	74LS114	MB425	8216	MB7124EC	74S472	MB84049	4049	MBM264C	2164	MC78M05CP	960
MAN6740	3075	MB74LS114M	74LS114	MB425M	8216	MB7124EZ	74S472	MB84049B	4049	MBM264M	2164	MC78M05CT	960
MAN6750	3077	MB74LS122	74LS122	MB433	7438	MB7124Z	74S472	MB84050	4050B	MBM265	6664	MC78M06CP	962
MAN6760	3078	MB74LS122C	74LS122	MB434	7438	MB7128E	74S454	MB84050B	4050B	MBM265-15	6664	MC78M06CT	962
MAN6780	3079	MB74LS122M	74LS122	MB435	7437	MB7128EC	74S454	MB84051	4051B	MBM265-15C	6664	MC78M08CP	964
MAN8610	3080	MB74LS123	74LS123	MB440	74123	MB7128EM	74S454	MB84051B	4051B	MBM265-15M	6664	MC78M08CT	964
MAQ7786	123A	MB74LS126A	74LS126	MB442	7412	MB7128EZ	74S454	MB84052	4052B	MBM265-20C	6664	MC78M12CP	966
MAS20	126A	MB74LS126AM	74LS126	MB443	74145	MB7128H	74S454	MB84052B	4052B	MBM265-20M	6664	MC78M12CT	966
MAS21	126A	MB74LS136	74LS136	MB445	74151	MB7128HC	74S454	MB84053	4053B			MC78M15CP	968
MAS22	126A	MB74LS138	74LS138	MB447	74180	MB7128HM	74S454	MB84053B	4053B	MBM265C	6664	MC78M15CT	968
MAS23	126A	MB74LS145	74LS145	MB448	7418	MB7128H	74S454	MB84055	4055B	MBM265M	6664	MC78M18CT	958
MB01	116	MB74LS145C	74LS145	MB449	7486	MB7131E	74S479	MB84055B	4055B	MBR030	585	MC78M24CP	972
MB-1B	125	MB74LS145M	74LS145	MB450	74161	MB7131EC	74S479	MB84056	4056B	MBR115P	585	MC78M24CT	972
MB-1D	558	MB74LS148	74LS148	MB451	74160	MB7131EM	74S479	MB84066	4066B			MC78T05CK	931
MB1F	525	MB74LS148C	74LS148	MB452	7496	MB7131EZ	74S479	MB84066B	4066B	MBR120P	585	MC78T05K	931
MB-1F	558	MB74LS148M	74LS148	MB453	7496	MB7131H	74S479	MB84066BM	4066B	MBR130P	585	MC78T12CK	1912
MB-10	506	MB74LS151	74LS151	MB454	7491	MB7131HC	74S479	MB84068	4068B	MBR140P	585	MC78T12CZK	1912
MB11A01V05	5304	MB74LS153	74LS153	MB455	74198	MB7131HM	74S479	MB84068B	4068B	MBR150P	6084	MC78T12K	933
MB11A01V10	5304	MB74LS156	74LS156	MB456	74191	MB7131HZ	74S479	MB84069	4069B	MBR1530	6084	MC78T15CK	1918
MB11A01V20	5304	MB74LS156M	74LS156	MB457	74190	MB7132E	74S478	MB84071	4071B	MBR1535	6084	MC78T15CP	1918
MB11A01V40	5304	MB74LS157	74LS157	MB458	74181	MB7132EC	74S478	MB84071B	4071B	MBR1535CT	6087	MC79L05	1917
MB11A01V60	5305	MB74LS158	74LS158	MB459	74182	MB7132EM	74S478	MB84072	4072B	MBR1540P	6084	MC79L05A	1917
MB11A01V80	5306	MB74LS158M	74LS158	MB460	74170	MB7132EZ	74S478	MB84072B	4072B	MBR1545CT	6087	MC79L05ACP	1917
MB11A02V05	5312	MB74LS161A	74LS161A	MB461	7489	MB7132H	74S478	MB84073	4073B	MBR1550P	6087	MC79L05ACPL	1917
MB11A02V10	5312	MB74LS163A	74LS163A	MB513A-R	177	MB7132HC	74S478	MB84073B	4073B	MBR2045CT	6087	MC79L05ACP	1917
MB11A02V20	5313	MB74LS164	74LS164	MB513AR	177	MB7132HM	74S478	MB84075	4075B	MBR2535CT	6087	MC79L05CP	961
MB11A02V30	5314	MB74LS165	74LS165	MB601	7400	MB7132HZ	74S478	MB84075B	4075B	MBR3035PT	6090	MC79L12ACP	1903
MB11A02V40	5314	MB74LS165C	74LS165	MB602	7410	MB8102	2102	MB84077	4077B	MBR3035PT	6090	MC79L12ACP	1903
MB11A02V60	5315	MB74LS165M	74LS165	MB603	7420	MB8102A	2102	MB84078	4078B	MBR3035PT	6090	MC79L12ACP	1903
MB11A02V80	5316	MB74LS166	74LS166	MB604	7430	MB8107E	2107	MB84078B	4078B	MBR3520	6084	MC79L12ACP	1903
MB11A02W10	5317	MB74LS166C	74LS166	MB605	7440	MB8107H	2107	MB84078B	4078B	MBR3535	6084	MC79L12ACP	1903
MB11A06V05	5312	MB74LS166M	74LS166	MB606	7450	MB8107N	2107	MB84081B	4081B	MBR3535	6084	MC79L15ACP	1905
MB11A06V10	5312	MB74LS174	74LS174	MB607	7460	MB8114N	2114	MB84082	4082B	MBR4020	6094	MC79L15ACP	1905
MB11A06V20	5313	MB74LS175	74LS175	MB609	7472	MB8116E	2117	MB84082B	4082B	MBR4030	6094	MC79L15CP	1905
MB11A06V30	5314	MB74LS181	74LS181	MB613	74H53	MB816EC	2117	MB84085	4085B	MBR4035	6094	MC79L15CP	1905
MB11A06V40	5314	MB74LS181C	74LS181	MB614	74H21	MB816EP	2117	MB84085B	4085B	MBR4040	6094	MC79L18ACP	1907
MB11A06V60	5315	MB74LS181M	74LS181	MB618	74H78	MB8128-15	2128	MB84089	4089B	MBR6020	6094	MC79L18CP	1909
MB11A06V80	5316	MB74LS191	74LS191	MB2114	2114	MB8128-15C	2128	MB84512	4512B	MBR6035	6094	MC79L24ACP	1909
MB11A06W10	5317	MB74LS193	74LS193	MB2114N	2114	MB8128-15M	2128	MB84518	4518B	MBR6045	6094	MC79L24CP	1909
MB12A10V05	5340	MB74LS194A	74LS194A	MB3104	1195	MB8224	2104	MB84518B	4518B	MB84991	6403	MC79L24CP	1909
MB12A10V10	5340	MB74LS194AC	74LS194A	MB3105	1170	MB8224A	2104	MB84991	6403	MC010	116	MC79L24CP	1909
MB12A10V20	5340	MB74LS194AM	74LS194A	MB3106	1659	MB8224AC	2104	MC015	116	MC015	116	MC79L24CP	1909
MB12A10V30	5342	MB74LS195A	74LS195A	MB3202	1082	MB8224AEP	2104	MC020	116	MC020	116	MC79L24CP	1909
MB12A10V40	5342	MB74LS221	74LS221	MB3602	909D	MB8224H	2104	MC020A	116	MC020A	116	MC79L24CP	1909
MB12A10V60	5342	MB74LS240	74LS240	MB3603	941D	MB8224HE	2104	MC020B	116	MC020B	116	MC79L24CP	1909
MB12A25A60	5326	MB74LS241	74LS241	MB3607	778A	MB8224HP	2104	MC021	116	MC021	116	MC79L24CP	1909
MB12A25V05	5322	MB74LS242	74LS242	MB3608	947D	MB8224H	2104	MC022	116	MC022	116	MC79L24CP	1909
MB12A25V10	5322	MB74LS243	74LS243	MB3609	941M	MB8224HC	2104	MC023	116	MC023	116	MC79L24CP	1909
MB12A25V20	5322	MB74LS244	74LS244	MB3614	987	MB8224N	2104	MC024	116	MC024	116	MC79L24CP	1909
MB12A25V30	5324	MB74LS247	74LS247	MB3705	1								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MC677P	9677	MC878P	9976	MC1416P	2014	MC3001P	74H08	MC5321	177	MC6880L	6880	MC7724CP	972
MC678P	9678	MC879P	9976	MC1422P1	833	MC3004L	74H01	MC6807	136A	MC6880P	6880	MC7805	960
MC679P	9679	MC880P	9989	MC1455D	955SM	MC3004P	74H01	MC6807A	136A	MC6885	6885	MC7805CK	960
MC680P	9680	MC881P	9989	MC1455P1	955SM	MC3005L	74H10	MC6808	137A	MC6885L	6885	MC7805CP	960
MC681P	9681	MC911	591	MC1458	778A	MC3005P	74H10	MC6808A	137A	MC6885P	6885	MC7805CT	960
MC682P	9682	MC916G	OBS-NLA	MC1458C	778A	MC3006L	74H11	MC6810A	5071A	MC6886	6886	MC7805SP	960
MC683P	9683	MC921	590	MC1458CP	778A	MC3006P	74H11	MC6811A	138A	MC6886L	6886	MC7806CP	962
MC684P	9684	MC944	9944	MC1458CP1	778A	MC3008L	74H04	MC6812A	5072A	MC6886P	6886	MC7806CT	962
MC685P	9685	MC944L	9944	MC1458G	778A	MC3008P	74H04	MC6813A	139A	MC6887	6887	MC7806CP	964
MC686P	9686	MC1202P	2040	MC1458P	778A	MC3009L	74H05	MC6814	140A	MC6887L	6887	MC7806CT	964
MC688P	9688	MC1303	725	MC1458P1	778A	MC3009P	74H05	MC6814A	140A	MC6887P	6887	MC7812CK	1914
MC689P	9689	MC1303L	725	MC1458V	778A	MC3010L	74H20	MC6815A	5074A	MC6888	6888	MC7812CP	966
MC690P	9690	MC1303P	725	MC1460	946S	MC3010P	74H20	MC6816	142A	MC6888L	6888	MC7812CT	966
MC691P	9691	MC1304P	718	MC1460R	946S	MC3011L	74H21	MC6816A	142A	MC6889P	6889	MC7815CK	1916
MC696P	9696	MC1304PQ	718	MC1461R	946S	MC3011P	74H21	MC6817A	143A	MC6889L	6889	MC7815CP	968
MC700G	9900	MC1305P	720	MC1468L	921	MC3012L	74H22	MC6818	145A	MC6889P	6889	MC7815CT	968
MC703G	9903	MC1305P-C	720	MC1488	75188	MC3012P	74H22	MC6818A	145A	MC7400C	7400	MC7815CK-Z	1920
MC704G	9904	MC1305PQ	720	MC1488CL	75188	MC3016L	74H30	MC6819A	5075A	MC7400L	7400	MC7818CK	1920
MC705G	9905	MC1306P	745	MC1488CP	75188	MC3016P	74H30	MC6820A	5077A	MC7400P	7400	MC7818CT	958
MC706G	9906	MC1307	722	MC1488F	75188	MC3018L	74H62	MC6821A	5079A	MC7401L	7401	MC7818CT	958
MC707G	9907	MC1307P	722	MC1488J	75188	MC3018P	74H62	MC6822A	5080A	MC7401P	7401	MC7818GT	958
MC708G	9908	MC1307PQ	722	MC1488L	75188	MC3019L	74H61	MC6823A	5081A	MC7402L	7402	MC7824CP	1924
MC709G	9909	MC1309C	1226	MC1488N	75188	MC3019P	74H61	MC6824	146A	MC7402P	7402	MC7824CT	972
MC710G	9910	MC1309C	1226	MC1488P	75188	MC3020L	74H50	MC6824A	5084A	MC7403P	7403	MC7824CT	972
MC711G	9911	MC1309P	1226	MC1489	75189	MC3020P	74H50	MC6825A	5084A	MC7403P	7403	MC7824CT	972
MC712G	9912	MC1310	801	MC1489A	75189	MC3021L	74H86	MC6826	147A	MC7404L	7404	MC7824CT	972
MC713G	9913	MC1310A	801	MC1489AP	75189	MC3021P	74H86	MC6826A	147A	MC7404P	7404	MC7824CT	972
MC714G	9914	MC1310P	801	MC1489CL	75189	MC3023L	74H51	MC6827A	5085A	MC7405P	7405	MC7824CT	972
MC715G	9915	MC1310P	801	MC1489CP	75189	MC3023P	74H51	MC6828A	5086A	MC7406P	7406	MC7824CT	972
MC716G	9916	MC1311P	743	MC1489F	75189	MC3024L	74H40	MC6829A	5087A	MC7406P	7406	MC7824CT	972
MC717P	OBS-NLA	MC1312P	799	MC1489J	75189	MC3024P	74H40	MC6830A	5088A	MC7407P	7407	MC7824CT	972
MC721G	9921	MC1312P	799	MC1489L	75189	MC3030L	74H60	MC68107	136A	MC7407P	7407	MC7824CT	972
MC723G	OBS-NLA	MC1314G	704	MC1489N	75189	MC3030P	74H60	MC68107A	137A	MC7408P	7408	MC7824CT	972
MC723P	OBS-NLA	MC1314P	802	MC1489P	75189	MC3031P	74H62	MC68108	137A	MC7408P	7408	MC7824CT	972
MC724P	9924S	MC1315P	803	MC1496	973	MC3031P	74H62	MC68108A	137A	MC7408P	7408	MC7824CT	972
MC726G	9926	MC1316	814A	MC1496A	973D	MC3032L	74H53	MC68110A	5071A	MC7409L	7409	MC7824CT	972
MC727G	9927	MC1316P	814A	MC1496G	973	MC3032P	74H53	MC68111A	138A	MC7409P	7409	MC7824CT	972
MC728G	9928	MC1316P	814A	MC1496N	973D	MC3033L	74H54	MC68112A	5072A	MC7410P	7410	MC7824CT	972
MC729G	9929	MC1316P	814A	MC1496P	973D	MC3033P	74H54	MC68113A	139A	MC7410P	7410	MC7824CT	972
MC730G	9930	MC1316P	814A	MC1496P	973D	MC3034L	74H55	MC68114A	140A	MC7411P	7411	MC7824CT	972
MC731G	9931	MC1324P	739	MC1521	116	MC3034P	74H55	MC68115A	5074A	MC7411P	7411	MC7824CT	972
MC732G	9932	MC1324P	739	MC1522(Diode)	116	MC3034P	74H55	MC68116A	142A	MC7412P	7412	MC7824CT	972
MC733G	9933	MC1324P	739	MC1523(Diode)	116	MC3035L	74H72	MC68117A	142A	MC7412P	7412	MC7824CT	972
MC734G	9934	MC1324P	739	MC1524(Diode)	116	MC3035P	74H72	MC68118A	145A	MC7412P	7412	MC7824CT	972
MC735G	9935	MC1324P	739	MC1527(Diode)	125	MC3035P	74H72	MC68118A	145A	MC7412P	7412	MC7824CT	972
MC736G	9936	MC1324P	739	MC1528(Diode)	125	MC3036P	74H72	MC68119A	5075A	MC7412P	7412	MC7824CT	972
MC737G	9937	MC1324P	739	MC1529(Diode)	125	MC3036P	74H72	MC68120A	5077A	MC7412P	7412	MC7824CT	972
MC738G	9938	MC1324P	739	MC1530G	817	MC3036P	74H72	MC68121A	5079A	MC7412P	7412	MC7824CT	972
MC739G	9939	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68122A	5080A	MC7412P	7412	MC7824CT	972
MC740G	9940	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68123A	5081A	MC7412P	7412	MC7824CT	972
MC741G	9941	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68124A	5082A	MC7412P	7412	MC7824CT	972
MC742G	9942	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68125A	5083A	MC7412P	7412	MC7824CT	972
MC743G	9943	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68126A	5084A	MC7412P	7412	MC7824CT	972
MC744G	9944	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68127A	5085A	MC7412P	7412	MC7824CT	972
MC745G	9945	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68128A	5086A	MC7412P	7412	MC7824CT	972
MC746G	9946	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68129A	5087A	MC7412P	7412	MC7824CT	972
MC747G	9947	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68130A	5088A	MC7412P	7412	MC7824CT	972
MC748G	9948	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68131A	5089A	MC7412P	7412	MC7824CT	972
MC749G	9949	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68132A	5090A	MC7412P	7412	MC7824CT	972
MC750G	9950	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68133A	5091A	MC7412P	7412	MC7824CT	972
MC751G	9951	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68134A	5092A	MC7412P	7412	MC7824CT	972
MC752G	9952	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68135A	5093A	MC7412P	7412	MC7824CT	972
MC753G	9953	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68136A	5094A	MC7412P	7412	MC7824CT	972
MC754G	9954	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68137A	5095A	MC7412P	7412	MC7824CT	972
MC755G	9955	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68138A	5096A	MC7412P	7412	MC7824CT	972
MC756G	9956	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68139A	5097A	MC7412P	7412	MC7824CT	972
MC757G	9957	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68140A	5098A	MC7412P	7412	MC7824CT	972
MC758G	9958	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68141A	5099A	MC7412P	7412	MC7824CT	972
MC759G	9959	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68142A	5100A	MC7412P	7412	MC7824CT	972
MC760G	9960	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68143A	5101A	MC7412P	7412	MC7824CT	972
MC761G	9961	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68144A	5102A	MC7412P	7412	MC7824CT	972
MC762G	9962	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68145A	5103A	MC7412P	7412	MC7824CT	972
MC763G	9963	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68146A	5104A	MC7412P	7412	MC7824CT	972
MC764G	9964	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68147A	5105A	MC7412P	7412	MC7824CT	972
MC765G	9965	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68148A	5106A	MC7412P	7412	MC7824CT	972
MC766G	9966	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68149A	5107A	MC7412P	7412	MC7824CT	972
MC767G	9967	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68150A	5108A	MC7412P	7412	MC7824CT	972
MC768G	9968	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68151A	5109A	MC7412P	7412	MC7824CT	972
MC769G	9969	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68152A	5110A	MC7412P	7412	MC7824CT	972
MC770G	9970	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68153A	5111A	MC7412P	7412	MC7824CT	972
MC771G	9971	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68154A	5112A	MC7412P	7412	MC7824CT	972
MC772G	9972	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68155A	5113A	MC7412P	7412	MC7824CT	972
MC773G	9973	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68156A	5114A	MC7412P	7412	MC7824CT	972
MC774G	9974	MC1324P	739	MC1530P	946S	MC3037L	74H72	MC68157A					

◆, #, @, *, ▲, %, ●, +, §, ± - See Special Notes Page 2 - 2

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MCR3835-7	5519	MD8001	81	MDC55-04g08	5712	MEB20C4	5700	MGLA47	135A	MH920H02	500A	MH1203B14	523
MCR3835-8	5519	MD8002	81	MDC55-06g08	5712	MEB20C6	5700	MGLA47A	5069A	MH920H04	500A	MH1203B15	523
MCR3835-9	5521	MD8003	81	MDC55-08g08	5712	MEB30B4	5700	MGLA47B	135A	MH920H05	500A	MH1203C01	523
MCR3835-10	5522	MDA111BE	4511B	MDC55-12g08	5712	MEB30B6	5700	MGLA51	135A	MH920H06	500A	MH1203C02	523
MCR3835-11	5522	MDA100	166	MDC90-04g08	5722	MEB30C4	5700	MGLA51A	135A	MH920J01	500A	MH1203E01	523
MCR3835-12	5522	MDA100A	166	MDC90-06g08	5722	MEB30C6	5700	MGLA51B	135A	MH920J02	500A	MH1203F01	523
MCR3835-13	5522	MDA101A	166	MDC90-08g08	5722	MEF-25	123A	MGLA56	136A	MH920L01	433/500A	MH1203F02	523
MCR3835-14	5522	MDA101A	166	MDC90-12g08	5722	MEF4222	312	MGLA56A	136A	MH920P01	500A	MH1203G01	523
MCR3835-15	5522	MDA102	167	MDCZ151TOUT	2V150	MEF5486	312	MGLA56B	136A	MH931	522	MH1204D01	523/3306
MCR3835-16	5529	MDA102A	167	MDCZ15110UL	2V150	MEK730	3017	MGLA62	137A	MH931A01	522	MH1204A01	523/3306
MCR3835-17	5529	MDA104	168	MDD25-04N1	6220	MEM551	463	MGLA62A	137A	MH931A02	522	MH1204A02	523
MCR3835-18	5541	MDA104A	168	MDD25-06N1	6220	MEM562	465	MGLA62B	137A	MH931A04	522	MH1204C01	523
MCR3835-19	5541	MDA106	169	MDD25-08N1	6220	MEM562C	465	MGLA68B	5071A	MH931A05	522	MH1204C02	523
MCR3835-20	5543	MDA106A	169	MDD25-12N1	6220	MEM563	465	MGLA82B	5072A	MH931A06	522	MH1204D02	523/3306
MCR3835-21	5545	MDA108	170	MDD42-04N1	6220	MEM563C	465	MGLA91	139A	MH931A07	522	MH1204D03	523/3306
MCR3835-22	5545	MDA108A	170	MDD42-06N1	6220	MEM564C	222	MGLA91A	139A	MH931D01	522	MH1204E01	523
MCR3835-23	5547	MDA111	170	MDD42-08N1	6220	MEM614	454	MGLA91B	139A	MH931D02	522	MH1204H01	523/3306
MCR3835-24	5547	MDA110A	170	MDD42-12N1	6220	MEM616	222	MGLA100	140A	MH932	500A	MH1204K02	523
MCR3835-25	5548	MDA200	166	MDD55A06N	6220	MEM630	222	MGLA100A	140A	MH932A01	500A	MH1204L01	523/3306
MCR3835-26	5548	MDA201	166	MDD55A08N	6220	MEM680	222	MGLA100B	140A	MH943	534	MH1205A01	523/3306
MCR3835-27	5548	MDA202	167	MDD55A12N	6220	MEM680Y	222	MH67	116	MH943A01	534	MH1206	530
MCR3835-28	5548	MDA204	168	MDD95A06N	6230	MEN60	222	MH68	116	MH943C01	534	MH1206A01	530
MCR3835-29	5548	MDA206	169	MDD95A08N	6230	MEN680	222	MH70	116	MH943A01	534	MH1206A02	530
MCR3835-30	5548	MDA208	170	MDD95A12N	6230	MEN680Y	222	MH71	116	MH945B01	530	MH1207	530
MCR3835-31	5548	MDA210	170	MDP173	177	ME0404-1	159	MH72	125	MH946E01	530	MH1207A01	530
MCR3835-32	5548	MDA400	5329	MDS20	171	ME0404-2	159	MH350L12K	543	MH970A	531	MH1209	530
MCR3835-33	5548	MDA401	5329	MDS21	171	MEF-65-L11324	519	MH353	536A	MH970A01	533	MH1209B01	530
MCR3835-34	5548	MDA402	5329	MDS26	186	MEZ5.6T5	136A	MH353A	536A	MH970A02	533	MH1209B02	530
MCR3835-35	5548	MDA404	5330	MDS27	186	MEZ5.6T110	136A	MH353A01	536A	MH970A03	533	MH1209D01	530
MCR3835-36	5548	MDA406	5330	MDS31	160	MEZ12T5	142A	MH353A02	536A	MH970A06	533	MH1209K01	530
MCR3835-37	5548	MDA800	5322	MDS32	160	MEZ12T10	142A	MH353B	536A	MH970A07	533	MH1209L01	530
MCR3835-38	5548	MDA801	5322	MDS33	160	MEZ15T5	145A	MH353B02	536A	MH970B01	533	MH1220	530
MCR3835-39	5548	MDA802	5322	MDS33A	160	MEZ15T10	145A	MH353B03	536A	MH970C01	533	MH1220A01	530
MCR3835-40	5548	MDA804	5324	MDS33C	160	MEZ27T5	146A	MH353C01A	536A	MH970C02	533	MH1221	523/3306
MCR3835-41	5548	MDA806	5326	MDS33D	160	MEZ27T10	146A	MH353C02A	536A	MH970C05	533	MH1221A01	523/3306
MCR3835-42	5548	MDA920-1	5332	MDS34	160	MF12/16	502	MH353C03A	536A	MH970C06	537	MH1221AO2	523/3306
MCR3835-43	5548	MDA920-2	5332	MDS35	126A	MF15/1B	503	MH354	500A	MH970E01	537	MH1221E02	523
MCR3835-44	5548	MDA920-3	5332	MDS36	160	MF15/1b	503	MH354B-01	500A	MH970E02	537	MH1221E03	523
MCR3835-45	5548	MDA920-4	5332	MDS37	160	MF15/1b	502	MH401	525	MH970G01	537	MH1221F01	523/3306
MCR3835-46	5548	MDA920-5	166	MDS38	160	MF15/16	502	MH500	116	MH970G02	533	MH1221T03	564
MCR3835-47	5548	MDA922-1	166	MDS39	160	MF15/B	503	MH670	116	MH970L02	533	MH1222	529
MCR3835-48	5548	MDA922-2	166	MDS40	160	MF-20	503	MH680	116	MH980A	537	MH1222A01	529
MCR3835-49	5548	MDA922-3	166	MDS40	160	MF20/1B	503	MH700	116	MH980A01	537	MH1222A02	529
MCR3835-50	5548	MDA922-4	166	MDS40	160	MF20/1b	503	MH710	116	MH980A02	537	MH1222A03	535
MCR3835-51	5548	MDA922-5	166	MDS40	160	MF20/1b	503	MH720	125	MH980A03	537	MH1222A04	549
MCR3835-52	5548	MDA922-6	166	MDS40	160	MF20/1b	503	MH730	125	MH980A04	537	MH1222E04	549
MCR3835-53	5548	MDA922-7	166	MDS40	160	MF20/1b	503	MH909A01	563	MH980A05	537	MH1222E05	559
MCR3835-54	5548	MDA922-8	166	MDS40	160	MF20/1b	503	MH913	522	MH980A06	537	MH1230Z02	560
MCR3835-55	5548	MDA922-9	166	MDS40	160	MF20/1b	503	MH913-5	522	MH980A07	537	MH1230Z03	560
MCR3835-56	5548	MDA922-10	166	MDS40	160	MF20/1b	503	MH913A01	522	MH980A08	537	MH1230Z04	561
MCR3835-57	5548	MDA922-11	166	MDS40	160	MF20/1b	503	MH913A02	522	MH980A09	537	MH1230Z05	562
MCR3835-58	5548	MDA922-12	166	MDS40	160	MF20/1b	503	MH913A03	522	MH980A10	537	MH1501	192
MCR3835-59	5548	MDA922-13	166	MDS40	160	MF20/1b	503	MH913A04	522	MH980A11	537	MH1502	193
MCR3835-60	5548	MDA922-14	166	MDS40	160	MF20/1b	503	MH913A05	522	MH980A12	537	MH9410A	128
MCR3835-61	5548	MDA922-15	166	MDS40	160	MF20/1b	503	MH913A06	522	MH980A13	537	MH9460A	129
MCR3835-62	5548	MDA922-16	166	MDS40	160	MF20/1b	503	MH913A07	522	MH980A14	537	MH9623	123A
MCR3835-63	5548	MDA922-17	166	MDS40	160	MF20/1b	503	MH913A08	522	MH980A15	537	MH9630	123A
MCR3835-64	5548	MDA922-18	166	MDS40	160	MF20/1b	503	MH913A09	522	MH980A16	537	MH9630E	184
MCR3835-65	5548	MDA922-19	166	MDS40	160	MF20/1b	503	MH913A10	522	MH980A17	537	MH9630F	108
MCR3835-66	5548	MDA922-20	166	MDS40	160	MF20/1b	503	MH913A11	522	MH980A18	537	MH9630G	108
MCR3835-67	5548	MDA922-21	166	MDS40	160	MF20/1b	503	MH913A12	522	MH980A19	537	MH9630H	108
MCR3835-68	5548	MDA922-22	166	MDS40	160	MF20/1b	503	MH913A13	522	MH980A20	537	MH9630I	108
MCR3835-69	5548	MDA922-23	166	MDS40	160	MF20/1b	503	MH913A14	522	MH980A21	537	MH9630J	108
MCR3835-70	5548	MDA922-24	166	MDS40	160	MF20/1b	503	MH913A15	522	MH980A22	537	MH9630K	108
MCR3835-71	5548	MDA922-25	166	MDS40	160	MF20/1b	503	MH913A16	522	MH980A23	537	MH9630L	108
MCR3835-72	5548	MDA922-26	166	MDS40	160	MF20/1b	503	MH913A17	522	MH980A24	537	MH9630M	108
MCR3835-73	5548	MDA922-27	166	MDS40	160	MF20/1b	503	MH913A18	522	MH980A25	537	MH9630N	108
MCR3835-74	5548	MDA922-28	166	MDS40	160	MF20/1b	503	MH913A19	522	MH980A26	537	MH9630O	108
MCR3835-75	5548	MDA922-29	166	MDS40	160	MF20/1b	503	MH913A20	522	MH980A27	537	MH9630P	108
MCR3835-76	5548	MDA922-30	166	MDS40	160	MF20/1b	503	MH913A21	522	MH980A28	537	MH9630Q	108
MCR3835-77	5548	MDA922-31	166	MDS40	160	MF20/1b	503	MH913A22	522	MH980A29	537	MH9630R	108
MCR3835-78	5548	MDA922-32	166	MDS40	160	MF20/1b	503	MH913A23	522	MH980A30	537	MH9630S	108
MCR3835-79	5548	MDA922-33	166	MDS40	160	MF20/1b	503	MH913A24	522	MH980A31	537	MH9630T	108
MCR3835-80	5548	MDA922-34	166	MDS40	160	MF20/1b	503	MH913A25	522	MH980A32	537	MH9630U	108
MCR3835-81	5548	MDA922-35	166	MDS40	160	MF20/1b	503	MH913A26	522	MH980A33	537	MH9630V	108
MCR3835-82	5548	MDA922-36	166	MDS40	160	MF20/1b	503	MH913A27	522	MH980A34	537	MH9630W	108
MCR3835-83	5548	MDA922-37	166	MDS40	160	MF20/1b	503	MH913A28	522	MH980A35	537	MH9630X	108
MCR3835-84	5548	MDA922-38	166	MDS40	160	MF20/1b	503	MH913A29	522	MH980A36	537	MH9630Y	108
MCR3835-85	5548	MDA922-39	166	MDS40	160	MF20/1b	503	MH913A30	522	MH980A37	537	MH9630Z	108
MCR3835-86	5548	MDA922-40	166	MDS40	160	MF20/1b	503	MH913A31	522	MH980A38	537	MH9630A	108
MCR3835-87	5548	MDA922-41	166	MDS40	160	MF20/1b	503	MH913A32	522	MH980A39	537	MH9630B	108
MCR3835-88	5548	MDA922-42	166	MDS40	160	MF20/1b	503	MH913A33	522	MH980A40	537	MH9630C	108
MCR3835-89	5548	MDA922-43	166	MDS40	160	MF20/1b	503	MH913A34	522	MH980A41	537	MH9630D	108
MCR3835-90	5548	MDA922-44	166	MDS40	160	MF20/1b	503	MH913A35	522	MH980A42	537	MH9630E	108
MCR3835-91													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MI-152A	125(2)	MIC7442N	7442	MIC74195N	74195	MJ10004	98	MJE801T	261	MK1V-125	6419	ML307S	976
MI-152R	125(2)	MIC7443J	7443	ML31	3007	MJ10004P	256	MJE802	253	MK-10	312	ML703CM	909
MI-152RA	125(2)	MIC7443J	7443	ML32	3007	MJ10005	98	MJE802T	261	MK10	312	ML709CT	909
MI-152RA	125(2)	MIC7444J	7444	ML38	3007	MJ10005P	256	MJE803	253	MK10-2	312	ML741CM	941D
MI-301	177	MIC7444N	7444	MLB51	3020	MJ10005P-1	256	MJE803T	261	MK10-E	312	ML741CS	941M
MI301	177	MIC7445J	7445	MIS13674/47	234	MJ10006	97	MJE1090	258	MK279-14(Zenith)	5014A	ML741CT	941
MI1546	108	MIC7445N	7445	MIS14150-18	101	MJ10007	97	MJE1091	258	MK2111C05	539	ML747CP	94D
MI9623	123A	MIC7446J	7446	MIS-14150-18A	101	MJ10008	98	MJE1092	258	MK2147	2147	ML747CT	94D
MI9630	123A	MIC7446N	7446	MIS14150/37	154	MJ10009	98	MJE1093	258	MK2147-55	2147	ML748CS	975
MIC709-5(D.I.P.)	909D	MIC7447J	7447	MIS-18101-3	9930	MJ10010	98	MJE1100	257	MK2147-90	2147	ML924	1757
MIC709-5(Metal Can)	909	MIC7447N	7447	MIS-18101-4	9932	MJ10011	99	MJE1101	257	MK2147J-55	2147	ML1310P	801
MIC710-5(Metal Can)	910	MIC7448J	7448	MIS-18101-5	9945	MJ10022	99	MJE1102	257	MK2147J-70	2147	ML1458S	778A
MIC710-5(DIP)	910D	MIC7450J	7450	MJ105	165	MJ10023	99	MJE1103	257	MK2147J-90	2147	ML2005P	960
MIC710-5C	910	MIC7450N	7450	MJ400	124	MJ11011	2350	MJE1909	235	MK2147N-55	2147	ML2812	177
MIC711-5(D.I.P.)	911D	MIC7451J	7451	MJ408	283	MJ11012	2349	MJE2090	262	MK2147N-70	2147	ML8204	1648
MIC711-5(Metal Can)	911	MIC7451N	7451	MJ410	94	MJ11013	2350	MJE2091	262	MK2147N-90	2147	ML8205	1649
MIC723-5(DIP)	923D	MIC7453J	7453	MJ411	94	MJ11014	2349	MJE2092	262	MK2708T	2708	MLD71	3029A
MIC741-5(Metal Can)	941D	MIC7453N	7453	MJ413	385	MJ11015	2350	MJE2093	262	MK2716T	2716	MLED92	3029A
MIC741-5(D.I.P.)	941D	MIC7454J	7454	MJ420	154	MJ11016	2349	MJE2100	261	MK3800	1136	MLED650	3020
MIC930-5D	9930	MIC7454N	7454	MJ421	396	MJ11028	2349	MJE2101	261	MK3880J	3880	MLED655	3020
MIC930-5P	9930	MIC7460J	7460	MJ423	385	MJ11029	2350	MJE2103	261	MK3880J-4	3880	MLM2930	3028
MIC931-5D	9931	MIC7460N	7460	MJ424	283	MJ11030	2349	MJE2360	198	MK3880N	3880	MLM201AG	1171
MIC931-5P	9931	MIC7470N	7470	MJ425	283	MJ11031	2350	MJE2360T	198	MK3880N-4	3880	MLM224L	987
MIC932-5D	9932	MIC7472J	7472	MJ431	53	MJ11032	2349	MJE2361	198	MK3880P	3880	MLM224P	987
MIC932-5P	9932	MIC7472N	7472	MJ450	180	MJ11033	2350	MJE2361T	198	MK3880P-4	3880	MLM239AL	834
MIC933-5D	9933	MIC7473J	7473	MJ480	130	MJ12002	389	MJE2370	242	MK3881J	3881	MLM301AG	1171
MIC933-5P	9933	MIC7473N	7473	MJ481	130	MJ12003	389	MJE2371	242	MK3881J-4	3881	MLM301AP	975
MIC935-5D	9935	MIC7474J	7474	MJ490	230	MJ12004	165	MJE2480	241	MK3881N	3881	MLM301AU	975
MIC935-5P	9935	MIC7474N	7474	MJ491	281	MJ12005	238	MJE2481	241	MK3881N-4	3881	MLM307P	976
MIC936-5D	9936	MIC7475J	7475	MJ703N	703	MJ13014	385	MJE2482	241	MK3881P	3881	MLM307U	976
MIC936-5P	9936	MIC7475N	7475	MJ802	181	MJ13015	2319	MJE2483	241	MK3881P-4	3881	MLM308AG	938
MIC937-5D	9937	MIC7476J	7476	MJ802	181	MJ13070	52	MJE2490	242	MK3882J	3882	MLM308AU	938M
MIC937-5P	9937	MIC7476N	7476	MJ901	244	MJ13071	52	MJE2491	242	MK3882J-4	3882	MLM308B	938
MIC941-5D	9941	MIC7480J	7480	MJ901	244	MJ13080	2319	MJE2520	241	MK3882N	3882	MLM308P	938M
MIC941-5P	9941	MIC7480N	7480	MJ1000	243	MJ13081	2319	MJE2521	241	MK3882N-4	3882	MLM308U	938M
MIC944-5D	9944	MIC7481J	7481	MJ1001	243	MJ13090	2319	MJE2522	241	MK3882P	3882	MLM309K	309K
MIC944-5P	9944	MIC7481N	7481	MJ1800	162	MJ13091	2319	MJE2523	241	MK3882P-4	3882	MLM310G	924
MIC945-5D	9945	MIC7482J	7482	MJ2249	384	MJ13330	386	MJE2801	182	MK4027J-3	2104	MLM310P	924M
MIC945-5P	9945	MIC7482N	7482	MJ2251	124	MJ13332	386	MJE2801T	331	MK4027N-3	2104	MLM311G	922
MIC946-5D	9946	MIC7483J	7483	MJ2252	124	MJ13333	386	MJE2901	183	MK4027P-3	2104	MLM311P	922M
MIC946-5P	9946	MIC7483N	7483	MJ2253	218	MJ13334	386	MJE2901T	332	MK4096K	2104	MLM324L	987
MIC948-5D	9948	MIC7486J	7486	MJ2254	218	MJ13335	386	MJE2940	242	MK4096K-6	2104	MLM324P	987
MIC948-5P	9948	MIC7486N	7486	MJ2255	218	MJ15001	60	MJE2955	183	MK4096K-11	2104	MLM324P	987
MIC949-5D	9949	MIC7490J	7490	MJ2268	285	MJ15002	68	MJE2955T	332	MK4096K-16	2104	MLM331G	922
MIC949-5P	9949	MIC7490N	7490	MJ2500	246	MJ15003	60	MJE3054	241	MK4096N-6	2104	MLM339AL	834
MIC950-5D	9950	MIC7491J	7491	MJ2501	246	MJ15004	61	MJE3054	241	MK4096N-11	2104	MLM339P	834
MIC950-5P	9950	MIC7491N	7491	MJ2801	130	MJ15011G	68	MJE3055K	182	MK4096N-16	2104	MLM358G	928
MIC951-5D	9951	MIC7492J	7492	MJ2802	130	MJ15012	68	MJE3055T	331	MK4102	2102	MLM358P	928M
MIC951-5P	9951	MIC7492N	7492	MJ2820	284	MJ15012G	88	MJE3300	2345	MK4102-1	2102	MLM358U	928M
MIC961-5D	9961	MIC7493J	7493A	MJ2841	284	MJ15015	388	MJE3301	2345	MK4102-2	2102	MLM565GP	989
MIC961-5P	9961	MIC7493N	7493A	MJ2901	219	MJ15016	68	MJE3302	2345	MK4102J	2102	MLM2901P	834
MIC962-5D	9962	MIC7494J	7494	MJ2901	219	MJ15017	68	MJE3303	2345	MK4102J-1	2102	MLM2902P	987
MIC962-5P	9962	MIC7494N	7494	MJ2955A	219	MJ15022	388	MJE3304	2346	MK4102N	2102	MLM343A	5068A
MIC963-5D	9963	MIC7495J	7495	MJ3000	245	MJ15023	388	MJE3311	2346	MK4102N-1	2102	MLN339A	5067A
MIC963-5P	9963	MIC7495N	7495	MJ3001	245	MJ15024	388	MJE3312	2346	MK4102P	2102	MLN351A	5116A
MIC2114-35	2114	MIC7496J	7496	MJ3002	162	MJ15025	68	MJE3439	2327	MK4102P-1	2102	MLN356A	136A
MIC2114-45	2114	MIC7496N	7496	MJ3003	162	MJ15531	68	MJE3440	157	MK4116-3	2117	MLN362A	137A
MIC7400J	7400	MIC9093-5D	9093	MJ3011	163A	MJ15532	68	MJE3520	249	MK4116-4	2117	MLN368A	5071A
MIC7400N	7400	MIC9093-5P	9094	MJ3026	162	MJ34000	243	MJE3740	242	MK4116J-3	2117	MLN375A	138A
MIC7401J	7401	MIC9094-5D	9094	MJ3029	94	MJ29	291	MJE3741	242	MK4116J-4	2117	MLN382A	5072A
MIC7401N	7401	MIC9094-5P	9097	MJ3028	94	MJE34	153	MJE4340	2305	MK4116J-44GP	2117	MLN391A	139A
MIC7402J	7402	MIC9095-5D	9097	MJ3029	94	MJE104	183	MJE4341	2305	MK4116J-53GP	2117	MLN3910A	140A
MIC7402N	7402	MIC9095-5P	9099	MJ3030	94	MJE105	183	MJE4342	2305	MK4116N-3	2117	MLN391A	140A
MIC7403J	7403	MIC9095-5P	9099	MJ3040	98	MJE105K	242	MJE4343	2305	MK4116N-4	2117	MLV746A	5066A
MIC7403N	7403	MIC9095-5P	9099	MJ3041	98	MJE170	185	MJE4350	2306	MK4116N-4	2117	MLV747A	134A
MIC7404J	7404	MIC74107J	74107	MJ3042	98	MJE171	185	MJE4351	2306	MK4116N-44GP	2117	MLV748A	5067A
MIC7404N	7404	MIC74107N	74107	MJ3101	384	MJE172	185	MJE4352	2306	MK4116N-44GP	2117	MLV749A	5068A
MIC7405J	7405	MIC74109	74109	MJ3201	124	MJE180	184	MJE4353	2306	MK4564-15	2164	MLV751A	116A
MIC7405N	7405	MIC74109N	74109	MJ3260	283	MJE182	184	MJE5192	184	MK4564-25	2164	MLV752A	136A
MIC7406J	7406	MIC74121J	74121	MJ3430	385	MJE200E	186A	MJE5197	183	MK4564-25	2164	MLV753A	137A
MIC7406N	7406	MIC74121N	74121	MJ3480	165	MJE201	186	MJE5976	183	MK4564-15	2164	MLV754A	5071A
MIC7407J	7407	MIC74122J	74122	MJ3520	182	MJE205	182	MJE5977	183	MK4564-20	2164	MLV755A	138A
MIC7407N	7407	MIC74122N	74122	MJ3521	245	MJE205K	241	MJE5978	182	MK4564-25	2164	MLV756A	5072A
MIC7408J	7408	MIC74123J	74123	MJ3701	218	MJE240	184	MJE5979	182	MK4564N-15	2164	MLV757A	139A
MIC7408N	7408	MIC74123N	74123	MJ3771(Audio)	181	MJE241	184	MJE5980	183	MK4564N-20	2164	MLV758A	140A
MIC7409J	7409	MIC74141J	74141	MJ3772(Audio)	181	MJE242	184	MJE5981	183	MK4564N-25	2164	MLV4371A	5063A
MIC7409N	7409	MIC74141N	74141	MJ3773	388	MJE250	185	MJE5982	183	MK4564N-30	2164	MLV4372A	5065A
MIC7410J	7410	MIC74145J	74145	MJ4000	243	MJE251	185	MJE5983	182	MK4564P-15	2164	MM0	116
MIC7410N	7410	MIC74145N	74145	MJ4001	243	MJE252	185	MJE5984	182	MK4564P-25	2164	MM2	116
MIC7411J	7411	MIC74150J	74150	MJ4010	244	MJE340	157	MJE5985	182	MK4564P-25	2164	MM4	116
MIC7411N	7411	MIC74150N	74150	MJ4011	244	MJE340K	157	MJE5986	182	MK5089J	1690	MM5	116
MIC7412J	7412	MIC74151J	74151	MJ4030	250	MJE341	157	MJE5987	182	MK5089N	1690	MM6	116
MIC7412N	7412	MIC74151N	74151	MJ4031	250	MJE344	157	MJE6041	260	MK5089P	1690	MM7	125
MIC7413J	7413	MIC74153J	74153	MJ4032	250	MJE350	39	MJE6042	260	MK5173	1731	MM8	125
MIC7413N	7413	MIC74153N	74153	MJ4033	249	MJE370	185	MJE6043	259	MK5173N	1731	MM9	125
MIC7416J	7416	MIC											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MM74C95	74C95	MM1666	351	MM5280J-5	2107	MM5648AJ	4048B	MMBTA13	2404	MOS3635	221	MPC561	1079
MM74C95J	74C95	MM1668	320	MM5280N	2107	MM5648AN	4048B	MMBTA14	2404	MOS6502	6502	MPC561C	1079
MM74C95N	74C95	MM1680	348	MM5280N-5	2107	MM5649A	4049	MMBTA20	2406	MOS8712	74LS08	MPC562C	1080
MM74C95PN	74C95	MM1680	350	MM5290-3	2117	MM5649AJ	4049	MMBTA55	2411	MOS8713	74LS08	MPC566B	1052
MM74C107	74C107	MM1711	123A	MM5290-4	2117	MM5649AN	4049	MMBTA56	2411	MOTMJE371	185	MPC568HB	1103
MM74C107J	74C107	MM1742	102A	MM5290J-3	2117	MM5650A	4050B	MMBTA70	2407	MOTMJE521	184	MPC566HC	1103
MM74C107N	74C107	MM1755	123A	MM5290J-4	2117	MM5650AJ	4050B	MMC607	610	MP-01	116	MPC566H	1103
MM74C107PN	74C107	MM1755	123A	MM5290N-3	2117	MM5650AN	4050B	MMF5	461	MP-3D	102	MPC570C	1086*
MM74C151	74C151	MM1757	123A	MM5290N-4	2117	MM5650BN	4050B	MMZ12(06)	143A	MP100	116	MPC575C	1086*
MM74C154	74C154	MM1758	123A	MM5316	2061S	MM5651A	4051B	MN22	121	MP110B	179	MPC571C	1078S
MM74C157	74C157	MM1803	311	MM5316N	2061S	MM5651AJ	4051B	MN23	121	MP225	116	MPC571H	1638
MM74C160	40160B	MM1809	128	MM5316N-W	2061S	MM5651AN	4051B	MN24	121	MP300	116	MPC574J	815A
MM74C161	74C161	MM1809	128	MM5321	2045	MM5652A	4052B	MN25	121	MP400	116	MPC574J	815A
MM74C162	40162B	MM1810	195A	MM5369AA	2046	MM5652AJ	4052B	MN26	121	MP500	216	MPC575C	1141*
MM74C163	40163B	MM1810A	128	MM5369AAN	2046	MM5652AN	4052B	MN29	121	MP500(Rec.)	116	MPC575C2	1140*
MM74C164	74C164	MM1941	311	MM5369AANS	2046	MM5653A	4053B	MN29BLK	121	MP501	28	MPC577H	1082
MM74C173	74C173	MM1943	108	MM5387	2060	MM5653AJ	4053B	MN29GRN	121	MP502	28	MPC585C	1185
MM74C174	74C174	MM1945	108	MM5387AA	2060	MM5653AN	4053B	MN29GPR	121	MP503	28	MPC585C	1185
MM74C174	74C174	MM2016	2128	MM5387AAN	2060	MM5666A	4066B	MN29VHT	121	MP504	28	MPC586C2	1187
MM74C175	74C175	MM2016J	2128	MM5416	397	MM5666AJ	4066B	MN32	121	MP506	28	MPC586C2B	1187
MM74C192	74C192	MM2016J-15	2128	MM5601A	4001B	MM5666AN	4066B	MN34A	109	MP507A	105	MPC1001H2	1127
MM74C193	74C193	MM2016J-15	2128	MM5601AJ	4001B	MM5666A	4066B	MN46	121	MP525	104	MPC1035C	1170
MM74C195	40195B	MM2016N-15	2128	MM5601AN	4001B	MM5669AJ	4069	MN48	121	MP547	5802	MPC1238	1378
MM74C221	74C221	MM2016N-15	2128	MM5601BN	4001B	MM5669AN	4069	MN49	121	MP548	5802	MPC1352C	1416
MM74C240	74C240	MM2016N-15	2128	MM5602A	4002B	MM5669B	4069	MN51	109	MP550	6407	MPC1355C	749
MM74C240J	74C240	MM2016N-15	2128	MM5602AJ	4002B	MM5669BN	4069	MN52	102A	MP600	179	MPC1356C2	1483
MM74C240N	74C240	MM2016N-15	2128	MM5602AN	4002B	MM5669B	4069	MN53	102A	MP601	179	MPC1356C2	1483
MM74C244	74C244	MM2016N-15	2128	MM5606A	4006B	MM5676A	4076B	MN53BLU	102A	MP602	179	MPC1363C	1409
MM74C244J	74C244	MM2016N-15	2128	MM5606AJ	4006B	MM5676AJ	4076B	MN53GRN	102A	MP603	179	MPC1372C	1416
MM74C244N	74C244	MM2016N-15	2128	MM5606AN	4006B	MM5676AN	4076B	MN60	102A	MP651	116	MPC1377	1664
MM74C244PN	74C244	MM2016N-15	2128	MM5607A	4007	MM5676BJ	4076B	MN60(diode)	109	MP1003-1	116	MPC1382C	1616
MM74C373	74C373	MM2016N-15	2128	MM5607AJ	4007	MM5676BN	4076B	MN61	127	MP1003-2	116	MPC1379	1661
MM74C373J	74C373	MM2016N-15	2128	MM5607AN	4007	MM5676BN	4076B	MN63	127	MP1003-4	116	MPC1379C	1661
MM74C373N	74C373	MM2016N-15	2128	MM5609A	4009	MM5683TN	2041S	MN64	127	MP1014	116	MPC1382	1616
MM74C373PN	74C373	MM2016N-15	2128	MM5609AJ	4009	MM5683TNW	2041S	MN73	121	MP1014-1	102A	MPC1382C	1616
MM74C374	74C374	MM2016N-15	2128	MM5609AN	4009	MM6400N	4011B	MN73BLK	121	MP1014-2	102A	MPC1391H	1668
MM74C374J	74C374	MM2016N-15	2128	MM5610A	4050B	MM7087	154	MN73WHT	102A	MP1014-3	102A	MPC1394C	1678
MM74C374N	74C374	MM2016N-15	2128	MM5610AJ	4050B	MM7088	154	MN73WHT	102A	MP1014-5	102A	MPC1458C	778A
MM74C374PN	74C374	MM2016N-15	2128	MM5610AN	4050B	MM8000	77	MN194	121	MP1014-6	102A	MPC3500	177
MM74C901	74C901	MM2016N-15	2128	MM5611A	4011B	MM8001	77	MN1206	2207	MP1310P	108	MPC4558C	778A
MM74C901J	74C901	MM2016N-15	2128	MM5611AJ	4011B	MM8002	77	MN1206A	2207	MP1310P-1	108	MPC6507	6507
MM74C901N	74C901	MM2016N-15	2128	MM5611AN	4011B	MM8003	76	MN1206B	2207	MP1310P-2	108	MPC14305	960
MM74C902	74C902	MM2016N-15	2128	MM5612A	4012B	MM8004	195A	MN1213	2203	MP1509-3	121	MPD200	177
MM74C902J	74C902	MM2016N-15	2128	MM5612AJ	4012B	MM8006	316	MN3001	1640	MP1612	127	MPD201	177
MM74C902N	74C902	MM2016N-15	2128	MM5612AN	4012B	MM8007	161	MN3007	1641	MP1612A	127	MPD202	177
MM74C902PN	74C902	MM2016N-15	2128	MM5613A	4013B	MM8012	76	MN3101	1639	MP1612B	127	MPD203	177
MM74C903	74C903	MM2016N-15	2128	MM5613AJ	4013B	MM8012	76	MN3101BA	1639	MP1613	127	MPD300	177
MM74C903J	74C903	MM2016N-15	2128	MM5613AN	4013B	MM14511BCN	4511B	MN3101BA	1639	MP1613	127	MPD301	177
MM74C903N	74C903	MM2016N-15	2128	MM5614A	4014B	MM14511CN	4511B	MN4011B	4011B	MP2060	121	MPD302	177
MM74C903PN	74C903	MM2016N-15	2128	MM5614AJ	4014B	MM53113N	2061S	MN4013B	4013B	MP2060-1	121	MPD302	177
MM74C904	74C904	MM2016N-15	2128	MM5614AN	4014B	MM5510A	1255S	MN4027B	4027B	MP2061	121	MPD400	177
MM74C904J	74C904	MM2016N-15	2128	MM5614AJ	4014B	MM5510AN	1255S	MN4027B	4027B	MP2062	121	MPD401	177
MM74C904N	74C904	MM2016N-15	2128	MM5615A	4015B	MMBA11C5	2409	MN4053B	4053B	MP2137A	121	MPD402	177
MM74C904PN	74C904	MM2016N-15	2128	MM5615AJ	4015B	MMBA11C6	2409	MN4066B	4066B	MP2138A	121	MPD858	1198
MM74C922	74C922	MM2266	128	MM5616A	4016B	MMBA11C7	2409	MN4066UB	4069	MP2139A	121	MPD858C	1198
MM74C922J	74C922	MM2484	123A	MM5616AJ	4016B	MMBA12M3	2409	MN4071B	4071B	MP2142A	121	MPD861C	1254
MM74C922N	74C922	MM2503	160	MM5616AN	4016B	MMBA12M4	2409	MN4081	4081B	MP2143A	121	MPD861C1	1254
MM74C922PN	74C922	MM2532	2532	MM5617A	4017B	MMBA12M5	2409	MN4081B	4081B	MP2144A	121	MPD861CE	1254
MM74C923	74C923	MM2532Q	2532	MM5617AJ	4017B	MMBA12M6	2409	MN4116	2117	MP2200A	179	MPD4001C	4001B
MM74C923J	74C923	MM2550	160	MM5617AN	4017B	MMBA12M7	2409	MN4116P	2117	MP3611	121	MPD4011C	4011B
MM74C923N	74C923	MM2552	160	MM5618A	4018B	MMBC1009F1	2408	MN4503B	4009B	MP3612	121	MPF101	312
MM74C923PN	74C923	MM2554	160	MM5618AJ	4018B	MMBC1009F2	2408	MN4503B	4009B	MP3613	121	MPF102	312
MM74C925	74C925	MM2613	123A	MM5618AN	4018B	MMBC1009F3	2408	MN4528B	4528B	MP3614	121	MPF102	312
MM74C929	6508	MM2614	159	MM5619A	4019B	MMBC1009F4	2408	MN5101P	65101	MP3615	121	MPF102(DSG)	312
MM74C929-3	6508	MM2708	2708	MM5619AJ	4019B	MMBC1009F5	2408	MN5101P	65101	MP3617	121	MPF103	312
MM74C929J	6508	MM2708BQ	2708	MM5619AN	4019B	MMBC1622D6	2408	MN6040	1255S	MP3730	127	MPF104	312
MM74C929N	6508	MM2711	123A	MM5620A	4020B	MMBC1622D7	2408	MN6040A	1255S	MP3730A	127	MPF105	312
MM74C929N-3	6508	MM2712	159	MM5620AJ	4020B	MMBC1623L4	2408	MN6043	1255S	MP3730B	127	MPF106	451
MM74C935-1	2052	MM2716	2716	MM5620AN	4020B	MMBC1623L5	2408	MN6061	1408	MP3731	127	MPF107	312
MM74C935-1J	2052	MM2716Q	2716	MM5621A	4021B	MMBC1623L6	2408	MN6061A	1408	MP5113	116	MPF109	459
MM74C935-1N	2052	MM2716Q	2716	MM5621AJ	4021B	MMBC1623L7	2408	MN6061BA	1408	MP-5115	116	MPF111	312
MM80C95	80C95	MM2894	160	MM5622A	4022B	MMBC1623L8	2408	MN6078	1414	MP6508A	6508	MPF112	312
MM80C95J	80C95	MM3000	154	MM5622AJ	4022B	MMBC1623L9	2408	MN6078BA	1414	MP6508B	6508	MPF121	222
MM80C95N	80C95	MM3001	154	MM5622AN	4022B	MMBC1623N3	2410	MN6142	1534	MP6508D	6508	MPF121	222
MM80C95PN	80C95	MM3002	154	MM5623A	4023B	MMBC1623N4	2410	MN6142BA	1534	MP6508F	6508	MPF159	465
MM80C96	80C96	MM3003	154	MM5623AJ	4023B	MMBC1623N5	2410	MN8303	36	MP8227NP	2104	MPF160	464
MM80C96J	80C96	MM3005	282S	MM5623AN	4023B	MMBC1624N5	2410	MN8250NR25	524V15	MP9602	116	MPF161	326
MM80C96N	80C96	MM3006	282S	MM5624A	4024B	MMBC1624N6	2410	MOC1000	3040	MP14020	5340	MPF820	451
MM80C96PN	80C96	MM3007	282S	MM5624AJ	4024B	MMBC1624N7	2410	MOC1001	3040	MP14060	5342	MPF820	451
MM80C97	80C97	MM3009	154	MM5624AN	4024B	MMBC1624N8	2410	MOC1002	3040	MP14060P	5342	MPF820	451
MM80C98	40098B	MM3014	190	MM5625A	4025B	MMBC1624N9	2410	MOC1005	3041	MP140100	5344	MPF820	451
MM380	160	MM3100	154	MM5625AJ	4025B	MMBC1624N10	2410	MOC1006	3041	MP4300158	519	MPF820	451
MM420	154	MM3101	154	MM5625AN	4025B	MMBC1624							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MPS929A	159	MPS5132	108	MPS9410A	128	MPS9538-11	123AP	MPS9700D	123AP	MPS-K22(Red)	123A	MR421D	229
MPS930	159	MPS5133	123AP	MPS9410AJ	128	MPS9538-12	123AP	MPS9700E	123AP	MPS-K22(White)	123A	MR500	580
MPS930A	159	MPS5134	123AP	MPS9410AK	128	MPS9538-12	123AP	MPS9700F	123A	MPSK70	159	MR501	580
MPS943J	123A	MPS5135	123A	MPS9410H	128	MPS9600-5	123A	MPS9700G	123AP	MPSK71	159	MR502	580
MPS943K	123A	MPS5136	123AP	MPS9410I	128	MPS9600F	123A	MPS9700H	123AP	MPSK72	159	MR502	580
MPS962F	123AP	MPS5137	123AP	MPS9411	299	MPS9600G	123A	MPS9700J	123AP	MPSL01	287	MR504	580
MPS1097	180	MPS5138	159	MPS9411A	299	MPS9600G/H	123A	MPS9734D	199	MPSL01	194	MR506	580
MPS1572	159	MPS5139	159	MPS9411A1	299	MPS9600H	123A	MPS9750D	159	MPSL51	288	MR508	580
MPS2114	2114	MPS5143	159	MPS9411G	299	MPS9600I	123A	MPS9750F	159	MPSL51	288	MR510	580
MPS2114-30	2114	MPS5172	123AP	MPS9411H	299	MPS9601	108	MPS9750G	159	MPSU01	188	MR510	581
MPS2114-35	2114	MPS5551M	287	MPS9411H	299	MPS9602	116	MPS9750T	159	MPSU01	188	MR751	581
MPS2114-45	2114	MPS5568	312	MPS9411I	299	MPS9604	229	MPS56511	123A	MPSU01A	188	MR752	581
MPS2114P-30	2114	MPS5585	159	MPS9416(EBC)	289A	MPS9604D	123A	MPS94260	123A	MPSU01A	188	MR754	581
MPS2114P-35	2114	MPS5587	159	MPS9416H(Sink)	192	MPS9604E	123A	MPS96301	123A	MPSU02	188	MR756	581
MPS2114P-45	2114	MPS6076	159	MPS9416A(EBC)	289A	MPS9604F	108	MPS96469	177	MPSU02	188	MR758	581
MPS2168	108	MPS6134	159	MPS9416A(H.Sink)	192	MPS9604I	123A	MPS96461	177	MPSU03	190	MR760	581
MPS218	123AP	MPS6172	159	MPS9416AS(EBC)	289A	MPS9604R	123A	MPS9623G	123A	MPSU03	190	MR801	506
MPS2218A	123AP	MPS6173	159	MPS9416AT(H.Sink)	192	MPS9606	177	MPSA05	287	MPSU04	190	MR811	506
MPS2219	123AP	MPS6413	123A	MPS9416AT(EBC)	289A	MPS9606(Trans)	123AP	MPSA05	287	MPSU04	190	MR812	506
MPS2219A	123AP	MPS6502	6502	MPS9416ST(EBC)	289A	MPS9606H	177	MPSA06	287	MPSU05	188	MR814	506
MPS2221	123AP	MPS6507	108	MPS9416ST(H.Sink)	192	MPS9606I	177	MPSA06	287	MPSU05	188	MR816	506
MPS2221A	123AP	MPS6507(CPU)	6507	MPS9417A(H.Sink)	289A	MPS9611-5	123A	MPSA09	123AP	MPSU06	188	MR850	580
MPS2222	123AP	MPS6511	108	MPS9417A(EBC)	289A	MPS9611-5	123A	MPSA09	123AP	MPSU06	188	MR851	580
MPS2222A	123AP	MPS6511-S	108	MPS9417AS(H.Sink)	192	MPS9611-5	123A	MPSA09	123AP	MPSU06	188	MR852	580
MPS2369	123AP	MPS6512	123AP	MPS9417AS(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2711	123AP	MPS6513	123AP	MPS9417AT(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2712	123AP	MPS6514	123AP	MPS9417AT(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2713	123AP	MPS6515	123AP	MPS9417AT(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2714	123AP	MPS6516	159	MPS9417T(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2715	123AP	MPS6517	159	MPS9417T(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2716	123AP	MPS6518	159	MPS9418(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2823	107	MPS6519	159	MPS9418A(Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2894	107	MPS6520	123AP	MPS9418AS(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2906	159	MPS6521	123AP	MPS9418AS(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2907	159	MPS6522	159	MPS9418AT	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2907A	159	MPS6523	159	MPS9418AT(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2923	123AP	MPS6524	159	MPS9418AT(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2924	123AP	MPS6528	107	MPS9418G(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2925	123AP	MPS6529	107	MPS9418G(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2926	123AP	MPS6530	123AP	MPS9418S(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2926BRN	123A	MPS6531	123AP	MPS9418S(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2926GRN	123A	MPS6532	123AP	MPS9418T(H.Sink)	192	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2926ORN	123A	MPS6532(C)	6532	MPS9418T(EBC)	289A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2926RED	123A	MPS6533	159	MPS9423	123A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS2926YEL	123A	MPS6533M	159	MPS9423F	108	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3390	123AP	MPS6534	159	MPS9423G	108	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3391	123AP	MPS6534M	159	MPS9423H	108	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3391A	123AP	MPS6535	159	MPS9423I	108	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3392	123AP	MPS6535M	159	MPS9426	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3393	123AP	MPS6539	229	MPS9426A	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3394	123AP	MPS6540	229	MPS9426B	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3395	123AP	MPS6541	229	MPS9426C	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3396	123AP	MPS6542	229	MPS9426D	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3397	199	MPS6543	69	MPS9426E	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3398	123AP	MPS6544	123AP	MPS9426G	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3402	192	MPS6545	123AP	MPS9426H	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3403	192	MPS6546	123AP	MPS9427	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3404	192	MPS6547	229	MPS9427B	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3405	192	MPS6548	229	MPS9427C	229	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3536	108	MPS6552	123A	MPS9433	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3563	108	MPS6553	123A	MPS9433J	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3565	108	MPS6554	123A	MPS9433K	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3566	123AP	MPS6555	123AP	MPS9433S	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3567	194	MPS6556	123A	MPS9433T	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3568	194	MPS6560	123AP	MPS9434	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3569	194	MPS6561	123AP	MPS9434H	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3638	159	MPS6562	159	MPS9434I	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3638-5	159	MPS6563	159	MPS9434J	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3638A	159	MPS6564	123AP	MPS9434K	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3639	234	MPS6565	123AP	MPS9436	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3640	159	MPS6566	123AP	MPS9436I	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3642	123AP	MPS6567	229	MPS9436J	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3644	159	MPS6568	108	MPS9436S	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3645	159	MPS6568A	229	MPS9436T	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3646	216	MPS6569	229	MPS9444	177	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3691	123AP	MPS6570	229	MPS9460A	123AP	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3692	123AP	MPS6571(EBC)	199	MPS9460H	129	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3693	123AP	MPS6572	123AP	MPS9460I	129	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3694	123AP	MPS6573	123AP	MPS9460J	129	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3702	159	MPS6574	123AP	MPS9461A1	287	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3703	159	MPS6575	123AP	MPS9461AI	288	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3704	123AP	MPS6576	123AP	MPS9466A	290A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3705	123AP	MPS6580	159	MPS9466A(H.Sink)	193	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3706	123AP	MPS6590	123A	MPS9466AT	290A	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3707	123AP	MPS6591	159	MPS9466AT(H.Sink)	193	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3708	123AP	MPS6601	128P	MPS9467A(EBC)	298	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3709	123AP	MPS6602	128P	MPS9467AS	193	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3710	123AP	MPS6651	129P	MPS9467AS(EBC)	298	MPS9611-5	123A	MPSA10	123AP	MPSU07	188	MR854	580
MPS3711	123AP	MPS6652	129P	MPS9467AT	193	MPS9611-5	123A	MPSA10	123AP	MPSU0			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MR2272	515	MS1H	116	MSM40175B	40175B	MT4415A	8213	MU9661	189	MV3033E	614	MX3625	801
MR2273	551	MS2H	116	MSM40192	40192B	MT4438A	189	MU9661T	189	MV3039	614	MX3733	123AP
MR2369	156	MS3H	116	MSM40193	40193B	MT5089	1690	MUR105	587	MV3039E	614	MX3734	159
MR3932	123A	MS4H	116	MSM40194	40194B	MT5089XC	1690	MUR110	587	MV3501	610	MX3741	123AP
MR3933	128	MS5	5870	MSP10A	225	MT5108	316	MUR115	587	MV3503	611	MX3755	123AP
MR3934	129	MS5H	116	MSP15A	225	MT6001	123A	MUR120	587	MV3504	612	MX3755	123AP
MR5005	5826	MS6H	116	MSP20A	225	MT6002	123A	MUR605CT	6240	MV3507	613	MX3743	123AP
MR5005R	5827	MS12H	116	MSP25A	225	MT6002(TO18)	123A	MUR605CTR	6244	MV5023	3018	MX3743	123AP
MR5010	5826	MS13H	116	MSP1161	213	MT6003	123A	MUR610CT	6240	MV5024	3019	MX3743	123AP
MR5010R	5827	MS14H	116	MSP999058-1	128	MT-8204AE	1648	MUR610CTR	6244	MV5053	3020	MX3777	778A
MR5020	5826	MS15/1C	503	MSR100B	B40240	MT8244A	8115	MUR615CT	6240	MV5054-2	3025	MX3878	1253
MR5020R	5827	MS22B	123A	MSR102B	A40240	MT9001	123A	MUR615CTR	6244	MV5074B	3007	MX3916	1249
MR5030	5827	MS35H	116	MSR200B	B40240	MT9002	123A	MUR620CT	6240	MV5153	3023	MX3916	1249
MR5030R	5827	MS36H	116	MSR202B	B40240	MTS2164	3116	MUR620CTR	6244	MV5174B	3029	MX3920	1271
MR5040	5826	MS50	116	MSR500	116	MT53164	3117	MUR1605CT	6240	MV5253	3024	MX3937	123AP
MR5040R	5827	MS91X3	505	MSR-500	116	MT57164	3115	MUR1605CTR	6244	MV5274B	3010	MX3944	290A
MR5060	5828	MS701T	108	MSR7502	108	MT102351A	160	MUR1610CT	6240	MV5353	3021	MX3948	1170
MR5060R	5828	MS2991	128	MSR7503	123A	MTD40A06N	5711	MUR1610CTR	6244	MV5374B	3011	MX3975	1248
MR5080	5828	MS7501S	108	MSR-V5	116	MTD40A12N	5711	MUR1615CT	6244	MV5391	3026	MX3976	1248
MR5080R	5829	MS7501T	108	MSS-1000	116	MTD40L06N	5711	MUR1615CTR	6244	MV5753	3022	MX3977	1381
MR9062	116	MS7502R	123A	MSS1000	177	MTD40L12N	5711	MUR1620CT	6240	MV5774B	3008	MX3978	123AP
MR9060	116	MS7502S	108	MSS7501	108	MTD50A06N	5711	MUR1620CTR	6244	MV6113	613	MX4073	1248
MR9601	116	MS7502T	108	MSS7502	108	MTD50A12N	5711	MUR3005CT	6246	MV9051	611	MX4114	5402
MR9602	116	MS7503R	123A	MST-10	128	MTD50L06N	5711	MUR3005PT	6246	MV9052	610	MX4127	1486
MR9604	123A	MS7504	172A	MST10S	154	MTD50L12N	5711	MUR3015PT	6246	MV9053	610	MX4147	801
MR9803	116	MS7505	159	MST20S	154	MTD65A12N	5711	MUR3020PT	6246	MV9054	610	MX4158	123AP
MRB-20C	116	MS7506B	128	MST30S	154	MTD95A12N	5721	MUS4987	6404	MV9151	612	MX4160	123AP
MRC1032	1170	MS7506H	128	MST40S	396	MTE200E	199	MV1	601	MV9152	611	MX4339	1512
MRD14B	3035A	MS7506J	128	MST7501	108	MTJ109	128	MV12	601	MV9153	612	MX4465	1532
MRD360	3036	MS9667	159	MT021	116	MTM5N35	2384	MV-1Y	601	MV9154	612	MX4476	1563
MRD370	3036	MS9681	159	MT021A	116	MTM5N35-2	2384	MV1Y	601	MV9251	613	MX4478	123AP
MRD3050	3032	MSB20C	168	MT022	116	MTM5N40	2384	MV1YH	601	MV9252	613	MX4479	1246
MRD3051	3032	MSD6101	276	MT022A	116	MTM6N60	2386	MV2	601	MV9253	613	MX4491	123AP
MRD3054	3032	MSD6102	113A	MT0404	159	MTM6N60	2386	MV3	601	MV9254	613	MX4491	123AP
MRD3055	3032	MSD7000	276	MT0404-1	159	MTM6N60	2386	MV3(Diode)	177	MV9351	614	MX4492	159
MRD3056	3032	MSD7000	276	MT0404-2	159	MTM6N60	2386	MV-3(2)	601	MV9352	614	MX4492	159
MRD3056(RECT)	552	MSG7506	128	MT0411	159	MTM6N60	2386	MV3(Regulator)	116	MV9353	614	MX4493	159
MRF207	346	MSJ7505	129	MT0412	159	MTM6N60	2386	MV-5	601	MV9600	614	MX4504	289A
MRF209	350	MSK5405	128	MT0413	159	MTM6N60	2386	MV10	611	MV9601	614	MX4539	229
MRF212	350	MSL3574	501B	MT1	3031	MTM6N60	2386	MV10A	611	MV52164	3116	MX4540	229
MRF216	477	MSM311EL	922M	MT2	3032	MTM6N60	2386	MV11	605A	MV53164	3117	MX4541	123AP
MRF216(YEL)	477	MSM2114	2114	MT5	5892	MTM6N60	2386	MV11T	605A	MV53164	3117	MX4542	1557
MRF221	350F	MSM2114-3	2114	MT14	116	MTM6N60	2386	MV-11T	605A	MV54173	3181	MX4712	1571
MRF224	320F	MSM2114L-3RS	2114	MT24	116	MTM6N60	2386	MV11T	605A	MV57164	3115	MX4873	85
MRF224-G	320F	MSM2114P	2114	MT30L-A	522	MTM6N60	2386	MV-11Y	605A	MV57173	3180	MX4875	1516
MRF227	361	MSM2114P-3	2114	MT30L-C	500A	MTM6N60	2386	MV-11YM	605A	MV57173	3180	MX4972	123AP
MRF229	341	MSM2128-1AS	2128	MT44	116	MTM6N60	2386	MV-12	605A	MV57173	3180	MX4973	159
MRF230	473	MSM2128-13AS	2128	MT64	116	MTM6N60	2386	MV-12	605A	MV57173	3180	MX4974	1226
MRF233	350	MSM2128-15RS	2128	MT84	128	MTM6N60	2386	MV12A	605A	MV57173	3180	MX5279	1416
MRF237	341	MSM2128-20RS	2128	MT100	108	MTM6N60	2386	MV-12H	605A	MV57173	3180	MX5280	1545
MRF238	345	MSM3764-15RS	2164	MT101	108	MTM6N60	2386	MV-12M	605A	MV57173	3180	MX5281	1538
MRF244	352	MSM3764-20RS	2164	MT102	108	MTM6N60	2386	MV-12N	605A	MV57173	3180	MX5367	2062
MRF245	352	MSM4001	4001B	MT104	123A	MTM6N60	2386	MV12N	605A	MV57173	3180	MX5368	123AP
MRF247	478	MSM4001RS	4001B	MT106	108	MTM6N60	2386	MV12N	605A	MV57173	3180	MX5369	159
MRF248	253	MSM4002	4002B	MT107	108	MTM6N60	2386	MV13	605A	MV57173	3180	MX5370	85
MRF260	342	MSM4007	4007	MT608A	137A	MTM6N60	2386	MV13H	605A	MV57173	3180	MX5371	85
MRF282	343	MSM4008	4008B	MT696	123A	MTM6N60	2386	MV13YH	605A	MV57173	3180	MX5372	107
MRF400(RECT)	552	MSM4011	4011B	MT697	123A	MTM6N60	2386	MV14	605A	MV57173	3180	MX5375	1294
MRF402	473	MSM4011RS	4011B	MT698	154	MTM6N60	2386	MV14	605A	MV57173	3180	MX5429	1557
MRF406	338F	MSM4012	4012B	MT699	154	MTM6N60	2386	MV20C	525	MV57173	3180	MX5430	1248
MRF412	317	MSM4013	4013B	MT706	123A	MTM6N60	2386	MV33	614	MV57173	3180	MX5436	1466
MRF412A	334	MSM4015	4015B	MT706A	123A	MTM6N60	2386	MV33A	614	MV57173	3180	MX5451	1606
MRF420	335	MSM4016	4016B	MT706B	123A	MTM6N60	2386	MV50	3000	MV57173	3180	MX5475	1667
MRF421	470	MSM4016RS	4016B	MT707	123A	MTM6N60	2386	MV52	3003	MV57173	3180	MX5476	1517
MRF421(BL)	470	MSM4017	4017B	MT708	123A	MTM6N60	2386	MV53	3002	MV57173	3180	MX5594	1248
MRF433	338F	MSM4017RS	4017B	MT726	159	MTM6N60	2386	MV54	3001	MV57173	3180	MX5596	1465
MRF449	333	MSM4019	4019B	MT743	154	MTM6N60	2386	MV55	3004	MV57173	3180	MX6093	1671
MRF449A	325	MSM4019RS	4019B	MT744	108	MTM6N60	2386	MV121LF	601	MV57173	3180	MX6160	1676
MRF450	335	MSM4020	4020B	MT753	108	MTM6N60	2386	MV-201	611	MV57173	3180	MX6829	1572
MRF450A	325	MSM4023	4023B	MT869	159	MTM6N60	2386	MV201	611	MV57173	3180	MXC-1312	799
MRF451	333	MSM4025	4025B	MT870	154	MTM6N60	2386	MV209	614	MV57173	3180	MXC1312A	799
MRF452	333	MSM4027	4027B	MT871	154	MTM6N60	2386	MV309M4	616	MV57173	3180	MXC1312P	799
MRF453	333	MSM4028	4028B	MT910	154	MTM6N60	2386	MV401	612	MV57173	3180	MXT3904	2428
MRF453A	334	MSM4030	4030B	MT911	154	MTM6N60	2386	MV832	613	MV57173	3180	MXT3906	2429
MRF454	335	MSM4032	4032B	MT912	154	MTM6N60	2386	MV834	614	MV57173	3180	MXA42	2430
MRF454A	335	MSM4038	4038B	MT1060	316	MTM6N60	2386	MV1410	613	MV57173	3180	MY-1	116
MRF455	333	MSM4040	4040B	MT1131	159	MTM6N60	2386	MV1410A	613	MV57173	3180	MY201	612
MRF455A	334	MSM4042	4042B	MT1131A	159	MTM6N60	2386	MV1620	610	MV57173	3180	MZ-00	177
MRF458	335	MSM4043	4043B	MT1132	159	MTM6N60	2386	MV1624	611	MV57173	3180	MZ-08	5072A
MRF458A	336	MSM4044	4044B	MT1132A	159	MTM6N60	2386	MV1626	612	MV57173	3180	MZ-047	5009A
MRF460	318	MSM4049	4049B	MT1132B	159	MTM6N60	2386	MV1634	613	MV57173	3180	MZ-061	5013A
MRF463	471	MSM4050	4050B	MT1254	159	MTM6N60	2386	MV1638	614	MV57173	3180	MZ-075	5018A
MRF464	471	MSM4050RS	4050B	MT1255	159	MTM6N60	2386	MV1720A	610	MV57173	3180	MZ-081	5018A
MRF472	295	MSM4051	4051B	MT1256	159	MTM6N60	2386	MV1724	611	MV57173	3180	MZ090	139A
MRF475	236	MSM4052	4052B	MT1257	159	MTM6N60	2386	MV1724A	611	MV57173	3180	MZ-5	5010A
MRF476	235	MSM4053	4053B	MT1258	159	MTM6N60	2386	MV1726	612	MV57173	3180	MZ5A	136A
MRF485	236	MSM4066	4066B	MT1259	159	MTM6N60	2386	MV1726A	612	MV57173	3180	MZ5.1T5	135A
MRF501	161	MSM4066RS	4066B	MT1420									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MZ70-2.4B	5000A	MZ309B	5018A	MZ707	5121A	N8H90F	74H04	N74H82A	74H62	N74LS169AN	74LS169A	N74S22A	74S22
MZ70-2.5A	5001A	MZ310	5019A	MZ708	5122A	N8H90N	74H04	N74H82F	74H62	N74LS170	74LS170	N74S22F	74S22F
MZ70-2.5B	5001A	MZ310	5019A	MZ709	5124A	N8T22	74122	N74H71A	74H71	N74LS170F	74LS170F	N74S24A	74S24
MZ70-2.7A	5002A	MZ310B	5019A	MZ710	5125A	N8T22A	9601	N74H71F	74H71	N74LS170N	74LS170N	N74S40F	74S40F
MZ70-2.7B	5002A	MZ310B	5019A	MZ711	5126A	N8T22F	74122	N74H72A	74H72	N74LS173	74LS173	N74S64A	74S64
MZ70-3.3A	5005A	MZ310B	5019A	MZ712	5127A	N8T22N	74122	N74H72F	74H72	N74LS173N	74LS173	N74S64F	74S64
MZ70-3.3B	5005A	MZ310B	5019A	MZ713	5128A	N8T26	6880	N74H73A	74H73	N74LS174B	74LS174	N74S65A	74S65
MZ70MA	5070A	MZ310C1	5019A	MZ714	5129A	N8T26A	6880	N74H73F	74H73	N74LS181	74LS181	N74S65F	74S65
MZ82A	150A	MZ310G	5021A	MZ715	5130A	N8T26AB	6880	N74H74A	74H74	N74LS181F	74LS181	N74S74A	74S74
MZ92A	140A	MZ312	5021A	MZ716	5131A	N8T26AD	6880	N74H74F	74H74	N74LS181N	74LS181	N74S74F	74S74
MZ92-2.4	5000A	MZ312A	5021T1	MZ718	5133A	N8T26ADC	6880	N74H76B	74H76	N74LS192	74LS192	N74S96A	74S96
MZ92-2.5	5001A	MZ312B	5021A	MZ720	5135A	N8T26AE	6880	N74H101A	74H101	N74LS192F	74LS192	N74S96F	74S96
MZ92-2.7	5002A	MZ312C	5021A	MZ722	5136A	N8T26AF	6880	N74H101F	74H101	N74LS192N	74LS192	N74S112B	74S112
MZ92-3	5005A	MZ312C	5021T1	MZ724	5137A	N8T26AN	6880	N74H102A	74H102	N74LS196	74LS196	N74S112F	74S112
MZ92-3.9A	134A	MZ312G	5021T1	MZ727	5139A	N8T26AP	6880	N74H102F	74H102	N74LS196N	74LS196	N74S113A	74S113
MZ92-4.7A	135A	MZ314	5023A	MZ730	5141A	N8T26APC	6880	N74H103A	74H103	N74LS197	74LS197	N74S113F	74S113
MZ92-5.1A	135A	MZ314B	5023A	MZ733	5142A	N8T26B	6880	N74H103F	74H103	N74LS197N	74LS197	N74S114A	74S114
MZ92-5.6A	140A	MZ314B	5023A	MZ736	5143A	N8T26D	6880	N74H106B	74H106	N74LS245	74LS245	N74S114F	74S114
MZ92-6.0B	5070A	MZ316	5025A	MZ739	5144A	N8T26D	6880	N74H106F	74H106	N74LS245F	74LS245	N74S133B	74S133
MZ92-6.2A	137A	MZ316B	5025A	MZ743	5145A	N8T26E	6880	N74H108A	74H108	N74LS245N	74LS245	N74S133F	74S133
MZ92-9.1A	139A	MZ318	5027A	MZ747	5146A	N8T26F	6880	N74H108F	74H108	N74LS251	74LS251	N74S134B	74S134
MZ92-9.1B	139A	MZ318A	5027A	MZ751	5147A	N8T26G	6880	N74LS00	74LS00	N74LS251F	74LS251	N74S134F	74S134
MZ92-10A	140A	MZ318B	5029A	MZ756	5148A	N8T26H	6880	N74LS00A	74LS00	N74LS251N	74LS251	N74S138B	74S138
MZ92-12A	142A	MZ320	5029A	MZ762	5150A	N8T26J	6889	N74LS01	74LS01	N74LS258	74LS258	N74S138F	74S138
MZ92-15A	145A	MZ320A	5029A	MZ768	5151A	N8T26K	6889	N74LS01F	74LS01	N74LS258F	74LS258	N74S140A	74S140
MZ92-24B	5080A	MZ320B	5029A	MZ775	5152A	N8T26L	6889	N74LS02A	74LS02	N74LS258N	74LS258	N74S140F	74S140
MZ92-27A	146A	MZ322	5030A	MZ778	5153A	N8T26M	6889	N74LS02N	74LS02	N74LS260	74LS260	N74S151B	74S151
MZ92-27B	146A	MZ322B	5030A	MZ791	5154A	N8T26N	6889	N74LS03A	74LS03	N74LS260F	74LS260	N74S151F	74S151
MZ110	5156A	MZ324	5031A	MZ821	137A	N8T26P	6889	N74LS08A	74LS08	N74LS260N	74LS260	N74S153J	74S153
MZ110MA	141A	MZ324	5031A	MZ821A	137A	N8T26Q	6889	N74LS09	74LS09	N74LS279	74LS279	N74S153N	74S153
MZ110MA	141A	MZ324B	5031A	MZ823	137A	N8T26R	6889	N74LS09N	74LS09	N74LS279F	74LS279	N74S157B	74S157
MZ111	5157A	MZ327	5033A	MZ823A	137A	N8T26S	6889	N74LS10A	74LS10	N74LS279N	74LS279	N74S157F	74S157
MZ112	5158A	MZ327A	5033A	MZ825	137A	N8T26T	6889	N74LS11A	74LS11	N74LS283	74LS283	N74S158B	74S158
MZ113	5159A	MZ327A	5033A	MZ825A	137A	N8T26U	6889	N74LS13	74LS13	N74LS283N	74LS283	N74S158F	74S158
MZ114	5160A	MZ330	5035A	MZ827A	137A	N8T26V	6889	N74LS13F	74LS13	N74LS290	74LS290	N74S174B	74S174
MZ15	5161A	MZ330-23-B	5035A	MZ827A(Zener)	137A	N8T26W	6889	N74LS13N	74LS13	N74LS290N	74LS290	N74S174F	74S174
MZ116	5162A	MZ330-23-B	5035A	MZ827A(Zener)	137A	N8T26X	6889	N74LS20A	74LS20	N74LS293	74LS293	N74S175B	74S175
MZ117	5163A	MZ330-23-E	5035A	MZ941A	5074A	N8T26Y	6889	N74LS21	74LS21	N74LS293N	74LS293	N74S175F	74S175
MZ118	5164A	MZ330A	5035A	MZ941B	5074A	N8T26Z	6889	N74LS21N	74LS21	N74LS363	74LS363	N74S181J	74S181
MZ120	5166A	MZ330-B	5035A	MZ942	5074A	N8T26Z	6889	N74LS22	74LS22	N74LS363F	74LS363	N74S181N	74S181
MZ130	5024A	MZ333A	5036A	MZ942A	5074A	N8T26Z	6889	N74LS26	74LS26	N74LS363N	74LS363	N74S194B	74S194
MZ140	5023A	MZ333A	5036A	MZ942B	5074A	N8T26Z	6889	N74LS26F	74LS26	N74LS364	74LS364	N74S194J	74S194
MZ150	5024A	MZ336	5037A	MZ943	5074A	N8T26Z	6889	N74LS26N	74LS26	N74LS364F	74LS364	N74S251B	74S251
MZ157	5025A	MZ336A	5037A	MZ943A	5074A	N8T26Z	6889	N74LS27A	74LS27	N74LS364N	74LS364	N74S251F	74S251
MZ177	5077A	MZ336B	5037A	MZ943B	5074A	N8T26Z	6889	N74LS30A	74LS30	N74LS365A	74LS365	N74S258B	74S258
MZ203	5004A	MZ339	5038A	MZ943B	5074A	N8T26Z	6889	N74LS32A	74LS32	N74LS365AN	74LS365	N74S258J	74S258
MZ204	5007A	MZ339A	5038A	MZ944	5074A	N8T26Z	6889	N74LS33	74LS33	N74LS366	74LS366	N82S23	74S188
MZ204B	5007A	MZ343	5039A	MZ944A	5074A	N8T26Z	6889	N74LS33F	74LS33	N74LS366A	74LS366	N82S23F	74S188
MZ204B	5007A	MZ343A	5039A	MZ1000-13	140A	N8T26Z	6889	N74LS37	74LS37	N74LS366AF	74LS366	N82S23N	74S188
MZ205	5010A	MZ408B	5070A	MZ1000-15	142A	N8T26Z	6889	N74LS37F	74LS37	N74LS366AN	74LS366	N82S123	74S288
MZ205	5010A	MZ408B-02C	5072A	MZ1000-17	5073A	N8T26Z	6889	N74LS37N	74LS37	N74LS366F	74LS366	N82S123F	74S288
MZ205B	5010A	MZ408B	5072A	MZ1000-20	5073A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S126	74S387
MZ206	5012A	MZ408B	5072A	MZ1000-26	5143A	N8T26Z	6889	N74LS37N	74LS37	N74LS366F	74LS366	N82S126F	74S387
MZ206B	5012A	MZ409	139A	MZ1004	5007A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S126N	74S387
MZ207	5014A	MZ409-02B	139A	MZ1005	135A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S129	74S287
MZ207	5014A	MZ409B	139A	MZ1007	135A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S129F	74S287
MZ208	5016A	MZ410B	140A	MZ1010	140A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S129N	74S287
MZ208	5016A	MZ412B	142A	MZ1012	142A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S130	74S570
MZ209	5018A	MZ414-02C	144A	MZ1014	144A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S130F	74S570
MZ209	5018A	MZ414B	144A	MZ2360	600	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S130N	74S570
MZ210	5019A	MZ414-B3	144A	MZ2345	5081A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S131	74S571
MZ210B	5019A	MZ414C	145A	MZ4682	5002A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S131F	74S571
MZ210B	5019A	MZ416B	5075A	MZ5110	5156A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S131N	74S571
MZ210B	5019A	MZ418-B	5078A	MZ5111	5157A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S136	74S572
MZ212	5021A	MZ418B	5077A	MZ5112	5158A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S136F	74S572
MZ212	5021A	MZ420A	5079A	MZ5113	5159A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S136N	74S572
MZ212B	5021A	MZ420B	5079A	MZ5114	5160A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S137	74S573
MZ214	5023A	MZ422B	5080A	MZ5115	5161A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S137F	74S573
MZ214B	5023A	MZ424B	5081A	MZ5116	5162A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S137N	74S573
MZ216	5025A	MZ500-1	5000A	MZ5117	5163A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S140	74S475
MZ216B	5025A	MZ500-2	5002A	MZ5118	5164A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S140F	74S475
MZ218	5027A	MZ500-3	5004A	MZ5119	5165A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S140N	74S475
MZ218B	5027A	MZ500-4	5005A	MZ5120	5166A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S141	74S474
MZ220	5029A	MZ500-5	134A	MZ5121	5167A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S141F	74S474
MZ220B	5029A	MZ500-6	5007A	MZ5122	5168A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S141N	74S474
MZ222	5030A	MZ500-7	5008A	MZ5123	5169A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S146	74S473
MZ222B	5030A	MZ500-8	5009A	MZ5124	5170A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S146F	74S473
MZ224	5031A	MZ500-9	5010A	MZ5125	5171A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S146N	74S473
MZ224A	5031A	MZ500-10	5011A	MZ5126	5172A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S147	74S472
MZ224B	5031A	MZ500-11	5013A	MZ5127	5173A	N8T26Z	6889	N74LS37N	74LS37	N74LS366N	74LS366	N82S147F	74S472
MZ250	5018A	MZ500-12											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
N2102F-1	2102	N7439F	7439	N8470F	7410	N74160B	74160	NA11E	123AP	NA31XX	128P	NCM2147J	2147
N2102F-2	2102	N7440A	7440	N8470N	7410	N74160F	74160	NA11EG	128P	NA31XY	128P	NCM2147J-1	2147
N2102N	2102	N7441B	7441	N8471F	7412	N74161B	74161	NA11EH	128P	NA32	116	NCM2147J-3	2147
N2102N-1	2102	N7441F	7441	N8471N	7412	N74161F	74161	NA11EJ	128P	NA32KG	50	NCM2147N-1	2147
N2102N-2	2102	N7441F	7441			N74162	74162	NA11EJ	128P	NA32KH	50		
N2690-3	2117	N7442A	7442	N8480	7400	N74162B	74162	NA11EX	128P	NA32KJ	50	NCM2147N-3	2147
N2690-4	2117	N7442BA	7442	N8480F	7400	N74162F	74162	NA11EY	123AP	NA32KJ	50	NCR046	128
N2690F-3	2117	N7442F	7442	N8480N	7400	N74163B	74163	NA11FG	24	NA32KX	50	NCM2147J-3	2147
N2690F-4	2117	N7442F	7442	N8481	7403	N74163F	74163	NA11FH	24	NA32KY	50	NCM2147N-1	2147
N2690N-3	2117	N7442P	7442	N8481N	7403	N74164A	74164	NA11FI	24	NA32XG	129P	NCVB14	186A
N2690N-4	2117	N7443A	7443	N8490	7404	N74164F	74164	NA11FJ	24	NA32XH	129P	ND06AV	988
N3101(IC)	1639	N7443F	7443	N8490F	7404	N74165B	74165	NA11FX	24	NA32XJ	129P	ND8L05	977
N3583	123A	N7444F	7444	N8490N	7404	N74165F	74165	NA11FY	24	NA32XJ	129P	ND8L06	977
N4002B	4002B	N7444F	7444	N8806	7460	N74166B	74166	NA11HG(CBE)	128P	NA32XJ	129P	ND62WV	988
N4002F	2104	N7445B	7445	N8806J	7460	N74166F	74166	NA11HH(CBE)	128P	NA32XY	129P	NDL062	988
N4027-3	2104	N7446B	7446	N8906N	7460	N74170B	74170	NA11HJ(CBE)	128P	NA33	116	NDL806	988
N4027-3F	2104	N7447F	7447	N8908	7430	N74170F	74170	NA11HJ(CBE)	128P	NA33	116	NE5100	977
N4027-3N	2104	N7447F	7447	N8908J	7430	N74173	74173	NA11HV(CBE)	128P	NA35	116	NE5100	977
N4027-4	2104	N7448B	7448	N8908N	7430	N74173F	74173	NA11HX(CBE)	128P	NA36	116	NE74LS01	74LS01
N4027-4F	2104	N7450A	7450	N8915	7425	N74173N	74173	NA12E	159	NA36	116	NE74LS01F	74LS01
N4027-4N	2104	N7450F	7450	N8815F	7425	N74173SF	74173	NA12EG	129P	NA42	116	NE74LS01N	74LS01
N4066	4066B	N7451F	7451	N8815N	7425	N74174	74174	NA12EH	129P	NA45	116	NE74LS13	74LS13
N4967	716	N7451F	7451	N8815P	7451	N74175B	74175	NA12EI	129P	NA46	116	NE74LS13F	74LS13
N5065	712	N7453A	7453	N8828F	7474	N74175F	74175	NA12EJ	129P	NA46	116	NE74LS13N	74LS13
N5070	714	N7453F	7453	N8828F	7474	N74180A	74180	NA12EX	129P	NA62	117A	NE74LS13N	74LS13
N5070B	714	N7454A	7454	N8828N	7474	N74180F	74180	NA12EY	129P	NA63	117A	NE74LS21	74LS21
N5071	715	N7454F	7454	N8840	7450	N74181F	74181	NA12FG	25	NA65	117A	NE74LS21N	74LS21
N5071A	715	N7460A	7460	N8840F	7450	N74181N	74181	NA12FH	25	NA65	117A	NE74LS26	74LS26
N5072	713	N7460F	7460	N8840N	7450	N74182B	74182	NA12FI	25	NA74	125	NE74LS26F	74LS26
N5072A	713	N7470A	7470	N8848	74H74	N74182F	74182	NA12FJ	25	NA75	125	NE74LS26N	74LS26
N5101	65101	N7470F	7470	N8848F	74H74	N74190B	74190	NA12FX	25	NA76	125	NE74LS37	74LS37
N5101F	65101	N7472A	7472	N8848N	74H74	N74190F	74190	NA12FY	25	NA84	125	NE74LS37F	74LS37
N5101N	65101	N7472F	7472	N8859	7450	N74191B	74191	NA12HG(CBE)	128P	NA85	125	NE74LS37N	74LS37
N511	708	N7473	7473	N8859F	7450	N74191F	74191	NA12HI(CBE)	128P	NA86	125	NE74LS40	74LS40
N511A	708	N7473A	7473	N8859N	7450	N74192B	74192	NA12HJ(CBE)	128P	NA86H2	1195	NE74LS40F	74LS40
N5239A	721	N7473F	7473	N8875F	7427	N74192F	74192	NA12HJ(CBE)	128P	NA104	125	NE74LS40N	74LS40
N5406(RCA)	777	N7474A	7474	N8875F	7427	N74193B	74193	NA12HJ(CBE)	128P	NA104	125	NE74LS54	74LS54
N5519	139A	N7474F	7474	N8875N	7427	N74193F	74193	NA12HJ(CBE)	128P	NA158H	1194	NE74LS54F	74LS54
N5558B	778A	N7475B	7475	N8879	7410	N74195B	74195	NA13	116	NA603	5850	NE74LS54N	74LS54
N5570B	714	N7476B	7476	N8879F	7410	N74195F	74195	NA13E	123AP	NA615	5854	NE74LS76	74LS76
N5598K	973	N7476F	7476	N8879N	7410	N74198F	74198	NA20	101	NA1005	5944	NE74LS76J	74LS76
N5709A(IC)	1615	N7480A	7480	N8881	7401	N74198N	74198	NA21	5834	NA1022-1001	102A	NE74LS76N	74LS76
N5709B	909D	N7480F	7480	N8881F	7401	N74199F	74199	NA21EG	128P	NA1022-1007	102A	NE74LS90	74LS90
N5709T	909	N7483B	7483	N8881N	7401	N74199N	74199	NA21EH	128P	NA1114-1001	102A	NE74LS90F	74LS90
N5710A	910D	N7483F	7483	N8890	7404	N74221	74221	NA21EI	128P	NA1114-1002	102A	NE74LS90N	74LS90
N5710T	910	N7485A	7485	N8890F	7404	N74221F	74221	NA21EJ	128P	NA1114-1005	102A	NE74LS112	74LS112
N5711A	911D	N7485F	7485	N8890N	7404	N74221N	74221	NA21EX	128P	NA1114-1006	102A	NE74LS112J	74LS112
N5711K	911	N7486A	7486	N8891	7405	N74221SF	74221	NA21FG	24	NA1114-1007	102A	NE74LS112N	74LS112
N5712(IC)	1618	N7486F	7486	N8891F	7405	N74230SF	74230	NA21FH	24	NA1114-1008	102A	NE74LS125	74LS125
N5723A	923D	N7490A	7490	N8891N	7405	N74233SF	74233	NA21FI	24	NA1114-1009	102A	NE74LS125F	74LS125
N5723L	923	N7490F	7490	N9301	8301	N74365A	74365	NA21FI	24	NA1114-1010	102A	NE74LS125N	74LS125
N5723T	923	N7491A	7491	N9301F	8301	N74365AF	74365	NA21FJ	24	NA1114-1011	102A	NE74LS132	74LS132
N5740T	940B	N7491F	7491	N9301N	8301	N74365AN	74365	NA21FI	24	NA1505	5944	NE74LS132F	74LS132
N5741A	941D	N7492A	7492	N9308F	8308	N74365F	74365	NA21FG	24	NA2002	1232	NE74LS132N	74LS132
N5741K	947	N7492F	7492	N9308N	8308	N74366A	74366	NA21HG(CBE)	128P	NA2005	5944	NE74LS139	74LS139
N5741T	941	N7493A	7493A	N9308NA	8308	N74366AF	74366	NA21HH(CBE)	128P	NA5018-1001	160	NE74LS139N	74LS139
N5741V	941M	N7493F	7493A	N9309	8309	N74366AN	74366	NA21HJ(CBE)	128P	NA5018-1002	126A	NE74LS155	74LS155
N5747A	947D	N7493N	7493A	N9309F	8309	N74366F	74366	NA21HJ(CBE)	128P	NA5018-1003	126A	NE74LS155F	74LS155
N5747F	947D	N7494B	7494	N9309N	8314	N74367A	74367	NA21HY(CBE)	128P	NA5018-1004	126A	NE74LS155N	74LS155
N5747K	947	N7494F	7494	N9314B	8314	N74367AF	74367	NA21XG	128P	NA5018-1005	126A	NE74LS160A	74LS160
N5885N	6885	N7495A	7495	N9314F	8314	N74367AN	74367	NA21XJ	128P	NA5018-1006	126A	NE74LS160AN	74LS160
N5886N	6886	N7495F	7495	N9314N	8314	N74367SF	74367	NA21XJ	128P	NA5018-1007	126A	NE74LS162A	74LS162
N5887N	6887	N7496B	7496	N9316B	8316	N74368A	74368	NA21XJ	128P	NA5018-1008	126A	NE74LS162AF	74LS162
N5888N	6888	N7496F	7496	N9316N	8316	N74368AF	74368	NA21XX	128P	NA5018-1009	126A	NE74LS162AN	74LS162
N6268A	4950	N8080A	8080A	N9316N	8316	N74368AN	74368	NA21Y	128P	NA5018-1010	126A	NE74LS170	74LS170
N7400A	7400	N8080AN	8080A	N9601A	9601	N74368SF	74368	NA21Y	24	NA5018-1011	126A	NE74LS170F	74LS170
N7400F	7400	N8233	8233	N9601N	9601	N74390SF	74390	NA21YH	24	NA5018-1012	126A	NE74LS170N	74LS170
N7401	7401	N8233F	8233	N9602B	9602	N74490SF	74490	NA21YI	24	NA5018-1013	102A	NE74LS192	74LS192
N7401A	7400	N8233N	8233	N9602N	9602	N82147	74147	NA21YJ	24	NA5018-1014	102A	NE74LS192F	74LS192
N7401F	7400	N8234	8234	N-52329	130	N82147F	74147	NA21YX	24	NA5018-1015	102A	NE74LS192N	74LS192
N7402A	7402	N8234F	8234	N74107A	74107	N82147N	74147	NA21YY	24	NA5018-1016	102A	NE74LS258	74LS258
N7402F	7402	N8234N	8234	N74107F	74107	N82147N	74147	NA21YY	24	NA5018-1017	102A	NE74LS258F	74LS258
N7403A	7403	N8235	8235	N74109	74109	N82148F	8318	NA22	116	NA5018-1022	126A	NE74LS258N	74LS258
N7403F	7403	N8235F	8235	N74109B	74109	N82148N	8318	NA22E	116	NA5018-1219	126A	NE74LS366	74LS366
N7404A	7404	N8235N	8235	N74109F	74109	N-121122	130	NA22E	116	NA5018-1220	126A		
N7404F	7404	N8244F	74LS266	N74116	8308	N-121122	130	NA22EH	129P	NA16221435	909	NE74LS366A	74LS366A
N7404N	7404	N8244N	74LS266	N74116N	8308	N-121122	130	NA22EI	129P	NAM383	1232	NE74LS366AF	74LS366A
N7405A	7405	N8250	8250F	N74121A	74121	NA01EG	128P	NA22EJ	129P	NAP-TZ-8	121	NE74LS366AN	74LS366A
N7405F	7405	N8250F	8250F	N74121F	74121	NA01EH	128P	NA22EX	129P	NAP-TZ-10	102A	NE74LS366F	74LS366A
N7406A	7406	N8250N	8250F	N74122A	74123	NA01EJ	128P	NA22EY	129P	NAP-TZ-12	102A	NE74LS366N	74LS366A
N7406F	7406	N8252	8301	N74122F	74122	NA01EX	128P	NA22FG	25	NASD32	6408	NE74LS368	74LS368
N7407A	7407	N8252F	8301	N74123B	74123	NA01FY	128P	NA22FH	25	NB011E	123A	NE74LS368F	74LS368
N7407F	7407	N8252N	8266	N74123F	74123	NA01FG	24	NA22FI	25	NCM11EV	123AP	NE74LS368N	74LS368
N7408A	7408	N8266	8266	N74132B	74132	NA01FH	24	NA22FJ	25	NB121	159	NE74LS670	74LS670
N7408F	7408	N8266F	8266	N74132F	74132	NA01FI	24	NA22FX	25	NB211	297		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
NE566T	994	NJM78L12	950	NK65B119	126A	NKT253	126A	NL30	116	NLC36A	5502	NLC46T	5574
NE566V	994M	NJM78L12A	950	NK65C119	121	NKT254	126A	NL40	116	NLC36A/2N1844	5502	NLC46T	5574
NE567	832	NJM78L15A	951	NK66-1A19	102A	NKT255	126A	NL50	116	NLC36B	5504	NLC46T	5574
NE567C	832SM	NJM78L15A	951	NK66-2A19	102A	NKT261	100	NL60	116	NLC36B	5504	NLC50A	5570
NE567D	832SM	NJM78L24	1908	NK66-3A19	102A	NKT262	100	NL100B	107	NLC36B/2N1846	5504	NLC50B	5570
NE567DN1	832SM	NJM78L24	1908	NK74-3A19	100	NKT263	100	NL102	123A	NLC36C	5507	NLC50B	5570
NE567N	832	NJM78L24A	1908	NK77A119	105	NKT264	100	NL511-3	5569	NLC36C	5507	NLC50C	5572
NE567V	832	NJM78L24A	1908	NK77B119	121MP	NKT265	126A	NL511-4	5569	NLC36C/2N1848	5507	NLC50C	5572
NE592A	167D	NJM78M05	960	NK77C119	121	NKT270	126A	NL511-6	5569	NLC36D	5507	NLC50D	5572
NE592D	927D	NJM78M05	960	NK84A119	121	NKT271	158	NL548C	5368	NLC36D	5507	NLC50D	5572
NE592D(SOIC)	927SM	NJM78M05A	960	NK88B119	160	NKT272	158	NL578A	5567	NLC36D/2N1849	5507	NLC50E	5572
NE592D14	927SM	NJM78M05A	960	NK88C119	100	NKT273	102A	NL578A	5567	NLC36E	5509	NLC50E	5572
NE592F	927D	NJM78M06	962	NK92-1A19	105	NKT274	158	NL578B	5567	NLC36E	5509	NLC50G	5570
NE592H	927D	NJM78M06	962	NK1302	160	NKT275	158	NL578B	5567	NLC36E/2N1850	5509	NLC50G	5570
NE592N	927D	NJM78M06A	962	NK1404	160	NKT275A	158	NL578C	5568	NLC36G	5504	NLC50M	5572
NE592N14	927D	NJM78M06A	962	NKA8-1A19	160	NKT275E	158	NL578C	5568	NLC36G	5504	NLC50M	5572
NE645B	2004	NJM78M08	964	NKT4	102A	NKT275J	158	NL578D	5568	NLC36G/2N1845	5504	NLC50M	5572
NE646	2004	NJM78M08	964	NKT5	102A	NKT278	102A	NL578D	5568	NLC36H	5507	NLC50M	5572
NE646B	2004	NJM78M08A	964	NKT11	102A	NKT281	158	NL578E	5568	NLC36H	5507	NLC50M	5572
NE646BN	2004	NJM78M08A	964	NKT12	102A	NKT303	102A	NL578E	5568	NLC36M	5529	NLC50S	5574
NE646N	2004	NJM78M12	966	NKT24	102A	NKT308	102A	NL578G	5567	NLC36M	5529	NLC50T	5574
NE741CD	941SM	NJM78M12	966	NKT25	102A	NKT401	121	NL578G	5567	NLC36M	5529	NLC50T	5574
NE311B	289A	NJM78M12A	966	NKT32	102A	NKT401	121	NL578H	5568	NLC36M	5529	NLC50T	5574
NE4304	312	NJM78M12A	966	NKT33	102A	NKT402	121	NL578H	5568	NLC36M	5529	NLC50T	5574
NE4558D	778SM	NJM78M15	968	NKT42	100	NKT402	121	NL578M	5568	NLC36S	5531	NLC52A	5575
NE5532F	778A	NJM78M15	968	NKT43	100	NKT403	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE5532N	778A	NJM78M15A	968	NKT43	100	NKT403	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE5580B	1672	NJM78M15A	968	NKT52	102A	NKT403	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE5580A	1672	NJM78M18	958	NKT53	102A	NKT404	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE5580F	1672	NJM78M18	958	NKT54	100	NKT404	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE5580N	1672	NJM78M18	958	NKT62	100	NKT405	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE5580N	1672	NJM78M18A	958	NKT63	100	NKT405	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE7805	968	NJM78M18A	958	NKT64	100	NKT406	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE7806	968	NJM78M24	972	NKT72	100	NKT415	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE7812	966	NJM78M24	972	NKT73	100	NKT415	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE7815	968	NJM78M24A	972	NKT74	100	NKT416	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE7824	972	NJM78M24A	972	NKT102	158	NKT416	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE8233L	823A	NJM78M24A	972	NKT103	126A	NKT450	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE8234L	823A	NJM311B	923SM	NKT104	158	NKT451	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE8235L	8235	NJM318D	918	NKT105	158	NKT451	121	NL578M	5568	NLC36S	5531	NLC52B	5575
NE8250L	8250S	NJM318T	918	NKT106	158	NKT452	131	NL579A	5567	NLC36S	5531	NLC52B	5575
NE8266L	8266	NJM324	987	NKT107	158	NKT452	121	NL579B	5567	NLC36S	5531	NLC52B	5575
NE22120	16	NJM324M	987SM	NKT108	158	NKT452-S1	131	NL579B	5567	NLC36S	5531	NLC52B	5575
NE7401A	278	NJM386D	824	NKT109	160	NKT453	131	NL579C	5568	NLC36S	5531	NLC52B	5575
N-EA15X130	107	NJM387D	824	NKT121	160	NKT453	121	NL579C	5568	NLC36S	5531	NLC52B	5575
N-EA15X131	108	NJM555D	955M	NKT122	160	NKT454	121	NL579C	5568	NLC36S	5531	NLC52B	5575
N-EA15X132	108	NJM555M	955SM	NKT123	102A	NKT454	121	NL579D	5568	NLC36S	5531	NLC52B	5575
N-EA15X133	126A	NJM556M	956SM	NKT124	160	NKT454	121	NL579E	5568	NLC36S	5531	NLC52B	5575
N-EA15X134	107	NJM703	OBS-N/A	NKT125	102A	NKT501	121	NL579E	5568	NLC36S	5531	NLC52B	5575
N-EA15X135	107	NJM703N	703	NKT126	102A	NKT503	121	NL579E	5568	NLC36S	5531	NLC52B	5575
N-EA15X136	123A	NJM741D	941M	NKT127	126A	NKT503	121	NL579G	5567	NLC36S	5531	NLC52B	5575
N-EA15X137	123A	NJM741M	941SM	NKT128	100	NKT504	121	NL579H	5568	NLC36S	5531	NLC52B	5575
N-EA15X138	123A	NJM741T	941SM	NKT129	126A	NKT504	121	NL579H	5568	NLC36S	5531	NLC52B	5575
N-EA15X139	131MP	NJM2016	1194	NKT131	126A	NKT504	121	NL579H	5568	NLC36S	5531	NLC52B	5575
N-EA16X27	110MP	NJM2201	1082	NKT132	126A	NKT504	121	NL579H	5568	NLC36S	5531	NLC52B	5575
N-EA16X29	142A	NJM2901D	943M	NKT133	102	NKT504	121	NL579H	5568	NLC36S	5531	NLC52B	5575
N-EA16X30	116	NJM2901M	834SM	NKT141	100	NKT675	126A	NL579H	5568	NLC36S	5531	NLC52B	5575
N-EA2136	158	NJM2901N	834	NKT142	100	NKT676	126A	NL579H	5568	NLC36S	5531	NLC52B	5575
NEC 575C2	1140	NJM2902	987	NKT143	100	NKT677	126A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF500	116	NJM2902M	987SM	NKT144	100	NKT677F	126A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF501	116	NJM2902N	987	NKT151	126A	NKT701	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF506	116	NJM2903D	943M	NKT152	126A	NKT703	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF520	312	NJM2903N	943M	NKT153	158	NKT713	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF522	312	NJM2904D	928M	NKT154	158	NKT717	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF523	312	NJM3470	3470	NKT162	100	NKT734	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF531	312	NJM3470A	3470	NKT163	100	NKT736	101	NL579H	5568	NLC36S	5531	NLC52B	5575
NF533	312	NJM4558D	778A	NKT163	100	NKT736	101	NL579H	5568	NLC36S	5531	NLC52B	5575
NF550	116	NJM4558D-1	778A	NKT164	158	NKT751	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF4302	457	NJM4558DA	778A	NKT164	158	NKT752	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF4303	457	NJM4558D-A	778A	NKT202	100	NKT753	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF4304	457	NJM4558DD	778A	NKT203	100	NKT773	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF485	312	NJM4558DM	778A	NKT204	100	NKT781	103A	NL579H	5568	NLC36S	5531	NLC52B	5575
NF5486	312	NJM4558DMA	778A	NKT205	100	NKT4055	219	NL1580C	5595	NLC40G	5543	NLC60G	5572
NFM5A4A1	B40240	NJM4558DV	778A	NKT206	100	NKT10339	123A	NL1580C	5595	NLC40G	5543	NLC60G	5572
NFM5A6A1	B40240	NJM4558DX	778A	NKT207	100	NKT10419	123A	NL1580C	5595	NLC40H	5545	NLC60G	5572
NFM5B4A1	B40240	NJM4558K	778A	NKT208	102A	NKT10439	123A	NL1580D	5595	NLC40H	5545	NLC60G	5572
NFM5B6A1	B40240	NJM4558M	778SM	NKT211	158	NKT10519	123A	NL1580E	5595	NLC40H	5545	NLC60G	5572
NFM10A4A1	B40240	NJM4558S	1529	NKT212	158	NKT12329	123A	NL1580E	5595	NLC45A	5575	NLC60G	5572
NFM10A6A1	B40240	NJM4559D	778A	NKT213	158	NKT12429	123A	NL1580E	5595	NLC45B	5575	NLC60G	5572
NFM10B4A1	B40240	NJM4559DD	778A	NKT214	158	NKT13329	123A	NL1580E	5595	NLC45B	5575	NLC60G	5572
NFM10B6A1	B40240	NJM4559DX	778A	NKT215	158	NKT13429	123A	NL1580E	5595	NLC45B	5575	NLC60G	5572
NFM16A4A1	B40240	NJM072D	858M	NKT216	158	NKT15325	126A	NL1580E	5595	NLC45B	5575	NLC60G	5572
NFM16A6A1	B40240	NJM082D	858M	NKT218	158	NKT16225	158	NL1580E	5595	NLC45B	5575	NLC60G	5572
NFM16B4A1	B40240	NJR78L05	977	NKT219	158	NKT16325	158	NL1580E	5595	NLC45B	5575	NLC60G	5572
NFM16B6A1	B40240	NJR78L05A	977	NKT221	102	NKT16425	100	NL1580E	5595	NLC45B	5575	NLC60G	5572
NGP3002	109	NJR78L06	988	NKT222	100	NKT20329	158	NL1580E	5595	NLC45B	5575	NLC60G	5572
NGP3003	5802	NJR78L06A	988	NKT222S1	102	NKT20329A	158	NL1580E	5595	NLC45B	5575	NLC60G	5572
NGP5002	137A	NJR78L08	981	NKT222S2	100	NKT20339	158	NL1580E	5595	NLC45H	5577	NLC62G	5575
NGP5007	139A	NJR78L08A	981	NKT223	102	NKT20339	158	NL1580E	5595	NLC45H	5577	NLC62G	5575
NGP5010	142A	NJR78M05	960	NKT223A									

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
NLC151E	5371	NLC181S	5584	NLC601P	5599	NLF180E	5582	NLF701N	5599	NP542A	123	NP917	161
NLC151M	5371	NLC181T	5584	NLC601T	5599	NLF180E	5582	NLF701P	5599	NP543	123A	NP917A	161
NLC151N	5372	NLC181T	5584	NLC601T	5599	NLF180M	5582	NLF701P	5599	NP543A	123A	NP919	123A
NLC151N	5372	NLC181T	5584	NLC601T	5599	NLF180M	5582	NLF701PA	5599	NP544	123A	NP920	123A
NLC151N	5372	NLC290A	5587	NLC601T	5599	NLF180M	5582	NLF701PA	5599	NP546	123	NP921	123A
NLC151P	5372	NLC290A	5587	NLC601T	5599	NLF180N	5584	NLF701PB	5599	NP547	123	NP922	123A
NLC151P	5372	NLC290B	5587	NLC601T	5599	NLF180P	5584	NLF701PB	5599	NP548	123	NP923	159
NLC151S	5372	NLC290C	5587	NLC601T	5599	NLF180P	5584	NLF701S	5599	NP549	123	NP924	159
NLC151S	5372	NLC290C	5587	NLC601T	5599	NLF180S	5584	NLF701S	5599	NP550	123	NP925	159
NLC151T	5372	NLC290C	5587	NLC601T	5599	NLF180S	5584	NLF701T	5599	NP551	123	NP926	159
NLC151T	5372	NLC290D	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP552	123	NP927	159
NLC152E	5577	NLC290D	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP560	123	NP928	159
NLC152E	5577	NLC290E	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP619	108	NP929	123A
NLC152M	5577	NLC290E	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP620	108	NP929A	123A
NLC152M	5577	NLC290M	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP621	108	NP930	123A
NLC152M	5577	NLC290M	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP622	123	NP930A	123A
NLC152N	5579	NLC290M	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP666	123	NP935	159
NLC152N	5579	NLC290N	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP696	128	NP936	159
NLC152P	5579	NLC290P	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP697	128	NP937	159
NLC152P	5579	NLC290P	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP697A	128	NP938	159
NLC152PA	5579	NLC290P	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP699A	154	NP938	159
NLC152PA	5579	NLC290P	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP699B	154	NP939	159
NLC152PA	5579	NLC290PA	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP702	108	NP940	159
NLC152PB	5579	NLC290PA	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP703	108	NP941	159
NLC152PB	5579	NLC290PB	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP706	108	NP942	159
NLC152S	5579	NLC290S	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP706A	108	NP943	159
NLC152S	5579	NLC290S	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP706B	108	NP944	159
NLC152T	5579	NLC290S	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP706C	108	NP945	159
NLC152T	5579	NLC290T	5587	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP708	123A	NP946	159
NLC153E	5368	NLC350A	5590	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP708A	123A	NP947	123A
NLC153E	5368	NLC350A	5590	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP709	108	NP948	106
NLC153M	5368	NLC350B	5590	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP709A	108	NP981	128
NLC153M	5368	NLC350B	5590	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP715	123	NP988	108
NLC153N	5369	NLC350C	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP717	108	NP989	108
NLC153N	5369	NLC350C	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP718	108	NP990	108
NLC153P	5369	NLC350D	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP719	194	NP996	106
NLC153P	5369	NLC350D	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP719A	194	NP997	172A
NLC153S	5369	NLC350E	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP720	128	NP998	172A
NLC153S	5369	NLC350E	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP720A	128	NP999	172A
NLC153T	5369	NLC350M	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP721	159	NP1005	108
NLC153T	5369	NLC350M	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP721A	159	NP1006	123A
NLC154A	5371	NLC350N	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP722	159	NP1024	106
NLC154A	5371	NLC350N	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP722A	159	NP1025	159
NLC154B	5371	NLC350P	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP726	106	NP1027	159
NLC154C	5371	NLC350P	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP727	123	NP1028	159
NLC154C	5371	NLC350PA	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP728	123	NP1034	129
NLC154D	5371	NLC350PA	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP729	123	NP1035	129
NLC154D	5371	NLC350PB	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP738	154	NP1036	129
NLC154E	5371	NLC350S	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP739A	154	NP1037	129
NLC154E	5371	NLC350S	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP740	154	NP1051	123A
NLC154M	5371	NLC350S	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP740A	154	NP1052	154
NLC154M	5371	NLC350T	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP742	123	NP1053	154
NLC154M	5371	NLC350T	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP743	108	NP1060	108
NLC178A	5580	NLC380A	5590	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP743A	108	NP1081	123A
NLC178B	5580	NLC380A	5590	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP744	108	NP1092	128
NLC178B	5580	NLC380B	5590	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP745	123A	NP1095	103
NLC178C	5582	NLC380C	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP746	123A	NP1096	103
NLC178C	5582	NLC380C	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP747	123A	NP1103	123A
NLC178D	5582	NLC380D	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP748	123A	NP1104	123
NLC178E	5582	NLC380D	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP749	123A	NP1116	123A
NLC178E	5582	NLC380E	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP751	123A	NP1117	123A
NLC178M	5582	NLC380E	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP752	108	NP1118	159
NLC178M	5582	NLC380M	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP753	123A	NP1118A	159
NLC178N	5584	NLC380M	5592	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP754	123A	NP1131	159
NLC178N	5584	NLC380N	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP756	108	NP1131A	159
NLC178P	5584	NLC380N	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP757	123	NP1132	159
NLC178P	5584	NLC380P	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP757A	123	NP1132A	159
NLC178PA	5584	NLC380PA	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP758	108	NP1139	123A
NLC178PB	5584	NLC380PB	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP758A	123	NP1140	123
NLC178PB	5584	NLC380PB	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP759	123	NP1150	123
NLC178S	5584	NLC380S	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP759A	123	NP1151	123
NLC178T	5584	NLC380S	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP759B	123	NP1152	123
NLC178T	5584	NLC380T	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP759C	123	NP1153	123
NLC180A	5580	NLC501A	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP760	108	NP1159	123A
NLC180A	5580	NLC501A	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP760A	108	NP1199A	123A
NLC180B	5580	NLC501A	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP761	123	NP1207	154
NLC180B	5580	NLC501B	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP762	108	NP1219	159
NLC180C	5582	NLC501B	5594	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP762A	108	NP1220	159
NLC180C	5582	NLC501C	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP772	123	NP1221	159
NLC180D	5582	NLC501C	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP772A	123	NP1222	159
NLC180D	5582	NLC501D	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP773	123A	NP1223	159
NLC180E	5582	NLC501E	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP774	123A	NP1232	129
NLC180E	5582	NLC501E	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP774A	123A	NP1233	129
NLC180M	5582	NLC501F	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP775	123	NP1234	129
NLC180M	5582	NLC501F	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP776	123	NP1240	106
NLC180M	5584	NLC501M	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP777	123	NP1241	106
NLC180M	5584	NLC501M	5595	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP778	123	NP1242	123
NLC180N	5584	NLC501N	5596	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP779	123	NP1247	123
NLC180P	5584	NLC501N	5596	NLC601T	5599	NLF180T	5584	NLF701T	5599	NP779A	123	NP1248	123
NLC180P	5584												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
NP1441	159	NP2218	123	NP2675	123A	NP3210	123A	NP3691	108	NP4235	129	NP5221	290A
NP1442	159	NP2218A	123	NP2676	123A	NP3211	123A	NP3692	108	NP4248	159	NP5222	107
NP1443	159	NP2219A	123A	NP2677	123A	NP3217	159	NP3693	229	NP4249	159	NP5223	123A
NP1469	100	NP2220	123A	NP2678	123A	NP3218	159	NP3694	229	NP4250	159	NP5224	123A
NP1472	128	NP2221	123A	NP2692	123A	NP3227	108	NP3700	154	NP4250A	159	NP5225	123A
NP1474	159	NP2221A	123A	NP2693	123A	NP3241	123A	NP3701	154	NP4251	108	NP5226	159
NP1474A	159	NP2222	123A	NP2695	159	NP3241A	123A	NP3702	159	NP4256	123A	NP5227	159
NP1505	108	NP2222AP	123AP	NP2696	159	NP3242	123A	NP3703	159	NP4269	154	NP5232	123A
NP1506	108	NP2236	123A	NP2706	158	NP3242A	123A	NP3704	123A	NP4270	154	NP5233	128
NP1506A	108	NP2237	123A	NP2707	158	NP3247	123A	NP3705	123A	NP4274	108	NP5234	128
NP1507	108	NP2240	123A	NP2708	108	NP3250	159	NP3706	123A	NP4275	108	NP5235	128
NP1572	154	NP2241	123A	NP2709	159	NP3250A	159	NP3707	123A	NP4286	123A	NP5242	128
NP1573	154	NP2242	123A	NP2710	108	NP3251	159	NP3708	123A	NP4287	123A	NP5243	129
NP1574	154	NP2244	123A	NP2713	123A	NP3251A	159	NP3709	123A	NP4288	159	NP5262	282S
NP1586	107	NP2245	123A	NP2714	123A	NP3261	123A	NP3710	123A	NP4289	159	NP5272	108
NP1587	107	NP2246	123A	NP2715	123A	NP3268	123	NP3711	123A	NP4290	159	NP5305	172A
NP1588	123A	NP2247	123A	NP2716	123A	NP3288	161	NP3712	154	NP4291	159	NP5306	172A
NP1589	107	NP2248	123A	NP2719	123A	NP3289	161	NP3721	107	NP4354	159	NP5307	172A
NP1591	123A	NP2249	123A	NP2723	108	NP3290	161	NP3723	123A	NP4355	159	NP5308	172A
NP1592	107	NP2250	123A	NP2784	108	NP3291	161	NP3762	129	NP4359	159	NP5309	128
NP1593	107	NP2251	123A	NP2800	159	NP3292	161	NP3763	129	NP4400	123A	NP5310	199
NP1594	123A	NP2252	123A	NP2801	159	NP3299	311	NP3764	129	NP4401	123A	NP5311	199
NP1595	129	NP2253	123A	NP2802	106	NP3300	311	NP3765	129	NP4402	159	NP5354	159
NP1623	129	NP2254	123A	NP2803	106	NP3301	123A	NP3783	123A	NP4403	159	NP5355	159
NP1640	106	NP2255	123A	NP2804	106	NP3302	123A	NP3794	123A	NP4409	194	NP5356	159
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NP1643	106	NP2258	160	NP2806	106	NP3306	159	NP3799	159	NP4412	129	NP5366	159
NP1645	159	NP2271	123A	NP2807	106	NP3307	159	NP3825	107	NP4413	159	NP5367	159
NP1644	123A	NP2272	123A	NP2831	123A	NP3308	159	NP3826	107	NP4414	129	NP5368	123A
NP1663	123A	NP2274	159	NP2837	159	NP3317	159	NP3827	229	NP4415	159	NP5369	123A
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NP1947	123A	NP2368	123A	NP2884A	159	NP3398	123A	NP3857	159	NP4943	128	NP5450	128
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NP1951	123A	NP2387	123A	NP2904A	192	NP3404	192	NP3860A	123A	NP4951	123A	NP5551	287
NP1952	123A	NP2388	123A	NP2905	129	NP3407	108	NP3860	107	NP4952	123A	NP5569	123A
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NP1959	123A	NP2393	159	NP2906A	159	NP3416	123A	NP3900	123A	NP4960	128	NP5582	129
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NP1973	123A	NP2411	159	NP2924	123A	NP3478	316	NP3906	159	NP4966	123A	NP6507	229
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NP1975	123A	NP2425	159	NP2926	123A	NP3498	123	NP3915	106	NP4968	123A	NP6512	229
NP1983	123A	NP2428	102A	NP2927	159	NP3502	129	NP3923	154	NP4969	123A	NP6513	229
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NP1987	123A	NP2432	123A	NP2934	123A	NP3506	128	NP3933	108	NP4996	108	NP6517	159
NP1988	123A	NP2443	128	NP2935	123A	NP3508	108	NP3934	128	NP4997	108	NP6518	159
NP1989	108	NP2466	123A	NP2938	123A	NP3509	108	NP3962	128	NP5023	128	NP6519	159
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NP1992	123A	NP2481	123A	NP2946	159	NP3526	154	NP3965	159	NP5042	129	NP6522	159
NP2002	159	NP2483	123A	NP2946A	159	NP3527	159	NP3975	123A	NP5086	159	NP6523	159
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NP2006	159	NP2501	123A	NP2969	106	NP3545	159	NP3978	159	NP5088	159	NP6531	107
NP2007	159	NP2509	154	NP2970	106	NP3547	159	NP3979	159	NP5089	123A	NP6532	107
NP2008	194	NP2510	154	NP2971	106	NP3548	159	NP3983	108	NP5107	123A	NP6533	159
NP2017	128	NP2511	154	NP3009	159	NP3549	159	NP3984	108	NP5126	161	NP6534	159
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NP2041	123A	NP2523	123A	NP3014	123A	NP3565	123A	NP4026	129	NP5130	161	NP6561	123A
NP2049	123A	NP2524	123A	NP3015	123	NP3566	123A	NP4027	129	NP5131	108	NP6562	159
NP2106	128	NP2529	123A	NP3017	128	NP3567	128	NP4028	129	NP5132	107	NP6563	159
NP2107	128	NP2530	123A	NP3019	128	NP3568	128	NP4029	129	NP5133	161	NP6565	123A
NP2108	128	NP2531	123A	NP3020	128	NP3569	128	NP4030	129	NP5134	123A	NP6566	123A
NP2161	123A	NP2532	123A	NP3062	159	NP3570	108	NP4031					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
NPC108	451	NS420	5554	NS9016E	107	NSP600	332	NT55C24	5081A	NT1133C	147A	NT7733	5143A
NPC108A	451	NS478	123A	NS9016F	107	NSP601	331	NT55C27	146A	NT1301C	5063A	NT7734	5144A
NPC115	128	NS478	123A	NS9018E	108	NSP602	332	NT55C30	5084A	NT1302C	5111A	NT7735	5145A
NPC167	151	NS477	123A	NS9018F	108	NSP695	261	NT55C33	147A	NT1303C	5111A	NT7736	5146A
NPC173	108	NS478	123A	NS9018G	108	NSP695A	261	NT55C36	5085A	NT1304C	5115A	NT7737	5147A
NPC187	128	NS479	123A	NS9400	128	NSP696	262	NT55C39	5086A	NT1305C	5117A	NT7738	5148A
NPC188	108	NS479	123A	NS9420	128	NSP696A	261	NT55C43	5087A	NT1306C	5120A	NT7739	5150A
NPC189	128	NS510	5556	NS9500	128	NSP697	261	NT55C47	5088A	NT1307C	5121A	NT7740	5151A
NPC211N	157	NS520	5556	NS9540	128	NSP697A	261	NT55C51	5089A	NT1308C	5122A	NT7741	5152A
NPC212N	457	NS610	5556	NS9710	108	NSP698	262	NT55C56	5090A	NT1309C	5124A	NT7743	5155A
NPC213N	457	NS820	5556	NS9728	128	NSP698A	262	NT55C62	149A	NT1310C	5125A	NT7744	5156A
NPC214N	457	NS820	5556	NS9729	128	NSP699	261	NT55C68	5092A	NT1311C	5126A	NT7745	5157A
NPC215N	457	NS862	159	NS9730	128	NSP699A	261	NT55C75	5093A	NT1312C	5127A	NT7746	5158A
NPC216N	457	NS863	159	NS9731	128	NSP700	262	NT55C82	150A	NT1313C	5128A	NT7747	5159A
NPC312N	312	NS864	159	NS12000	5820	NSP700A	262	NT55C91	5095A	NT2222	123AP	NT7748	5161A
NPC544	1117	NS865	159	NS12000R	5821	NSP2090	262	NT55C100	5096A	NT2222A	123AP	NT7749	5162A
NPC737	234	NS866	159	NS12001	5820	NSP2091	262	NT55C110	151A	NT2368(Audio)	123AP	NT7750	5164A
NPC750	234	NS867	159	NS12001R	5821	NSP2092A	262	NT55C120	5098A	NT2368A(Audio)	123AP	NT7751	5166A
NPC1075	233	NS868	159	NS12002	5820	NSP2093A	262	NT55C130	5099A	NT2907	159	NT9008	123AP
NP-H10	229	NS710	5558	NS12002R	5821	NSP2100	261	NT55C150	5100A	NT2907A	159	NT9507	159
NP-H17	229	NS720	5558	NS12003	5820	NSP2101	261	NT55C160	5101A	NT5324C	5130A	NT9970	5065A
NP-L51	268	NS731	123A	NS12003R	5821	NSP2102	261	NT55C180	5103A	NT5325C	5131A	NT9971	134A
NPM3398	123A	NS731A	123A	NS12004	5820	NSP2103	261	NT55C200	5105A	NT5326C	5133A	NT9972	5068A
NPM3563	229	NS732	159	NS12004R	5821	NSP2103	261	NT55C200	5105A	NT5327C	5135A	NT9974	137A
NPM3638	159	NS732A	159	NS12006	5822	NSP2955	331	NT55C200	5105A	NT5328C	5136A	NT9981	5112A
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NPM3703	159	NS733A	123A	NS15835L1	506	NSQ4110L1	5626	NT55C200	5105A	NT5330C	5139A	NT9983	5116A
NPM3704	123A	NS734	123A	NS15835L1	506	NSQ6015A	5649	NT55C200	5105A	NT5331C	5141A	NT9984	5119A
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NPM3706	123A	NS810	5558	NS15835L1	506	NSQ6050L2	716	NT55C200	5105A	NT5333C	5143A	NTC-7	199
NPM3707	123A	NS820	5558	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5334C	5144A	NTC-9	198
NPM3708	123A	NS949	123A	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5335C	5145A	NTC-12	165
NPM3709	123A	NS950	192	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5336C	5146A	NTC-13	109
NPM3710	199	NS1000	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5337C	5147A	NTC-14	109
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NPM5172	123A	NS1001	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5339C	5150A	NTC-17	506
NPM5618	153	NS1001A	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5340C	5151A	NTC-19	116
NQ39E	B40240	NS1110	124	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5341C	5152A	NTC-20	5074A
NQ39G	B40240	NS1355	192	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5342C	5153A	NTC-21	712
NR05	101	NS1356	108	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5343C	5155A	NTC21	712
NR041	123A	NS1500	123A	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5344C	5156A	NTC77C18	5133A
NR041E	123A	NS1510	107	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5345C	5157A	NTM2222A	2406
NR-071AU	123A	NS1627	823	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5346C	5158A	NTM2907A	2407
NR071AU	123A	NS1672	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5347C	5159A	NTM3904	2406
NR071E	123AP	NS1672A	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5348C	5161A	NTM3906	2407
NR091ET	123A	NS1673	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5349C	5162A	NU34	109
NR5	101	NS1674	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5350C	5163A	NU398B	116
NR10	101	NS1674A	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5351C	5164A	NUV04	614
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NR241D	229	NS1682	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5360C	5173A	NUV02D18	2V017
NR261AS	123A	NS1683	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5361C	5174A	NUV02D19	2V017
NR271AY	123A	NS1684	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5362C	5175A	NUV02D20	2V017
NR421	107	NS1685	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5363C	5176A	NUV02D21	2V017
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NR421DG	123A	NS1687	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5365C	5178A	NUV02D23	2V017
NR421DH	107	NS1688	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5366C	5179A	NUV02D24	2V017
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NR-601AT	159	NS1699	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5377C	5190A	NUV02D35	2V017
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NR631AY	159	NS1705	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5383C	5196A	NUV02D41	2V017
NR-671ET	193	NS1706	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5384C	5197A	NUV02D42	2V017
NR700	101	NS1707	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200	5105A	NT5385C	5198A	NUV02D43	2V017
NR791E	312	NS1708	159	NS15835L1	506	NSQ6050L2-W2	716	NT55C200					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
03A09	312	0A2	507	0AZ242	5011A	OC140	103A	OC470	159	OP13030	3049	P1E-1VIO	219
03A10	222	0A6	109	0AZ243	5013A	OC140	100	OC470K	159	OP13031	3049	P1E-2BLK	219
03A11	222	0A7	109	0AZ244	5014A	OC141	103A	OC601	102A	OP13032	3049	P1E-2BLU	219
03A12	123AP	0A8	116	0AZ245	5015A	OC169	160	OC602	102A	OP13150	3084	P1E-2GRN	219
		0A9	110A	0AZ246	5016A	OC169	160	OC602	102A	OP13151	3084	P1E-2RED	219
03A02	123A	0A9D	109	0AZ247	5018A	OC169R	160	OC602SP	102A	OP13152	3083	P1E-2VIO	219
03A03	123A	0A9Z	109	0AZ248	5008A	OC170	126A	OC602SQ	102A	OP13153	3084	P1E-3BLK	219
03A05	108	0A10	5800	0AZ269	5010A	OC170	160	OC603	102A	OP13250	3084	P1E-3BLU	219
03A06	123A	0A90	128	0AZ270	5013A	OC170N	160	OC604	102A	OP13251	3084	P1E-3GRN	219
03A07	123A	0A47	109	0AZ271	5015A	OC170R	160	OC604	102A	OP13252	3083	P1E-3RED	219
03A09	312	0A50	109	0AZ272	5018A	OC170V	160	OC604SP	102A	OP13253	3084	P1E-3VIO	219
040934	130	0A70	109	0AZ273	5021A	OC171	160	OC612	126A	OP15000A	3040	P1G	127
04095	302	0A71	109	0AZ290	5180AK	OC171	126A	OC612	126A	OP15010A	3040	P1H	159
04096	236	0A71C	109	0AZ291	5182AK	OC171N	160	OC613	126A	OP16000	3088	P1J	159
04S11	152	0A72	109	0AZ292	5185A	OC171R	160	OC613	126A	OP16100	3088	P1K	121
04S05	302	0A73	109	0B2764K-2	2764	OC171V	160	OC614	126A	OP17002	3081	P1KBLK	121
04S06	235	0A73C	109	0BG1000	3115	OC200	159	OC614	126A	OP17010	3081	P1KBLU	121
04S01	519	0A74	109	OC16	121	OC201	159	OC615	160	OP17320	3082	P1KBRN	121
04S03	109	0A74A	109	OC18	104	OC202	159	OC615N	160	OP17340	3082	P1KGRN	121
04S05	519	0A79	109	OC19	121	OC203	159			OPL1209	3007		
04S06	177	0A81	109	OC20	121	OC204	159	OC700	159	OPL1210	3009	P1KORN	121
04S07	116	0A81C	109	OC22	104	OC205	159	OC700A	159	OPL1211	3010	P1KRED	121
04S08	614	0A85	109	OC23	121	OC206	159	OC700B	159	ORF-2	128	P1KVEL	121
04S09	156	0A85C	109	OC23	121	OC207	159	OC702	159	OS70	109	P1L	102A
04S01	519	0A86	109	OC23	104	OC302	102A	OC702A	159	OS492	176	P1L4956	102A
04S03	109	0A86C	109	OC24	121	OC303	102A	OC702B	159	OS16308	116	P1M	129
04S05	519	0A90	109	OC24	104	OC304	102A	OC704	116	OS16308	116	P1N	129
04S06	177	0A90	109	OC25	104	OC304	176	OC711	102A	OSD-0033	138A	P1N-1	159
04S07	116	0A90(G)	109	OC25	104	OC304-1	102A	OC740	159	OSS16308	109	P1N-2	159
04S08	614	0A90AG	110A	OC26	121	OC304-1	158	OC740G	159	OSS-16308	116	P1N-3	159
04S09	156	0A90AM	109	OC26	104	OC304/2	158			OSS16685	109	P1P	159
05B(ZENER)	500A	0A90FM	110MF	OC27	104	OC304-2	102A	OC740M	159	OSS-16685	109	P1P-1	159
05M1	5010A	0A90FV	109	OC28	121	OC304-3	102A	OC742	159	OSS36503	116	P1P	104
05Z3.9Y	5007A	0A90G	109	OC28	104	OC304-3	158	OC742G	159	OSS36685	116	P1T	121
05Z4.3Y	5008A	0A90G	109	OC29	104	OC304N	102A	OC742M	159	OSS36885	116	P1V	185
05Z4.3Z	5009A	0A90GA	109	OC29	121	OC305	102A	OC742O	159	OSS-36885	116	P1V-1	185
05Z4.7Y	5009A	0A90LF	109	OC30	121	OC305/1	158	OC810	102A	OSS-36885	116	P1V-2	185
05Z5.1X	5010T1	0A90M	131	OC30A	131	OC305-1	102A	OC975	126A	OY-0241	109	P1V-3	185
05Z5.1Y	5010T1	0A90MFV	109	OC30A	131	OC305-2	158	OD-S51885XT	116	OY101	116	P1V-4	153
05Z5.1Z	5010TJ	0A90MLF	109	OC30B	131	OC305-2	102A	OF66	506	OY-5061	116	P1W	159
05Z5.6L	136A	0A90Z	109	OC32	102	OC306	102A	OF129	102A	OY5061	116	P1Y	127
05Z5.6X	5011T1	0A90ZA	109	OC33	102A	OC306-1	102A	OF129	102A	OY5062	116	P2A	159
05Z5.6Y	5011T1	0A91	109	OC34	102A	OC306-1	158	OF131	519	OY5062	116	P2A5	116
05Z6.2	137A	0A91A	109	OC34	102A	OC306-2	158	OF156	519	OY5063	116	P2B	153
05Z6.2L	137A	0A91A	109	OC35	121	OC306-2	102A	OF160	116	OY5064	116	P2B5	116
05Z6.2W	5013T1	0A92	109	OC35	104	OC306/3	158	OF162	177	OY5065	116	P2C	104
05Z6.2WFA-1	5013T1	0A95	110MF	OC36	104	OC306-3	102A	OF164	116	OY5066	116	P2C5	116
05Z6.2Y	5013T1	0A95	110MF	OC36	104	OC307	102A	OF173	109	OY5067	125	P2D	121
05Z6.2Z	5013T1	0A99	109	OC38	102A	OC307	102A	OG-30L125	116	OZ-0505P600	5011A	P2D5	116
05Z6.8	5071A	0A111SE	5074A	OC38	102A	OC307-1	102A			OZ-6T5	134A	P2DBLU	121
05Z6.8Y	5014A	0A126/5	5069A	OC40	126A	OC307-2	102A	OG/610232-2	123AP	OZ3.6T10	134A	P2DBRN	121
05Z6.8Z	5014A	0A126/10	5020A	OC41	102	OC307-3	102A	O-15551	194	OZ5.1T5	135A	P2DGRN	121
05Z7.5	138A	0A126/12	5022A	OC41	102A	OC308	102A	OLD315D	3010	OZ5.1T10	135A	P2DORN	121
05Z8.2	5072A	0A126-12	142A	OC41N	102A	OC308	102A	OLD316D	3000	OZ5.6T5	136A	P2DRED	121
05Z9.1	139A	0A126/14	144A	OC42	126A	OC309	102A	OLD3101D	3024	OZ6.2T5	137A	P2DYEL	121
05Z10	140A	0A127	116	OC42N	102A	OC309-1	102A	OLD4101D	3025	OZ6.2T10	137A	P2E	159
05Z10L	140A	0A128	116	OC43	102A	OC309-2	102A	OLD7101D	3021	OZ10T5	140A	P2F	176
05Z11	5074A	0A129	116	OC43N	126A	OC309-3	102A	ON047204-2	123A	OZ10T10	140A	P2G	159
05Z12	142A	0A130	116	OC44	100	OC318	102A	ON174	160	OZ12T5	142A	P2GE	159
05Z12X	5021A	0A131	116	OC45	102A	OC318	102A			OZ12T10	142A	P2H	159
05Z12Y	5021T1	0A132	116	OC45	102A	OC320	160	ON271	123A	OZ15T5	145A	P2J	180
05Z13	143A	0A134Q	109	OC45N	102A	OC330	102A	ON274	123A	OZ15T10	145A	P2K	153
05Z15	145A	0A150	109	OC46	102A	OC330	102A	ON282	280	OZ21T5	146A	P2L	159
05Z15Y	5024A	0A151	160	OC46	102A	OC331	102A	ON769(CBE)	47	OZ27T10	146A	P2M-1	159
05Z16	5075A	0A152	160	OC46N	102A	OC340	102A			P00347100	159	P2M-2	159
05Z16X	5025A	0A159	109	OC47	102A	OC340	102A	ON3500	3046	P00347101	159	P2M-3	159
05Z18	5077A	0A160	109	OC47	102A	OC341	102A	ON4047	2318	P04-41-0025-001	519	P2M3Z	5404
05Z24	5081A	0A161	109	OC47N	102A	OC341	102A	ON4204-1	123A	P04-42-0011	519	P2P	159
05Z33-Y	5036A	0A172	109	OC50	126A	OC342	102A	ON04443	123A	P04-44-0028	123A	P2R	104
05Z33Y	5036A	0A174	109	OC53	160	OC342	126A	O0V60529	128	P04-45-0014-P2	123A	P2S	159
06C(ZENER)	5012A	0A180	116	OC54	160	OC343	102A	OP-130	3028	P04-45-0014-P5	123A	P2T	185
06M(ZENER)	5012A	0A200	177	OC55	160	OC343	126A	OP130	3028	P04-45-0015-P1	159	P2T-1	185
06M(Zener)	5012A	0A202	177	OC56	102A	OC350	102A	OP131	3028	P04-45-0016-P1	159	P2T-2	185
07B2B	708	0A205	177	OC65	102A	OC350	102A	OP131	3028	P04-45-0026-P5	128	P2T-3	185
07B27	708	0A210	116	OC65	102A	OC351	126A	OP800	3032	P04-450016-002	159	P2T-4	185
07D	5015A	0A211	116	OC66	102A	OC351	102A	OP801	3032	P074LS04	74LS04	P2U	189
08A	5015A	0A214	116	OC66	102A	OC360	102A	OP13009	3047	P0102AA	5402	P2U-1	189
09-308113	177	0A541	109	OC70	102A	OC360	102A	OP13010	3047	P0102BA	5404	P2U-2	211
09-306195	177	0A909	109	OC70	102A	OC361	126A	OP13011	3047	P0102CA	5405	P2V	189
09-308084	1127	0A1265	135A	OC70N	102A	OC362	102A	OP13012	3047	P0102DA	5406	P2W	159
09-309060	123A	0A12610	140A	OC71	102A	OC362	102A	OP13020	3048	P0103BA	5404	P2Y	159
09A07	787	0A12612	142A	OC71	102A	OC363	102A	OP13021	3048	P0103DA	5405	P2Z	179
09C5(Zener)	5018A	0A12614	144A	OC71A	102A	OC363	126A	OP13022	3048	P0103MA	5406	P3/2H	116
09A1GOF	5567	0AZ200	5009A	OC71A	102A	OC364	102A	OP13023	3048	P0445-0034-1	181	P3A	197
09A1OOF	5567	0AZ201	5010A	OC71N	102A	OC364	102A	OP16000	3088	P0445-0034-2	181	P3A5	116
09AAGOF	5567	0AZ202	5011A	OC71N	102A	OC390	126A	OP16100	3088	P04410025-003	519	P3B	158
09AABOOF	5567	0AZ203	5013A	OC72	102A	OC390	126A	OP17002	3081	P04410042-001	519	P3B5	116
09ABBOOF	5567	0AZ204	5014A	OC73	102A	OC400	160	OP17320	3082	P04410042-002	519	P3C	159
0101	116	0AZ205	5015A	OC73	102A	OC410	100	OP17340	3082	P04440028-001	123A	P3C5	116
		0AZ206	5016A	OC74	102A	OC410	160			P04440028-002	123A	P3CA	159
0234	116	0AZ207	5018A	OC74	102A	OC430	159	OPB816	3100	P0			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
P3R-2	131	P25DA30U	5711	P400	116	P3216	8216	P31898	121	PA7703E	703	PC0611A	611
P3R-3	131	P25DA40U	5711	P400E05	6102	P3309	5079A	P31898	121	PA7703X	703	PC0620A	610
P3R-4	131	P25DA60U	5711	P400E05R	6103	P3601	745387	P37009	145A	PA7709	909	PC78M18	958
P3S	185	P25DA80U	5711	P480A0018	128	P3602	745570	P50200-11	130	PA7709C	909	PC107	610
P3T	131	P25DA100U	5711	P480A0022	159	P3604	745475	P64447	123A	PA7710-31	910	PC107 (TRANSISTOR)	159
P3T-1	131	P25DA120U	5711	P480A0023	159	P3604A	745475	P69941	199	PA7710-39	910	PC107A	610
P3T-2	131	P25DA30U	5710	P480A0027	159	P3604A-2	745475	P75534	121	PA7711-31	911	PC107A (TRANSISTOR)	159
P3U	197	P25DS40U	5710	P480A0028	123A	P3605	745572	P75534-1	121	PA7741	941	PC108	159
P3UA	183	P25DS60U	5710	P480A0029	123A	P3605A	745572	P75534-2	104	PA7741C	941	PC108A	159
P3V	242	P25DS80U	5710	P504	5940	P3605A-1	745572	P75534-3	104	PA8260	199	PC127	614
P3W	219	P25DS100U	5710	P504A	3086	P3608	745479	P75534-4	121	PA8261	145A	PC127A	614
P3Y	189	P25DS120U	5710	P504R	5944	P3621	745287	P75534-5	121	PA8543	199	PC128	614
P3Z	159	P32H	116	P506	5940	P3622	745571	P633024	128	PA8645	116	PC128A	614
P4A5	116	P34-3	131	P506R	5944	P3624	745474	P633024C (Sylvania)	128	PA8900	189	PC132	611
P4B	193	P40DA30U	5711	P510	5940	P3624A	745474	P633024G	128	PA9004	199	PC132A	611
P4B5	116	P40DA40U	5711	P510R	5944	P3624A-2	745474	P633567	123A	PA9005	199	PC133	613
P4C	159	P40DA60U	5711	P531	3041	P3625	745573	P6450026	128	PA9006	123A	PC133A	613
P4C5	116	P40DA80U	5711	P532	3041	P3625A	745573	P6460006	102	PA9154	160	PC134	611
P4D	104	P40DA100U	5711	P541G	3091	P3625A-1	745573	P6460037	102	PA9155	160	PC135A	613
P4D5	116	P40DA120U	5711	P547G	3091	P3628	745478	P6480001	121	PA9156	102A	PC136	613
P4E	185	P40DS30U	5710	P580	125	P3628A	745478	PA05	5340	PA9157	102A	PC136A	613
P4E-1	183	P40DS40U	5710	P600	116	P3628A-1	745478	PA-069	116	PA9158	158	PC138	610
P4E-2	183	P40DS60U	5710	P600A	5812	P3628A-3	745478	PA069	116	PA9160	116	PC138A	610
P4E-3	242	P40DS80U	5710	P600B	5812	P4004	5948	PA070	116	PA9275	137A	PC139	610
P4E-4	242	P40DS100U	5710	P600D	5814	P4004R	5949	PA071	116	PA9483	192	PC139A	610
P4F	127	P40DS120U	5710	P600G	5814	P4006	5948	PA-3	116	PA10556	116	PC140	610
P4G	127	P51A	6007	P600J	5815	P4006R	5949	PA3	116	PA-10556	108	PC140A	610
P4H	127	P51B	6007	P600K	5817	P4010	5948	PA10	5340	PA10880	116	PC141	610
P4J	242	P51C	6007	P800	125	P4010R	5879	PA20	5340	PA10881	116	PC141A	610
P4J148	152	P52A	6006	P1000	125	P4069	128	PA40	5342	PA-10889-1	121	PC202	610
P4K	159	P52B	6006	P1000A	159	P4326	177	PA60	5342	PA10889-1	158	PC203	610
P4L	104	P52C	6006	P1004	5944	P5006	5952	PA80	5344	PA10889-2	158	PC204	610
P4M	121	P55DA30U	5711	P1004R	5855	P5006R	5953	PA100	5344	PA-10889-2	121	PC205	610
P4N	104	P55DA40U	5711	P1006	5944	P5010	5882	PA200	5340	PA10890	104	PC207	610
P4P	159	P55DA60U	5711	P1006R	5855	P5010R	5883	PA230	847	PA-10890	121	PC208	610
P4R	159	P55DA80U	5711	P1010	5944	P5034	130	PA-230	847	PA10890-1	121	PC209	610
P4S	185	P55DA100U	5711	P1010R	5945	P5100	125	PA234	717	PA-10890-1	121	PC210	610
P4T	183	P55DA120U	5711	P1062-02	3041	P5101	65101	PA238	847	PA10891	160	PC211	610
P4U	185	P55DS30U	5710	P1104	6002	P5101-1	65101	PA239	847	PADT12	160	PC212	610
P4V	185	P55DS40U	5710	P1104R	6003	P5101-3	65101	PA239	721	PADT22	160	PC213	610
P4V-1	185	P55DS60U	5710	P1106	6002	P5101-8	65101	PA243	717	PADT23	160	PC214	610
P4V-2	183	P55DS80U	5710	P1106R	6003	P5101L-3	65101	PA277	804	PADT24	160	PC215	610
P4W	153	P55DS100U	5710	P1110	5890	P5148	175	PA300	116	PADT30	160	PC216	610
P4W-1	185	P55DS120U	5710	P1110R	5891	P5149	130	PA301	1025	PADT26	160	PC217	610
P4W-2	185	P62H	116	P1172	177	P5152	123A	PA305	116	PADT27	160	PC218	610
P4Y	159	P67	123A	P1172-1	177	P5153	123A	PA305A	116	PADT28	160	PC219	610
P4Z	128	P70D30U	6230	P1603-02	3041	P6004	5952	PA306	804	PADT29	160	PC220	610
P5A5	116	P70D40U	6230	P1901-48	199	P6004R	5953	PA320	116	PADT31	160	PC221	610
P5B	159	P70D60U	6230	P1901-50	123A	P6006	5952	PA310A	116	PADT35	160	PC222	610
P5B5	116	P70D80U	6230	P1901-70	159	P6006R	5953	PA315	116	PADT40	160	PC223	610
P5C	159	P70D100U	6230	P2004	5944	P6009	5945	PA315A	116	PADT50	104	PC224	610
P5C5	116	P70D120U	6230	P2004R	5945	P6010	5882	PA320	116	PADT51	160	PC225	610
P5D	159	P82H	116	P2006	5944	P6010R	5883	PA320A	116	PAR12	121	PC226	610
P5D5	116	P90DS30U	5720	P2006R	5945	P6022A	175	PA320A	116	PAR12	121	PC227	610
P5F	242	P90DS40U	5720	P2010	5944	P6128	175	PA320B	116	P805	5322	PC228	610
P5H	153	P90DS60U	5720	P2010R	5945	P6500A	181	PA320B	116	PB10	5322	PC229	610
P5L	185	P90DS80U	5720	P2015	727	P6502B	6502	PA320B	116	PB10	5322	PC230	610
P5M	187	P90DS100U	5720	P2102A	2102	P6502B	6502	PA325A	116	PB60	5326	PC231	610
P5R	185	P90DSU120	5720	P2102A-4	2102	P6804	175	PA325B	116	PB80	5327	PC232	610
P5S	242	P100	116	P2102A-6	2102	P7109	156	PA325B	116	PB100	5328	PC233	610
P5U	153	P100A	116	P2104A	2104	P7394	117A	PA330	116	PB110	121	PC234	610
P6/2H	116	P100B	116	P2104A-2	2104	P7776	117A	PA330A	116	PB214	8214	PC235	610
P6A5	116	P100D	116	P2104A-3	2104	P8004	5998	PA330B	116	PB6004	159	PC303	611
P6B5	116	P100G	116	P2104A-4	2104	P8004R	5999	PA340	116	PB6013	159	PC304	611
P6C5	116	P100J	116	P2107A	2107	P8006	5998	PA340A	116	PB6013A	159	PC305	611
P6D5	116	P101	5700	P2107A-1	2107	P8006R	5999	PA340B	116	PB6013B	159	PC309	611
P6E	185	P101W	5700	P2107A-4	2107	P8006R	5999	PA340B	116	PB6014	159	PC310	611
P6G	153	P102W	5700	P2107A-5	2107	P8010	5886	PA350A	116	PB6014A	159	PC315	611
P6KE6.8	4902	P102W	5700	P2107AAS	2107	P8010R	5887	PA360	116	PBC107	199	PC316	611
P6KE6.8A	4902	P103	5700	P2107B	2107	P8080A	8080A	PA360A	116	PBC107A	199	PC317	611
P6KE6.8CA	4903	P103W	5700	P2107B-1	2107	P8102A	2102	PA380	125	PBC107B	199	PC321	611
P6KE13A	4918	P104	5700	P2107B-2	2107	P8102A-4	2102	PA400	1090	PBC108	199	PC322	611
P6KE13CA	4919	P104W	5700	P2107C	2107	P8216	8216	PA400	116	PBC108A	199	PC323	611
P6KE18	4926	P110R	6003	P2107C-2	2107	P8216C	8216	PA400 (IC)	1090	PBC108B	199	PC327	611
P6KE18A	4926	P111	5701	P2107C-4	2107	P8224	8224	PA401	1090	PBC108C	199	PC328	611
P6KE18CA	4927	P111W	5701	P2114	2114	P8224C	8224	PA500	1090	PBC109	199	PC329	611
P6KE20	4928	P112	5701	P2114-3	2114	P8228	8228	PA500	1090	PBC109B	199	PC333	611
P6KE20A	4928	P112W	5701	P2114A-3	2114	P8255	8255	PA500X	1090	PBC109C	199	PC334	611
P6KE20CA	4929	P113	5701	P2114AP-3	2114	P8255C	8255	PA501	1148	PBC112	108	PC335	611
P6KE27	4934	P114	5701	P2117-4	2117	P8393	123A	PA501X	1090	PBC183	289A	PC503	3040
P6KE27A	4934	P114W	5701	P2128	2128	P8393	123A	PA600	116	PBC184	192	PC504	613
P6KE27CA	4935	P115	5701	P2128-15	2128	P8394	123A	PA601BB	123AP	PBD352301	2011	PC505	613
P6KE51	4950	P115W	5701	P2128-20	2128	P8870	121	PA1000	159	PBD352302	2012	PC510	613
P6KE51A	4950	P131	5702	P2147	2147	P8890	121	PA1001	159	PBD352303	2013	PC511	613
P6KE51CA	4951	P132	5702	P2147-3	2147	P8890L	121	PA1001A	159	PBE3014-1	158	PC516	613
P6KE68	4958	P133	5702	P2147-6	2147	P9459	116	PA3005	1606	PBE3014-2	158	PC517	613
P6KE68A	4958	P134	5702	P2164-15	2164	P9623	123A	PA6013	123AP	PBE3020-1	158	PC523	613
P6KE68CA	4959	P135	5702	P2164-20	2164	P9626-96	65101	PA6013A	123AP	PBE3020-2	103A	PC529	613
P6KE200	4988	P141	5703	P2164-25	2164	P9962-1	128	PA7000/591	909D	PBE3162	158	PC534	613
P6KE200A	4988	P142	5703	P2164-30	2164	P9962-2	128	PA7001/0001	123A	PBE3162-1	102A	PC535	613
P6RPH	125	P143	5703	P2164A-15	2164	P9962-3	128	PA7001/501	909	PBE3162-2	102A	PC554	1142

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
PC1401A	611	PD201	108	PE70F-20	5722	PET8006	123A	PIV-2	197	PL3065	712	PN2482	123AP
PC1403A	613	PD201B	108	PE70F-40	5722	PET8007	123A	PIV-3	197	PL3065	712	PN2482	123AP
PC1404A	614	PD201C	108	PE70F-60	5722	PET8201	108	PK15E68	4902	PL3065	712	PN2482	123AP
PC1410A	610	PD201D	108	PE70F-80	5722	PET8250	108	PK15E130	4918	PL3065	712	PN2482	123AP
PC1411A	611	PD202B	123AP	PE80	5311	PET8251	108	PK15E180	4926	PL3065	712	PN2482	123AP
PC1414A	614	PD202C	123AP	PE100	5311	PET8300	108	PK15E200	4928	PL3065	712	PN2482	123AP
PC1879-004	140A	PD202D	123AP	PE107	107	PET9002	123A	PK15E270	4934	PL3065	712	PN2482	123AP
PC2010LC-1	5417	PD910	116	PE107A	123AP	PET9021	128	PK15E510	4950	PL3065	712	PN2482	123AP
PC2010LC-2	5418	PD913	125	PE107B	123AP	PET9022	128	PK15E680	4958	PL3065	712	PN2482	123AP
PC2010LC-3	5419	PD914	125	PE108	123AP	PF05	5304	PK15E2000	4988	PL3065	712	PN2482	123AP
PC2600A	610	PD915	125	PE108A	123AP	PF826V8	4902	PK25F-20	5710	PL3065	712	PN2482	123AP
PC2601A	611	PD916	125	PE108B	123AP	PF827	4926	PK25F-40	5710	PL3065	712	PN2482	123AP
PC2603A	613	PD1001	123AP	PE109B	123AP	PF827	4934	PK25F-60	5710	PL3065	712	PN2482	123AP
PC2604A	614	PD1011	166	PE109C	123AP	PF828	4958	PK25F-80	5710	PL3065	712	PN2482	123AP
PC2610A	610	PD1020	169	PE210	229	PF10	5304	PK40F-20	5710	PL3065	712	PN2482	123AP
PC2611A	611	PD1567	169	PE210C	229	PF20	5304	PK40F-40	5710	PL3065	712	PN2482	123AP
PC2613A	613	PD4068BC	4068B	PE254A	229	PF40	5304	PK40F-60	5710	PL3065	712	PN2482	123AP
PC2614A	614	PD6000	5002A	PE254B	229	PF60	5305	PK40F-80	5710	PL3065	712	PN2482	123AP
PC3002	158	PD6000A	5002A	PE254C	229	PF80	5306	PK55F-20	5712	PL3065	712	PN2482	123AP
PC3003	158	PD6002	5005A	PE401	116	PF100	5307	PK55F-40	5710	PL3065	712	PN2482	123AP
PC3004	121	PD6002A	134A	PE401	116	PF-AR15	130	PK55F-60	5710	PL3065	712	PN2482	123AP
PC3005	158	PD6003	134A	PE401N	116	PF-AR18	125	PK55F-80	5710	PL3065	712	PN2482	123AP
PC3006	158	PD6003A	134A	PE402	116	PF856	175	PK70F-20	5720	PL3065	712	PN2482	123AP
PC3007	158	PD6004	134A	PE403	116	PF/SC1	230	PK70F-40	5720	PL3065	712	PN2482	123AP
PC3009	158	PD6004A	5067A	PE404	116	PF/SC2	231	PK70F-60	5720	PL3065	712	PN2482	123AP
PC3010	131	PD6005A	5068A	PE405	116	PF/TV117	152	PK70F-80	5720	PL3065	712	PN2482	123AP
PC3490N	2029	PD6006	135A	PE406	116	PFZ1D10	B40240	PK810A	255	PL3065	712	PN2482	123AP
PC3492N	2030	PD6006A	5069A	PE408	125	PFZ1D15	B40240	PK811A	255	PL3065	712	PN2482	123AP
PC3494N	2031	PD6007	135A	PE410	125	PFZ1D25	B40240	PL-150-001-9-005	109	PL3065	712	PN2482	123AP
PC4004	116	PD6007A	135A	PE502	116	PFZ2D10	B40240	PL-150-006-9-001	109	PL3065	712	PN2482	123AP
PC4900-1	128	PD6008	136A	PE504	116	PFZ2D15	B40240	PL-150-040-9-002	177	PL3065	712	PN2482	123AP
PC7327C	9914	PD6008A	136A	PE506	116	PFZ2D25	B40240	PL-151-030-9-001	177	PL3065	712	PN2482	123AP
PC7805H	960	PD6009	137A	PE508	125	PFZ6V8	4902	PL-151-030-9-005	116	PL3065	712	PN2482	123AP
PC-20003	1003	PD6009A	137A	PE510	125	PFZ6V8A	4902	PL-151-032-9-004	177	PL3065	712	PN2482	123AP
PC-20004	1021	PD6010	5014A	PE1003	123AP	PFZ13	4918	PL-151-035-9-001	177	PL3065	712	PN2482	123AP
PC-20005	1027	PD6010A	5071A	PE1004	123AP	PFZ13A	4918	PL-151-040-9-001	177	PL3065	712	PN2482	123AP
PC-20006	1024	PD6011A	138A	PE1007A	123AP	PFZ18	4926	PL-151-040-9-002	177	PL3065	712	PN2482	123AP
PC-20007	1006	PD6012	5016A	PE1007B	123AP	PFZ18A	4926	PL-151-040-9-003	116	PL3065	712	PN2482	123AP
PC-20008	1030	PD6012A	5017A	PE1008A	123AP	PFZ20	4928	PL-151-045-9-001	116	PL3065	712	PN2482	123AP
PC-20012	1030	PD6013	139A	PE1008B	123AP	PFZ20A	4928	PL-151-045-9-002	177	PL3065	712	PN2482	123AP
PC-20015	812	PD6013A	139A	PE1008C	123AP	PFZ27	4934	PL-151-045-9-003	506	PL3065	712	PN2482	123AP
PC-20018	720	PD6014	140A	PE2550	229	PFZ27A	4934	PL-151-045-9-004	116	PL3065	712	PN2482	123AP
PC-20021	722	PD6014A	140A	PE3001	123AP	PFZ51	4950	PL-152-042-9-001	5072A	PL3065	712	PN2482	123AP
PC-20023	1010	PD6015A	5074A	PE3025	233	PFZ51A	4950	PL-152-044-9-001	139A	PL3065	712	PN2482	123AP
PC-20024	722	PD6016	142A	PE8050	128P	PFZ58	4958	PL-152-047-9-001	137A	PL3065	712	PN2482	123AP
PC-20030	722	PD6016A	142A	PE8050B	128P	PFZ68A	4958	PL-152-051-9-001	139A	PL3065	712	PN2482	123AP
PC-20045	801	PD6017A	143A	PE8050	129P	PFZ200A	4988	PL-152-052-9-002	5070A	PL3065	712	PN2482	123AP
PC-20051	1082	PD6018	145A	PE9001	123AP	PFZ200A	4988	PL-152-054-9-001	5072A	PL3065	712	PN2482	123AP
PC-20066	743	PD6018A	145A	PE9002	123AP	PFZ6V8	4903	PL-172-010-9-001	152	PL3065	712	PN2482	123AP
PC-20069	1060	PD6018A	145A	PE9093-59	9093	PFZD18	4927	PL-172-013-9-001	236	PL3065	712	PN2482	123AP
PC-20070	1226	PD6019A	5075A	PE9094-59	9094	PFZD27	4935	PL-172-014-9-001	152	PL3065	712	PN2482	123AP
PC-20071	113	PD6020	5027A	PE9094-59	9094	PFZD68	4959	PL-172-014-9-002	282P	PL3065	712	PN2482	123AP
PC-20087	2060	PD6020A	5027A	PE9095-59	9095	PG107	610	PL-172-024-9-001	186A	PL3065	712	PN2482	123AP
PC-20108	2060	PD6041	5063A	PE9095-59	9095	PG107A	610	PL-172-024-9-002	235	PL3065	712	PN2482	123AP
PC-20110	1465	PD6042	5065A	PE9096-59	9096	PG207	610	PL-172-024-9-003	236	PL3065	712	PN2482	123AP
PC-20143	2060	PD6043	5066A	PE9097-59	9097	PG207A	610	PL-176-025-9-001	199	PL3065	712	PN2482	123AP
PC-20177	1248	PD6044	5067A	PE9098-59	9098	PG307	610	PL-176-026-9-001	107	PL3065	712	PN2482	123AP
PCMB74LS00M	74LS00	PD6045	5067A	PE9099-59	9099	PG307A	610	PL-176-029-9-001	123A	PL3065	712	PN2482	123AP
PCMB74LS02M	74LS02	PD6046	5068A	PE9099-59	9099	PG310	611	PL-176-029-9-002	195A	PL3065	712	PN2482	123AP
PCMB74LS04M	74LS04	PD6047	5069A	PE9099-59	9099	PG310A	611	PL-176-031-9-001	289A	PL3065	712	PN2482	123AP
PCMB74LS05M	74LS05	PD6048	135A	PE9944-59	9944	PG322	613	PL-176-031-9-002	199	PL3065	712	PN2482	123AP
PCMB74LS10M	74LS10	PD6049	136A	PE9945-59	9945	PG322A	613	PL-176-037-9-001	107	PL3065	712	PN2482	123AP
PCMB74LS32M	74LS32	PD6049C	136A	PE9946-59	9946	PG322A	614	PL-176-042-9-001	229	PL3065	712	PN2482	123AP
PCO2P1/2	116	PD6050	137A	PE9947-59	9947	PG333A	614	PL-176-042-9-002	123A	PL3065	712	PN2482	123AP
PD05	166	PD6051	5071A	PE9948-59	9948	PG1992	519	PL-176-042-9-003	199	PL3065	712	PN2482	123AP
PD10	166	PD6052	139A	PE9950-59	9950	PG33024G	128	PL-176-042-9-004	123A	PL3065	712	PN2482	123AP
PD20	167	PD6053	5072A	PE9951-59	9951	GR-24	5802	PL-176-042-9-005	186A	PL3065	712	PN2482	123AP
PD25F-20	5711	PD6054	139A	PE9952-59	9952	PH-221	5329	PL-176-042-9-006	123A	PL3065	712	PN2482	123AP
PD25F-40	5711	PD6055	140A	PE9963-59	9963	PH9D522/1	169	PL-176-047-9-001	289A	PL3065	712	PN2482	123AP
PD25F-60	5711	PD6056	5074A	PEP2	123A	PH9D522M	166	PL-176-049-9-002	123A	PL3065	712	PN2482	123AP
PD25F-80	5711	PD6057	142A	PEP3	123A	PH9D522	166	PL-177-006-9-001	159	PL3065	712	PN2482	123AP
PD40	168	PD6058	143A	PEP4	123A	PH9D522	166	PL-177-006-9-002	290A	PL3065	712	PN2482	123AP
PD40F-20	5711	PD6059	145A	PEP5	123A	PH9D522	166	PL-182-009-9-001	312	PL3065	712	PN2482	123AP
PD40F-40	5711	PD6059	145A	PEP6	123A	PH9D522	166	PL-182-014-9-002(FET)	312	PL3065	712	PN2482	123AP
PD40F-60	5711	PD6060	5075A	PEP7	123A	PH10	5329	PL-307-007-9-002	1102	PL3065	712	PN2482	123AP
PD40F-80	5711	PD6061	5077A	PEP8	123A	PH20	5329	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD55F-20	5711	PD7010	154	PEP9	123A	PH25C22	116	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD55F-40	5711	PD9093-59	9093	PEP1001	108	PH25C22/1	116	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD55F-60	5711	PD9094-59	9094	PEP2001	128	PH25C22	166	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD55F-80	5711	PD9095-59	9095	PET-101-1	108	PH40	5330	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD70F-20	5721	PD9097-59	9097	PET1001	192	PH40-200	5986	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD70F-40	5721	PD9098-59	9098	PET1002	123A	PH40-200R	5987	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD70F-60	5721	PD9099-59	9099	PET1075	108	PH40-600	5985	PL-307-047-9-002	724	PL3065	712	PN2482	123AP
PD70F-80	572												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
PP3310.....	152	PR9076.....	6354	PRMA1A005.....	F1A005	PS637.....	116	PSZ2D10.....	B40240 ♦	PT515(TRANSISTOR).....	105	PT4611.....	76
PP3312.....	152	PR9076R.....	6355	PRMA1A005C.....	F1A005C	PS700.....	117	PSZ2D15.....	B40240 ♦	PT515(RECT).....	116	PT4612.....	76
PP3647.....	181	PR9077.....	6354	PRMA1A005.....	F1A005	PS720.....	177	PSZ2D25.....	B40240 ♦	PT515(Semifron).....	213	PT4617.....	76
PPR1006.....	186	PR9077R.....	6355	PRMA1A005C.....	F1A005C	PS801.....	923D	PT06.....	121	PT520.....	116	PT4620.....	316
PPR1008.....	186	PR9078.....	6354	PRMA1A012.....	F1A012	PS1140.....	125	PT010.....	5688	PT525.....	116	PT4620.....	316
Q027.....	160	PR9078R.....	6355	PRMA1A024.....	F1A024	PS1325.....	137A	PT015.....	5688	PT525(TRIAC).....	5690	PT4622.....	316
Q028.....	158	PR9079.....	6354	PRMA1A12.....	F1A012	PS1511.....	140A	PT025.....	5688	PT530.....	116	PT4622.....	316
Q029.....	158	PR9079R.....	6355	PRMA1A24.....	F1A024	PS1512.....	140A	PT-029.....	186A	PT-530.....	116	PT4628.....	76
Q030.....	160	PR9080.....	6356	PRMA1C05.....	F1C005	PS1513.....	140A	PT030.....	5688	PT530(TRIAC).....	5690	PT4629.....	76
Q31.....	104	PR9080R.....	6357	PRMA1C12.....	F1C012	PS1514.....	140A	PT040.....	5688	PT530A.....	102A	PT4640.....	76
PR515.....	135A	PR9081.....	6356	PRMA1C24.....	F1C024	PS1515.....	140A	PT0139.....	158	PT-530A.....	100	PT4690.....	186
PR605.....	135A	PR9081R.....	6357	PRMA2A005.....	F2A005	PS1516.....	140A	PT0-139.....	102A	PT0-139.....	102A	PT4800.....	123A
PR617.....	142A	PR9082.....	6358	PRMA2A05.....	F2A005	PS1517.....	140A	PT2A.....	160	PT540(TRIAC).....	5690	PT4816.....	107
PR620.....	145A	PR9082R.....	6359	PRMA2A012.....	F2A012	PS2001.....	3042	PT2S.....	160	PT-550.....	116	PT4830.....	107
PR-620.....	145A	PR9083.....	6358	PRMA2A024.....	F2A024	PS2001B.....	3042	PT-3.....	116	PT550.....	116	PT5589.....	347
PR804.....	135A	PR9083R.....	6359	PRMA2A12.....	F2A012	PS2002B.....	3041	PT3.....	116	PT554.....	104	PT5590.....	349
PR5400.....	156	PR9084.....	6358	PRMA2A24.....	F2A024	PS2003.....	3042	PT-3A.....	121	PT-554.....	121	PT5693.....	152
PR5401.....	156	PR9084R.....	6359	PR3017.....	135A	PS2003B.....	3042	PT3A.....	121	PT555.....	121	PT5701.....	473
PR5402.....	156	PR9085.....	6358	PRT101.....	154	PS2007B.....	3087	PT4.....	155	PT-555.....	121	PT5741.....	319
PR5403.....	156	PR9085R.....	6359	PRT-101.....	123A	PS2010.....	3041	PT4-2268-01B.....	519	PT-560.....	116	PT5742.....	317
PR5404.....	156	PR9093.....	6354	PRT-104.....	123A	PS2010K.....	3041	PT4-2268-011.....	519	PT560.....	116	PT6022/1.....	169
PR5405.....	156	PR9093R.....	6355	PRT-104-1.....	123A	PS2010L.....	3041	PT4-2287-01.....	177	PT580.....	125	PT6082.....	351
PR5406.....	156	PR9094.....	6355	PRT-104-2.....	123A	PS2010M.....	3041	PT4-2311-011.....	519	PT600.....	186	PT6084.....	326
PR5407.....	156	PR9094R.....	6355	PRT-104-3.....	123A	PS2021.....	3041 ♦	PT4-7158.....	123A	PT601.....	186	PT6618.....	186
PR9000.....	5846	PR9095.....	6354	PRT-104-4.....	128	PS2207.....	116	PT4-7158-01A.....	123A	PT610.....	5690	PT6669.....	186
PR9000R.....	5847	PR9095R.....	6355	PS005.....	116	PS2208.....	116	PT4-7158-02A.....	123A	PT612.....	128	PT6696.....	328
PR9001.....	5846	PR9096.....	6354	PS020(SCR).....	5514	PS2209.....	116	PT4-7158-012.....	123A	PT615.....	5690	PT6941.....	328
PR9001R.....	5847	PR9096R.....	6355	PS010(Diode).....	116	PS2247.....	116	PT4-7158-013.....	123A	PT625.....	5690	PT6942.....	328
PR9002.....	5849	PR9097.....	6354	PS010(SCR).....	5514	PS2249.....	116	PT4-7158-021.....	123A	PT627.....	123A	PT6954.....	328
PR9002R.....	5849	PR9097R.....	6355	PS015.....	116	PS2346.....	156	PT4-7158-022.....	123A	PT630.....	5690	PT6995.....	328
PR9003.....	5848	PR9098.....	6356	PS020(Diode).....	116	PS2347.....	156	PT4-7158-023.....	123A	PT640.....	5690	PT6996.....	327
PR9003R.....	5849	PR9098R.....	6357	PS020(SCR).....	5514	PS2411.....	116	PT5.....	121	PT665.....	152	PT7903.....	328
PR9004.....	5866	PR9099.....	6356	PS025.....	116	PS2412.....	116	PT-5B.....	116	PT703.....	123A	PT7904.....	328
PR9004R.....	5867	PR9099R.....	6357	PS-025.....	116	PS2413.....	116	PT5B.....	116	PT705.....	713	PT7905.....	328
PR9005.....	5866	PR9100.....	6358	PS030(SCR).....	5517	PS2415.....	116	PT6.....	121	PT720.....	123A	PT7906.....	328
PR9005R.....	5867	PR9100R.....	6359	PS030(Diode).....	116	PS2416.....	125	PT-6.....	121	PT850.....	128	PT7907.....	328
PR9006.....	5868	PR9101.....	6358	PS-035.....	116	PS2417.....	125	PT6d22-1.....	166	PT850A.....	128	PT7908.....	328
PR9006R.....	5869	PR9101R.....	6359	PS035(Diode).....	116	PS3001.....	3091	PT12.....	121	PT851.....	123A	PT7909.....	327
PR9007.....	5869	PR9102.....	6358	PS035(SCR).....	5517	PS3002.....	3091	PT-12.....	121	PT855.....	160	PT7910.....	327
PR9007R.....	5869	PR9102R.....	6359	PS-040.....	116	PS3534.....	5001A	PT-25.....	121	PT856.....	160	PT8740A.....	472
PR9008.....	5886	PR9103.....	6358	PS040.....	116	PS3534A.....	5001A	PT25.....	121	PT857.....	195A	PT8743.....	364
PR9008R.....	5887	PR9103R.....	6359	PS050.....	116	PS4003.....	3101	PT30.....	121	PT886.....	123A	PT8769.....	350
PR9009.....	5887	PR9115.....	6106	PS060.....	116	PS4008.....	3100	P-T-30.....	121	PT887.....	123A	PT8789.....	350
PR9009R.....	5887	PR9115R.....	6107	PS-060.....	116	PS4559.....	116	PT32.....	121	PT888.....	128	PT8810.....	363
PR9010R.....	5891	PR9116.....	6106	PS-1.....	121	PS4560.....	116	PT-40.....	121	PT896.....	128	PT8811.....	364
PR9011.....	5890	PR9116R.....	6107	PS1.....	121	PS4725.....	116	PT40.....	121	PT897.....	123A	PT8837.....	350
PR9011R.....	5891	PR9117.....	6106	PS18.....	5514	PS5300.....	116	PT50.....	121	PT898.....	123A	PT8838.....	350
PR9012.....	5899	PR9117R.....	6107	PS28.....	5514	PS5301.....	116	PT-50.....	121	PT957.....	195A	PT8839.....	337
PR9012R.....	5899	PR9118.....	6106	PS38.....	5515	PS5302.....	116	PT110.....	5688	PT1544.....	128	PT8851(STUD).....	338 ♦
PR9013.....	5898	PR9118R.....	6107	PS48.....	5515	PS6010-1.....	199	PT115.....	5688	PT1545.....	128	PT8851(FLANGE).....	338 ♦
PR9013R.....	5999	PR9119.....	6106	PS58.....	5516	PS6325.....	150A	PT125.....	5688	PT1558.....	123A	PT8851A.....	338 ♦
PR9014.....	6003	PR9119R.....	6107	PS63A205.....	519	PS6465.....	5002A	PT130.....	5688	PT1559.....	123A	PT8852.....	338 ♦
PR9014R.....	6003	PR9120.....	6106	PS68.....	5516	PS6468.....	135A	PT140.....	5688	PT1610.....	123A	PT8853.....	338 ♦
PR9015.....	6002	PR9120R.....	6107	PS105.....	116	PS8900.....	5065A	PT150.....	121	PT1836.....	123A	PT8854.....	339
PR9015R.....	6003	PR9121.....	6106	PS110(SCR).....	5514	PS8901.....	5066A	PT-150.....	121	PT1836.....	123A	PT8854.....	333
PR9023.....	5998	PR9121R.....	6107	PS110(Diode).....	116	PS8902.....	134A	PT-155.....	121	PT1837.....	123A	PT8854A.....	334
PR9024.....	5999	PR9122.....	6106	PS-120.....	116	PS8903.....	5067A	PT155.....	121	PT1941.....	123A	PT8854A.....	345
PR9025.....	6002	PR9122R.....	6107	PS120(SCR).....	5514	PS8904.....	5068A	PT176.....	121	PT2040A.....	195A	PT8864A.....	345
PR9026.....	6002	PR9123.....	6106	PS120(Diode).....	116	PS8905.....	5069A	PT-176.....	121	PT2523.....	171	PT8865.....	334
PR9034.....	6020	PR9123R.....	6107	PS125.....	116	PS8906.....	5116A	PT201.....	105	PT2524.....	171	PT8866.....	341
PR9034R.....	6021	PR9124.....	6106	PS130(SCR).....	5517	PS8907.....	136A	PT210.....	5688	PT2525.....	171	PT8879F.....	350F
PR9035.....	6026	PR9124R.....	6107	PS130(Diode).....	116	PS8908.....	137A	PT215.....	5688	PT2525A.....	198	PT8747A.....	320F
PR9035R.....	6027	PR9125.....	6106	PS135(Diode).....	116	PS8909.....	5071A	PT225.....	5688	PT2526.....	198	PT8764F.....	345
PR9036.....	6026	PR9125R.....	6107	PS135(SCR).....	5517	PS8910.....	5072A	PT230.....	5688	PT2527.....	186	PT8777.....	341
PR9036R.....	6027	PR9126.....	6106	PS140.....	116	PS8911.....	5072A	PT234.....	121	PT2635.....	152	PT8781.....	359
PR9037.....	6034	PR9126R.....	6107	PS150.....	116	PS8912.....	139A	PT-234.....	121	PT2640.....	186	PT9732.....	357
PR9037R.....	6035	PR9138.....	6106	PS160.....	116	PS8913.....	140A	PT235.....	121	PT2650.....	186	PT9733.....	360
PR9038.....	6034	PR9138R.....	6107	PS210.....	5514	PS8914.....	5074A	PT236.....	121	PT2677C.....	195A	PT9776.....	333
PR9038R.....	6035	PR9139.....	6106	PS220.....	5514	PS8915.....	5074A	PT237.....	121	PT2760.....	123A	PT9776(STUD).....	334
PR9039.....	6040	PR9139R.....	6107	PS230.....	5517	PS8916.....	143A	PT238A.....	104	PT2896.....	123A	PT9776(FLANGE).....	333
PR9039R.....	6041	PR9140.....	6106	PS235.....	5517	PS-8917.....	145A	PT239.....	104	PT3141.....	123A	PT9776A.....	334
PR9040.....	6040	PR9140R.....	6107	PS310.....	5515	PS8917.....	145A	PT-236.....	121	PT3141A.....	123A	PT9780.....	471
PR9040R.....	6041	PR9141.....	6106	PS320.....	5515	PS8918.....	5075A	PT236A.....	121	PT3141B.....	123A	PT9784(FLANGE).....	333
PR9041.....	6042	PR9141R.....	6107	PS330.....	5518	PS8919.....	5076A	PT-236A.....	121	PT3141C.....	195A	PT9784A(STUD).....	334
PR9041R.....	6043	PR9142.....	6106	PS335.....	5518	PS10016B.....	5071A	PT236B.....	121	PT3151A.....	123A	PT9785.....	470
PR9042.....	6042	PR9142R.....	6107	PS405.....	116	PS10017B.....	138A	PT-236B.....	121	PT3151B.....	123A	PT9797.....	335
PR9042R.....	6043	PR9143.....	6106	PS410(SCR).....	5515	PS10018B.....	5072A	PT236C.....	121	PT3151C.....	123A	PT9797A.....	336
PR9043.....	6044	PR9143R.....	6107	PS410(Diode).....	116	PS10019B.....	138A	PT236D.....	5688	PT3161A.....	346	PT9803(FLANGE).....	333
PR9043R.....	6045	PR9144.....	6106	PS415.....	116	PS10020B.....	140A	PT242.....	121	PT3161B.....	346	PT9803(STUD).....	334
PR9044.....	6044	PR9144R.....	6107	PS420(Diode).....	116	PS10021B.....	5074A	PT-242.....	121	PT3161C.....	348	PT9841.....	336
PR9044R.....	6045	PR9145.....	6106	PS420(SCR).....	5515	PS10022B.....	142A	PT250.....	105	PT3161D.....	349	PT9841A(FLANGE).....	335
PR9045.....	6354	PR9145R.....	6107	PS425.....	116	PS10023B.....	143A	PT251.....	121	PT3168A.....	350	PT9841A(STUD).....	336
PR9045R.....	6355	PR9146.....	6106	PS430(Diode).....	116	PS10024B.....	145A	PT252.....	121	PT3195A.....	357 ♦	PT9870P.....	471
PR9046.....	6354	PR9146R.....	6107	PS430(SCR).....	5518	PS10025B.....	5075						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
PTC130	164	PZ22A	5197A	Q2T3725	2321	Q2040D5	56022	Q5053NP	199	Q6006H	5677	Q35242	123A
PTC131	159	PZT18	5194A	Q22-10A	140A	Q2040P	56079	Q5073V	199	Q6006L	5645	Q35259	161
PTC132	161	PZT22	5197A	Q-3	101	Q3004LT	5646	Q5075CLY	124	Q6006T	5645	Q40263	102A
PTC136	123A	PZT27	5200A	Q3/2	116	Q3005LT	5646	Q5075DLY	124	Q6006R5	5637	Q40363	160
PTC151	312	PZT33	5203A	Q3/6515	123A	Q4001L3	5638	Q5075DXY	124	Q6008A	5649	Q50787	233
PTC152	312	PZW	5070A	Q-4	102	Q4001L4	5638	Q5075ELY	124	Q6008H	5677	Q50787Z	233
PTC153	172A	Q-00169	312	Q4	102A	Q4001LT	5638	Q5075EXY	124	Q6008L4	5645	Q51020	234
PTC170	287	Q-00169A	312	Q4/6515	107	Q4001M	5642	Q5075FXY	124	Q6008L5	5645	Q51020	199
PTC173-RT	181	Q-00169B	312	Q4B	116	Q4001M3	5652	Q5075ZMY	124	Q6008LA	5645	Q51327	168
PTC201	580A	Q-00169C	312	Q-5	101	Q4003L3	5638	Q5077	290A	Q6008LT	5646	Q51350Y	159
PTC202	116	Q-00184F	312	Q-6	102A	Q4003L4	5638	Q5077(Sanyo)	290A	Q6008R5	5637	Q200415	121
PTC203	125	Q-00269	123A	Q6	158	Q4004F31	5629	Q5077A(Sanyo)	290A	Q6010T	5649	Q310347	107
PTC204	125	Q-00269A	123A	Q6/2	116	Q4004F41	5629	Q5077E	290A	Q6010H	5677	Q321923	229
PTC205	125	Q-00269B	123A	Q6/6515	107	Q4004L3	5638	Q5077EA	290A	Q6010L4	5645	Q330913	199
PTC206	109	Q-00269C	123A	Q-7	102A	Q4004L4	5645	Q5077F	290A	Q6010L5	5645	Q331025	186A
PTC207	109	Q-00284F	229	Q7	158	Q4004LT	5646	Q5078Z	199	Q6010LT	5646	Q331034	186A
PTC208	118	Q-00284F-3	108	Q7/6515	102A	Q4006A	5649	Q5083Z	162	Q6010T	5606#	Q331814	229
PTC209	119	Q-00369	123A	Q8	158	Q4006H	5675	Q5087Z	159	Q6012R5	5606	Q331814	229
PTC210	502	Q-00369A	123A	Q-8	102A	Q4006L4	5645	Q5100A	124	Q6015A	5649	Q610513	222
PTC211	503	Q-00369B	123A	Q8/2	116	Q4006LT	5646	Q5102	234	Q6015L5	5600B#	QA01-07RE	5071A
PTC212	505	Q-00369C	123A	Q8/6515	102A	Q4006R4	5635	Q5102A	290A	Q6015R5	5600B	QA01-08R	5072A
PTC213	505	Q-00384F	233	Q-9	101	Q4008A	5649	Q5102A(Sanyo)	290A	Q6025P	5678	QA01-08S	5072A
PTC214	135A	Q-00384F-3	108	Q9/6515	126A	Q4008H	5675	Q5102P	234	Q6025D	5678	QA01-11SE	5074A
PTC215	135A	Q-00489	199	Q11/6515	102A	Q4008L4	5645	Q5102Q	234	Q6025G	5690	QA01-25RA	5081A
PTC401	168	Q-00489A	199	Q12/6515	102A	Q4008L4A	5645	Q5102QA	290A	Q6025H	5697	QA01-11SE	5074A
PTC402	169	Q-00469B	199	Q16	5637	Q4008L5	5645	Q5102R	234	Q6025L5	56017#	QA-1	160
PTC404	120	Q-00469C	199	Q-16	102A	Q4008LT	5646	Q5102S	234	Q6025P	5678	QA-11M	5074A
PTC406	178MP	Q-00484R	123A	Q19C	5987	Q4008R4	5635	Q5102Y	234	Q6025R5	56017	QA-8	128
PTC407	178MP	Q-00484R-1	108	Q19D	5989	Q4010A	5649	Q5104Z	124	Q6025Z6	5672	QA-10	128
PTC501	134A	Q-00569	123A	Q19E	5991	Q4010H	5675	Q5111	238	Q6040C	5679	QA-10	128
PTC502	136A	Q-00569A	123A	Q19G	5995	Q4010L4	5645	Q5111K	238	Q6040D	56026	QA-11	129
PTC503	137A	Q-00569B	123A	Q19J	5999	Q4010L5	5645	Q5111ZK	238	Q6040D5	56026	QA1-1	124
PTC504	138A	Q-00569C	199	Q19L	6003	Q4010LT	5646	Q5113ZLM	124	Q6040P	5679	QA-12	123A
PTC505	139A	Q-00584R	103	Q20D	5988	Q4012L5	56020	Q5113ZMM	124	Q6521	288	QA-13	123A
PTC506	140A	Q-00584R-3	238	Q20E	5990	Q4012R5	56006	Q5113ZMY	124	Q6522	288	QA-14	123A
PTC507	142A	Q-00669	123A	Q20G	5994	Q4015A	5649	Q5116C	290A	Q6526Z(Sanyo)	399	QA-15	123A
PTC508	143A	Q-00669A	123A	Q20J	5998	Q4015H	5675	Q5116CA	290A	Q6531	399	QA-16	123A
PTC509	145A	Q-00669B	123A	Q20L	6002	Q4015L5	56020	Q5119	162	Q6531ZM	399	QA-17	129
PTC510	5077A	Q-00669C	123A	Q32	116	Q4015R5	56006	Q5119D	162	Q6536	399	QA-18	312
PTC511	144A	Q-00684R	123A	Q-35	123A	Q4025C	5679	Q5119E	162	Q6541	399	QA-19	123A
PTC512	147A	Q-00769	175	Q-36	159	Q4025D	56024	Q5119F	162	Q6541ZM	399	QA-20	312
PTC513	5090A	Q-00769A	175	Q-36A	159	Q4025G	5689	Q5120	162	Q6543	399	QA-21	159
PTC514	149A	Q-00769B	175	Q49	109	Q4025H	5695	Q5120P	162	Q6543A	399	QA-21A	159
PTC515	150A	Q-00769C	175	Q50	109	Q4025L5	56020	Q5120Q	162	Q6562	290A	QA91	109
PTC516	151A	Q-00784R	289A	Q51	109	Q4025L5R	56020	Q5120R	162	Q6562(Sanyo)	290A	QA105R	5010A
PTC517	5086A	Q-00869	128	Q52	116	Q4025P	5679	Q5121	199	Q6562G	290A	QA105RA	5009A
PTC518	5088A	Q-00869A	128	Q53	116	Q4025R5	56016	Q5121O	199	Q6565	85	QA105S	5010A
PTC601	536A	Q-00869B	128	Q54	116	Q4025Z6	5672	Q5121Q	199	Q6565(Sanyo)	85	QA106S	137A
PTC602	501B	Q-00869C	195A	Q55	116	Q4032BR	4032B	Q5121R	199	Q6567(Sanyo)	89	QA106SBV	5013A
PTC603	500A	Q-00969	128	Q56	116	Q4033BR	4033B	Q5123E	123A	Q6597Z	89	QA107R	5014A
PTC604	358	Q-00969A	128	Q57	116	Q4038BR	4038B	Q5123F	123A	Q6609(Sanyo)	376	QA107RA	5014A
PTC605	358	Q-00969B	128	Q58	116	Q4040C	5679	Q5124	297	Q6609Z(Sanyo)	376	QA107RE	5014A
PTC606	358A	Q-00969C	195A	Q59	116	Q4040D	56024	Q5124Z	175	Q6640Z	52	QA107REV	5071A
PTC608	533	Q-00984R	159	Q60	116	Q4040D5	56024	Q5135	159	Q6649	373	QA107RF	5071A
PTC701	708	Q-0115C	123A	Q62	116	Q4040P	5679	Q5135-0	159	Q6649Z	373	QA107SP	5014A
PTC703	709	Q-0-172	128	Q82	116	Q4041UBR	4041	Q5135-0Y	159	Q6650	374	QA108SH	5016A
PTC703	709	Q-0172	128	Q150A(PRIDE)	317	Q4047BR	4047B	Q5135QY	159	Q6650Z	374	QA110M	5074A
PTC705	717	Q-0415	159	Q200E3	5655	Q4048BR	4048B	Q5135-Y	159	Q6780(Sanyo)	319P	QA111S	5074A
PTC707	703	Q-0-119	159	Q200E4	5655	Q4070BR	4070B	Q5136F	199	Q6780Z(Sanyo)	319P	QA111SEV	5074A
PTC708	705A	Q-01069	195A	Q205(Dynaco)	722	Q4089BR	4089B	Q5137BA	291	Q6783Z	157	QA112R	5021A
PTC709	718	Q-01069A	195A	Q233CV	5036A	Q4436BR	4536B	Q5137CA	291	Q6784	157	QA112R1	5021A
PTC711	719	Q-01069B	195A	Q301	107	Q4502BR	4502B	Q5138	198	Q6785(Sanyo)	89	QA112R2	5021A
PTC713	720	Q-01069C	123A	Q400E3	5656	Q4508BR	4508B	Q5138K	198	Q6793(Sanyo)	382	QA116R	5025A
PTC715	714	Q-0084R	131	Q400E4	5656	Q4528BR	4528B	Q5138L	198	Q6803	399	QA121R2	5030A
PTC715	714	Q-01115C	107	Q514Z	165	Q4531BR	4531B	Q5138M	198	Q6803(Sanyo)	399	QA135R2	5037A
PTC717	721	Q-01169	128	Q2001L3	5638	Q4543BR	4536B	Q5140	165	Q6805	157	QA205GV3	5010A
PTC719	715	Q-01169A	128	Q2001L4	5638	Q4547BR	4547B	Q5140Q	165	Q6805R	157	QA206AB	5011A
PTC721	722	Q-01169B	128	Q2001L5	5646	Q4566BR	4566B	Q5140R	165	Q6829(Sanyo)	2308	QA206G	501371
PTC723	722	Q-01169C	128	Q2001M	5651	Q4568BR	4568B	Q5140XP	165	Q6831(Sanyo)	53	QA206M	5012A
PTC726	712	Q-01184R	195A	Q2001M3	5651	Q4585BR	4585B	Q5140Z	165	Q7219(Sanyo)	778A	QA206MV	5012A
PTC728	790	Q-01289	175	Q2001M4	5651	Q5004L4	5645	Q7240Z-O	165	Q7227(Sanyo)	1538	QA207D	5015A
PTC729	743	Q-01289B	175	Q2001MS2	5642	Q5004LT	5646	Q7240ZP	165	Q7227R	1538	QA207M3	5014A
PTC732	804	Q-01289C	175	Q2001P	5641	Q5006A	5649	Q7240ZQ	165	Q7256	1658	QA208G	5016A
PTC733	791	Q-01284R	195A	Q2003L3	5638	Q5006L4	5677	Q7240ZXR	165	Q7256(Sanyo)	1658	QA208GV3	5016A
PTC735	801	Q-01369C	110A	Q2003L4	5638	Q5006L5	5645	Q5153	199	Q7293	1548	QA209M	5018A
PTC736	736	Q-01384R	237	Q2003LT	5646	Q5006LT	5646	Q7296	198	Q7296	1548	QA210D	501971
PTC737	737B	Q-01485	724	Q2004F31	5629	Q5008A	5649	Q7327A(Sanyo)	4053B	Q7327A	4053B	QA211B	5020A
PTC740	740A	Q-02115C	123A	Q2004F41	5629	Q5008H	5677	Q7350(Sanyo)	74LS86	Q7350	74LS86	QA211N1	5020A
PTC741	738	Q-03115C	123A	Q2004L3	5638	Q5008L4	5645	Q7368(Sanyo)	1746	Q7368	1746	QA212B	5021T1
PTC742	804	Q-04115C	123A	Q2004L4	5645	Q5008L4A	5645	Q7393	4013B	Q7393	4013B	QA213M2	5022A
PTC746H	749	Q-05115C	123A	Q2004LT	5646	Q5008L5	5645	Q7402(Sanyo)	74LS86	Q7402	74LS86	QA220AB	5029A
PTC754	100A	Q-06115C	123A	Q2006A	5649	Q5008LT	5646	Q7406	4052B	Q7406	4052B	QA230B	5035A
PTC780	155	Q-07115C	123A	Q2006H	5673	Q5010A	5649	Q7406(Sanyo)	4052B	Q7406(Sanyo)	4052B	QA230C	5035A
PTC2677C	195A	Q-08115C	199	Q2006L4	5645	Q5010H	5645	Q7448(Sanyo)	4053B	Q7448(Sanyo)	4053B	QA233C	5037A
PTC6060	98	Q-09115C	19										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
QC0234	4071B	QC-004001AA	4011B	QT0100R(Sanyo)	85	QT-C8C546AA	199	R0103CA	5656	R9G00113	6116	R-120	102A
QC0235	4071B	QC-004066AA	4066B	QT-13067ZA	235	QT-C0372XAT	123A	R0103DA	5656	R9G00118	6116	R-120	102A
QC0239	4071B	QC-004069AA	4069B	QT-1312XAE	199	QT-C0710XBEB	123AP	R0106AA	5655	R9G00122	6116	R122C	116
QC0291	1677	QC-00418AA	4518B	QT-1318XDN	297	QT-C0828XDN	199	R0106BA	5655	R9G00213	6116	R123	128
QC0343	4013B	QC-0PLLO2AN	1167	QT-1846XAN	295	QT-C0829XBN	123A	R0106CA	5656	R9G00218	6116	R123-2	128
QC0380(Sanyo)	1744	QC-0PLLO2AQ	1167	QT-1969XAE	236	QT-C0900XCA	199	R0106DA	5656	R9G00222	6116	R123-3	128
QC-1	358	QC-0PLLO2AO	1167	QT-A073XAA	294	QT-C0945ACA	199	R0130	5882	R9G00413	6116	R123-4	128
QD30	345	QC-061209	158	QT-A0564XHN	234	QT-C0945XAE	312	R0131	5882	R9G00418	6116	R123-5	128
QD-331885XT	116	QC-062110	102A	QTA0638XBN	294	QT-D0313XAC	196	R0132	5882	R9G00422	6116	R-125	101
QD-AM205XE	135A	QC-061689	159	QT-A0683XBN	294	QT-D0313XAG	196	R0134	5882	R9G00613	6116	R125	101
QD-ARD9ECA	139A	QC-061689A	159	QT-A0719XAN	290A	QTD0325XAC	152	R0136	5882	R9G00618	6116	R135	101
QD-C0710XBE	123A	QC-DPLLO2AN	1167	QT-A0719XBN	290A	QT-D0325XAC	152	R0160	5994	R9G00622	6116	R-135	101
QD-CS2689DU	614	QC-QM00555BA	1092	QT-A0719XCN	290A	QT-D0525XDC	152	R0161	5994	R9G00813	6116	R135-1	130
QD-CTT310XQ	613	QC-M00566AA	1052	QT-A0719XHN	290A	QT-D0525XDT	196	R0162	5994	R9G00818	6116	R-136	101
QDCTT310XQ	614	QC-M01026AA	1226	QT-A0733XON	294	QTD0704XAE	377	R0164	5994	R9G00822	6116	R136	101
QD-CTT410KQ	612	QC-M01186AA	1458	QT-A0733XAA	290A	QTK003XAE	312	R0166(HEP)	5952	R9G001800	6116	R137	101
QD-CTT410XQ	612	QC-M07205AT	1155	QT-A0733XBA	294	QT-K0023AAA	312	R0250	5994	R9G0012200	6116	R-137	101
QDCTT410XQ	612	QC-M07205AT	1155	QT-A0733XDA	294	QT-K0023AAS	312	R0251	5994	R9G0021300	6116	R142(Zenith)	177
QD-G1N60PXT	109	QC-M07222BT	1278	QT-A0733XDN	294	QT-K0033XAE	312	R0253	5994	R9G0021800	6116	R143	159
QDGIN60XXT	109	QC-M07295AT	1155	QTA495	159	QT-K0033XBE	312	R0254	5994	R9G0022200	6116	R152	102A
QD-G1N60XXT	109	QOM11225AB	1488	QTA562	159	QTK0033XBE	312	R0255	5994	R9G0041300	6116	R-152	102A
QD-G1S22XXT	109	QOMA1137AB	788	QTA564	234	QT-K0034XAE	459	R0256	5994	R9G0041800	6116	R-154B	116
QD-G1S32XXT	109	QOMA1196AB	1484	QTA673	290A	QT-K0034XBE	459	R0257	5994	R9G0061300	6116	R154B	116
QD-G1S188XZ	109	QOMA1197AB	1214	QTA719	290A	QT-K0120XAS	451	R0600(HEP)	156	R9G0061800	6116	R-155	100
QD-S1S953XA	156	QC-MAN377AN	788	QTA733	294	QTL0045XCB	454	R0602(HEP)	156	R9G0062200	6116	R163	100
QD-SGP25GAG	156	QOMAN612AN	1249	QTA844	129	QTO100R(Sanyo)	85	R0604(HEP)	156	R9G0081300	6116	R164	102A
QD-SGP25GAG	156	QC-MAN612AN	1249	QTA1015XAT	290A	QTW19B	288	R0606	506	R9G0081800	6116	R-164	102A
QD-SGP25GAG	156	QC-MB521AX	1166	QTB471	121	QT-X0033XBE	312	R0700(HEP)	112	R9G0082200	6116	R177	100
QD-SGP25GAG	116	QC-MB5721AX	1166	QTC047XAN	229	QT-Z0719XAN	290A	R0801(HEP)	168	R9G01013	6116	R186	100
QD-SMA150XN	177	QC-MB5711AX	1165	QT-C070KAE	123AP	QV-BD11225A	601	R0803(HEP)	167	R9G01018	6116	R202	101
QD-SN4448XZ	519	QC-MBA511AY	1165	QT-C095AAA	199	QV-BD11246A	601	R0804(HEP)	168	R9G01022	6116	R-202	101
QD-SN4441Z	56	QC-MBA511BX	1165	QT-C0372XAT	123A	QVD1KF114	109	R0805(HEP)	169	R9G01213	6116	R203	101
QDSRA1ZXDX	552	QC-MBA521AX	1166	QT-C0372XAY	123A	QVDM8513ART	601	R0851(HEP)	168	R9G01218	6116	R203	101
QD-S11885XT	116	QC-MB5001AN	1192	QT-C0372XDN	123A	QVEMA26TAN	601	R0852(HEP)	168	R9G0101300	6116	R204B	166
QD-S1155XT	177	QC-MC3001AT	1192	QT-C0460CBB	233	QVM600B	OBS-NLA	R0853(HEP)	167				
QD-S1188XT	116	QC-MC3001DT	192	QT-C0460XBB	233	QX2100	77	R0855(HEP)	168	R9G001800	6116	R210	156
QDSS1555XT	177	QC-MD7205AT	1155	QT-C0710XAE	85	QZ3.6T5	134A	R0856(HEP)	169	R9G0102200	6116	R227	100
QDSS1555XT	177	QC-MD566AA	1052	QT-C0710XBE	85	QZ3.6T10	134A	R0875(HEP)	5322	R9G0121800	6116	R-227	100
QDSS1555XT	177	QC-0PLLO2AO	1167	QT-C0710XCE	123AP	QZ5.1T5	135A	R0876(HEP)	5322	R9G0122200	6116	R242	102A
QDSS1885XT	116	QC-0PLLO2AN	1167	QT-C0710XEE	123AP	QZ5.1T10	135A	R0877(HEP)	5322	R10D1	116	R242	102A
QD-S11885XY	116	QC-0PLLO2AN	1167	QT-C0716XAE	123A	QZ5.6T5	136A	R0878(HEP)	5324	R10DC	116	R-244	100
QD-S11885XY	116	QC-0PLLO2AO	1167	QT-C0735XBT	289A	QZ5.6T10	136A	R0879(HEP)	5326	R12	101	R244	100
QD-S11885XY	116	QC-0PLLO2AO	1167	QT-C0763XAE	107	QZ6.2T5	137A	R01201DF	5819	R-12C	513	R-245	102A
QD-S11885XY	116	QC-0PLLO2AO	1167	QT-C0763XDA	229	QZ6.2T10	137A	R01202DF	5819	R14	124	R245	102A
QDSS3AAMBE	125	QV60526	158	QT-C0784XBT	229	QZ10T5	140A	R01203DF	5821	R15	124	R250	156
QDSS3AAMBE	125	QV60527	103A	QT-C0784XET	229	QZ10T10	140A	R01204DF	5821	R-16	102A	R250F	156
QDSS3AAMBE	125	QV60528	102A	QT-C0828XAN	199	QZ12T5	142A	R01205DF	5823	R16	102A	R255	102A
QDSS3AAMBE	125	QV60529	128	QT-C0828XDN	199	QZ12T10	142A	R01206DF	5823	R24-1003	102A	R256	102A
QDSS3AAMBE	125	QV60537	103A	QT-C0829XAN	123A	QZ14T5	144A	R01207DF	6007	R23-1003	102A	R26-1	197
QDSS3AAMBE	125	QV60538	158	QT-C0829XAN	123A	QZ14T10	144A	R02502DF	6007	R23-1004	102A	R265A	121
QDSS3AAMBE	125	QV60539	102A	QT-C0829XBN	123A	QZ-15T5	145A	R02503DF	6009	R-23-1004	102A	R289	102A
QDSS3AAMBE	125	QV61772	103A	QT-C0829XDN	199	QZ15T5	145A	R02504DF	6009	R-24-1001	102A	R291	102A
QDSS3AAMBE	125	QV61772	103A	QT-C0829XEN	123A	QZ15T10	145A	R02505DF	6011	R-24-1002	102A	R291	102A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XBA	123A	QZ15T10	145A	R02506DF	6011	R-24-1002	102A	R324	102A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XBE	123A	QZ27T5	146A	R03501DF	6007	R24-1003	102A	R336	126A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XCA	123A	QZ27T10	146A	R03502DF	6007	R24-1004	102A	R337	126A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XDA	123A	QZ27T10A	146A	R03503DF	6009	R24-1004	102A	R337	126A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEA	199	QZ27T10A	146A	R03504DF	6009	R33	101	R336	160
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEB	199	QZ27T10A	146A	R03505DF	6011	R33	103A	R339	160
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEC	199	QZ27T10A	146A	R03506DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XED	199	QZ27T10A	146A	R03507DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEE	199	QZ27T10A	146A	R03508DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEF	199	QZ27T10A	146A	R03509DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEG	199	QZ27T10A	146A	R03510DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEH	199	QZ27T10A	146A	R03511DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEI	199	QZ27T10A	146A	R03512DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEJ	199	QZ27T10A	146A	R03513DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEK	199	QZ27T10A	146A	R03514DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEL	199	QZ27T10A	146A	R03515DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEM	199	QZ27T10A	146A	R03516DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEN	199	QZ27T10A	146A	R03517DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEO	199	QZ27T10A	146A	R03518DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEP	199	QZ27T10A	146A	R03519DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEQ	199	QZ27T10A	146A	R03520DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XER	199	QZ27T10A	146A	R03521DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XES	199	QZ27T10A	146A	R03522DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XET	199	QZ27T10A	146A	R03523DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEU	199	QZ27T10A	146A	R03524DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEV	199	QZ27T10A	146A	R03525DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEW	199	QZ27T10A	146A	R03526DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEX	199	QZ27T10A	146A	R03527DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEX	199	QZ27T10A	146A	R03528DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEX	199	QZ27T10A	146A	R03529DF	6011	R34	103A	R340	123A
QDSS3AAMBE	125	QV61772	103A	QT-C0839XEX	199								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
R712M	6200	R2050	5925	R3235	5991	R3750	6077	R6502P	6502	R8554	123A	R30450	5993
R712X	6206	R2060	5925	R3240	5991	R3760	6077	R6507C	6507	R8555	123A	R30460	5995
R712XM	6206	R2070	5929	R3245	5995	R3770	6079	R6507P	6507	R8556	123A	R31100	6003
R712XPT	6246	R2080	5929	R3250	5995	R3780	6079	R6532	6532	R8557	123A	R32100	6003
R714	126A	R2090	5933	R3260	5995	R3790	6079	R6532C	6532	R8559	123A	R34100	6045
R714(Rect)	6202	R2096	175	R3270	5999	R4057	123A	R6532N	6532	R8560	120	R36100	6073
R714M	6202	R2105	5913	R3273-P1	123A	R4192	124	R6532P	6532	R8620	123A	R37100	6079
R714X	6208	R2110	5917	R3273-P2	123A	R4193	124	R6553	102A	R8645	156	R37110	6079
R714XM	6208	R2115	5917	R3275	102A	R4194	124	R6922	102A	R8646	123A	R37120	6079
R714XPT	6246	R2120	5917	R3276	102A	R4195	124	R-7026	177	R8647	123A	R42100	6159
R715	126A	R2125	5921	R3277	160	R4196	124	R-7027	177	R8648	123A	R42110	6163
R716	6204	R2130	5929	R3278	160	R4205	6155	R7028	109	R8649	128(2)	R42120	6163
R716M	6204	R2135	5921	R3279	160	R4210	6155	R7029	109	R8658	123A	R42130	6163
R716X	6210	R2140	5921	R3280	5999	R4215	6155	R7030	138A	R8659	121	R42140	6163
R716XM	6210	R2145	5925	R3280(RCA)	102A	R4220	6155	R7048	102A	R8685	160	R43100	6159
R855-2	116	R2150	5925	R3282	102A	R4225	6155	R-7051	109	R8686	160	R43110	6163
R868	102A	R2159	116	R3283	123A	R4230	6155	R-7092	177	R8687	102A	R43120	6163
R895(Zenith)	123AP	R2160	5925	R3284	102A	R4235	6155	R-7093	137A	R8688	102A	R43130	6163
R1000	156	R2164	109	R3285	116	R4240	6155	R-7094	138A	R8692	160	R43140	6163
R1001(HEP)	5400	R2170	5929	R3286	102A	R4245	6157	R-7096	117A	R8693	160	R50305	6355
R1002(HEP)	5401	R2180	5929	R3287	160	R4250	6157	R-7097	5019A	R8694	160	R50310	6355
R1003(HEP)	5402	R2190	5933	R3288	160	R4260	6157	R-7103	142A	R8695	102A	R50315	6355
R1004(HEP)	5404	R2252	116	R3290	6003	R4270	6159	R-7105	5074A	R8697	102A	R50320	6355
R1005(HEP)	5405	R2270-60106	128	R3293	103A	R4280	6159	R7124	102A	R8703	160	R50325	6355
R1019(Zenith)	159	R2270-75116	181	R3293(GE)	123A	R4290	6159	R7127	102A	R8704	160	R50330	6355
R1035	116	R2270-75497	130	R3299	102A	R4295-1	757	R7162	116	R8705	160	R50335	6355
R1106	109	R2270-76963	129	R3301	102A	R4295-1(RCA)	757	R7163	123A	R8706	102A	R50340	6355
R1107	109	R2270-77873D	128	R3309	160	R4295-2	757	R7164	102A	R8707	102A	R50345	6357
R1108	109	R2270-78399	119A	R3314	119A	R4295-2(RCA)	OBS-NLA	R7165	123A	R8721	117A	R50350	6357
R1117-1	124	R2334	109	R3405	6021	R4305	6155	R7166	102A	R8881	160	R50360	6357
R1202(HEP)	5515	R2350	102A	R3410	6027	R4310	6155	R7167	104	R8882	160	R50370	6359
R1205(HEP)	5515	R2351	102A	R3410-P1	519	R4315	6155	R7248	116	R8883	102A	R50380	6359
R1218(HEP)	5414	R2352	102A	R3415	6027	R4320	6155	R7249	123A	R8884	102A	R50390	6359
R1220	5442	R2353	102A	R3420	6027	R4325	6155	R7253	121	R8885	102A	R50405	6355
R1221	5444	R2355	102A	R3425	6035	R4330	6155	R7271	116	R8886	102A	R50410	6355
R1222	5446	R2356	103A	R3430	6035	R4335	6155	R7343	123A	R8887	109	R50415	6355
R1223	5448	R2359	103A	R3435	6035	R4340	6155	R7359	123A	R8889	123A	R50420	6355
R1241	5529	R2360	103A	R3440	6035	R4345	6157	R7360	123A	R8900	123A(2)	R50425	6355
R1242	5529	R2364	103A	R3445	6041	R4348	102A	R7361	123A	R8914	123A	R50430	6355
R1243	5529	R2365	103A	R3450	6041	R4349	102A	R7362	103A	R8915	128	R50435	6355
R1243(Motorola)	5483	R2366	102A	R3460	6041	R4350	6157	R7363	102A	R8916	123A	R50440	6355
R1244	5529	R2367	102A	R3470	6043	R4360	6157	R7489	102A	R8963	123A	R50445	6357
R1245	5529	R2373	103A	R3480	6043	R4369	130	R7490	102A	R8964	123A	R50450	6357
R1246	5529	R2374	103A	R3490	6045	R4370	6159	R7491	102A	R8965	123A	R50460	6357
R1247	5529	R2375	103A	R3502	704	R4380	6159	R7582	123A	R8966	123A	R50470	6359
R1273	102A	R2432-1	710	R3502(RCA)	704	R4390	6159	R7612	102A	R8967	159	R50480	6359
R1274	102A	R2434-1	706	R3502-1	704	R4409	113A	R7613	128	R8967A	159	R50490	6359
R1300	5529	R2435-1(RCA)	710	R3502-2	704	R4437-1	787	R7615	156	R8968	123A	R53100	6359
R1301	5529	R2442	116	R3503	124	R4437-2(RCA)	787	R7620	104	R8969	159	R53110	6363
R1302	5529	R2444	124	R3508	128	R4437-2	787	R7682	116	R8969A	159	R53120	6363
R1303	5529	R2445-1(RCA)	711	R3512-1	121	R4437-2(RCA)	787	R7743	109	R8970	109	R53130	6363
R1304(HEP)	5504	R2446-1	121	R3514-1	127	R4438-1	788	R7885	160	R8971	102A	R53140	6363
R1305	5529	R2447	104	R3515	127	R4438-1(RCA)	788	R7886	160	R8989	124	R62194	108
R1306	5529	R2460-1	117A	R3515(RCA)	121	R4438-2	788	R7887	123A	R9001(HEP)	178MP	R105064	118
R1307	5529	R2460-3	127	R3520-1	124	R4438-2(RCA)	788	R7888	102A	R9002(HEP)	178MP	R105330	358
R1329	116	R-2460-3	127	R3528-1	785	R4439-1	789	R7889	102A	R9003(HEP)	178MP	R106379	116
R-1349	142A	R-2460-4	11A	R3528-1(RCA)	785	R4439-1(RCA)	789	R7890	105	R9004	123A	R106379	116
R1471	5547	R2460-9	127	R3530-1	108	R4439-2	789	R7891	109	R9005	123A	R109328	113A
R1472(HEP)	5542	R2460-9(RCA)	127	R3533	113A	R4439-2(RCA)	789	R7892	109	R9006	123A	R109474	113A
R1473	5547	R2473	108	R-3552-1	128	R4466	113A	R7893	109	R9025	123A	R113321	116
R1475	5547	R2474-2	154	R-3553-1	128	R5048	128	R7894	142A	R9071	123A	R-113321	116
R1530	103A	R2477	108	R3555-3	128	R5050	103A	R7953	103A	R9134(HEP)	109	R-113392	116
R1531	103A	R2482-1	102A	R3555-3	103A	R5051	116	R7954	116	R9135(HEP)	109	R-113392	116
R1532	103A	R2494-1	127	R3573-1	233	R5052	102A	R7962	160	R9135	5079A	R503100	6359
R1533	101	R2494-1	127	R3576-1	102A	R5053	102A	R8022	177	R9382	171	R503110	6363
R-1533	101	R2500(HEP)	610	R3578-1	230	R5054	103A	R8023	177	R9383	171	R503120	6363
R1534	103A	R2500-1	611	R3580-1	230	R5055	102A	R8024	116	R9384	123A	R504100	6359
R1537	103A	R2501(HEP)	611	R3583-7	230	R5056	102A	R8025	116	R9385	123A	R504110	6363
R1538	103A	R2503(HEP)	614	R3583-8	230	R5096	109	R8061	109	R9470	116	R504120	6363
R1539	160	R2516-1	712	R3585-5	230	R5097	102A	R8066	123A	R9483	123A	R600428F	6355
R1540	102A	R2516-1(RCA)	712	R3585-6	231	R5098	102A	R8067	123A	R9531	160	R3020506	5822
R1541	102A	R2559-1	728	R3589-7	230	R5099	102A	R8068	123A	R9532	160	R3020512	5822
R1542	102A	R2560-1	729	R3589-8	231	R5100	102A	R8069	123A	R9533	158	R3020606	5822
R1543	102A	R2640	6061	R3593	128	R5101	158	R8070	123A	R9534	158	R3020612	5822
R1544	102A	R2675	102A	R3598-2	102A	R5102	160	R8115	123A	R9590	109	R3030506	5823
R1545	103A	R2677	102A	R3605	6021	R5103	160	R8116	123A	R9597	116	R3030512	5823
R1546	102A	R2683	160	R3608	128	R5158-1	797	R8117	123A	R9600	229	R3030606	5823
R1547	103A	R2684	160	R3608-1	128	R5179	123A	R8118	160	R9601	160	R3030612	5823
R1548	102A	R2685	160	R3608-2	128	R5180	103A	R8119	123A	R9602	160	R3030620	6010
R1549	103A	R2686	160	R3610	6055	R5181	102A	R8120	123A	R9603	158	R4020530	6010
R1550	160	R2687	160	R3611-1	152	R5182	158	R8121	102A	R9604	158	R4020620	6010
R1553	103A	R2688	160	R3613-3(RCA)	191	R5223-1AR	302	R8122	124	R10254P936	9936	R4020630	6010
R1554	160	R2689	102A	R3615	6055	R5305	6355	R8219	123A	R10254P945	9945	R4020640	6011
R1555	102A	R2694	160	R3619-3	5641	R5310	6355	R8223	123A	R10254P945B	9945	R4030530	6011
R1667	109	R2695	160	R3620	6055	R5315	6355	R8224	123A	R10254P946	9946	R4030620	6011
R1711	5601	R2696	160	R3625	6061	R5320	6355	R8225	123A	R10255P946B	9946	R4030630	6011
R1712	5602	R2697	160	R3630	6061	R5325	6355	R8240	160	R10256P962	9962	R4040060	6020
R1713	5603	R2749	102A	R3635	6061	R5330	6355	R8241	160	R10256P962B	9962	R4040070	6048
R1715	5605	R2749M	102A	R3640	6061	R5335	6355	R8242	160	R15003	128	R4040160	6026
R1721(HEP)	5622	R2964	127	R3645	6065	R5340	6355	R8243	123A	R15003P1	128	R4040170	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
R4050560	6041	R4110818	5999	R5110818	5925	R61010730	6359	R6110925	6359	R7010803	6107	RA1Z	116
R4050570	6065	R4110825	5999	R5110710WC	6159	R61010930	6359	R7010803UA	6107	RA-1Z	552	RA-1Z	552
R4050680	6041	R4110835	5999	R5110715WA	6159	R61010825	6357	R7010803XXUA	6105	RA1ZC	116	RA-1ZC	116
R4050670	6065	R4110840	5999	R5110810WC	6159	R61010830	6359	R6111020YA	6359	R7010804UA	6107	RA-1ZC	116
R4050770	6073	R4110840	5999	R5110815WA	6159	R61010920	6359	R6111025	6359	R7010804XXUA	6105	RA-2	125
R4050860	6045	R4110860	6043	R5110910WC	6159	R6110925	6359	R6111025YA	6359	R70110805UA	6105	RA2	125
R4050870	6073	R4110918	6003	R5110915WA	6159	R61010930	6359	R6111030	6359	R7010805XXUA	6105	RA-2(Zener)	140A
R4051080	6045	R4110920	6003	R5111010WC	6159	R61011020	6359	R6111030YA	6359	R7011030YA	6105	RA-2(RECT)	5070A
R4051070	6073	R4110925	6003	R5111015WA	6159	R61011025	6359	R6200130	6110	R7011003XXUA	6105	RA-2(Damper)	506
R4100018	5980	R4110935	6003	R6000020	6354	R6001030	6359	R6200140	6110	R7011004UA	6105	RA-2A	125
R4100020	5980	R4110940	6003	R6000025	6354	R6011220XXYA	6363	R6200150	6110	R7011004XXUA	6105	RA2C	125
R4100025	5980	R41101018	6003	R6000120	6354	R6011220YA	6363	R6200230	6110	R7011005UA	6105	RA-2C	125
R4100035	5980	R4111020	6003	R6000124	6354	R6011225XXYA	6363	R6200240	6110	R7011005XXUA	6105	RA-2S	148A
R4100040	5980	R4111022	6003	R6000124R	6355	R6011225YA	6363	R6200250	6110	R7011203UA	6105	RA-2S	149
R4100070	6054	R4111025	6003	R6000125	6354	R6011230XXYA	6363	R6200430	6110	R7011203XXUA	6105	RA132AA	156
R4100118	5982	R4111035	6003	R6000128	6354	R6011230YA	6363	R6200440	6110	R7011230UA	6105	RA132BA	116
R4100120	5982	R4111040	6003	R6000128R	6355	R6011420XXYA	6363	R6200450	6110	R7011204XXUA	6105	RA132DA	156
R4100125	5986	R4111060	6045	R6000130	6354	R6011420YA	6363	R6200630	6110	R7011205UA	6105	RA132MA	156
R4100135	5986	R4111070	6073	R6000220	6354	R6011425XXYA	6363	R6200640	6110	R7011205XXUA	6105	RA132PA	156
R4100140	5986	R41118070	6089	R6000224	6354	R6011425YA	6363	R6200650	6110	R7011403UA	6107	RA132RA	156
R4100170	6054	R4140070	6049	R6000224R	6355	R6011430CTC	6363	R6200830	6112	R7011403UA	6107	RA132VA	156
R4100218	5986	R5000410WC	6154	R6000225	6354	R6011430XXYA	6363	R6200840	6112	R7011403XXUA	6107	RA170PB	6162
R4100220	5986	R5000415WA	6154	R6000228	6354	R6011430YA	6363	R6200850	6112	R7011404UA	6107	RA170PBR	6162
R4100225	5986	R5000510WC	6156	R6000228R	6355	R6100020	6354	R6201030	6112	R7011404UA	6107	RA170PBR	6162
R4100235	5986	R5000515WA	6156	R6000230	6354	R6100025	6354	R6201040	6112	R7011404XXUA	6107	RA180PBR	6162
R4100240	5986	R5000610WC	6156	R6000320	6354	R6100120	6354	R6201050	6112	R7011603	6107	RA1156	1206
R4100318	5988	R5000615WA	6156	R6000324	6354	R6100120YA	6354	R6201230	6112	R7011603UA	6107	RA30231051	F1A005%
R4100320	5988	R5000710WC	6158	R6000324R	6355	R6100125	6354	R6201240	6112	R7011603XXUA	6107	RA30381051	F1A005%
R4100325	5990	R5000715WA	6158	R6000325	6354	R6100125YA	6354	R6201250	6112	R7011604	6107	RA3041051-02	F2A005%
R4100335	5990	R5000810WC	6158	R6000328	6354	R6100130	6354	R7000103UA	6102	R7011604UA	6107	RA3091051-02	F1A005%
R4100340	5990	R5000815WA	6158	R6000328R	6355	R6100130YA	6354	R7000103XXUA	6102	R7011604XXUA	6107	RA30451051	F1A005%
R4100418	5990	R5000910WC	6158	R6000330	6354	R6100220	6354	R7000104UA	6102	R7200106	6113	RA30451121	F1A012%
R4100420	5990	R5000915WA	6158	R6000420	6354	R6100220YA	6354	R7000104XXUA	6102	R7200109	6113	RA30451241	F1A024%
R4100425	5990	R5001010WC	6158	R6000424	6354	R6100225	6354	R7000105UA	6102	R7200112	6113	RA30451051-02	F1A005%
R4100435	5990	R5001015WA	6158	R6000424R	6355	R6100225YA	6354	R7000105XXUA	6102	R7200206	6113	RA30982051	F2A005%
R4100440	5990	R500110WC	6162	R6000425	6354	R6100230	6354	R7000203UA	6102	R7200209	6113	RA30982121	F2A012%
R4100518	5982	R5001110XXWC	6162	R6000428	6354	R6100230YA	6354	R7000204UA	6102	R7200212	6113	RA30982241	F2A024%
R4100520	5982	R5001115WA	6162	R6000430	6354	R6100230YA	6354	R7000204XXUA	6102	R7200406	6113	RA-2	506
R4100525	5994	R5001115XXWA	6162	R6000520	6356	R6100325	6354	R7000205UA	6102	R7200409	6113	RB6-PS-801	923D
R4100535	5994	R5001210WC	6162	R6000524	6356	R6100330	6354	R7000205XXUA	6102	R7200412	6113	RB40	5317
R4100540	5994	R5001210XXWC	6162	R6000524R	6357	R6100420	6354	R7000303UA	6102	R7200606	6113	RB40C	5317
R4100618	5994	R5001215WA	6162	R6000528	6356	R6100420YA	6354	R7000304UA	6102	R7200609	6113	RB-40C	5317
R4100620	5994	R5001215XXWA	6162	R6000528R	6357	R6100425	6354	R7000304XXUA	6102	R7200612	6113	RB100	5304
R4100625	5994	R5001310WC	6162	R6000530	6356	R6100425YA	6354	R7000305UA	6102	R7200615	6113	RB-150	5304
R4100635	5994	R5001310XXWC	6162	R6000530	6356	R6100430	6354	R7000403UA	6102	R7200618	6113	RB-151	5304
R4100640	5994	R5001315WA	6162	R6000620	6356	R6100430YA	6354	R7000403XXUA	6102	R7200812	6115	RB-152	5304
R4100718	5998	R5001315XXWA	6162	R6000624	6356	R6100520	6356	R7000404UA	6102	R7201006	6115	RB-152	5304
R4100720	5998	R5001410WC	6162	R6000624R	6357	R6100525	6356	R7000404XXUA	6102	R7201009	6115	RB-156	5305
R4100725	5998	R5001410XXWC	6162	R6000625	6356	R6100620	6356	R7000405UA	6102	R7201012	6115	RB-156LFB	5305
R4100735	5998	R5001415CTC	6162	R6000628	6356	R6100620YA	6356	R7000405XXUA	6102	R7201209	6115	RB-158	5306
R4100740	5998	R5001415WA	6162	R6000628R	6357	R6100625	6356	R7000405XXUZ	6102	R7201212	6115	RB20	5304
R4100818	5998	R5001415XXWA	6162	R6000630	6356	R6100625YA	6356	R7000603UA	6102	R7201215	6115	RB206	5869
R4100820	5998	R5010410WC	6155	R6000720	6358	R6100630	6356	R7000604UA	6102	R7201218	6113	RB326-9011	3034
R4100822	5998	R5010415WA	6155	R6000724	6358	R6100630YA	6356	R7000604XXUA	6102	R8001206	6113	RB400	5313
R4100825	5998	R5010510WC	6157	R6000724R	6359	R6100630YA	6356	R7000604XXUA	6102	R8001212	6113	RB400	5313
R4100835	5998	R5010515WA	6157	R6000725	6356	R6100720	6358	R7000605CTC	6102	R8200612	6113	RB401	5312
R4100840	5998	R5010610WC	6157	R6000728	6358	R6100725	6358	R7000605UA	6102	R70010205UA	6105	RB402	5314
R4100860	6042	R5010615WA	6157	R6000728R	6359	R6100730	6358	R7000605XXUA	6102	R70010205UA	6105	RB-402U	5313
R4100918	6002	R5010710WC	6159	R6000730	6358	R6100820	6358	R7000803UA	6104	R70010605UA	6105	RB404	5314
R4100920	6002	R5010715WA	6159	R6000820	6358	R6100820YA	6358	R7000803XXUA	6104	R70010604UA	6105	RB406	5315
R4100925	6002	R5010810WC	6159	R6000824	6358	R6100825	6356	R7000804UA	6104	R70010805UA	6105	RB600	5313
R4100935	6002	R5010815WA	6159	R6000824R	6359	R6100825YA	6356	R7000805XXUA	6104	R70010805UA	6105	RB601C	5313
R4100940	6002	R5010910WC	6159	R6000825	6356	R6100830	6358	R7000805XXUA	6104	R70010805UA	6105	RB602	5313
R4101018	6002	R5010915WA	6159	R6000828	6359	R6100830YA	6358	R7000806XXUA	6104	R70010805UA	6105	RB-602U	5313
R4101020	6002	R5011010WC	6159	R6000828R	6359	R6100920	6358	R7001003UA	6104	R62001300	6110	RB604	5314
R4101022	6002	R5011015WA	6159	R6000830	6358	R6100925	6358	R7001003XXUA	6104	R62001400	6110	RB606	5315
R4101025	6002	R5011110WC	6163	R6000830	6358	R6100930	6358	R7001004UA	6104	R62001500	6110	RB800	5306
R4101035	6002	R5011110XXWC	6163	R6000830	6358	R6101020	6358	R7001004XXUA	6104	R62002300	6110	RB1000	5307
R4101040	6002	R5011115XXWA	6163	R6000834R	6359	R6101020YA	6358	R7001005UA	6104	R62002400	6110	RBG1000	3115
R4101060	6044	R5011115XXWA	6163	R6000825	6358	R6101025	6358	R7001005XXUA	6104	R62002500	6110	RB54519L	2079
R4101070	6072	R5011210WC	6163	R6000928	6358	R6101025YA	6358	R7001203UA	6104	R62004300	6110	RB54521L	2078
R4101822	5999	R5011210XXWC	6163	R6000928R	6359	R6101030	6358	R7001203XXUA	6104	R62004400	6110	RB54527L	2077
R4108070	6068	R5011215WA	6163	R6000930	6358	R6101030YA	6358	R7001204UA	6104	R62004500	6110	RB54527L	2077
R4101018	5981	R5011215XXWA	6163	R6001020	6358	R6101020YA	6355	R7001204XXUA	6104	R62006300	6110	RB54528L	2076
R4101020	5981	R5011310WC	6163	R6001024	6358	R6101025	6355	R7001205UA	6104	R62006400	6110	RB54529L	2075
R4101025	5981	R5011310XXWC	6163	R6001024R	6359	R6101025	6355	R7001205XXUA	6104	R62006500	6110	RB54531L	2074
R4101035	5981	R5011315WA	6163	R6001025	6358	R6101025YA	6355	R7001205XXUA	6106	R62008300	6112	RB54533L	2073
R4101040	5981	R5011315XXWA	6163	R6001025R	6359	R6101025YA	6355	R7001403XXUA	6106	R62008400	6112	RB54534L	2072
R4101070	6055	R5011410WC	6163	R6001028R	6359	R6101025YA	6355	R7001404UA	6106	R6200			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
RC74LS37DB	74LS37	RC1458DN	778A	RC48203B	264	RD4AN	5008A	RD6AM	136A	RD8 2EB2	5016A	RD11EB2	5020A
RC74LS37DC	74LS37	RC1458ND	778A	RC48350	246	RD4R3EB	5008A	RD8AN	5011A	RD8 2EB2Z	5016A	RD11EB2	5020A
RC74LS37J	74LS37	RC1488	75188	RC48350A	246	RD4R7	5009A	RD8C	5179AK	RD8 2EB2Z	5016A	RD11EB3	5020A
RC74LS40	74LS40	RC1488D	75188	RC48350B	246	RD4R7EB	5009A	RD8CL	5178AK	RD8 2EB3	5016A	RD11EB3Z	5020A
RC74LS40DB	74LS40	RC1488DB	75188	RC48766B	97	RD4R7EB2	5009A	RD8CM	5178AK	RD-8 2EC	5072A	RD11E-B5	5020A
RC74LS40DC	74LS40	RC1488DC	75188	RC49212A	66	RD4 3E	5008A	RD8CN	5179AK	RD8 2EC	5017A	RD11EB-Y	5020A
RC74LS40J	74LS40	RC1489D	75189	RC49213A	67	RD4 3E-8	5008A	RD8D	5179AK	RD8 2ED	5072A	RD11E	5020A
RC74LS45	74LS45	RC1489DB	75189	RC49213B	67	RD4 3EB	5008A	RD8DL	5178AK	RD8 2EK	5072A	RD11EE	5020A
RC74LS45DB	74LS45	RC1489DC	75189	RC416111	5635	RD4 3E-B1	5008A	RD8DM	5178AK	RD8 2F	5072A	RD11E-L2	5020A
RC74LS45DC	74LS45	RC1700	130	RC43098	126A	RD4 3E-B2	5008A	RD8DN	5179AK	RD8 2FA	5072A	RD11EM	5074A
RC74LS54J	74LS54	RC1700	130	RC434099	126A	RD4 3EC	5069A	RD-6L	137A	RD8 2FB	5072A	RD11E-N2	5020A
RC74LS55	74LS55	RC2270	128	RC434100	126A	RD4 7E	5009A	RD-6M	136A	RD8 2FB2	5072A	RD11F	5074A
RC74LS55DB	74LS55	RC3080	902	RC434101	102A	RD4 7EB	5009A	RD6R2B	137A	RD8 2FB3	5072A	RD11FA	5074A
RC74LS55DC	74LS55	RC3301	992	RC434106	102A	RD4 7EB2	5009A	RD6R2B2	5013A	RD8 2FC	5072A	RD11FB	5074A
RC74LS55J	74LS55	RC3301DB	992	RC435953	102A	RD4 7EB2	5009A	RD6R2E	5013A	RD-8 2HD	5072A	RD11JB	5074A
RC74LS76	74LS76A	RC3302DB	834	RC435954	102A	RD4 7EB3	5009A	RD6R2EB	5013A	RD8 2JB	5016A	RD12	142A
RC74LS76DB	74LS76A	RC3403	987	RC40231	103A	RD4 7EB3Z	5009A	RD6R2EB1	5013A	RD9	139A	RD12B	5021A
RC74LS76DC	74LS76A	RC3403DB	987	RC40245	161	RD4 7EC	5009A	RD6R2EFA-1	5013A	RD9A	139A	RD12B1	5021A
RC74LS76J	74LS76A	RC4136	997	RC40246	161	RD4 7E-N1	5009A	RD6R2JB2	5013A	RD-9A	139A	RD12E	5021A
RC74LS90	74LS90	RC4136DB	997	RC40250	152	RD5 1E	135A	RD6R2EB	5014A	RD9A(10)	139A	RD12E(3)	5021A
RC74LS90DB	74LS90	RC4136DB	997	RC40395	102A	RD5 6C	136A	RD8 2EB	5013A	RD8 2EB	5074A	RD12EA	5021A
RC74LS90DC	74LS90	RC4136DC	997	RC40396N	103A	RD5 6E	136A	RD8 2E	5013A	RD9AL	5073A	RD12EB	5021A
RC74LS90J	74LS90	RC4136DB	997	RC40396P	102A	RD5 6EC	136A	RD6 2E(FA-1)	5013A	RD9AM	5018A	R-D12EB	5021A
RC74LS112	74LS112A	RC4136DB	997	RC44098	126A	RD-5A	135A	RD6 2E-B	5013A	RD9A-N	139A	RD12EB	5021A
RC74LS112DB	74LS112A	RC4156DB	948	RC456DB	120	RD5AK	135A	RD6 2EB	5013A	RD9AN	5018A	RD12EB(1)	5021A
RC74LS112DC	74LS112A	RC4156DC	948	RCC-7022	116	RD5AL	5009A	RD6 2EB(3)	5023A	RD9B	5073A	RD12EB(3)-T4	5021A
RC74LS112J	74LS112A	RC4195	1941	RCC7225	116(4)	RD5AM	5009A	RD6 2EB(3)-T4	5013A	RD9C	5183AK	RD12EB(3)	5021A
RC74LS125	74LS125A	RC4195DB	1941	RC4195DB	1941	RD5AN	5010A	RD6 2EB1	5013A	RD9CL	5183AK	RD12EB1	5021A
RC74LS125DB	74LS125A	RC4195NB	1941	RC4195NB	1941	RD5B	135A	RD6 2EB1Z	5013A	RD9CM	5184AK	RD12EB-B1	5021A
RC74LS125DC	74LS125A	RC4558	778A	RC4558	778A	RD5C	5177AK	RD6 2EB2	5013A	RD9CN	5185AK	RD12EB1Z	5021A
RC74LS125J	74LS125A	RC4558DB	778A	RC4558DB	778A	RD5CL	5175AK	RD6 2EB3	5013A	RD9D	5183AK	RD12EB-B1Z	5021A
RC74LS132	74LS132	RC4558JG	778A	RC4558JG	778A	RD5CM	5176AK	RD6 2E-B3	5013A	RD9DL	5183AK	RD12EB-B2	5021A
RC74LS132DB	74LS132	RC4558NB	778A	RC4558NB	778A	RD5CN	5176AK	RD6 2EB3	5013A	RD9DM	5184AK	RD12EB-B3	5021A
RC74LS132DC	74LS132	RC4558P	778A	RC4558P	778A	RD5D	5177AK	RD6 2EB23	5013A	RD9DN	5185AK	RD12EBD	5021A
RC74LS132J	74LS132	RC7805	960	RC7805	960	RD5DL	5175AK	RD6 2EBT	5013A	RD9E	5018A	RD12EBH	5021A
RC74LS139	74LS139	RC7806	962	RC7806	962	RD5DM	5176AK	RD6 2EC	5013A	RD-9E	140A	RD12EBM	5021A
RC74LS139DB	74LS139	RC7812	966	RC7812	966	RD5DN	5176AK	RD6 2EFA-1	5013A	RD9EB	139A	RD12EB-T4	5021A
RC74LS139DC	74LS139	RC7815	968	RC7815	968	RD5E	5011A	RD6 2E-L2	5013A	RD-9L	139A	RD12EC	5021A
RC74LS139J	74LS139	RC7824	972	RC7824	972	RD5E-C	5011A	RD6 2E-N1	5013A	RD9 1	139A	RD12EC-L1	5021A
RC74LS155	74LS155	RC9308B	8308	RC9308B	8308	RD5R1EB	5010A	RD6 2EN2	5013A	RD9 1E	139A	RD12E-N3	5021A
RC74LS155DB	74LS155	RC1A001	128	RC1A001	128	RD5R1EB2	5010A	RD6 2ER	5013A	RD9 1E	5018A	RD12E-T2	5021A
RC74LS155DC	74LS155	RC1A002	129	RC1A002	129	RD5R1EBB1	5010A	RD6 2EZ7S	5013A	RD9 1EA	139A	RD12F	142A
RC74LS155J	74LS155	RC1A003	2825	RC1A003	2825	RD5R1JB1	5010A	RD6 2F	137A	RD9 1EB	139A	RD12FA	142A
RC74LS160	74LS160A	RC1A005	129	RC1A005	129	RD5R1JB3	5010A	RD6 2FA	137A	RD9 1EB	5018A	RD12FB	142A
RC74LS160DB	74LS160A	RC1A006	128	RC1A006	128	RD5R1JB3	5010A	RD6 2FB	137A	RD9 1EB	5018A	RD12FB1	142A
RC74LS160DC	74LS160A	RC1A007	128	RC1A007	128	RD5R6EB	5011A	RD6 2FB1	137A	RD9 1EB1	5018A	RD12FB2	142A
RC74LS160J	74LS160A	RC1A008	129	RC1A008	129	RD5R6EC	5011A	RD6 2FB2	137A	RD9 1EB2	5018A	RD12FB3	142A
RC74LS162	74LS162A	RC1A009	396	RC1A009	396	RD5R6JB	5011A	RD6 2FB3	137A	RD9 1EB3	5018A	RD12FBT	142A
RC74LS162DB	74LS162A	RC1A010	397	RC1A010	397	RD5R6JB2	5011A	RD6 2JB	5013A	RD9 1EB3Z	5018A	RD13	143A
RC74LS162DC	74LS162A	RC1A011	396	RC1A011	396	RD5R6JB3	5011A	RD6 2JB2	5013A	RD9 1EBT	5018A	RD13A	143A
RC74LS162J	74LS162A	RC1A015	396	RC1A015	396	RD5 1E	5010A	RD6 2JM	5013A	RD9 1EBT	5018A	RD-13A	143A
RC74LS170	74LS170	RC1A016	397	RC1A016	397	RD5 1EB	5010A	RD6 8A	5071A	RD9 1EC	139A	RD13AK	143A
RC74LS170DB	74LS170	RC1A018	128	RC1A018	128	RD5 1EB	5010A	RD6 8B	5071A	RD9 1EC	139A	RD13AK	143A
RC74LS170DC	74LS170	RC1A019	129	RC1A019	129	RD5 1EB	5010A	RD6 8E-B	5014A	RD9 1EC	139A	RD13AK-P	143A
RC74LS170J	74LS170	RC1A019	129	RC1A019	129	RD5 1EB(2)-T4	5010A	RD6 8EB	5071A	RD9 1ED	139A	RD13AKP	143A
RC74LS190	74LS190	RC1A004	283	RC1A004	283	RD5 1EB(2)	5010A	RD6 8EB	5014A	RD9 1EK	139A	RD13AKP	143A
RC74LS190DB	74LS190	RC1A005	283	RC1A005	283	RD5 1EB1	5010A	RD6 8EB(3)-T4	5014A	RD9 1EN3	5018A	RD-13AL	5072A
RC74LS190DC	74LS190	RC1A006	280	RC1A006	280	RD5 1EB1	5010A	RD6 8EB2	5014A	RD9 1E-N3	5018A	RD13AL	5021A
RC74LS190J	74LS190	RC1A007	245	RC1A007	245	RD5 1EB2	5010A	RD6 8EB3	5014A	RD9 1F	139A	RD13AM	5022A
RC74LS192	74LS192	RC1A008	246	RC1A008	246	RD5 1EB2	5010A	RD6 8EC	5014A	RD9 1FA	139A	RD13A-N	143A
RC74LS192DB	74LS192	RC1A009	283	RC1A009	283	RD5 1EB2	5010A	RD6 8EM	5014A	RD9 1FB	139A	RD-13AN	5022A
RC74LS192DC	74LS192	RC1A003	291	RC1A003	291	RD5 1EB3	5010A	RD6 8EN1	5014A	RD9 1FB	139A	RD13AN	143A
RC74LS192J	74LS192	RC1A004	291	RC1A004	291	RD5 1EB3	5010A	RD6 8EN2	5014A	RD9 1FB-B3	139A	RD13AN-P	143A
RC74LS258	74LS258	RC1A005	196	RC1A005	196	RD5 1EB3	5010A	RD6 8EN3	5014A	RD9 1FC	5018A	RD13B	143A
RC74LS258DB	74LS258	RC1A006	197	RC1A006	197	RD5 1EC	135A	RD6 8EV3-Y	5014A	RD9 1FK-3	139A	RD13B-Z	143A
RC74LS258DC	74LS258	RC1A010	196	RC1A010	196	RD5 1EC	5010A	RD-6 8F	5071A	RD9 1JB	5018A	RD13C	5128A
RC74LS258J	74LS258	RC1A012	197	RC1A012	197	RD5 1EL1	5010T1	RD6 8F	5071A	RD9 1Z	139A	RD13CL	5188AK
RC74LS279	74LS279	RC1A012	197	RC1A012	197	RD5 1EN1	5010A	RD6 8FA	5071A	RD9 1Z(1)	139A	RD13CM	5189AK
RC74LS279DB	74LS279	RC1A013	196	RC1A013	196	RD5 1EN2	5010A	RD6 8F	5071A	RD9 3	139A	RD13CN	5189AK
RC74LS279DC	74LS279	RC1A014	196	RC1A014	196	RD5 1EN2	5010A	RD-7A	138A	RD10	140A	RD13D	5128A
RC74LS279J	74LS279	RC29	152	RC29	152	RD5 1EN3	5010A	RD7A	5014A	RD10E	5019A	RD13DL	5188AK
RC74LS366	74LS366A	RC29A	152	RC29A	152	RD5 1EB	5011A	RD7AM	5014A	RD10EA	140A	RD13DM	5189AK
RC74LS366DB	74LS366A	RC29A/SDH	152	RC29A/SDH	152	RD5 1EB	5011A	RD7AN	5014A	RD10EB	5019A	RD13DN	5189AK
RC74LS366DC	74LS366A	RC29B	291	RC29B	291	RD5 1EB	5011A	RD7AN	5014A	RD10EB	5019A	RD13E	5022A
RC74LS366J	74LS366A	RC29B/SDH	291	RC29B/SDH	291	RD5 1EB	5011A	RD7CM	5181AK	RD10EB	5019A	RD13E	5022A
RC74LS368	74LS368	RC29C	291	RC29C	291	RD5 1EB1	5010A	RD7CM	5181AK	RD10EB(2)	5019A	RD13E-B2Z	5022A
RC74LS368DB	74LS368	RC29C/SDH	291	RC29C/SDH	291	RD5 1JB2	5010A	RD7CN	5182AK	RD10EB1	5019A	RD13E-B2Z	5022A
RC74LS368DC	74LS368	RC29A/SDH	152	RC29A/SDH	152	RD5 1JB2	5010A	RD7CN	5182AK	RD10EB1	5019A	RD13EB	5022A
RC74LS670	74LS670	RC30A	153	RC30A	153	RD5 1EB	5011A	RD7DL	5180AK	RD10EB1	5019A	RD13EB	5022A
RC74LS670DB	74LS670	RC30A	153	RC30A	153	RD5 6E	5011A	RD7DM	5181AK	RD10EB2	140A	RD13EB(1)	5022A
RC74LS670DC	74LS670	RC30B	292	RC30B	292	RD5 6E2	5011A	RD7DN	5182AK	RD10EB3	5019A	RD13EB(2)	5022A
RC74LS670J	74LS670	RC30C	292	RC30C	292	RD5 6EB	5011A	RD7R5EB	5015A	RD10EC	5019A	RD13EB1	5022A
RC100	558	RC106A	5454	RC106A	5454	RD5 6EB	5011A	RD7R5EB	5015A	RD10EK-7	140A	RD13	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
RD15FA.....	145A	RD27FCD.....	146A	RE9.....	107	RE131.....	5086A	RE325-IC.....	1004	RF-32101R.....	116	RG606R.....	6041
RD15FD.....	145A	RD29A.....	5034A	RE9.1E.....	139A	RE132.....	149A	RF326-IC.....	1006	RF32102R.....	119	RG606T.....	6040
RD15FM.....	145A	RD29AL.....	5033A	RE10.....	108	RE133.....	5096A	RF327-IC.....	1052	RF32103-1.....	118	RG606TR.....	6041
RD15JB3.....	5024A	RD29AM.....	5034A	RE11.....	121	RE134.....	5172A	RF328-IC.....	1080	RF32103R.....	118	RG608.....	6042
RD15S.....	145A	RD29AN.....	5035A	RE11MP.....	121	RE135.....	5173A	RF329-IC.....	1103	RF32412-3.....	116(3)	RG608R.....	6043
RD16A.....	5025A	RD29C.....	5201AK	RE12.....	123	RE136.....	5174A	RE330-IC.....	1142	RF32426-7.....	178MP	RG608T.....	6042
RD16AL.....	5025A	RD29CL.....	5200AK	RE13.....	123A	RE137.....	5175A	RE331-IC.....	748A	RF32645.....	116	RG608TR.....	6043
RD16AM.....	5025A	RD29CM.....	5201AK	RE14.....	124	RE138.....	5176A	RE332-IC.....	788	RF32426-7.....	113A	RG610.....	6044
RD16AN.....	5026A	RD29CN.....	5202AK	RE15.....	126	RE140.....	5177A	RE333-IC.....	797	RF33550-1.....	109	RG610R.....	6045
RD16A-N.....	5075A	RD29D.....	5201AK	RE16.....	127A	RE141.....	5178A	RE334-IC.....	801	RF33976.....	116	RG610T.....	6044
RD-16C.....	5076A	RD29DL.....	5200AK	RE17.....	128	RE142.....	5179A	RE335-IC.....	1003	RF34383.....	116	RG610TR.....	6045
RD16C.....	5192AK	RD29DM.....	5201AK	RE18.....	129	RE143.....	5180A	RE336-IC.....	1005	RF34661.....	116	RG1004.....	116
RD16CL.....	5190AK	RD29DN.....	5203AK	RE19.....	130	RE144.....	5181A	RE337-IC.....	1046	RF60034.....	109	RG1127.....	116
RD16CM.....	5191AK	RD30E.....	5035A	RE20.....	131	RE145.....	5182A	RE338-IC.....	1058	RFA70597.....	116	RG130A.....	6206
RD16CN.....	5193AK	RD30EB.....	5035A	RE20MP.....	131	RE146.....	5183A	RE339-IC.....	1081A	RFA70600.....	116	RG130B.....	6206
RD16C-Y.....	5075A	RD30EB2.....	5035A	RE21.....	196	RE147.....	5184A	RE340-M.....	1087	RFC61197.....	116	RG130D.....	6206
RD16D.....	5192AK	RD30EB4.....	5035A	RE22.....	197	RE148.....	5185A	RE340M-IC.....	1087	RFJ6134.....	116	RG130DX.....	6206
RD16DL.....	5190AK	RD30F.....	5084A	RE23.....	154	RE149.....	5186A	RE341-M.....	1082	RFJ30704.....	116	RG130G.....	6206
RD16DM.....	5191AK	RD30FA.....	5084A	RE24.....	157	RE150.....	5187A	RE342-M.....	1092	RFJ-30704.....	116	RG130GX.....	6206
RD16DN.....	5193AK	RD30FB.....	5084A	RE25.....	158	RE152.....	5188A	RE343-IC.....	1096	RFJ-31218.....	116	RG130J.....	6210
RD16E.....	5025A	RD30FB2.....	5084A	RE26.....	159	RE153.....	5189A	RE343-M.....	1100	RFJ31218.....	116	RG130JX.....	6210
RD16EB.....	5025A	RD30FE.....	5036A	RE27.....	160	RE154.....	5190A	RE360-IC.....	1233	RFJ-31362.....	116	RG130X.....	552
RD16EB1.....	5025A	RD30FE.....	5036A	RE28.....	161	RE155.....	5191A	RE504.....	117A	RFJ31362.....	116	RG130Y.....	552
RD16EB2.....	5025A	RD30FE1.....	5036A	RE29.....	162	RE156.....	5192A	RE1001.....	108	RFJ31363.....	116	RG130Z.....	552
RD16EB3.....	5025A	RD30FE-B2.....	5036A	RE30.....	163A	RE157.....	5193A	RE1002.....	108	RFJ-31363.....	116	RG10A.....	552
RD16EC.....	5076A	RD30FE-B2.....	5036A	RE31.....	164	RE158.....	5194A	RE2001.....	161	RFJ33292.....	116	RG10B.....	552
RD16E-M.....	5075A	RD30FE3.....	5036A	RE32.....	165	RE159.....	5195A	RE2002.....	161	RFJ-33292.....	116	RG10D.....	552
RD16E-N.....	5075A	RD30FE4.....	5036A	RE33.....	172A	RE160.....	5196A	RE3001.....	107	RFJ80286.....	116	RG10G.....	552
RD16E-N2.....	5025A	RD30FE5.....	5036A	RE34.....	175	RE161.....	5197A	RE3002.....	107	RFJ80313.....	113A	RG10J.....	552
RD16E-N3.....	5025A	RD30FE5.....	5036A	RE35.....	176	RE162.....	5198A	RE3789.....	77	RFJ-60386.....	116	RG10J.....	552
RD16F.....	5075A	RD33F.....	147A	RE36.....	179	RE163.....	5199A	RE4001.....	199	RFJ60366.....	116	RG10J 623.....	552
RD16FA.....	5075A	RD33FA.....	147A	RE37.....	181	RE164.....	5202A	RE4002.....	199	RFJ60614.....	116	RG10JG23.....	552
RD16FB.....	5075A	RD33FB.....	147A	RE39.....	183	RE165.....	5205A	RE4010.....	199	RFJ60869.....	116	RG10M.....	552
RD16FB1.....	5075A	RD33FB1.....	147A	RE40.....	184	RE166.....	5210A	RE5001.....	161	RFJ70147.....	580A	RG10S.....	580
RD16H.....	145A	RD-35A.....	147A	RE41.....	185	RE167.....	118	RE5002.....	161	RFJ70148.....	113A	RG15G.....	580
RD-16H.....	145A	RD35AE.....	5037A	RE42.....	186	RE168.....	5454	RECT-SI-154.....	552	RFJ70149.....	506	RG15J.....	580
RD-16HA.....	145A	RD35AL.....	5036A	RE43.....	187	RE169.....	5482	RECT-SI-1001.....	116	RFJ70431.....	113A	RG20GL.....	125
RD16JB1.....	5025A	RD35AM.....	5037A	RE45.....	312	RE170.....	5542	RECT-SI-1002.....	552	RFJ70432.....	116	RG20A.....	581
RD16JB2.....	5025A	RD35CL.....	5204AK	RE46.....	312	RE171.....	5455	RECT-SI-1003.....	552	RFJ70437.....	116	RG20B.....	581
RD-16-N.....	5076A	RD35CL.....	5203AK	RE47.....	109	RE172.....	5483	RECT-SI-1039.....	116	RFJ70643.....	115	RG20D.....	581
RD-18E.....	5078A	RD35CM.....	5204AK	RE48.....	112	RE173.....	5543	RECT-SI-1044.....	116	RFJ70703.....	116	RG20DR.....	581
RD18E.....	5027A	RD35CN.....	5205AK	RE49.....	116	RE174.....	5457	RECT-SI-154.....	552	RFJ70931.....	116	RG20G.....	581
RD18EB.....	5027A	RD35D.....	5204AK	RE50.....	117A	RE175.....	5485	RECT-SI-155.....	552	RFJ70970.....	116	RG20H.....	581
RD18E-B.....	5027A	RD35DL.....	5203AK	RE51.....	125	RE176.....	5455	RECT-SI-156.....	116	RFJ70971.....	506	RG20I.....	581
RD18E-B1.....	5027A	RD35DM.....	5204AK	RE52.....	177	RE177.....	5487	RECT-SI-175.....	5013A	RFJ70974.....	116	RG20J.....	581
RD18E-B3.....	5027A	RD35DN.....	5205AK	RE53.....	106	RE178.....	5547	RECT-SI-176.....	506	RFJ70976.....	506	RG20K.....	581
RD-18EC.....	5078A	RD36E.....	5037A	RE54.....	156	RE179.....	5640	RECT-SI-1001.....	116	RFJ70977.....	116	RG20L.....	581
RD18F.....	5077A	RD36E-B.....	5037A	RE55.....	323	RE180.....	5667A	RECT-SI-1002.....	552	RFJ70978.....	116	RG20M.....	581
RD18FA.....	5077A	RD36E.....	5037A	RE56.....	323	RE181.....	5682	RECT-SI-1003.....	552	RFJ71123.....	116	RG20N.....	581
RD18FB.....	5077A	RD36E-B1.....	5037A	RE59.....	324	RE182.....	5641	RECT-SI-1019.....	525	RFJ71480.....	139A	RG20O.....	581
RD18FB2.....	5077A	RD36EB-2.....	5037A	RE60.....	287	RE183.....	5667A	RECT-SI-1020.....	558	RFJ72360.....	116	RH-1.....	552
RD18FB3.....	5077A	RD36EB3.....	5037A	RE61.....	281	RE184.....	5683	RECT-SI-1021.....	552	RFJ72787.....	116	RH-1A.....	552
RD19A.....	5028A	RD36EB3V.....	5037A	RE62.....	234	RE185.....	5642	RECT-SI-1023.....	116	RFJ71122.....	116	RH-1B.....	552
RD-19A.....	5079A	RD36EB-TA11R.....	5037A	RE63.....	290A	RE186.....	567A	RECT-SI-1012.....	116	RFJZ0432.....	116	RH-1C.....	552
RD19AL.....	5028A	RD36EV3.....	5037A	RE64.....	199	RE187.....	5685	RECT-UG-1002.....	5305	RFJ-30596.....	116	RH-1D.....	552
RD-19AM.....	5079A	RD36F.....	5085A	RE66.....	194	RE188.....	5643	RECT-UG-1004.....	5304	RFL30596.....	116	RH-1E.....	552
RD19AM.....	5028A	RD36FA.....	5085A	RE67.....	199	RE189.....	5667A	RECT-SI-1048.....	113A	RFJ70148.....	113A	RH-1F.....	552
RD19C.....	5195AK	RD36FB.....	5085A	RE68.....	216	RE190.....	5640	RECT-SI-1049.....	2392	RFJ70149.....	2392	RH-1G.....	552
RD19CL.....	5194AK	RD36FB.....	5085A	RE69.....	180	RE191.....	198	RECT-SI-1050.....	116	RFJ70150.....	116	RH-1H.....	552
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RD19DM.....	5196AK	RD39FB.....	5086A	RE75.....	189	RE195.....	192	RECT-SI-1054.....	116	RFJ71482.....	116	RH-1L.....	552
RD-20E.....	5079A	RD43EA.....	5040A	RE76.....	189	RE196.....	193	RECT-SI-1055.....	178MP	RFJ71483.....	178MP	RH-1M.....	552
RD20E.....	5079A	RD47EA.....	5040A	RE77.....	191	RE197.....	237	RECT-SI-1056.....	116	RFJ71484.....	116	RH-1N.....	552
RD20EB.....	5029A	RD47EB2.....	5088A	RE78.....	194	RE198.....	222	RECT-SI-1057.....	503	RFJ71485.....	503	RH-1O.....	552
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RD20F.....	5079A	RD51EB.....	5041A	RE80.....	210	RE201.....	236	RECT-SI-1060.....	503	RFJ71488.....	503	RH-1R.....	552
RD20FA.....	5079A	RD51JB.....	5041A	RE81.....	211	RE202.....	236	RECT-SI-1061.....	503	RFJ71489.....	503	RH-1S.....	552
RD20FB.....	5079A	RD56B.....	136A	RE82.....	219	RE203.....	235	RECT-SI-1062.....	503	RFJ71490.....	503	RH-1T.....	552
RD22.....	5080A	RD56EB.....	5042A	RE83.....	226	RE204.....	302	RECT-SI-1063.....	503	RFJ71491.....	503	RH-1U.....	552
RD22E.....	5080A	RD56E-B2Z.....	5042A	RE84.....	226	RE205.....	198	RECT-SI-1064.....	503	RFJ71492.....	503	RH-1V.....	552
RD22EB.....	5030A	RD56E-BZ7S.....	5042A	RE85.....	326	RE206.....	282S	RECT-SI-1065.....	503	RFJ71493.....	503	RH-1W.....	552
RD22EB1.....	5030A	RD62EA.....	5044A	RE86.....	110MP	RE207.....	287	RECT-SI-1066.....	503	RFJ71494.....	503	RH-1X.....	552
RD22F.....	5080A	RD62EB.....	5044A	RE87.....	113A	RE208.....	288	RECT-SI-1067.....	503	RFJ71495.....	503	RH-1Y.....	552
RD22FA.....	5080A	RD68EA.....	5045A	RE88.....	114	RE209.....	295	RECT-SI-1068.....	503	RFJ71496.....	503	RH-1Z.....	552
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RD22FC.....	5080A	RD68EC.....	5045A	RE90.....	125	RE211.....	298	RECT-SI-1070.....	503	RFJ71498.....	503	RD-1A.....	552
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RD24AL.....	5081A	RD82EA.....	5047A	RE93.....	173BP	RE214.....	500A	RECT-SI-1073.....	503	RFJ71501.....	503	RD-1D.....	552
RD24AM.....	5081A	RD82EB.....	5047A	RE94.....	519	RE215.....	5233306	RECT-SI-1074.....	503	RFJ71502.....	503	RD-1E.....	552
RD24AN.....	5081A	RD-91.....	139A	RE95.....	5063A	RE216.....	502	RECT-SI-1075.....	503	RFJ71503.....	503	RD-1F.....	552
RD24C.....	5198AK	RD91E.....	139A	RE96.....	5								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
RH-DX0003TAZZ	116	RH-EX0048CEZZ	5013A	RH-IX1053AFZZ	1484	RM2C	125	RP240D10A	B40240	RR8914	123A	RS1103	116
RH-DX0004TAZZ	506	RH-EX0053CEZZ	5037A	RH-IX1061AFZZ	1207S	RM-2CS	125	RP240D25A	B40240	RR8989	108	RS1104	116
RH-DX0008CEZZ	116	RH-EX0054CEZZ	5097A	RH-IX1070AFZZ	1155	RM2CS	125	RP300A	580	RR12766	717	RS1122	117
RH-DX0017CEZZ	506	RH-EX0057CEZZ	5090A	RH-IX1073AFZZ	1254	RM2CV	125	RP300B	580	RRB24-06	116	RS1123	109
RH-DX0025CEZZ	116	RH-EX0061CEZZ	142A	RH-IX1075AFZZ	9402	RM2-CZ	125	RP300D	580	RRD51A05	F1A005	RS1141	156
RH-DX0026AGZZ	116	RH-EX0062CEZZ	506	RH-IX1082AFZZ	1248	RM-2SC	125	RP300G	580	RRD51A05D	F1A005C	RS1142	156
RH-DX0027CEZZ	605A	RH-EX0065CEZZ	5025A	RH-IX1086AFZZ	1563	RM2Z	125	RP300J	580	RRD51A12	F1A012	RS1143	156
RH-DX0028CEZZ	506	RH-EX0070CEZZ	5024A	RH-IX1089A	1327	RM10	125	RP1020	5982	RRD51A24	F1A024	RS1144	156
RH-DX0029CEZZ	506	RH-EX0071CEZZ	140A	RH-IX1116AFZZ	1659	RM10A	125	RP1020M	5982	RRD52A05	F2A005	RS1171	5312
RH-DX0033TAZZ	519	RH-EX0072CEZZ	5080A	RH-IX1121AFZZ	1448	RM10B	125	RP1020MR	5983	RRD52A12	F2A012	RS1172	5313
RHDX0033TAZZ	177	RH-EX0073CEZZ	5019A	RH-IX1146AFZZ	4011B	RM10M	125	RP1020R	5983	RRD52A24	F2A024	RS1173	5314
RH-DX0036TAZZ	156	RH-EX0074CEZZ	5161A	RH-IX1219AFZZ	40175B	RM10MV	125	RP1040	5982	RS007	941M	RS1177A	525
RH-DX0038CEZZ	125	RH-EX0076CEZZ	5006A	RH-IX1202A	788	RM10Z	125	RP1040M	5982	RS-05	5800	RS1180	5312
RH-DX0039TAZZ	506	RH-EX0077CEZZ	150A	RH-IX1204AFZZ	1464	RM11	125	RP1040MR	5983	RS038	778A	RS1192	102A
RH-DX0041CEZZ	116	RH-EX0084CEZZ	5093A	RH-TX1008AFZZ	123A	RM11A	125	RP1040R	5983	RS-1	552	RS1192	102A
RH-DX0042CEZZ	116	RH-EX0088CEZZ	5014A	RH-TZTT03A	382	RM11B	125	RP1040T	5982	RS1A	552	RS1234	117A
RH-DX0043TAZZ	552	RH-EX0089CEZZ	5016A	RH-TZTT04A	383	RM11C	125	RP1040TM	5982	RS1C	558	RS1264	116
RHDX0043TAZZ	116	RH-EX0091CEZZ	5080A	RH-TZTT05A	451	RM25	148A	RP1040TMR	5983	RS1Z	552	RS-1264	116
RH-DX0045CEZZ	506	RH-EX0096CEZZ	5030A	RH-TZTT07A	107	RM-25	148A	RP1040TR	5983	RS5.6C	136A	RS1264	116
RH-DX0046CEZZ	177	RH-EX0098CEZZ	5030A	RH-TZTT08A	293	RM25V	148A	RP1120	6002	RS8AT	581	RS1290	139A
RH-DX0048CEZZ	519	RH-EX0130CEZZ	5078A	RH-VX0004TAZZ	601	RM26	5092A	RP1120M	6002	RS8BT	581	RS1296	116(4)
RH-DX0051CEZZ	506	RH-EX0131CEZZ	5078A	RH-VX0009TAZZ	601	RM-26	5092A	RP1120MR	6003	RS8DT	581	RS1296(SEARS)	506
RH-DX0054CEZZ	177	RH-EX0101CEZZ	5063A	RH-VX0014TAZZ	601	RM30DZH	6220	RP1120R	6003	RS8GT	581	RS-1347	116
RH-DX0055TAZZ	116	RH-EX0103CEZZ	5011A	RI4782	288	RM30DZM	6220	RP1140	6002	RS10	116	RS-1347	116
RH-DX0056CEZZ	116	RH-EX0106CEZZ	5047A	RI4010658	519	RM60DZ-24	6220	RP1140M	6002	RS-35	147A	RS1348	142A
RH-DX0056TAZZ	506	RH-EX0112CEZZ	5077A	RIN1102	722	RM60DZH	6220	RP1140MR	6003	RS-35AWO1-33	147A	RS1428	177
RH-DX0057TAZZ	506	RH-EX0130CEZZ	5029A	RJF60313	113A	RM60DZM	6220	RP1140M	6003	RS-101	160	RS1513	101
RH-DX0059TAZZ	116	RH-EX0131CEZZ	5010A	RJH6674	2311	RM-103	125	RP1140T	6002	RS-102	158	RS-1524	103A
RH-DX0062CEZZ	525	RH-EX0136CEZZ	5006A	RJH6675	2311	RM257	5090A	RP1140TM	6002	RS-103	160	RS1524	103A
RH-DX0063CEZZ	506	RH-EX0137CEZZ	5009A	RJH6676	2311	RM-4136	997	RP1140TR	6003	RS-104	101	RS1530	101
RH-DX0064CEZZ	116	RH-EX0137TAZZ	5009A	RJH6677	2311	RM9308R	8308	RP1140TMR	6003	RS-105	104	RS1531	101
RH-DX0065CEZZ	506	RH-EX0161CEZZ	5015A	RJH6678	2311	RMI	552	RP2020	5986	RS-106	105	RS1532	101
RH-DX0065CEZZ	506	RH-EX0163CEZZ	5095A	RK13	586	RMP	116	RP2020M	5986	RS-107	123A	RS1533	103A
RH-DX0066TAZZ	116(4)	RH-EX0182CEZZ	137A	RK14	586	RMVTC00921-3	114	RP2020MR	5987	RS-108	123A	RS1534	101
RH-DX0067TAZZ	552	RH-EX0193CEZZ	5074A	RK43	586	RS15	5940	RP2020R	5987	RS-109	108	RS1536	101
RH-DX0068TAZZ	116	RH-EX0217CEZZ	5024A	RK44	586	RN1002	2355	RP2040	5986	RS-110	159	RS-1536	101
RH-DX0069TAZZ	116	RH-EX0208TAZZ	5093A	RKZ12003	519	RN1003	2357	RP2040M	5986	RS128	123A	RS-1537	101
RH-DX0072CEZZ	116	RH-FXTT01A	5022A	RKZ120101	519	RN1004	2359	RP2040MR	5987	RS132	128	RS1537	101
RH-DX0073TAZZ	552	RH-IX0001TAZZ	748A	RL010	125	RN1015	5944	RP2040R	5987	RS136	123A	RS1538	101
RH-DX0077TAZZ	116(4)	RH-IX0004CE	749	RL020	125	RN1202	2355	RP2040T	5986	RS201	166	RS1538	101
RH-DX0077CEZZ	525	RH-IX0004CEZZ	749	RL040	125	RN1203	2357	RP2040TM	5987	RS202	166	RS1539	160
RH-DX0081CEZZ	506	RH-IX0005PAZZ	7476	RL060	125	RN1204	2359	RP2040TMR	5987	RS203	167	RS-1539	100
RH-DX0083CEZZ	177	RH-IX0010TAZZ	712	RL20	3019	RN1402	2414	RP2040TR	5987	RS204	168	RS1540	102A
RH-DX0085TAZZ	552	RH-IX0018TAZZ	1236	RL20	3019	RN1403	2416	RP4020M	5980	RS205	169	RS-1540	102A
RH-DX0086TAZZ	552	RH-IX0020CE	1004	RL31	109	RN1404	2418	RP4020MR	5991	RS206	170	RS-1541	102A
RH-DX0088TAZZ	116	RH-IX0023CEZZ	1004	RL32	109	RN2002	2356	RP4020M	5991	RS207	170	RS1541	102A
RH-DX0090CEZZ	506	RH-IX0021CEZZ	1080	RL32G	109	RN2003	2358	RP4020R	5991	RS220AF	116	RS-1542	102A
RH-DX0091CEZZ	506	RH-IX0022CEZZ	1081	RL34	109	RN2004	2360	RP4040	5990	RS230AF	116	RS1542	102A
RH-DX0092CEZZ	506	RH-IX0023CEZZ(Vert)	1079	RL34G	109	RN2015	5944	RP4040M	5990	RS276-008	703	RS1543	102A
RH-DX0096CEZZ	506	RH-IX0023CEZZ(If)	1074	RL41	109	RN2202	2356	RP4040MR	5991	RS276-009	923	RS-1543	102A
RH-DX0100CEZZ	558	RH-IX0024CEZZ	1105S	RL41G	109	RN2203	2358	RP4040T	5991	RS276-038	941	RS-1544	102A
RH-DX0101CEZZ	558	RH-IX0025CEZZ	1061	RL42	109	RN2204	2359	RP4040T	5990	RS276-1722	955M	RS1544	102A
RH-DX0104CEZZ	525	RH-IX0028PAZZ	1492	RL50-02	3000	RN2205	2360	RP4040TMR	5991	RS276-1801	7400	RS-1545	101
RH-DX0105TAZZ	552	RH-IX0032CEZZ	1089*	RL50-02	3000	RN2403	2417	RP4040TR	5991	RS276-1802	7400	RS-1545	102A
RH-DX0106TAZZ	552	RH-IX0035TAZZ	1245	RL52	109	RN2404	2419	RP6020	5994	RS276-1803	7473	RS1546	102A
RH-DX0109TAZZ	116	RH-IX0037CEZZ	615A	RL55-5	3001	RN2404	2419	RP6020M	5994	RS276-1804	7441	RS-1546	102A
RH-DX0110TAZZ	552	RH-IX0038TAZZ	7407	RL55-5	3001	RN3015	5948	RP6020MR	5995	RS276-1805	7447	RS-1547	101
RH-DX0114CEZZ	552	RH-IX0039PAZZ	74107	RL151	5800	RN4015	5944	RP6020MR	5995	RS276-1806	7445	RS1547	101
RH-DX0115CEZZ	125	RH-IX0040PAZZ	74121	RL152	5801	RN4918	185	RP6020R	5995	RS276-1807	7416	RS1548	102A
RH-DX0115TAZZ	125	RH-IX0041PAZZ	74123	RL153	5802	RN4919	185	RP6040	5994	RS276-1808	7490	RS-1548	102A
RH-DX0117TAZZ	552	RH-IX0042PAZZ	74132	RL154	5804	RN4920	185	RP6040M	5994	RS276-1809	7420	RS1549	103A
RH-DX0123CEZZ	552	RH-IX0043CEZZ	712	RL154	5804	RN4921	184	RP6040MR	5995	RS276-1811	7402	RS1550	160
RH-DX0126CEZZ	552	RH-IX0043CEZZ	712	RL156	5808	RN4922	184	RP6040M	5995	RS276-1812	7440	RS1550	100
RH-DX0130CEZZ	552	RH-IX0043CEZZ	712	RL157	5809	RN4923	184	RP6040T	5995	RS276-1813	7476	RS1551	101
RH-DX0131CEZZ	552	RH-IX0047CE	1189	RL157	5809	RN5015	5952	RP6040TM	5994	RS276-1814	74121	RS-1553	101
RH-DX0132CEZZ	552	RH-IX0047CE	1189	RL209	3007	RN6015	5952	RP6040TMR	5995	RS276-1830	309K	RS1554	160
RH-DX0136TAZZ	156	RH-IX0047CE	1189	RL209-02	3007	RN-EDP-LN312GP	3173	RP6040TR	5995	RS279US	199	RS-1554	126A
RH-DX0142CEZZ	519	RH-IX0048CEZZ OBS-N	NA	RL209-03	3007	RN-EDP-1S446	109	RP6040T	5995	RS279US	199	RS1555	102A
RH-DX0148CEZZ	519	RH-IX0054CEZZ	1140	RL209-04	3007	RN-EDP-GL-31A	3007	RP6020M	5998	RS401L	5318	RS1555	102A
RH-DX0152CEZZ	531A	RH-IX0056CEZZ	1550	RL209-1	3007	RN-EDP-LN312GP	3173	RP6020MR	5999	RS402	5309	RS1711	987
RH-DX0154CEZZ	116	RH-IX0059CEZZ	4001B	RL232G	109	RN-EDS-1S1555	177	RP8020R	5999	RS402L	5318	RS1712	834
RH-DX0155CEZZ	116	RH-IX0077CEZZ	4049	RL246	109	RN-EDS-1S1585	116	RP8040M	5998	RS403	5309	RS1713	992
RH-DX0164CEZZ	525	RH-IX0078CEZZ	4050B	RL251	5800	RN-EDT-RD47EB3	5009A	RP8040M	5998	RS404	5310	RS1714	116
RH-DX0181CEZZ	552	RH-IX0080CEZZ	4071B	RL252	109	RN-EIC-HA1199	1290	RP8040MR	5999	RS404	5310	R-S-1720	116
RH-DX0200CEZZ	5332	RH-IX0084CEZZ	4081B	RL252	109	RN-EIC-HA1365W	1260	RP8040R	5999	RS404L	5319	RS1721	832
RH-DX0203CEZZ	580	RH-IX0092CEZZ	1535	RL253	5802	RN-EIC-HA1365WR	1281	RP8040T	5998	RS405	5310	RS1723	955M
RH-DX0208CEZZ	5332	RH-IX0093CEZZ	1542	RL254	5804	RN-EIC-M51517L	1364	RP8040TMR	5999	RS405L	5319	RS1726	978
RH-DX0208CEZZ(Diode)	519	RH-IX0093CEZZ	1532	RL255	5806	RN-EIC-M51517L	1364	RP8040TR	5999	RS406	102A	RS1727	988
RH-DX1100CEZZ	116	RH-IX0094CEZZ	1496	RL256	5808	RN-EIC-SN76115N	801	RPB2103A	5408	RS406(Bridge)	5311	RS1731	987
RH-DX1202CEZZ	552	RH-IX0094CEZZ	1496	RL257	5809	RN-EIC-UPC1185H	1293	RPB2103C	5409	RS406L	5320	RS1749	116
RH-DX1005AFZZ	116	RH-IX0111CEZZ	977	RL709T	909	RN-EVF-2SK19TM-Y	459	RPB2103E	5410	RS407	5311	RS1770	960
RH-DX1006AFZZ	125	RH-IX0116CEZZ	7407	RL711T	911	RN-EVF-3SK60	454	RPB2106A	5408	RS407L	5320	RS1771	966
RH-DX7502YAZZ													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
RS1916	74LS47	RS2411	4011B	RS3727	116	RS5507	102A	RS5746	102A	RS7135	108	RS7521	123A
RS1917	74LS51	RS2412	4012B	RS3857	102A	RS5511	100	RS5747	102A	RS7136	123A	RS7522	108
RS1918	74LS73	RS2413	4013B	RS3858	121	RS5511	100	RS5748	102A	RS7138	108	RS7523	107
RS1919	74LS74A	RS2417	4017B	RS3858-1	121	RS5530	102A	RS5749	102A	RS7139	108	RS7524	108
RS1920	74LS75	RS2420	4020B	RS3858-1	121	RS5530	102A	RS5749	102A	RS7140	108	RS7525	123A
RS1922	74LS85	RS2421	4021B	RS3862	160	RS5531	102A	RS5750	102A	RS7141	108	RS7526	123A
RS1923	74LS93	RS2423	4023B	RS3862	126A	RS5531	102A	RS5751	102A	RS7142	108	RS7527	123A
RS1926	74LS123	RS2427	4027B	RS3863	160	RS5532	102A	RS5752	102A	RS7143	108	RS7528	123A
RS1929	74LS151	RS2428	4028B	RS3863	126A	RS5532	102A	RS5752	126A	RS7144	108	RS7529	123A
RS1930	74LS157	RS2447	4511B	RS3864	160	RS5533	102A	RS5753	126A	RS7145	108	RS7530	123A
RS1931	74LS161A	RS2449	4049	RS3866	102A	RS5533	102A	RS5753	126A	RS7160	123A	RS7532	108
RS1932	74LS164	RS2450	4050B	RS3866	126A	RS5534	102A	RS5753-2	126A	RS7161	108	RS7533	108
RS1934	74LS175	RS2451	4051B	RS3867	100	RS5534	102A	RS5754	126A	RS7162	108	RS7534	123A
RS1936	74LS193	RS2466	4066B	RS3867	158	RS5535	102A	RS5754	126A	RS7163	108	RS7544	123A
RS2001	101	RS2470	4030B	RS3868	160	RS5535	102A	RS5755	126A	RS7164	108	RS7544	123A
RS2002	160	RS2490	4518B	RS3868	100	RS5536	102A	RS5755	126A	RS7165	108	RS7555	123A
RS2002	103A	RS2675	102A	RS3880	102A	RS5536	102A	RS5756	126A	RS7166	108	RS7558	102A
RS2003	126A	RS2675	102A	RS3892	160	RS5540	100	RS5756	126A	RS7167	108	RS7566	123A
RS2003	102A	RS2677	102A	RS3892	100	RS5540	100	RS5757	126A	RS7168	108	RS7566	123A
RS2004	102A	RS2677	102A	RS3897	102A	RS5541	102A	RS5757	126A	RS7169	108	RS7607	123A
RS2004	102	RS2679	160	RS3898	160	RS5541	102A	RS5758	126A	RS7170	108	RS7607	123A
RS2005	102A	RS2680	160	RS3898	160	RS5542	102A	RS5758	126A	RS7173	108	RS7609	123A
RS2005	102	RS2683	160	RS3900	160	RS5542	102A	RS5759	126A	RS7174	108	RS7610	123A
RS2006	104	RS2683	100	RS3900	160	RS5543	102A	RS5759	126A	RS7175	108	RS7610	123A
RS2006	121	RS2684	160	RS3901	160	RS5544	102A	RS5760	126A	RS7176	108	RS7610	123A
RS2007	158	RS2684	100	RS3902	160	RS5544	102A	RS5760	126A	RS7177	108	RS7611	123A
RS2007	102	RS2685	100	RS3902	160	RS5545	102A	RS5761	126A	RS7201	108	RS7611	123A
RS2008	154	RS2685	100	RS3903	160	RS5545	102A	RS5761	126A	RS7201	108	RS7612	123A
RS2008	376	RS2686	100	RS3903	160	RS5551	102A	RS5762	126A	RS7202	108	RS7612	123A
RS2009	123AP	RS2686	160	RS3904	102A	RS5552	102A	RS5762	126A	RS7209	108	RS7613	123A
RS2009	123A	RS2687	160	RS3904	102A	RS5552	102A	RS5765	102A	RS7210	108	RS7613	123A
RS2010	123AP	RS2687	100	RS3905	160	RS5553	102A	RS5766	102A	RS7211	108	RS7614	123A
RS2011	108	RS2688	160	RS3906	160	RS5553	102A	RS5767	102A	RS7212	108	RS7614	123A
RS2011	161	RS2688	100	RS3907	100	RS5554	102A	RS5768	102A	RS7214	108	RS7620	123A
RS2012	287	RS2689	102A	RS3907	160	RS5554	102A	RS5768	176	RS7215	108	RS7621	123A
RS2013	123A	RS2689	102A	RS3911	160	RS5555	102A	RS5802	126A	RS7216	108	RS7622	123A
RS2013	123AP	RS2690	100	RS3911	160	RS5555	102A	RS5802	126A	RS7217	108	RS7622	123A
RS2014	123AP	RS2690	100	RS3912	160	RS5556	102A	RS5818	160	RS7218	108	RS7623	123A
RS2014	128	RS2691	100	RS3913	102A	RS5556	102A	RS5818	126A	RS7219	108	RS7623	123A
RS2015	108	RS2691	100	RS3913	100	RS5557	102A	RS5825	102	RS7220	108	RS7624	123A
RS2015	123AP	RS2692	100	RS3914	100	RS5557	102A	RS5835	121	RS7221	108	RS7625	123A
RS2016	123AP	RS2692	100	RS3915	100	RS5558	102A	RS5835	107	RS7222	108	RS7625	123A
RS2016	123A	RS2694	160	RS3925	102A	RS5558	102A	RS5851	123A	RS7223	123A	RS7627	123A
RS2017	152	RS2694	100	RS3925	102A	RS5558	102A	RS5851	123A	RS7224	123A	RS7628	123A
RS2017	184	RS2695	160	RS3926	102A	RS5558	102A	RS5852	102A	RS7225	108	RS7634	123A
RS2018	210	RS2695	100	RS3929	160	RS5558	102A	RS5852	102A	RS7226	123A	RS7635	123A
RS2018	152	RS2696	100	RS3929	100	RS5558	102A	RS5853	123A	RS7227	108	RS7635	123A
RS2019	182	RS2696	100	RS3931	103A	RS5558	102A	RS5853	123A	RS7227	108	RS7637	123A
RS2019	331	RS2697	102A	RS3939	121	RS5558	102A	RS5854	102A	RS7229	108	RS7638	123A
RS2020	184	RS2697	102A	RS3939-1	121	RS5602	102A	RS5854	102A	RS7230	108	RS7639	123A
RS2020	331	RS2801	109	RS3986	160	RS5602	102A	RS5855	121	RS7231	108	RS7640	123A
RS2021	159	RS2867	102A	RS3995	160	RS5602	102A	RS5855	121MP	RS7232	123A	RS7641	123A
RS2021	159	RS2914	123A	RS5008	102A	RS5602	102A	RS5855	123A	RS7233	229	RS7642	123A
RS2022	159	RS3211	102A	RS5008	102A	RS5607	102A	RS5856	123A	RS7234	123A	RS7643	123A
RS2022	159	RS3275	102A	RS5101	160	RS5608	102A	RS5857	123A	RS7235	123A	RS7665	159
RS2023	159	RS3275	102A	RS5102	102A	RS5610	102A	RS5857	123A	RS7236	123A	RS7665A	159
RS2023	159	RS3276	102	RS5103	102A	RS5612	121	RS5857	116	RS7237	108	RS7672	128
RS2024	159	RS3276	102A	RS5104	100	RS5613	121	RS5857	116	RS7241	123A	RS7678	128
RS2024	159	RS3277	100	RS5104	100	RS5613	121	RS5857	116	RS7242	123A	RS7685	309K
RS2025	185	RS3277	160	RS5105	100	RS5614	121	RS5857	116	RS7310	124	RS7685T	960
RS2025	153	RS3278	160	RS5105	100	RS5616	121	RS5857	116	RS7311	124	RS7812	1914
RS2026	153	RS3278	100	RS5106	160	RS5616	121	RS5857	116	RS7312	124	RS7812T	966
RS2026	211	RS3279	100	RS5106	160	RS5616	121	RS5857	116	RS7313	124	RS7814	123A
RS2027	183	RS3279	100	RS5107	160	RS5616	121	RS5857	116	RS7315	124	RS7815	1916
RS2027	183	RS3280	102A	RS5107	126A	RS5616	121	RS5857	116	RS7315	124	RS7815T	968
RS2028	312	RS3281	100	RS5108	126A	RS5616	121	RS5857	116	RS7316	124	RS7916	312
RS2028	312	RS3282	102A	RS5108	160	RS5616	121	RS5857	116	RS7316	124	RS8100	129
RS2029	640	RS3283	102A	RS5109	160	RS5616	121	RS5857	116	RS7317	124	RS8101	128
RS2029	640	RS3283	102A	RS5109	160	RS5616	121	RS5857	116	RS7317	124	RS8102	129
RS2030	128	RS3283	102A	RS5201	160	RS5616	121	RS5857	116	RS7318	124	RS8103	128
RS2031	123AP	RS3284	102A	RS5201	126A	RS5616	121	RS5857	116	RS7318	124	RS8104	129
RS2032	159	RS3284	102A	RS5202	102A	RS5616	121	RS5857	116	RS7320	124	RS8105	128
RS2033	123AP	RS3285	102A	RS5203	102A	RS5616	121	RS5857	116	RS7321	124	RS8106	129
RS2033	312	RS3285	102A	RS5204	160	RS5616	121	RS5857	116	RS7322	124	RS8107	128
RS2036	220	RS3286	102A	RS5205	160	RS5616	121	RS5857	116	RS7323	124	RS8108	129
RS2037	326	RS3286	102A	RS5205	126A	RS5616	121	RS5857	116	RS7329	124	RS8109	128
RS2038	311	RS3287	100	RS5206	160	RS5616	121	RS5857	116	RS7330	124	RS8110	129
RS2038	130	RS3288	160	RS5207	126A	RS5616	121	RS5857	116	RS7333	108	RS8111	128
RS2040	219	RS3289	102A	RS5207	160	RS5616	121	RS5857	116	RS7334	108	RS8112	129
RS2041	130	RS3289	102A	RS5207	160	RS5616	121	RS5857	116	RS7365	124	RS8113	128
RS2042	249	RS3289	102A	RS5208	160	RS5616	121	RS5857	116	RS7365	124	RS8406	158
RS2042	219	RS3290	102A	RS5208	160	RS5616	121	RS5857	116	RS7367	124	RS8407	103A
RS2043	102A	RS3290	102A	RS5209	126A	RS5616	121	RS5857	116	RS7368	124	RS8420	103A
RS2350	102A	RS3291	102A	RS5209	160	RS5616	121	RS5857	116	RS7405	123A	RS8421	102A
RS2350	102A	RS3301	102A	RS5243-2	102A	RS5616	121	RS5857	116	RS7406	123A	RS8424	158
RS2351	102A	RS3301	102A	RS5301	160	RS5616	121	RS5857	116	RS7407	123A	RS8430	116
RS2351	102A	RS3302	101	RS5301	126A	RS5616	121	RS5857	116	RS7408	123A	RS8441	103A
RS2352	102A	RS3303	102A	RS5302	100	RS5616	121	RS5857	116	RS7409	123A	RS8442	123A
RS2352	102A	RS3303	102A	RS5303	100	RS5616	121	RS5857	116	RS7409	123A	RS8443	103A
RS2353	102A	RS3309	100	RS5305	126A	RS5616	121	RS5857	116	RS7410	123A	RS8444	102A
RS2353	102												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
RT1P141S	2356	RT3671A	145A	RT6737	199	RTB0210	5402	RTN0302	5481 ♦	RV1226	177	RVDRD7R5EB	138A
RT1P241C	2417	RT3858	116	RT6787	229	RTB0215	5404	RTN0305	5481 ♦	RV1395	123A	RVDRD7R5FB	138A
RT1P241S	2358	RT3858	116	RT6789	613	RTB0220	5404	RTN0310	5482 ♦	RV1424	116	RVDRD8R2EC	5072A
RT1P441C	2419	RT3981	116	RT6790	1003	RTB0225	5405	RTN0320	5483 ♦	RV1424EA1424	116	RVDRD9R1E	139A
RT1P441S	2360	RT4050	116	RT6791	116	RTB0230	5405	RTN0330	5485 ♦	RV1467	108	RVDRD9R1FB	139A
RT-100	123A	RT-4232	116	RT6921	123	RTB0301	5400	RTN0340	5485 ♦	RV1468	108	RVDRD11AN	139A
RT-100	123A	RT4232	116	RT6922	5010A	RTB0303	5400	RTN0350	5487 ♦	RV1469	108	RVDRD11EB.1	5020A
RT-112	107	RT4293	109	RT6923	5072A	RTB0306	5401	RTN0360	5487 ♦	RV1470	108	RVDRD12FB	142A
RT-114	123A	RT4525	160	RT6988	160	RTB0310	5402	RTN1001	804	RV1471	123A	RVDRD13EB	5022A
RT-121	158	RT4624	102A	RT6989	123A	RTB0315	5404	RTN1102	722	RV1472	129	RVDRD33EB2	5036A
RT-141	128	RT-4625	102A	RT6990	102A	RTB0320	5404	RTR0302	5511	RV1473	128	RVDS5277B	116
RT-141	128	RT4625	158	RT6991	108	RTB0325	5405	RTR0305	5511	RV1474	123A	RVDS-1	116
RT-154	130	RT4644	109	RT7311	124	RTB0330	5405	RTR0310	5511	RV1475	102A	RVDS-1U	116
RT-154	129	RT4760	123A	RT7320	108	RTB0401	5400	RTR0320	5511	RV1476	5904	RVDS-1Y	116
RT-175	312	RT4761	199	RT7321	108	RTB0403	5400	RTR0330	5512	RV1478	116	RVDS-1Z	156
RT-180	222	RT4762	131	RT7322	123A	RTB0406	5401	RTR0340	5512	RV1479	109	RVDS113	614
RT-185	102A	RT4764	116	RT7323	108	RTB0410	5402	RTR0350	5513	RV2068	293	RVDS1113TA	614
RT-185	102A	RT4880	110MP	RT7324	105	RTB0415	5404	RTR0360	5513	RV2069	129	RVDS5G-5N	156
RT-188	128	RT5063	126A	RT7325	123A	RTB0420	5405	RTS0205	5514	RV2070	199	RVDS5G-5P	156
RT-188	128	RT5063	126A	RT7326	123A	RTB0425	5405	RTS0205	5514	RV2071	177	RVDSMA02TPA	125
RT-213	116	RT5070	116	RT7327	123A	RTB0430	5405	RTS0210	5514	RV2072	116	RVDSR3AM2N	116
RT-215	116	RT5151	128	RT7328	158	RTC0101	5400	RTS0220	5514	RV2134	123A	RVDSVC211	616
RT-218	117	RT5152	128	RT7329	108	RTC0103	5400	RTS0230	5515	RV2213	139A	RVDUZ6R2BKTA	5013A
RT-323	614	RT5200	108	RT7330	108	RTC0106	5401	RTS0240	5516	RV2248	116	RVDS1150L	601
RT-482	128	RT5201	108	RT7357	199	RTC0110	5402	RTS0250	5516	RV2248	199	RVDDVD1150M	601
RT-483	128	RT5202	123A	RT7399	1003	RTC0115	5404	RTS0260	5516	RV2249	123A	RVDDVD1210L	605A
RT-484	128	RT5203	128	RT7400	103A	RTC0120	5404	RTS0502	5514	RV2250	116	RVDDVD1210M	605A
RT-600	509	RT5204	299A	RT7401	102A	RTC0125	5405	RTS0505	5514	RV2260	159	RVDDVD1211L	605A
RT-601	509	RT5205	108	RT7402	166	RTC0130	5405	RTS0510	5514	RV2260	85	RVDDVD1212L	605A
RT-602	510	RT5206	123A	RT7511	123A	RTC0201	5400	RTS0520	5514	RV-2289	116	RVDDVD1213	605A
RT-603	511	RT5207	123A	RT7514	123A	RTC0203	5400	RTS0530	5515	RV2289	116	RVDDVD1250M	177
RT-604	512	RT5208	199	RT7515	123A	RTC0206	5401	RTS0540	5515	RV2327	116	RVDDVD1251L	601
RT-605	512	RT5209	299A	RT7517	123A	RTC0210	5402	RTS0550	5516	RV2335	290A	RVDDVD1252L	605A
RT-697M	123A	RT5212	110MP	RT7518	123A	RTC0215	5404	RTS0560	5516	RV2353	159	RVDS1150L OBS-NLA	601
RT-699M	128	RT5213	109	RT7528	123A	RTC0220	5404	RTS0702	5517	RV2353	234	RVDDVD1271ME	519
RT-704	404	RT5214	109	RT7538	110MP	RTC0225	5405	RTS0705	5517	RV2354	199	RVDDVD1272LE	519
RT-929H	123A	RT5215	5071A	RT7539	137A	RTC0230	5405	RTS0710	5517	RV2355	290A	RVDDVD1272ME	519
RT-929H	123A	RT5216	177	RT7547	109	RTC0301	5401	RTS0720	5517	RV2356	167	RVDSW209A	139A
RT-930H	123A	RT5217	177	RT7558	158	RTC0303	5400	RTS0730	5518	RV2358	997 ♦	RVDS1150L	601
RT-930H	123A	RT5217	177	RT7559	199	RTC0306	5401	RTS0740	5518	RV136DC	997 ♦	RVIBA328MR	1659
RT-930H	108	RT5230	129	RT7634	116	RTC0310	5402	RTS0750	5519	RV4156DC	948 ♦	RVIBA532S	1375
RT-1009	108	RT5231	110MP	RT7635	109	RTC0315	5404	RTS0760	5519	RV08C22/1A	116	RVIH038980A	2061B
RT-1106	109	RT5401	128	RT7636	109	RTC0320	5401	RTU0102	5501	RV1K1110	109	RVIH038980A	2061B
RT-1108	109	RT5402	128	RT7638	123A	RTC0325	5405	RTU0105	5501	RV1A3350S	109	RVIH038980A	2061B
RT-1116	171	RT5403	128	RT7689	109	RTC0330	5405	RTU0110	5502	RV1A3350S	109	RVIH038980A	2061B
RT-1184	109	RT5404	128	RT7703	229	RTC0401	5400	RTU0120	5504	RV1A3350S	109	RVIH038980A	2061B
RT-1306	138A	RT5405	107	RT7745	123A	RTC0406	5400	RTU0130	5507	RV1A3350S	109	RVIH038980A	2061B
RT-1306(G.E.)	138A	RT5464	107	RT7845	123A	RTC0410	5402	RTU0140	5507	RV1A3350S	109	RVIH038980A	2061B
RT-1595	116	RT5465	107	RT7846	158	RTC0415	5404	RTU0150	5509	RV1A3350S	109	RVIH038980A	2061B
RT-1667	110MP	RT5466	126A	RT7848	5800	RTC0415	5404	RTU0160	5529	RV1A3350S	109	RVIH038980A	2061B
RT-1689	177	RT5467	126A	RT7849	116(2)	RTC0420	5404	RTU0202	5521	RV1A3350S	109	RVIH038980A	2061B
RT-1689	506	RT5468	116	RT7850	116	RTC0425	5405	RTU0205	5521	RV1A3350S	109	RVIH038980A	2061B
RT-1689	177	RT5470	110MP	RT7932	58	RTC0430	5405	RTU0210	5521	RV1A3350S	109	RVIH038980A	2061B
RT-1840	177	RT5471	5071A	RT7943	123A	RTD0101	5408 ♦	RTU0220	5524	RV1A3350S	109	RVIH038980A	2061B
RT-1893	171	RT5472	116	RT7944	103A	RTD0103	5408 ♦	RTU0230	5527	RV1A3350S	109	RVIH038980A	2061B
RT-2016	109	RT5520	126A	RT7945	128	RTD0106	5408 ♦	RTU0240	5527	RV1A3350S	109	RVIH038980A	2061B
RT-2016	123A	RT5521	102A	RT7946	601	RTD0110	5408 ♦	RTU0250	5529	RV1A3350S	109	RVIH038980A	2061B
RT-2061(G.E.)	177	RT5522	102A	RT8047	199	RTD0115	5408 ♦	RTU0260	5529	RV1A3350S	109	RVIH038980A	2061B
RT-2230	102A	RT5551	123A	RT8193	123A	RTD0120	5408 ♦	RTU0260	5529	RV1A3350S	109	RVIH038980A	2061B
RT-2309	199	RT5554	177	RT8195	123A	RTD0125	5409 ♦	RTU0605	5521 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2329	102A	RT5637	102A	RT8197	123A	RTD0130	5409 ♦	RTU0610	5522 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2330	102A	RT5738	110MP	RT8198	123A	RTD0135	5409 ♦	RTU0620	5522 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2331	102A	RT5793	136A	RT8199	117A	RTD0140	5409 ♦	RTU0630	5527 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2332	123A	RT5900	108	RT8200	5022A	RTD0145	5409 ♦	RTU0640	5527 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2334	109	RT5901	123A	RT8201	123A	RTD0150	5408	RTU0650	5529 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2451	110MP	RT5902	108	RT8231	116	RTD0155	5408	RTU0660	5529 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2452	109	RT5903	108	RT8331	312	RTD0160	5408	RTU0670	5529 ♦	RV1A3350S	109	RVIH038980A	2061B
RT-2669	116(2)	RT5904	108	RT8332	123A	RTD0165	5408	RTU0710	5542	RV1A3350S	109	RVIH038980A	2061B
RT-2669	116	RT5905	199	RT8333	229	RTD0170	5408	RTU0720	5543	RV1A3350S	109	RVIH038980A	2061B
RT-2694	109	RT5906	128	RT8338	374	RTD0175	5408	RTU0730	5545	RV1A3350S	109	RVIH038980A	2061B
RT-2709	102A	RT5907	128	RT8339	139A	RTD0180	5408	RTU0740	5545	RV1A3350S	109	RVIH038980A	2061B
RT-2914	123A	RT5908	109	RT8340	116	RTD0185	5408	RTU0750	5547	RV1A3350S	109	RVIH038980A	2061B
RT-2915	108	RT5909	177	RT8442	102A	RTD0190	5408	RTU0760	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3063	123A	RT5910	601	RT8527	229	RTD0195	5408	RTU0770	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3064	123A	RT5911	116	RT8602	102A	RTD0200	5408	RTU0780	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3065	159	RT5912	110MP	RT8653	126A	RTD0205	5408	RTU0790	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3065A	159	RT5939	109	RT8655	125	RTD0210	5408	RTU0800	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3069	108	RT6105	5072A	RT8666	199	RTD0215	5408	RTU0810	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3070	108	RT6105(G.E.)	5072A	RT8667	312	RTD0220	5408	RTU0820	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3071	159	RT6119	109	RT8668	107	RTD0225	5408	RTU0830	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3071A	159	RT6157	108	RT8669	107	RTD0230	5408	RTU0840	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3072	109	RT6158	108	RT8670	290A	RTD0235	5408	RTU0850	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3095	108	RT6159	108	RT8671	109	RTD0240	5408	RTU0860	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3096	103A	RT6160	108	RT8779	612	RTD0245	5408	RTU0870	5547	RV1A3350S	109	RVIH038980A	2061B
RT-3097													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
RZ22	5080A	S07K20	1V020	S0508G	5514	S1B02-C	116	S1PT125A	56022	S1RB	166	S3V10	5801
RZ22A	5030A	S07K25	1V025	S0508H	5491	S1B02-CR	116(2)	S1PT125AB	56022	S1RB10	166	S3V10	5801
RZ25	5032A	S07K30	1V030	S0508L	5417	S1B02-CR1	178M	S1PT125B	56022	S1RBA(Bridge)	166	S3V20	5802
RZ27	146A	S07K35	1V035	S0508LS2	5417	S1B0102-CR	116	S1PT125C	56022	S1RA00	5304	S3V40	5804
RZ27A	146A	S07K40	1V040	S0508LS3	5426	S1B0102	116	S1PT125C	56022	S1RBA-10	116(4)	S3V60	5806
RZ27AC	146A	S07K50	1V050	S0508R	5461	S1B0201B	166	S1PT130	56022	S1RBA-10	5304	S3VC	116(2)
RZ30	5035A	S07K60	1V060	S0510G	5514	S1B0201CR	116	S1PT130A	56022	S1RBA20	5304	S3VC40	125(2)
RZ33A	5036A	S07K75	1V075	S0510H	5491	S1B-0306	125	S1PT130AB	56022	S1RBA20	5304	S3VC40R	125(2)
RZ39A	5038A	S07K95	1V095	S0510L	5417	S1B01-02	5916	S1PT130B	56022	S1RBA60	5305	S3VCR	116
RZ47A	5040A	S07K130	1V130	S0510LS2	5426	S1BN15	5916	S1PT130BC	56022	S1RBA80	5306	S3WB	5315
RZ50	5041A	S07K150	1V150	S0510LS3	5426	S1BN15R	5917	S1PT130C	56022	S1RC20	116	S3WB60Z	5315
RZ56A	5042A	S07K250	1V250	S0510R	5550	S1BN20	5916	S1PT140	56022	S1RC20R	116	S4A06	116
RZ68A	5045A	S07K275	1V275	S0512R	5550	S1BN20R	5917	S1RD10	158	S1RECT-35	177	S4A1-A-3P	121
RZ82A	5047A	S07K300	1V300	S0515G	5514	S1BN31	5986	S1PT140AB	56022	S1RECT-102	116	S4AN6	5878
RZ23.3	5066A	S010G	125	S0515H	5501	S1BN31R	5987	S1PT140B	56022	S1RECT-154	116	S4AN12	5878
RZ23.6	134A	S011-0	5074A	S0515R	5550	S1BN40	5986	S1PT140BC	56022	S1RECT-155	116	S4AR1	116
RZ23.9	5067A	S012AADF	5818	S0516R	5550	S1BN40R	5987	S1PT140C	56022	S1RECT-158	116	S4AR2	116
RZ24.3	5068A	S025	102A	S0520H	5514	S1BN55	5987	S1PT140C	56022	S1RECT-158	116	S4AR30	116
RZ24.7	5069A	S025AADF	6006	S0520H	5514	S1BN55R	6027	S1PT225A	56022	S1RECT-158	116	S4C	558
RZ25.1	5010A	S028	101	S0520R	5550	S1BR2	5854	S1PT225AB	56022	S1S3M	585	S4CN1	5802
RZ25.6	136A	S031A	123A	S0525C	5534A	S1BR5	5944	S1PT225B	56022	S1S4M	585	S4CN1	5802
RZ26.2	137A	S035AADF	6006	S0525D	5562	S1C	125	S1PT225BC	56022	S1S20	109	S4FN300	116
RZ26.8	5071A	S037	123A	S0525G	5517	S1CN1	125	S1PT225C	56022	S1S20-150-01	116	S4GR2	5802
RZ27.5	138A	S-050	158	S0525H	5517	S1CR5	5944	S1PT230	56022	S1S20-150-02	116	S4M1	5804
RZ28.2	5072A	S065	158	S0525R	5550	S1D	125	S1PT230A	56022	S1S20-150-02	116	S4V8	5312
RZ29.1	139A	S065A	102A	S0535C	5534A	S1D(SCR)	5405	S1PT230AB	56022	S1S20-150-02	116	S4V8-10	5312
RZ210	140A	S074-005-0001	519	S0535D	5562	S1D01-0	5875	S1PT230B	56022	S1S20-150-02	116	S4V8-10	5312
RZ211	5074A	S074-007-0001	177	S0535G	5517	S1D01-03	5875	S1PT230C	56022	S1S20-150-02	116	S4V8-10	5312
RZ212	142A	S082A	102A	S0535H	5541	S1D01-06	5875	S1PT230C	56022	S1S20-150-02	116	S4V8-10	5312
RZ213	143A	S088	102A	S0602BH	5437	S1D01-09	5891	S1PT240	56022	S1S20-150-02	116	S4V8-10	5312
RZ215	5023A	S0301JS2	5452	S0602DH	5437	S1D23-13	506	S1PT240A	56022	S1S20-150-02	116	S4V8-10	5312
RZ218	5027A	S0301JS3	5452	S0602MH	5438	S1D23-15	506	S1PT240B	56022	S1S20-150-02	116	S4V8-10	5312
RZ222	5030A	S0301L	5417	S0610BH	5438	S1D30-13	506	S1PT240B	56022	S1S20-150-02	116	S4V8-10	5312
RZ227-12	5033A	S0301LS1	5426	S0610DH	5438	S1D30-15	506	S1PT240BC	56022	S1S20-150-02	116	S4V8-10	5312
RZ227-12	146A	S0301LS2	5426	S0610MH	5437	S1D30-15	506	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
RZ2156	145A	S0301LS3	5426	S0702	139A	S1D50B851-A	177	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S	139A	S0301RS3	5411	S0704	123A	S1D51C052-19	116	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0001(HEP)	194	S0303L	5417	S0802BH	5437	S1D51C169-1	116	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0002	233	S0303LS1	5426	S0802DH	5437	S1D153	152	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0003(HEP)	192	S0303LS2	5426	S0802MH	5438	S1DR5	5944	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0004(HEP)	123A	S0303LS3	5426	S0810MH	5437	S1E01-01	5983	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0005	287	S0303M	5408	S01201DF	5818	S1E01-03	5995	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0005(HEP)	194	S0303RS2	5417	S01202DF	5818	S1E01-06	5995	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0006(HEP)	234	S0303RS3	5417	S01203DF	5820	S1E01-09	6003	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0008(HEP)	229	S0304F1	5452	S01204DF	5820	S1E01-09	6003	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S004(HEP)	195A	S0304F2	5452	S01205DF	5822	S1F(Diode)	558	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S006AADF	5818	S0304F3	5452	S01206DF	5822	S1G01-01	5983	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0010(HEP)	229	S0304F4	5452	S01206DF	5822	S1G01-03	5991	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0011(HEP)	123A	S03062	5514	S02502DF	6006	S1G01-06	5995	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0012(HEP)	129	S0306H	5491	S02503DF	6008	S1G01-09	6003	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0013(HEP)	159	S0306L	5417	S02504DF	6008	S1GR2	5801	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0014(HEP)	123A	S0306LS2	5426	S02505DF	6010	S1H31-01	6155	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0015	123A	S0306L	5417	S02506DF	6010	S1H31-01R	6154	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0016	108	S0308G	5514	S03501DF	6006	S1H31-03	6155	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0020	108	S0308H	5491	S03502DF	6006	S1H31-03R	6154	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0021	108	S0308L	5417	S03503DF	6008	S1H31-06	6157	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0022	123A	S0308LS2	5426	S03504DF	6008	S1H31-06R	6156	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0023	194	S0308LS3	5426	S03505DF	6010	S1H31-10	6159	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0024	233	S0308R	5461	S03506DF	6010	S1H31-10R	6158	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0025	123A	S0310G	5514	S017446	159	S1H31-12	6163	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0026	159	S0310H	5491	S019843	159	S1H31-12R	6162	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0027(HEP)	287	S0315G	5417	S022010	123A	S1K20	552	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0028(HEP)	288	S0310LS2	5426	S022011	123A	S1K40	552	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0029	288	S0310LS3	5426	S022012	159	S1L31-01	6355	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0030(HEP)	123A	S0310R	5550	S022013	159	S1L31-01R	6354	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0031(HEP)	159	S0312R	5550	S024428	123A	S1L31-03	6355	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0032(HEP)	229	S0315G	5417	S024987	123A	S1L31-03R	6354	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0033(HEP)	229	S0315H	5501	S025232	123A	S1L31-06	6357	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S0034(HEP)	123A	S0315R	5550	S025289	123A	S1L31-06R	6356	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S00601DF	5818	S0316R	5550	S026094	234	S1L31-10	6359	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S00602DF	5818	S0320G	5514	S0C228	3047	S1L31-10R	6358	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S00603DF	5820	S0320H	5521	S1	552	S1L31-12	6363	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S00604DF	5820	S0320R	5550	S1(Diode)	552	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S00605DF	5822	S0325C	5534A	S1-1	116	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S00606DF	5822	S0325D	5562	S1-4	334	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S001465	199	S0325G	5521	S1-11	335	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S001466	123A	S0325H	5517	S1-18	336	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S001683	28	S0325R	5550	S1-25	333	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S006793	199	S0335C	5534A	S1A	116	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S006927	199	S0335D	5562	S1A(SCR)	5402	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S007220	128	S0335G	5517	S1A06	116	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S007764	199	S0335H	5541	S1A060	116	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S01	160	S0402BH	5437	S1A3	137A	S1L31-12R	6362	S1PT240C	56022	S1S20-150-02	116	S4V8-10	5312
S01B01-02	116												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
S10K20	2V020	S23	116	S73	116	S-200-08	6358†	S-874TB	160	S-1153	108	S1475	123A
S10K25	2V025	S23A	116	S74-3-A-3P	100	S-200-10	6358†	S913	118	S1201F	125	S1476	123A
S10K30	2V030	S24	125	S75	116	S201	116	S926	118	S1202	157	S1487	123A
S10K35	2V035	S24LCA20	6246#	S77A-1-3P	105	S203	116	S1003	177	S1210	580	S1502	123A
S10K40	2V040	S25A05	5980	S77B-1-3P	121MP	S204	116	S1000	5848	S1211N	312	S1510	123A
S10K50	2V050	S25A1	5986	S77C-1-3P	121	S205	116	S1001JS2	5454	S1212N	312	S-1512	123A
S10K60	2V060	S25A2	5986	S80-12	335	S206	116	S1001JS3	5454	S1213N	312	S1514	128
S10K75	2V075	S25A3	5990	S80-12	335	S207	116	S1001LS1	5426 ♦	S1214N	312	S1516	128
S10K95	2V095	S25A6	5994	S80W	1355	S208	125	S1001LS2	5426	S1216N	312	S1517	128
S10K130	2V130	S25A8	5998	S81	116	S210	125	S1001LS3	5426	S1220	5802	S1523	128
S10K150	2V150	S25A10	6002	S82	116	S217	116	S1001M	5408	S1221	123A	S1525	128
S10K250	2V250	S25B10	5322	S83	116	S218	116	S1001RS3	5413	S1221A	123A	S1526	123A
S10K300	2V300	S25VB10	5322	S84	116	S219	116	S1003LS1	5426 ♦	S1221A	123A	S1527	123A
S10K420	2V420	S25VB20	5322	S84A-1-3P	116	S221	116	S1003LS2	5426	S1221N	312	S1529	123A
S10M1	5808	S25VB40	5324	S85	116	S222	116	S1003LS3	5426	S1222N	312	S1530	123A
S10SC3M	6085	S26	116	S86	116	S223	116	S1003RS2	5454	S1223N	312	S1533	123A
S10SC4M	6085	S28	125	S87	116	S224	116	S1003RS3	5413	S1224N	312	S1552	123A
S10VB10	5313	S30	116	S88B-1-3P	160	S229	5802	S1004F1	5454	S1225N	312	S1559-2	121
S10VB-10	5313	S30-12	318	S88C-1-3P	100	S230	116	S1004F3	5454	S1226	123A	S1559	123A
S10VB20	5313	S30S1S03	6094	S89	116	S232	116	S1004F4	5454	S1226N	312	S1559	123A
S11	177	S30S1S04	6094	S89TB	126A	S233	116	S1006G	5514	S1227	108	S1600	116
S11(Trans)	46	S30S3	6094	S89TB	160	S234	116	S1006G	5514	S1227N	312	S1619	123A
S-12	5802	S30S3A	6094	S89TB	160	S235	116	S1006G	5514	S1230	5804	S1620	123A
S12-1-A-3P	123A	S30S4A	6094	S89TB	160	S236	5802	S1006G	5514	S1231N	312	S1629	123A
S-12A	5802	S30SC3M	6090#	S89TB	126A	S238	116	S1006H	5491	S1232N	312	S1636	108
S12CN1	5808	S30SC4M	6090#	S89TB	126A	S239	116	S1006H	5491	S1233N	312	S1639	102A
S12KC20	6246#	S31	116	S91	116	S240	116	S1006H	5491	S1234N	312	S1639	102A
S12KC20H	6246#	S32(RECT)	116	S91A	5800	S241	116	S1006H	5491	S1235N	312	S1640	160
S12M1	5809	S32(DIODE)	519	S91-A	116	S243	116	S1008G	5514	S1236N(FET)	291	S1642	123A
S13	116	S33	116	S91B	5801	S250	116	S1008H	5491	S1237	292	S1644	128
S13(Trans)	232	S34	506	S91H	116	S251	116	S1008H	5491	S1240	5804	S1671	128
S13A	5804	S-34	506	S92	116	S252	116	S1008H	5491	S1241N	312	S1672	128
S14	116	S35	116	S92-1-A-3P	105	S253	116	S1008H	5491	S1242N	312	S1674A	108
S14(Trans)	232	S35S2	6094	S92A	5800	S254	116	S1008H	5491	S1243N	116	S1682	108
S14A	5804	S36	116	S92-A	116	S255	116	S1008H	5491	S1243N	116	S1689	128
S14A-1-3P	121	S37	5870	S92H	116	S256	116	S1008H	5491	S1245	123A	S1691	130
S14K11	2V010	S38	5870	S93	116	S257	116	S1008H	5491	S1245	123A	S1697	130
S14K14	2V014	S39	5874	S93A	116	S258	125	S1008H	5491	S1246	5806	S1697	123A
S14K17	2V017	S-39T	121	S93H	116	S260	125	S1008H	5491	S1260	5806	S1698	129
S14K20	2V020	S40	116	S93SE133	130	S262	116	S1010G	5514	S1270	5808	S1732	228A
S14K25	2V025	S40A	116	S93SE140	130MP	S262	116	S1010H	5491	S1272	123A	S1761	123A
S14K30	2V030	S40A05	5980	S93SE165	130	S305	130	S1010H	5491	S1276	108	S1761A	123A
S14K35	2V035	S40A1	5986	S94	116	S-305	130	S1010H	5491	S1276	108	S1761B	123A
S14K40	2V040	S40A2	5986	S95	116	S-305A	130	S1010H	5491	S1280	5808	S1761C	123A
S14K50	2V050	S40A3	5990	S-99	519	S305A	130	S1010H	5491	S1286	161	S1762	128
S14K60	2V060	S40A4	5990	S100	125	S305D	130	S1010H	5491	S1286	108	S1764	123A
S14K75	2V075	S40A5	5994	S-100-01	6154†	S-305-PD	130	S1010H	5491	S1290	5809	S1765	123A
S14K95	2V095	S40A6	5994	S-100-02	6154†	S306A	175	S1010H	5491	S1296	108	S1766	123A
S14K130	2V130	S40A8	5998	S-100-03	6154†	S-310E	152	S1010H	5491	S1296	108	S1768	123A
S14K150	2V150	S40A10	6002	S-100-04	6154†	S-320F	129	S1010H	5491	S1298	171	S1769	154
S14K250	2V250	S40T	121	S-100-06	6156†	S353	130	S1015H	5502	S1307	123A	S1770	123A
S14K275	2V275	S40TB	121	S-100-08	6158†	S354	175	S1015H	5502	S1308	107	S1772	123A
S14K300	2V300	S41T	121	S-100-10	6158†	S356	130	S1015H	5502	S1309	123A	S1773	128
S14K420	2V420	S42T	121	S100-12	470	S-356	130	S1015H	5502	S1313	108	S1777	128
S-15	552	S43	116	S100-28	471	S-371	160	S1015H	5502	S1316	108	S1784	123A
S15	552	S-43T	121	S100W	1355	S400	5878	S1020G	5514	S1317	108	S1785	123A
S15A	552	S44	116	S-100W	1355	S409F	128	S1020H	5522	S1318	108	S1801-02	116
S-15C	558	S46	116	S-100WA	1355	S410	5874	S1020H	5522	S1317	108	S1805	123AP
S15S3	6084	S-46T	121	S101	116	S411	5874	S1025C	5534A	S1318	108	S1806	159
S15S4	6084	S47	116	S102	116	S413	5878	S1025D	5562	S1318	108	S1807	123AP
S15SC3M	6090#	S48	116	S103	116	S415	5882	S1025E	5517	S1317	108	S1808	123AP
S15SC4M	6090#	S-48T	121	S104	116	S417	5886	S1025F	5522	S1317	108	S1835	123A
S15VB10	5322	S49	116	S105	116	S420	5874	S1025R	5552	S1318	108	S1836	287
S15VB20	5322	S-49T	121	S105A	5800	S421	5874	S1030	5804	S1318	108	S1837	288
S15VB40	5324	S50	5886	S106	116	S423	5878	S1035C	5534A	S1318	108	S1838	128P
S16	116	S50-12	335	S106A	5454	S425	5882	S1035D	5562	S1348	102A	S1840	287
S16A	116	S50-28	317	S106A1	5454	S427	5886	S1035E	5534A	S1348	102A	S1863	129
S16B	116	S51	5886	S106B	5455	S428	116	S1035F	5542	S1349	102A	S1864	128
S-17	116	S51A	6007	S106B1	5455	S431	116	S1037	108	S1349	102A	S1865	130
S17	116	S51B	6007	S106C	5457	S-437	129	S1037	108	S1350	159	S1871	123A
S17A	116	S51C	6007	S106C1	5457	S-437F	129	S1040	5804	S1350A	159	S1874	128
S-17A	116	S52	5874	S106D	5457	S-500	125	S1041	107	S1360	108	S1889	159
S18	116	S52A	6006	S106D1	5457	S500	106	S1041-16GN	107	S1360	108	S1891	123A
S18A	116	S52B	6006	S106F	5453	S500B	5804	S1041-16GN	107	S1361	108	S1891A	123A
S18B	116	S52C	6006	S106F1	5453	S-500B	116	S1044	108	S1361	108	S1891B	123A
S19	116	S53	5878	S106Q	5452	S-500C	116	S1047	159	S1362	108	S1897	107
S19A	116	S53A	5819 ♦	S106Y	5452	S500C	5804	S1050	108	S1362	108	S1905	130
S19C	5987 ♦	S53B	5819 ♦	S106Y1	5452	S501	107	S1058	108	S1363	123A	S1905A	130
S19D	5989 ♦	S53C	5819 ♦	S107	116	S502	177	S1058	108	S1363	123A	S1907	159
S19E	5991 ♦	S54A	5818 ♦	S107A	5454	S502A	177	S1059	108	S1364	123A	S1948-008	159
S19G	5995 ♦	S54B	5818 ♦	S107A1	5454	S502B	177	S1059	108	S1364	123A	S1954	49
S19J	5999 ♦	S54C	5818 ♦	S107B	5455	S504-O	129	S1060	108	S1366	154	S1955	50
S19L	6003	S55	5882	S107B1	5455	S505-SJ202	B40240	S1060	5806	S1367	159	S1983	129
S20	125	S55TB	126A	S107C	5457	S505-SJ210	B40240	S1061	123A	S1367A	159	S1990	234
S-20-01	5882†	S56	5882	S107C1	5457	S505-SJ425	B40240	S1061	123A	S1368	128	S1993	123A
S-20-02	5886†	S57	5886	S107D	5457	S505-SJ440	B40240	S1066	123A	S1368	128	S1998A	2060
S-20-04	5990†	S58	5886	S107D1	5457	S506	177	S1066	123A	S1373	123A	S1998B	2061#
S-20-06	5994†	S59	5890	S107F	5453	S506A	177	S1068	123A	S1374	123A	S2000	2301#
S-20-08	5994†	S59TB	5890	S107F1	5453	S506B	177	S1068	123A	S1375	49	S2000A	2301#
S-20-10	6002†	S60(Stud)	5890	S107Q	5452	S509	177	S1069	123A	S1376	50	S2001JS2	5455
S20C	5986 ♦	S60(Axial)	116	S107Y	5452	S509A	177	S1070	5808	S1377	5455	S2001JS3	5455
S20E	5988 ♦	S60(Stud)	5890	S107Y1	5452	S509B	177	S1074	123A	S1384	110MP	S2001L	5417
S20G	5990 ♦	S60(Axial)	116	S107Y1	5452	S520	159	S1074F	123A	S1403	123A	S2001LS1	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
S2005	5912	S2125	5920	S2800S	5468	S3615	6054	S4220	6154	S5249B	5078A	S6016R	5556
S2006G	5914	S2128	5920	S2801	165	S3620	6054	S4225	6054	S5250B	5079A	S6020G	5516
S2008H	5492	S2129	5920	S2818	89	S3625	6060	S4230	6154	S5251B	5080A	S6020H	5529
S2008L	5417	S2130	5920	S2818A	89	S3630	6060	S4235	6154	S5252B	5081A	S6020R	5529
S2006LS2	5426	S2131	107	S2824	89	S3635	6060	S4240	6154	S5253B	5082A	S6025C	5534A
S2006LS3	5426	S2132	107	S2935	123A	S3639	159	S4245	6156	S5254B	5083A	S6025D	5566
S2006R	5463	S2133	107	S2944	123A	S3640	6060	S4248	102A	S5255B	5083A	S6025G	5519
S2008G	5514	S2134	107	S2984	123A	S3640A	159	S4249	159	S5256B	5084A	S6025H	5529
S2008H	5492	S2135	5920	S2985	123A	S3645	8064	S4250	6156	S5257B	147A	S6025R	5556
S2008L	5417	S2140	5920	S2986	154	S3650	8064	S4260	6156	S5258B	5085A	S6035C	5534A
S2008LS2	5426	S2140(Rectifier)	5920	S2988	159	S3655	159	S4270	6158	S5259B	5086A	S6035D	5566
S2008LS3	5426	S2145	5924	S2988A	159	S3655A	159	S4280	6158	S5260B	5087A	S6035G	5519
S2008R	5463	S2147-3	2147	S2989	123A	S3660	6064	S4290	6158	S5261B	5088A	S6035H	5547
S2010	5916	S2147-4	2147	S2991	129	S3670	8068	S4305	6154	S5262B	5089A	S6035R	5531
S2010G	5514	S2147-5	2147	S2992	128	S3680	8068	S4310	6154	S5263B	5090A	S6080B	231
S2010H	5492	S2147C-3	2147	S2993	129	S3690	6072	S4315	6154	S5264B	5091A	S6089	230
S2010L	5417	S2147C-4	2147	S2994	129	S3700B	5351	S4320	6154	S5265B	149A	S6142	5424
S2010LS2	5426	S2147C-5	2147	S2995	129	S3700D	5351	S4325	6154	S5266B	5092A	S6142F	5424
S2010LS3	5426	S2147E-3	2147	S2996	123A	S3700M	5351	S4330	6154	S5267B	5093A	S6142FG	5424
S2010R	5552	S2147E-4	2147	S2997	123A	S3702S	231	S4335	6154	S5268B	150A	S6142G	5424
S2012BH	5552	S2147E-5	2147	S2998	123A	S3702SF	231	S4340	6154	S5269B	5094A	S6192	5424
S2012DH	5554	S2147P-3	2147	S2999	123A	S3703SF	230	S4345	6156	S5270B	5095A	S6192F	5424
S2012MH	5556	S2147P-4	2147	S3001	195A	S3704A	231	S4350	6156	S5271B	5096	S6192FG	5424
S2012NH	5558	S2147P-5	2147	S3002	154	S3704B	231	S4360	6156	S5272B	151A	S6192G	5424
S2012R	5552	S2150	5924	S3004	159	S3704D	231	S4370	6158	S5273B	5097A	S6200A	5514
S2015	5916	S2159	108	S3004-1715	137A	S3704M	231	S4380	6158	S5274B	5098A	S6200B	5514
S2015G	5514	S2160	5924	S3004-1716	177	S3704S	231	S4390	6158	S5275B	5099A	S6200D	5515
S2015H	5504	S2170	5928	S3004-1718	137A	S3705	6074	S5000	173B	S5276B	5100A	S6200M	5516
S2015R	5552	S2171	123A	S3006(HEP)	320	S3705M	230	S5001(HEP)	183	S5277B	116	S6321	5424
S2016R	5552	S2172	123A	S3007	351	S3706E	231	S5002(HEP)	183	S5277B	116	S6321F	5424
S2020	5916	S2180	5928	S3008(MOT)	311	S3710	6074	S5003(HEP)	184	S-5277B	116	S6321FG	5424
S2020G	5514	S2190	5932	S3010(HEP)	282B	S3715	6074	S5004(HEP)	182	S5277B(Zener)	5101A	S6321FLC6	5424
S2020H	5524	S-2200-1135	74H04	S3011(HEP)	282B	S3720	6074	S5005(HEP)	183	S5277B	116	S6340G	5424
S2020R	5552	S2209	128	S3011A	605A	S3725	6076	S5006(HEP)	185	S5277G	116	S6340F	5424
S2025	5920	S2224	108	S3012	129	S3730	6076	S5007(HEP)	185	S5278B	5102A	S6340FG	5424
S2025C	5534A	S2225	123A	S3013	311	S3735	6076	S5008(HEP)	183	S5279B	5103A	S6340G	5424
S2025D	5562	S2241	129	S3013(MOT)	311	S3740	6076	S5009(HEP)	183	S5280B	5104A	S6340H	5424
S2025G	5517	S2274	130	S3014(HEP)	311	S3745	6076	S5010(HEP)	183	S5281B	5105A	S6340L	5424
S2025H	5524	S2321	175	S3016	601	S3750	6076	S5011(HEP)	183	S5295	552	S6394GLC6	5424
S2030	5920	S2368	129	S-3016	601	S3760	6076	S5011(HEP)	124	S5295B	552	S6413M	5547
S2034	123A	S2369	128	S3016R	601	S3770	6078	S5012(HEP)	175	S5295C	508	S6420A	5562
S2035	5920	S2370	129	S-3016R	177	S3771	130	S5013(HEP)	175	S5295D	508	S6420M	5566
S2035C	5534A	S2371	128	S3019	108	S3776B	109	S5014(HEP)	175	S5295E	552	S6431M	5547
S2035D	5562	S2392	130	S3020	108	S3780	6078	S5018(HEP)	218	S5295J	552	S6508	6508
S2035G	5517	S2397	123A	S3021(HEP)	191	S3790	6078	S5019(HEP)	175	S5295JFA	552	S6508-1	6508
S2035H	5543	S2398C	129	S3022(HEP)	191	S3800S	308	S5020(HEP)	175	S5295JFA	552	S6508A	6508
S2040	5920	S2400	128	S3023(HEP)	210	S3800SF	310	S5021(HEP)	182	S5305R	6355	S6508A-1	6508
S2041	153	S2400A	128	S3024(HEP)	210	S3838GA	109	S5022(HEP)	159	S5310	6354	S6508AD	6508
S-2041-8661	9944	S2400B	128	S3025(HEP)	210	S3865C	310P	S5023(HEP)	129	S5310R	6355	S6508AD-1	6508
S2042	152	S2401	128	S3026(HEP)	188	S3900E	310P	S5024(HEP)	154	S5315	6354	S6508AE	6508
S2043	123A	S2401A	128	S3027(HEP)	211	S3900MF	310P	S5025(HEP)	154	S5315R	6354	S6508AE-1	6508
S2044	123A	S2401B	128	S3028(HEP)	211	S3900S	310P	S5026(HEP)	154	S5320	6354	S6508AP-1	6508
S2045	5924	S2401C	128	S3029(HEP)	189	S3900SF	310P	S5028A	116	S5320R	6355	S6508D	6508
S2050	5924	S2402	128	S3030(HEP)	109	S3901M	308P	S5101	65101	S5325	6354	S6508D-1	6508
S2054	2302	S2402A	128	S3030G	109	S3901MF	308P	S5101-1	65101	S5325E	6355	S6508E	6508
S2055	2302	S2402B	128	S3031(HEP)	189	S3901S	308P	S5101-2	65101	S5327E	108	S6508E-1	6508
S2055A	2302	S2402C	128	S3032(HEP)	189	S4001	5456	S5101C	65101	S-5328E	108	S6508P	6508
S2056	2301 #	S2403B	130	S3033	154	S4001JS2	5457	S5101C-1	65101	S5328E	108	S6508P-1	6508
S2059	124	S2403C	130	S3034	154	S4001JS3	5457	S5101C-8	65101	S5330	6354	S6800	6800
S2060	5924	S2422	5962	S3035	154	S4001L	5418	S5101E	65101	S5330R	6355	S6800P	6800
S2060A	5437	S2422R	5963	S3042(HEP)	128	S4001LS1	5426	S5101E-1	65101	S5335	6354	S6800T	6800
S2060B	5437	S2423	5962	S3043(HEP)	225	S4001LS2	5426	S5101E-8	65101	S5335R	6355	S6800TP	6800
S2060C	5437	S2423R	5963	S3045(HEP)	295	S4001LS3	5426	S5101P	65101	S5340	6354	S6801	123A
S2060D	5438	S2424	5962	S3048(HEP)	295	S4001M	5409	S5101P-1	65101	S5340R	6355	S6802	6802
S2060E	5438	S2424R	5963	S3052(HEP)	325	S4002	161	S5101P-8	65101	S5345	6356	S6802P	6802
S2060F	5437	S2425	5962	S3072	601	S4003	116	S5105	6354	S5345R	6357	S6802T	6802
S2060M	5438	S2425R	5963	S3072C	177	S4003L	5418	S5105R	6355	S5350	6356	S6802TP	6802
S2060Q	5437	S2426	5962	S3073	610	S4003LS1	5426	S5110	6354	S5350R	6357	S6804	128
S2060Y	5437	S2426R	5963	S3105	5980	S4003LS2	5426	S5110R	6355	S5360	6356	S6809	6809
S2061A	5437	S2427	128	S3110	5982	S4003LS3	5426	S5115	6354	S5360R	6357	S6809C	6809
S2061B	5437	S2427(RECT)	5966	S3115	5986	S4003M	5409	S5115R	6355	S5370	6358	S6809D	6809
S2061C	5437	S2434	5940	S3120	5986	S4003RS2	5457	S5120	6354	S5370R	6359	S6809E	6809E
S2061D	5457	S2434R	5944	S3125	5988	S4003RS3	5457	S5120R	6355	S5380	6358	S6809EC	6809E
S2061E	5438	S2435	5944	S3130	5988	S4004F1	5457	S5125	6354	S5380R	6359	S6809F	6809F
S2061F	5437	S2435R	5945	S3135	5990	S4004F2	5457	S5125R	6355	S5390	6358	S6809G	6809G
S2061M	5438	S2436	5944	S3140	5990	S4004F3	5457	S5130	6354	S5390R	6359	S6809H	6809H
S2061Q	5437	S2436R	5945	S3145	5992	S4004F4	5457	S5130R	6355	S5400F	7400	S6809N	6809
S2061Y	5437	S2437	5949	S3150	5994	S4006G	5515	S5135	6354	S5472	157	S6809P	6809
S2062A	5437	S2437R	5949	S3160	5994	S4006H	5494	S5135R	6355	S5500B	116	S6810	6810
S2062B	5437	S2438	5948	S3170	5998	S4006L	5418	S5140	6354	S5500D	116	S6810A	6810
S2062C	5437	S2438R	5949	S3180	5998	S4006LS2	5426	S5140R	6355	S5500G	116	S6810AP	6810
S2062D	5438	S2439	5952	S3190	6002	S4006LS3	5426	S5145	6356	S5506B	116	S6810AW	6810
S2062E	5438	S2439R	5953	S3205	5980	S4006R	5465	S5145R	6357	S5566G	116	S6810AWP	6810
S2062F	5437	S2440	5953	S3210	5982	S4008G	5515	S5150	6356	S5566J	116	S6810P	6810
S2062M	5438	S2487	128	S3215	5986	S4008H	5494	S5150R	6357	S5566N	125	S6821	6821
S2062Q	5437	S2525	159	S3220	5986	S4008L	5418	S5160	6356	S5670E	108	S6821P	6821
S2062Y	5437	S2526	128	S3225	5988	S4008LS2	5426	S5160R	6357	S-5670-E	108	S6821TP	6821
S-2064-G	519	S2527	175	S3230	5988	S4008LS3	5426	S5170	6358	S5800-B	5424	S6850	6850
S2070	5928	S2530	283	S3235	5990	S4008R	5465	S5170R	6359	S5800-C	5424	S6850P	6850
S2080	5928												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
S9101	253	S31100	6002	S99252	157	SA415	159	SA10109203	A40240	SB5122	126A	SC60F	5681
S9101(IC)	705A	S32100	6002	S326690	108	SA415A	159	SA10109206	A40240	SB5A089	1690	SC60F13	5681
S9101(HEP)	253	S32669	108	SA416	102	SA416	159	SA10109208	A40240	SBEB05	166	SC63	102A
S9102	257	S33291	129	S503100	6358	SA416A	159	SA10109210	A40240	SBEB1	166	SC63	102A
S9120(HEP)	232	S33866	124	S503110	6362	SA495	106	SA10109212	A40240	SBEB2	166	SC65	123A
S9121	254	S33866A	129	S503120	6362	SA495A	106	SA10109225	A40240	SBEB4	168	SC65	123A
S9122	258	S34100	6044	S504100	6358	SA496	106	SA10109245	A40240	SBEB6	169	SC66	102A
S9140	243	S34540	123A	S504110	6362	SA496A	106	SA10109403	A25480	SBP1020T	6085	SC66	102A
S9140(HEP)	243	S35486	180	S504120	6362	SA496B	106	SA10109406	A25480	SBP1030T	6085	SC68	102A
S9140(IC)	705A	S35487	181	S1948008	159	SA529	102A	SA10109408	A25480	SBP1035T	6085	SC68	102A
S9141	244	S36100	6072	S1977634	130	SA532N	928M	SA10109410	A25480	SBP1040T	6085	SC69	102A
S9141(HEP)	244	S36833	128	S2041635	102A	SA532T	928	SA10109412	A25480	SBP1620T	6087	SC69	102A
S9141(IC)	705A	S36999	123A	S2042634	103A	SA534A	987	SA10109425	A25480	SBP1630T	6087	SC70	121
S9303-01	9930	S37100	6078	S6660121-808	184	SA534F	987	SA10109425	A25480	SBP1635T	6087	SC70	121
S9303-03	9930	S37110	6078	SA1M1	5801	SA534N	987	SA10109425	A25480	SBP1640T	6087	SC71	160
S9308F	8308	S37120	6078	SA-2	117A	SA537	106	SA10109425	A25480	SBP1645T	6087	SC71	160
S9313-01	9931	S38404	64	SA2	116	SA538	106	SA10109425	A25480	SBP3020P	6090	SC72	160
S9313-03	9931	SA2024	161	SA-2A	117A	SA539	106	SA10109425	A25480	SBP3030P	6090	SC72	160
S9314F	8314	SA2025	154	SA-2B	117A	SA550	106	SA10109425	A25480	SBP3035P	6090	SC73	102A
S9316F	8316	SA40545	107	SA2B	116	SA555N	955M	SA10109425	A25480	SBP3040P	6090	SC73	102A
S9323-01	9932	S42100	6158	SA-2C	117A	SA565	106	SA10109425	A25480	SBP3045P	6090	SC74	160
S9323-03	9932	S42110	6162	SA2M1	5802	SA646	102A	SA10109425	A25480	SBP3050P	6090	SC74	160
S9333-01	9933	S42120	6162	SA2Z	125	SA681	106	SA10109425	A25480	SBP3055P	6090	SC74	160
S9333-03	9933	S42130	6162	SA2Z	117A	SA723CN	923D	SA10109425	A25480	SBP3060P	6090	SC74	160
S9441-03	9944	S42140	6162	SA3B	116	SA821	137A	SA10109425	A25480	SBP3065P	6090	SC74	160
S9443-01	9944	S43100	6158	SA3M1	5804	SA821A	137A	SA10109425	A25480	SBP3070P	6090	SC74	160
S9443-03	9944	S43110	6162	SA5M1	5806	SA823	137A	SA10109425	A25480	SBP3075P	6090	SC74	160
S9453-01	9945	S43120	6162	SA6M1	5806	SA823A	137A	SA10109425	A25480	SBP3080P	6090	SC74	160
S9453-03	9945	S43130	6162	SA7	101	SA825	137A	SA10109425	A25480	SBP3085P	6090	SC74	160
S9463-01	9946	S43140	6162	SA7-7	101	SA825A	137A	SA10109425	A25480	SBP3090P	6090	SC74	160
S9463-03	9946	S-50240W	2042S	SA7-3	361	SA827	137A	SA10109425	A25480	SBP3095P	6090	SC74	160
S9483-01	9948	S-50242W	2043	SA7-10	363	SA827A	137A	SA10109425	A25480	SBP3100P	6090	SC74	160
S9483-03	9948	S-50305	6354	SA7-17	360	SA829	137A	SA10109425	A25480	SBP3105P	6090	SC74	160
S9602F	9602	S-50310	6354	SA7-24	362	SA829A	137A	SA10109425	A25480	SBP3110P	6090	SC74	160
S9623-01	9962	S-50315	6354	SA7-31	359	SA853	102A	SA10109425	A25480	SBP3115P	6090	SC74	160
S9623-03	9962	S-50320	6354	SA8-1 A-3P	160	SA3993	543	SA10109425	A25480	SBP3120P	6090	SC74	160
S9631	123A	S-50325	6354	SA8M1	5808	SA3993A	543	SA10109425	A25480	SBP3125P	6090	SC74	160
S10100	506	S-50330	6354	SA10M1	5809	SA7805CDA	931	SA10109425	A25480	SBP3130P	6090	SC74	160
S10110	506	S-50335	6354	SA12A05	5340	SA7805C	931	SA10109425	A25480	SBP3135P	6090	SC74	160
S10120	506	S-50340	6354	SA12A10	5340	SA7812CDA	933	SA10109425	A25480	SBP3140P	6090	SC74	160
S10149	116(4)	S-50345	6356	SA12A20	5340	SA7812CU	966	SA10109425	A25480	SBP3145P	6090	SC74	160
S10153	115	S-50350	6356	SA12A40	5342	SA-93792	177	SA10109425	A25480	SBP3150P	6090	SC74	160
S12020-04	152	S-50355	6356	SA12A60	5342	SA-93794	139A	SA10109425	A25480	SBP3155P	6090	SC74	160
S12100	5809	S-50370	6358	SA12A80	5344	SA-607010M	401B	SA10109425	A25480	SBP3160P	6090	SC74	160
S12110	506	S-50380	6358	SA12A1000	5344	SA-607012CK	4081B	SA10109425	A25480	SBP3165P	6090	SC74	160
S12120	506	S-50390	6358	SA15V	102A	SA-607012T	4017B	SA10109425	A25480	SBP3170P	6090	SC74	160
S12130	506	S-50405	6354	SA29	159	SA10014103	B40240	SA10109425	A25480	SBP3175P	6090	SC74	160
S12140	506	S-50410	6354	SA29B	159	SA10014106	B40240	SA10109425	A25480	SBP3180P	6090	SC74	160
S13551M	309K	S-50415	6354	SA33BRN	102A	SA10014108	B40240	SA10109425	A25480	SBP3185P	6090	SC74	160
S15161-18F(Lncln)	5556	S-50420	6354	SA33RED	102A	SA10014110	B40240	SA10109425	A25480	SBP3190P	6090	SC74	160
S-15161-18F(Lncln)	5556	S-50425	6354	SA50	159	SA10014112	B40240	SA10109425	A25480	SBP3195P	6090	SC74	160
S15649	123A	S-50430	6354	SA50A	159	SA10014115	B40240	SA10109425	A25480	SBP3200P	6090	SC74	160
S15650	161	S-50435	6354	SA51	159	SA10014118	B40240	SA10109425	A25480	SBP3205P	6090	SC74	160
S15657	161	S-50440	6354	SA52	159	SA10014120	B40240	SA10109425	A25480	SBP3210P	6090	SC74	160
S15658	161	S-50445	6356	SA52A	159	SA10014122	B40240	SA10109425	A25480	SBP3215P	6090	SC74	160
S15659	161	S-50450	6356	SA52AC	159	SA10014125	B40240	SA10109425	A25480	SBP3220P	6090	SC74	160
S15680	128	S-50460	6356	SA52B	159	SA10014128	B40240	SA10109425	A25480	SBP3225P	6090	SC74	160
S17074	113A	S-50470	6358	SA52BC	159	SA10014130	B40240	SA10109425	A25480	SBP3230P	6090	SC74	160
S17862	154	S-50480	6358	SA53	159	SA10014132	B40240	SA10109425	A25480	SBP3235P	6090	SC74	160
S17900	128	S-50490	6358	SA53A	159	SA10014135	B40240	SA10109425	A25480	SBP3240P	6090	SC74	160
S18000	128	S-51100	6358	SA54	159	SA10014138	B40240	SA10109425	A25480	SBP3245P	6090	SC74	160
S18100	159	S-51100R	6358	SA55	159	SA10014140	B40240	SA10109425	A25480	SBP3250P	6090	SC74	160
S18200	128	S-51100R	6358	SA55A	159	SA10014142	B40240	SA10109425	A25480	SBP3255P	6090	SC74	160
S19386	128	S-51100R	6358	SA56	159	SA10014145	B40240	SA10109425	A25480	SBP3260P	6090	SC74	160
S20100	5910	S-51100R	6362	SA56A	159	SA10014148	B40240	SA10109425	A25480	SBP3265P	6090	SC74	160
S20405	5870	S-51120	6362	SA70	159	SA10014150	B40240	SA10109425	A25480	SBP3270P	6090	SC74	160
S20410	5874	S-51300	6362	SA70A	159	SA10014152	B40240	SA10109425	A25480	SBP3275P	6090	SC74	160
S20415	5874	S-51340	6362	SA78HV05CDA	931	SA10029103	B40240	SA10109425	A25480	SBP3280P	6090	SC74	160
S20420	5874	S-51794	124	SA78HV12CDA	933	SA10029106	A40240	SA10109425	A25480	SBP3285P	6090	SC74	160
S20425	5878	S-567809	121	SA78HV12CU	966	SA10029108	A40240	SA10109425	A25480	SBP3290P	6090	SC74	160
S20430	5878	S-58432	2312	SA78MHV12CU	966	SA10029110	A40240	SA10109425	A25480	SBP3295P	6090	SC74	160
S20435	5878	S-58565	501B	SA78V05CU	960	SA10029112	A40240	SA10109425	A25480	SBP3300P	6090	SC74	160
S20440	5878	S-58570	500A	SA102	126A	SA10029125	A40240	SA10109425	A25480	SBP3305P	6090	SC74	160
S20445	195A	S-58571	500A	SA128	102A	SA10029145	A40240	SA10109425	A25480	SBP3310P	6090	SC74	160
S20445(RECT)	5882	S-58576	112	SA128-1	102A	SA10029203	A40240	SA10109425	A25480	SBP3315P	6090	SC74	160
S20446	237	S-95101	126A	SA197	102A	SA10029206	A40240	SA10109425	A25480	SBP3320P	6090	SC74	160
S-20446	195A	S-95101	160	SA197-1	102A	SA10029208	A40240	SA10109425	A25480	SBP3325P	6090	SC74	160
S20450	5882	S-95102	126A	SA197-2	102A	SA10029210	A40240	SA10109425	A25480	SBP3330P	6090	SC74	160
S20460	5882	S-95102	160	SA197-3	102A	SA10029212	A40240	SA10109425	A25480	SBP3335P	6090	SC74	160
S21100	5932	S-95103	126A	SA204	102A	SA10029225	A40240	SA10109425	A25480	SBP3340P	6090	SC74	160
S21271	109	S-95103	160	SA205BLU	102A	SA10029245	A40240	SA10109425	A25480	SBP3345P	6090	SC74	160
S21271	109	S-95104	160	SA205BRN	102A	SA10029303	A40240	SA10109425	A25480	SBP3350P	6090	SC74	160
S21520	175	S-95106	160	SA205GRN	102A	SA10029406	A25480	SA10109425	A25480	SBP3355P	6090	SC74	160
S21549	128	S-95125	108	SA205ORN	102A	SA10029408	A25480	SA10109425	A25480	SBP			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SC146E1	5637	SC250E4	5679	SC1631	116	SCA14	5314	SCA4033AE	4033B	SCA4582AE	40182B	SD-1A4F	506
SC146E3	5637	SC250E5	5679	SC1631(GE)	116	SCA16	5315	SCA4034	4034B	SCA4582BE	40182B	SD-1AHF	507
SC146E4	5637	SC250E13	5677	SC1940G	70	SCB3E	5324	SCA4034ABE	4034B	SCA4584B	40106B	SD-1AUF	577
SC146E5	5637	SC250M2	56026	SC2000	76	SCB32	5322	SCA4034ABE	4034B	SCA4584BC	40106B	SD-1B	558
SC146E6	5637	SC250M3	56026	SC2308	289A	SCBA05	5322	SCA4035	4035B	SCA4584BE	40106B	SD-1BHF	506
SC146F	5631	SC250M4	5679	SC2600	77	SCBA-1	5322	SCA4035AE	4035B	SCA4585BE	4585B	SD-1C	506
SC146F1	5631	SC251B5	5679	SC2914	725	SCBA1	5322	SCA4035BE	4035B	SCA40174AE	40174B	SD1C	125
SC146F2	5631	SC251B	5688	SC2914P	725	SCBA2	5322	SCA4040ABE	4040B	SCA40174BE	40174B	SD-1C-4F	116
SC146F3	5631	SC251B4	5679	SC4004	124	SCBA-2	5322	SCA4040AE	4040B	SCM5101	65101	SD1CUF	116
SC146F4	5631	SC251D	5689	SC4004	124	SCBA-4	5324	SCA4041UBE	4041	SCM5101C	65101	SD-1C-UF	116
SC146F5	5631	SC251D4	5679	SC4010	123A	SCBA4	5324	SCA4042AE	4042B	SCM5101C-1	65101	SD-1CUF	116
SC146F6	5631	SC251E	5690	SC4044	123A	SCBA6	5326	SCA4042BE	4042B	SCM5101C-3	65101	SD1DM-4	116
SC146M	5637	SC251M	5690	SC4044	123A	SCBA-6	5326	SCA4043ABE	4043B	SCM5101C-8	65101	SD1HF	116
SC147	123AP	SC260B	5693	SC4073	410/103A	SCBA-8	5327	SCA4043BE	4043B	SCM5101D	65101	SD-1HF	116
SC147A	123AP	SC260B2	56022	SC4116	116	SCBE05	5322	SCA4044	4044B	SCM5101D-1	65101	SD-1K188FM	109
SC147B	123AP	SC260B3	56022	SC-4131	124	SCBE1	5322	SCA4044ABE	4044B	SCM5101D-3	65101	SD-1L	116
SC147B(TRIAC)	5645	SC260B4	5679	SC4131	411/128	SCBE2	5322	SCA4044BE	4044B	SCM5101D-8	65101	SD1L	116
SC147D	5645	SC260B5	5679	SC4131-1	411/128	SCBE3	5324	SCA4046	4046B	SCM5101E	65101	SD1-LA	116
SC147E	5645	SC260D	5695	SC4131-1	124	SCBE4	5324	SCA4046B	4046B	SCM5101E-1	65101	SD1-LA	116
SC147M	5645	SC260D2	56024	SC4133	184	SCBE6	5326	SCA4046BC	4046B	SCM5101E-3	65101	SD-1N34A	109
SC148	123AP	SC260D3	56024	SC4167	411/128	SCBR05F	125	SCA4046BD	4046B	SCM5101E-8	65101	SD-1N60	110MP
SC148A	123AP	SC260D4	5679	SC-4167	124	SCBR1F	125	SCA4047BE	4047B	SCMA500	522	SD-1N60P	110MP
SC148B	123AP	SC260D5	5679	SC-4244	123A	SCBR6	156	SCA4049UBE	4049	SCMA600	500A	SD-1N90S	109
SC148C	123AP	SC260E	5697	SC4244	411/128	SCBR6F	125	SCA4050BE	4050B	SCMA600	536A	SD-1N95	519
SC149	123AP	SC260E2	56026	SC4274	131	SCBR10	156	SCA4051BE	4051B	SCMA10496	563	SD1P60XXXXFXT	109
SC149B	56004	SC260E3	56026	SC4303	152	SCD250M	5677	SCA4052BE	4052B	SCMA10496A	563	SD-1S34	109
SC149B(TRIAC)	56004	SC260E4	5679	SC4303-1	152	SCD11B1	3084	SCA4053	4053B	SCMW-10	5468	SD-1S1525	177
SC149C	123AP	SC260E5	5679	SC4303-2	152	SCD11B2	3084	SCA4053BE	4053B	SCMW-12	5468	SD-1S1925	112
SC149D	56006	SC260M	5697	SC4308	152	SCD11B3	3084	SCA4060	4060B	SCMW-13	5468	SD-1S1925	112
SC149E	56008	SC260M2	56026	SC5116L	725	SCD255	3083	SCA4060ABE	4060B	SCO5	116	SD-1S2339	610
SC149M	56008	SC260M3	56026	SC5116P	725	SCD-1062013	9158	SCA4060AE	4060B	SCOE5	116	SD-1S2692	555
SC150	56006	SC260M4	5679	SC5118P	720	SCD T320	130	SCA4063	4063B	SCPE5	116	SD-1SS151	112
SC151B	56004	SC260M5	5679	SC5150P	735	SCD T322	123A	SCA4066	4066B	SCR-01	5481	SD-1SV58	616
SC151D	56006	SC261B	5688	SC5150R	735	SCD T326	159	SCA4066BE	4066B	SCR-01-B	5481	SD-1SV70	616
SC151E	56008	SC261B4	5679	SC5170	993	SCD T330	152	SCA4068BE	4068B	SCR01C	5481	SD-1SV70	616
SC151M	56008	SC261D	5689	SC5172P	719	SCD T334	153	SCA4069UBE	4069	SCR-02	5483	SD-1SV124	610
SC160B	5679	SC261D4	5679	SC5175G	941	SCDT323	123A	SCA4070BE	4070B	SCR-02-C	5483	SD-1UF	116
SC160D	5679	SC261E	5690	SC5177P	718	SCD1	116	SCA4071AE	4071B	SCR02C	5483	SD-1UHF	506
SC160F	5679	SC261M	5690	SC5182P	718	SCD2	116	SCA4071BE	4071B	SCR15	5481	SD-1X	116
SC174	123AP	SC265B	5693	SC5199P	720	SCD4	116	SCA4071E	4071B	SCR-03-C	5521	SD1X	116
SC174A	123AP	SC265B2	56022	SC5204P	798	SCD6	116	SCA4072	4072B	SCR-04	5504	SD1Y	116
SC174B	123AP	SC265B3	56022	SC5221P	755	SCD8	125	SCA4072AE	4072B	SCR-04-C	5524	SD1Z	116
SC206	123AP	SC265B3X50	56022	SC5245P	748A	SCD10	125	SCA4072BE	4072B	SCR04C	5504	SD1ZHF	116
SC215	5916	SC265B4	5679	SC5279P	779A	SCF40501	755	SCA4073AE	4073B	SCR15	5401	SD2	125
SC240B	5673	SC265B5	5679	SC5282P	817	SC(SCR)	230	SCA4073AE	4073B	SCR55	5481	SD2	125
SC240B2	56022	SC265D	5695	SC5425P	748A	SCI(PHILCO)	230	SCA4073BE	4073B	SCR102	5502	SD-2	116
SC240B3	56022	SC265D2	56024	SC5740PQ	722	SC44191005	128	SCA4075AE	4075B	SCR102(Elcom)	5522	SD-2A	116
SC240B4	5679	SC265D3	56024	SC5741P	720	SC444103053	128	SCA4075BE	4075B	SCR104	5423	SD2B	125
SC240B5	5679	SC265D3X50	56024	SC5743P	722	SC444204037	129	SCA4076	4076B	SCR104(ELCOM)	5402	SD2C	125
SC240B13	5673	SC265D4	5679	SC5747	799	SC444291004	129	SCA4076B	4076B	SCR108	5402	SD-2N5062	5402
SC240D	5675	SC265D5	5679	SC8705P	722	SCIT310YXXXX	613	SCA4077BE	4077B	SCR108(Elcom)	5402	SD3	5076A
SC240D2	56024	SC265E	5697	SC8707	7828	SCIT310YXXXX	614	SCA4077B	4077B	SCR118	5483	SD-3	116
SC240D3	56024	SC265E2	56026	SC8707P	7828	SC1-11Z	544	SCA4078BE	4078B	SCR118(Elcom)	5483	SD4(DUAL)	113A
SC240D4	5679	SC265E3	56026	SC8718	748A	SC1-11Z2B	544	SCA4081AE	4081B	SCR122(Elcom)	5514	SD5	116
SC240D5	5679	SC265E3X50	56026	SC8718P	748A	SC1-12	543	SCA4081BE	4081B	SCR200	5404	SD-5	177
SC240D13	5675	SC265E4	5679	SC8744	748A	SC14000	4000	SCA4082BE	4082B	SCR202	5504	SD5(DUAL)	114
SC240E	5677	SC265E5	5679	SC8780P	853	SC14000AE	4000	SCA4085BE	4085B	SCR202(Elcom)	5504	SD5(Philco)	177
SC240E2	56026	SC265M	5697	SC9314P	718	SC14000BE	4000	SCA4085B	4085B	SCR204	5444	SD6	116
SC240E3	56026	SC265M2	56026	SC9426P	722	SC14000B	4000	SCA4089B	4089B	SCR207	5504	SD-6	135A
SC240E4	5679	SC265M3	56026	SC9430P	747	SC14001AE	4001B	SCA4093BE	4093B	SCR207(Elcom)	5492	SD6(dual)	5802
SC240E5	5679	SC265M3X50	56026	SC9431P	749	SC14001BE	4001B	SCA4094B	4094B	SCR208	5504	SD-6AUF	125
SC240E13	5677	SC265M4	5679	SC9436P	712	SC14002AE	4002B	SCA4094B	4094B	SCR208(Elcom)	5504	SD7	5808
SC240M	5677	SC265M5	5679	SC9455P	722	SC14002BE	4002B	SCA4094B	4094B	SCR218	5404	SD7	125
SC240M2	56026	SC266B	5688	SC9536P	779	SC14006ABE	4006B	SCA4099B	4099B	SCR218(Elcom)	5404	SD-7(Philco)	178MP
SC240M3	56026	SC266D	5689	SC9537P	779A	SC14006ABE	4006B	SCA4160B	40160B	SCR222(Elcom)	5514	SD8	125
SC240M4	5679	SC266E	5690	SC9578P	814A6	SC14006BE	4006B	SCA4160BE	40160B	SCR255	5541	SD-8(Rectifier)	5808
SC240M5	5679	SC266M	5690	SC9961P	989A	SC14007UBE	4007	SCA4161B	40161B	SCR255	5507	SD-8(Zener)	5072A
SC241B	5688	SC305	116	SC9963P	989A	SC14008BE	4008B	SCA4161BE	40161B	SCR402(Elcom)	5527	SD-8(Philco)	139A
SC241D	5689	SC350	123A	SC9964P	9878	SC14008BE	4008B	SCA4162B	40162B	SCR404(Elcom)	5457	SD-11	5077A
SC241E	5690	SC365	129	SC9965P	9889	SC14009UBE	4009	SCA4162BE	40162B	SCR408	5507	SD-12	109
SC241M	5690	SC400Y	124	SC17063L	725	SC14010BE	4010B	SCA4163B	40163B	SCR408(Elcom)	5485	SD12	109
SC245B	5673	SC441	198	SC20575	703	SC14011AE	4011B	SCA4163BE	40163B	SCR422(Elcom)	5515	SD12(Philco)	177
SC245B2	56022	SC5150P	755	SC2222P	831	SC14011BE	4011B	SCA4174B	40174B	SCR502	5501	SD12B	109
SC245B3	56022	SC609	237	SC2502P	991	SC14012AE	4012B	SCA4174BE	40174B	SCR502(Elcom)	5521	SD12E	109
SC245B4	5679	SC727	124	SC42663P	991	SC14012BE	4012B	SCA4192B	40192B	SCR505	5487	SD12M	109
SC245B5	5679	SC727	124	SC70230P	747	SC14013AE	4013B	SCA4192BE	40192B	SCR505(ELCOM)	5487	SD13	116
SC245B13	5673	SC741T	941	SC70231P	748	SC14013BE	4013B	SCA4193B	40193B	SCR508	5501	SD-13	116
SC245D	5675	SC777	124	SC71109P	793	SC14014AE	4014B	SCA4193BE	40193B	SCR508(Elcom)	5481	SD-13(Philco)	109
SC245D2	56024	SC786	123	SC71288P	2030	SC14014BE	4014B	SCA4449UB	4049	SCR520	5483	SD14	109
SC245D3	56024	SC786	161	SC74087P	8319	SC14015AE	4015B	SCA4449UBE	4049	SCR538	5444	SD-14	109
SC245D4	5679	SC821	137A	SCA05	116	SC14015BE	4015B	SCA4502BE	4502B	SCR504(Elcom)	5448	SD-15	139A
SC245D5	5679	SC821A	137A	SCA1	116	SC14016BE	4016B	SCA4508BE	4508B	SCR605(Elcom)	5513	SD15	109
SC245D13	5677	SC823	137A	SCA2	116	SC14017AE	4017B	SCA4510B	4510B	SCR608(Elcom)	5487	SD15(ZENER)	5183A
SC245E	5677	SC823A	137A	SCA3	116	SC14017BE	4017B	SCA4510AE	4510B	SCR613	5444	SD16	109
SC245E2	56026	SC825											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SD-46-2	109	SD1020	311	SD-ERC26-13	506	SDT3579	218	SDT9902	284	SE3001Y	108	SE8540	129
SD-46-2	109	SD1023	186	SD-FV1043	610	SDT3701	153	SDT9903	284	SE-3002	108	SE8541	129
SD-46-4	109	SD1065-1M	473	SDGMA01XXXXT	519	SDT3702	153	SDT9904	284	SE3002	161	SE8542	129
SD-46R	110MP	SD1069	350	SDGPD48	610	SDT3703	153	SDT9930A	387	SE3003	108	SE9002	130
SD-49	5071A	SD1074	318	SDGPE6	612	SDT3704	153	SDT652	282S	SE3005	161	SE9020	162
SD-49	5071A	SD1076	335	SDGPE24	611	SDT3706	153	SD-W005M	5304	SE-3005	108	SE9080	130
SD-51	112	SD1077	329	SDGZA033XXXX	5005A	SDT3707	153	SD-W04	167	SE-3019	108	SE9300	263
SD-51	112	SD1080	346	SDGZA056YXXXX	5011T1	SDT3708	153	SD-Y	116	SE3019	161	SE9301	263
SD-51(Motorola)	6094	SD1080(TO-39)	346	SDGZA062YXXXX	5013T1	SDT3709	153	SE0	125	SE3030	162	SE9302	263
SD-51(TRW)	6094	SD1087	365	SDGZA100XXXX	5019T1	SDT3710	153	SE-0.5A	5804	SE3031	162	SE9303	245
SD-53	142A	SD1088	366	SDH-2	109	SDT3711	153	SE-0.5B	116	SE3032	280	SE9304	245
SD-56	109	SD1089	367	SD-HV23GBL	600	SDT3712	153	SE05	116	SE3033	130	SE9305	97
SD-56	109	SD1089(YEL)	484	SDI445	153	SDT3713	153	SE-05	116	SE-3033	130	SE9400	264
SD-60	109	SD1089A	367	SDJ345	152	SDT3715	153	SE-05-01	116	SE3034	224	SE9401	264
SD-60	109	SD1089	484	SDJ445	153	SDT3716	153	SE-05-2	117A	SE-3034	224	SE9500	152
SD-80	116	SD1089(YEL)	484	SDK345	152	SDT3717	153	SE-05A	116	SE3035	130	SE9560	218
SD-80	116	SD1101(RECT)	116	SDK445	153	SDT3720	153	SE05A	5804	SE3036	130	SE9561	218
SD-82	112	SD1102(RECT)	116	SDL345	152	SDT3721	153	SE05B	116	SE3040	384	SE9562	218
SD-82A	112	SD1103(RECT)	116	SDL445	152	SDT3722	153	SE-05C	156	SE3041	384	SE9563	218
SD-82A	112	SD1104(RECT)	116	SDM345	152	SDT3725	153	SE05C	125	SE-3646	123A	SE40022	121
SD-82AG	112	SD1124	352	SDM445	153	SDT3726	153	SE05D	116	SE3819	312	SE-40022	121
SD-91	116	SD1127	341	SDM4001	249	SDT3727	153	SE05S	116	SE-4001	123A	SE50399	127
SD-91	5800	SD1131	361	SDM4002	249	SDT3729	153	SE05SS	116	SE4001	123A	SEC1078	192
SD-91A	5802	SD1133	350	SDM4003	249	SDT3730	153	SE-05X	116	SE-4002	123A	SEC1079	192
SD-91A	116	SD1134	362	SDM4004	249	SDT3733	153	SE-0566	123A	SE4002	123A	SEC1477	192
SD-91S	5802	SD1134-1	472	SDM4005	249	SDT4301	282S	SE05-01	116	SE4010	123A	SEC1479	192
SD-91S	116	SD1135	363	SDM4006	249	SDT4302	282S	SE-1.5A	156	SE-4010	123A	SEL10	3052
SD-92	5802	SD1136	364	SDM4010	247	SDT4304	282S	SE-2	116	SE4020	123A	SEL11	3056
SD-92	116	SD1143	338	SDM5001	251	SDT4305	282S	SE-5	116	SE4021	161	SEL1120R	3166
SD-92A	116	SD1144	362	SDM5002	251	SDT4306	282S	SE5-0127	199	SE4022	161	SEL1320G	3167
SD-92A	5802	SD1145	363	SDM5003	251	SDT4307	282S	SE5-0128	123A	SE4172	123A	SEL1720Y	3168
SD-92S	5802	SD1146	364	SDM5004	251	SDT4308	282S	SE5-0247-C	519	SE-5001	108	SELEN-26	113A
SD-92S	116	SD1167	337	SDM5005	251	SDT4309	282S	SE5-0249	161	SE5001	161	SELEN-30	502
SD-93	5804	SD1168	338	SDM5006	251	SDT4310	282S	SE5-0250	161	SE5002	161	SELEN-38	113A
SD-93	5804	SD1169	339	SDM5010	98	SDT4311	282S	SE5-0253	123A	SE-5002	108	SELEN-40	505
SD-93A	116	SD1200	311	SDM5011	98	SDT4312	282S	SE5-0274	123A	SE5003	161	SELEN-42	120
SD-93A	5804	SD1212-4	78	SDM5012	98	SDT5001	282S	SE5-0366	194	SE-5003	108	SELEN-44	166
SD-93S	116	SD1214-7	474	SDM5013	98	SDT5006	282S	SE5-0367	123A	SE5004	161	SELEN-48	119
SD-94	116	SD1214-11	79	SDM21301	271	SDT5012	153	SE5-0370	199	SE-5006	123A	SELEN-52	503
SD-94	5804	SD1214-11	79	SDM21302	244	SDT5112	153	SE5-0399	127	SE5006	108	SELEN-58	502
SD-94A	5804	SD1216	351	SDM21303	271	SDT5501	282S	SE-5-0399	127	SE-5006-14	108	SELEN-70	506
SD-94A	116	SD1218	351	SDM21311	246	SDT5503	282S	SE5-0452	128	SE5010	108	SELEN-92	506
SD-94AB	116	SD1224	360	SDM21312	246	SDT5504	282S	SE5-0456	519	SE5015	108	SELEN-97	116
SD-94AB	116	SD1229	351	SDN201	261	SDT5506	282S	SE5-0565	199	SE5020	161	SEN2A1	166
SD-94B	116	SD1244	359	SDN345	152	SDT5507	282S	SE5-0567	123A	SE-5020	108	SEN2A2	167
SD-94S	116	SD1244-6	359	SDN401	274	SDT5508	282S	SE5-0569	199	SE-5021	108	SEN2A4	168
SD-95	116	SD1270	472	SDN445	153	SDT5509	282S	SE5-0608	123A	SE5021	161	SEN2A6	169
SD-95	116	SD1272	345	SDN501	263	SDT6001	152	SE5-0618	123AP	SE5022	161	SEN2A8	170
SD-95A	116	SD1279	356	SDN601	263	SDT6011	152	SE5-0745	194	SE5023	161	SEN2A10	170
SD-95A	116	SD1281	353	SDN6000	98	SDT6013	152	SE5-0798	159	SE5023	161	SES632	130
SD-96	116	SD1283	354	SDN6060	98	SDT6031	152	SE-5-0819	102	SE5024	161	SES881	130
SD-96A	116	SD1285	354	SDN6061	98	SDT6103	152	SE5-0831	159	SE5025	229	SES8819	312
SD-96S	116	SD1288	336	SDN6062	98	SDT6901	384	SE5-0848	123A	SE-5025	161	SES5401C	6240
SD-98	125	SD1289	333	SDN6251	98	SDT6905	384	SE5-0854	123A	SE5029	108	SES5402C	6240
SD-98A	125	SD1290	339	SDN6252	98	SDT7011	73	SE5-0855	123A	SE5030	108	SES5403C	6240
SD-98S	125	SD1300	316	SDN6253	98	SDT7012	73	SE5-0887	123A	SE5030A	123A	SF0R1B42(GAK)	5402
SD-100	177	SD1301	316	SDN22311	97	SDT7013	73	SE5-0888	123A	SE5030B	123A	SF0R1D42(GAK)	5404
SD-101	5804	SD1315	77	SDN22312	97	SDT7014	73	SE5-0909	234	SE5031	161	SF0R1G42(GAK)	5405
SD-101	116	SD1345(AUDIO)	152	SDN22313	97	SDT7015	73	SE5-0938-54	199	SE5032	108	SF0R2B41	5404
SD-102	116	SD1347-7	329	SDP251	262	SDT7016	73	SE5-0938-55	199	SE5035	161	SF0R2B41	5402
SD-103	116	SD1398	2302	SDP451	275	SDT7140	73	SE5-0938-56	199	SE5036	108	SF0R2B41(GAK)	5402
SD-104	116	SD1405	471	SDS-113	116	SDT7141	73	SE5-0938-57	199	SE5040	108	SF0R2D41	5404
SD-105	139A	SD1407	471	SDS-113	116	SDT7150	73	SE5-0949	159	SE5050	161	SF0R2D41(GAK)	5404
SD-109	123A	SD1410	481	SDS-113	116	SDT7151	73	SE5-0958	128	SE5050	108	SF0R2G41	5405
SD-109	123A	SD1410-12M	481	SDS240	161	SDT7152	73	SE5-0963	152	SE5051	161	SF0R2G41(GAK)	5405
SD-110	177	SD1412	483	SDS420	161	SDT7154	73	SE5-0966	152	SE5052	161	SF0R3B42(GAK)	5402
SD-110	177	SD1412-14M	483	SDT401	162	SDT7155	73	SE5-0966	152	SE5055	319P	SF0R3D42(GAK)	5402
SD-111	612	SD1416	352	SDT402	162	SDT7401	282S	SE5-0966	177	SE5056	108	SF0R3G42(GAK)	5405
SD-113	614	SD1418	482	SDT402	162	SDT7411	282S	SE5-0966	312	SE5315	123A	SF0R3J42(GAK)	5406
SD-113TA	614	SD1421	485	SDT410	162	SDT7414	282S	SE5-1057	159	SE5315	222	SF1	506
SD-115	612	SD1428	477	SDT410	94	SDT7417	282S	SE5-1223	159	SE5450	3028	SF-1	525
SD-115	612	SD1429	365	SDT411	94	SDT7418	282S	SE5-1223	116	SE5450-1	3028	SF1A11	5412
SD-116	611	SD1433	364	SDT411	94	SDT7511	152	SE5-1223	116	SE5450-2	3028	SF1A11A	5412
SD-116	612	SD1434	367	SDT413	283	SDT7512	152	SE5-1223	116	SE5450-3	3028	SF1A11A	5412
SD-117	610	SD1444	361	SDT413	162	SDT7514	152	SE5-1223	116	SE5450-3	3028	SF1B11A	5413
SD-150	109	SD1445(AUDIO)	153	SDT423	385	SDT7515	152	SE5-1223	116	SE5451-1	3028	SF1B11A	5413
SD-165	177	SD1451	318	SDT423	163A	SDT8002	152	SE5-1223	116	SE5451-2	3028	SF1C1N1	125
SD-201	116	SD1451-1	318	SDT424	389	SDT8003	71	SE5-1223	116	SE5451-3	3028	SF1D11	5414
SD-201	116	SD1451-2	318	SDT430	385	SDT8012	71	SE5-1223	116	SE5451-3	3028	SF1D11A	5414
SD-202	116	SD1477	478	SDT431	385	SDT8013	71	SE5-1223	116	SE5451-3	3028	SF1R3A1	5454
SD-282A	112	SD1477-28	478	SDT445	153	SDT8015	71	SE5-1223	116	SE5451-3	3028	SF1R3D41	5455
SD-301M	5408	SD1484	346	SDT522	283	SDT8016	71	SE5-1223	116	SE5451-3	3028	SF1R3G41	5457
SD-345	152	SD1487	470	SDT527	283	SDT8045	71	SE5-1223	116	SE5451-3	3028	SF1RG41	5457
SD-404	112	SD1488	480	SDT532	283	SDT8070	71	SE5-1223	116	SE5451-3	3028	SF2B41	5454
SD-445	153	SD5400-1	3036	SDT537	283	SDT8071	71	SE5-1223	116	SE5451-3	3028	SF2G41	5457
SD-470	116	SD5400-2	3036	SDT542	283	SDT8301	70	SE5-1223	116	SE5451-3	3028	SF3B12	5482
SD-500	177	SD5400-3	3036	SDT547	283	SDT8302	70	SE5-1223	116	SE5451-3	3028	SF3B14	5511
SD-500C	116	SD5400-3	3036	SDT1051	283	SDT8303	70	SE5-1223	116	SE5451-3	3028	SF3C1N1	5482

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
SF6	125	SFB8183	116	SFR255	116	SF.T317	160	SG340P-18	958	SG7918ACP	959	SI3152P	1938
SFB841	5462	SFB8970	222	SFR256	116	SFT318	126A	SG340P-24	972	SG7918CK	1923	SI-3152P	1938
SFB841	5463	SFC0025	775	SFR258	125	SFT318	102	SG350K	970	SG7918CP	959	SI-3242P	1940
SFB841	5465	SFC400E	7400	SFR264	116	SFT319	126A	SG353-05K	931	SG7924CK	1925	SI-3554M	931
SFB841	5466	SFC401E	7401	SFR266	116	SFT319	160	SG353K-12	933	SG9150	177	SI-7607AP	1545
SF10A11	5501	SFC402E	7402	SFR268	125	SFT319	100	SG505	116	SG9150	177	SI-74145	7445
SF10B11	5502	SFC403	7403	SFT104	109	SFT320	160	SG555CM	955M	SGDECB7812-06	966	SI-74145N	7445N
SF10B11	5522	SFC408E	7408	SFT108	108	SFT320	126A	SG556CN	978	SGI2403R	6244	SIB0-1	116
SF10B13	5502	SFC409E	7409	SFT120	160	SFT320	126A	SG608	276	SGI2403R	6244	SIB01	116
SF10C11	5504	SFC410E	7410	SFT121	158	SFT321	102A	SG608AA	276	SGI2404R	6244	SIB01-01	552
SF10D11	5504	SFC420E	7420	SFT122	158	SFT321	158	SG609	279A	SGI2404R	6244	SIB01-01V	552
SF10D12	5524	SFC426E	7426	SFT123	158	SFT322	158	SG609-3	279A	SGI2404R	6244	SIB01-02	116
SF10D13	5504	SFC430E	7430	SFT124	158	SFT322	102A	SG-613	276	SGI2404R	6244	SIB01-02	552
SF10E11	5507	SFC437E	7437	SFT124	158	SFT322	102A	SG613	276	SGI2404R	6244	SIB01-02E	116
SF10F11	5507	SFC438E	7438	SFT125	158	SFT323	102A	SG613-1	276	SGI2404R	6244	SIB01-04	552
SF10F12	5527	SFC440E	7440	SFT125P	158	SFT323	102A	SG613-2	276	SGI2404R	6244	SIB01-06B	116
SF10F13	5507	SFC442E	7442	SFT130	158	SFT325	410/158	SG613-3	276	SGI2404R	6244	SIB01-06B	116
SF10G11	5507	SFC450E	7450	SFT130	158	SFT327	102A	SG709CN	980	SGI2404R	6244	SIB01-022	116
SF10G12	5527	SFC451E	7451	SFT131	158	SFT327	102A	SG710C	909	SGI2404R	6244	SIB01-2	116
SF10G13	5507	SFC453E	7453	SFT131P	158	SFT337	102A	SG710CD	910D	SGI2404R	6244	SIB02-03CR	116
SF10H11	5509	SFC454E	7454	SFT131P	158	SFT337	102A	SG710CN	910D	SGI2404R	6244	SIB02-03CR	116
SF10H11	5529	SFC460E	7460	SFT143	158	SFT337	102A	SG710CT	910	SGI2404R	6244	SIB02-03CR	116
SF10H12	5529	SFC472E	7472	SFT144	158	SFT337B	102A	SG711CD	911D	SGI2404R	6244	SIB02-03CR	116
SF10H13	5509	SFC473E	7473	SFT145	158	SFT337V	102A	SG711CN	911D	SGI2404R	6244	SIB02-03CR	116
SF10L11	5531	SFC474E	7474	SFT146	158	SFT351	158	SG711CT	911	SGI2404R	6244	SIB02-03CR	116
SF10L12	5531	SFC475E	7475	SFT151	102A	SFT351	102A	SG723CD	923D	SGI2404R	6244	SIB02-03CR	116
SF10L13	5531	SFC476E	7476	SFT152	102A	SFT352	102A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF10Z11	5501	SFC485E	7485	SFT162	160	SFT352	158	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF11	587	SFC486E	7486	SFT163	160	SFT352	102A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF12	587	SFC492E	7492	SFT163	160	SFT353	102A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF13	587	SFC1710CP	910D	SFT163	160	SFT353	102A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF14	587	SFC2046	912	SFT171	160	SFT353	176	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16A11	5521	SFC2109RM	931	SFT171	160	SFT354	126A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16B11	5522	SFC2209R	931	SFT172	100	SFT354	126A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16B12	5522	SFC2301A	1171	SFT172	100	SFT357	126A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16B13	5522	SFC2309R	931	SFT173	100	SFT357	126A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16B14	5552	SFC2458DC	778A	SFT173	160	SFT357	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16C11	5524	SFC2709C	909	SFT174	160	SFT357P	126A	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16D11	5524	SFC2709E	909D	SFT174	160	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16D12	5524	SFC2710C	910	SFT184	101	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16D13	5524	SFC2711C	911	SFT184	103A	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16D14	5552	SFC2711E	911D	SFT184	154	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16E11	5527	SFC2741C	941	SFT186	154	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16F11	5527	SFC2741E	941D	SFT187	171	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16F12	5527	SFC2748C	1171	SFT187	171	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16F13	5527	SFC2748M	1171	SFT190	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16G11	5527	SFC2805EC	960	SFT191	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16G12	5527	SFC2805RC	309K	SFT192	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16G13	5527	SFC2806EC	962	SFT192	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16G14	5554	SFC2806EC	964	SFT212	127	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16H11	5529	SFC2812EC	966	SFT212	127	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16H12	5529	SFC2812RC	933	SFT213	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16H13	5529	SFC2815EC	968	SFT214	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16H14	5529	SFC2824EC	972	SFT214	127	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16L11	5531	SFC4041	OBS-NLA	SFT221	158	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16L12	5531	SFC4050	755	SFT221	102	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16L13	5531	SFC4052	755	SFT221A	102A	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF16Z11	5521	SFC4107E	74107	SFT222	102	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF21	588	SFC4122E	74122	SFT222	102A	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF22	588	SFC4122E	74122	SFT222A	102A	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF23	588	SFC4123E	74123	SFT223	158	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF24	588	SFC4141E	74141	SFT223	158	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF31	588	SFC4154E	74154	SFT223	158	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF32	588	SFC4155E	74155	SFT227	102	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF33	588	SFC4156E	74156	SFT227	100	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF34	588	SFC4180E	74180	SFT228	100	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF50D12	5567	SFC4181E	74181	SFT229	100	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF50G12	5568	SFC4182E	74182	SFT229	100	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF50J12	5568	SFC4193E	74193	SFT232	102A	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF50L12	5569	SFC4193E	74193	SFT237	100	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF50N12	5569	SFC6032	723	SFT238	127	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF80D15	5570	SFC6050	7678	SFT238	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF80G15	5572	SFC6051G	7678	SFT239	127	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF80J15	5572	SFC6055	OBS-NLA	SFT239	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF80L13	5574	SFC6060	768	SFT240	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF80N13	5574	SFC8999	222	SFT240	127	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF80Q13	5574	SFD-23	129	SFT241	158	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF100G21	5591	SFD-23	129	SFT242	158	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF100J21	5591	SFD83	177	SFT243	158	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF100L21	5592	SFD107	109	SFT250	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF100N21	5592	SFD112	109	SFT250	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF100O21	5592	SFD182	519	SFT250	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF126D	126	SFD285	222	SFT250	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF150G15	5582	SFE145	312	SFT250	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF150J15	5582	SFE145	312	SFT250	121	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF150L13	5584	SFE303	221	SFT253	100	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF150N13	5584	SFE303-424	222	SFT253	102A	SFT358	160	SG723CN	923D	SGI2404R	6244	SIB02-03CR	116
SF150Q13	5584	SFE425	222	SFT259	101	SFT358	160	SG723CN	923D	SGI2404R			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SIH31-12	61631	SIPT125A	56022	SI-RECT-044	116	SI-UPC1360C	1520	SJ3519	181	SJE515	152	SK74LS174	74LS174
SIH31-12R	61622	SIPT125AB	56022	SI-RECT-2	116	SJ051A	5940	SJ3520	219	SJE516	182	SK74LS175	74LS175
SI-HA1128	712	SIPT125B	56022	SI-RECT-2.5	116	SJ051E	116	SJ3521	130	SJE517	183	SK74LS191	74LS191
SI-HA11235	1550	SIPT125BC	56022	SI-RECT-25	116	SJ051F	116	SJ3522	180	SJE527	184	SK74LS194	74LS194A
SI-HA11580	1196	SIPT125C	56022	SI-RECT-27	116	SJ052A	5940	SJ3527	180	SJE583	184	SK74LS195	74LS195A
SI-HD14011BP	4011B	SIPT130	56022	SI-RECT-33	116	SJ052E	116	SJ3528	175	SJE584	185	SK74LS221	74LS221
SIH3N06XXXX	832	SIPT130A	56022	SI-RECT-34	116	SJ052F	116	SJ3529	130	SJE607	185	SK74LS240	74LS240
SIH3N06XXXX	832	SIPT130B	56022	SI-RECT-35	177	SJ053E	5850	SJ3579	219	SJE608	184	SK74LS245	74LS245
SIL31-01B	63541	SIPT130BC	56022	SI-RECT-36	116	SJ053EK	5870	SJ3580	175	SJE633	185	SK74LS253	74LS253
						SJ053F	5800	SJ4140	284	SJE634	184	SK74LS257	74LS257
SIL31-03	63551	SIPT130C	56022	SI-RECT-37	116	SJ053K	5850	SJ4155K	252	SJE649	184	SK74LS259	74LS259
SIL31-03R	63541	SIPT140	56022	SI-RECT-39	116	SJ054E	5870	SJ4353	130	SJE667	184	SK74LS266	74LS266
SIL31-06R	63571	SIPT140A	56022	SI-RECT-44	506	SJ054EK	5870	SJ4700	246	SJE669	184	SK74LS273	74LS273
SIL31-10	63591	SIPT140AB	56022	SI-RECT-48	116	SJ054F	5870	SJ4800	385	SJE712	183	SK74LS280	74LS280
		SIPT140B	56022	SI-RECT-48	116	SJ60F	116	SJ4810	283	SJE719	197	SK74LS298	74LS298
SIL31-10R	63581	SIPT140BC	56022	SI-RECT-49	116	SJ101A	5834	SJ5196	162	SJE721	184	SK74LS367	74LS367
SIL31-12R	63631	SIPT140C	56022	SI-RECT-53	116	SJ101F	116	SJ5257	385	SJE723	185	SK74LS373	74LS373
SIL200	116	SIPT1225A	56022	SI-RECT-59	116	SJ102A	5834	SJ5286	250	SJE724	184	SK74LS377	74LS377
SIL200	116	SIPT225AB	56022	SI-RECT-69	116	SJ102E	116	SJ5287	249	SJE736	185	SK74LS393	74LS393
						SJ103E	5854	SJ5291	130	SJE737	184	SK74S500	74S500
SIL4018	4018B	SIPT225B	56022	SI-RECT-73	116	SJ103EK	5874	SJ5461	130	SJE743	185	SK74S504	74S504
SIL4022	4022B	SIPT225BC	56022	SI-RECT-74	116	SJ103F	5801	SJ5475	124	SJE764	180	SK74S511	74S511
SIL4035	4035B	SIPT225C	56022	SI-RECT-75	116	SJ103K	5854	SJ5525	164	SJE768	185	SK74S520	74S520
SIL4043	4043B	SIPT230	56022	SI-RECT-77	116	SJ104E	5874	SJ5526	165	SJE769	184	SK74S522	74S522
SIL4044	4044B	SIPT230A	56022	SI-RECT-84	116	SJ104EK	5874	SJ5569	182	SJE781	184	SK74S574	74S574
SIL4046	4046B	SIPT230AB	56022	SI-RECT-92	116	SJ104K	5870	SJ5844	284	SJE783	152	SK74S586	74S586
SIL4053	4053B	SIPT230C	56022	SI-RECT-92	116	SJ130	124	SJ5844K	284	SJE784	184	SK74S5112	74S5112
SIL4060	4060B	SIPT230BC	56022	SI-RECT-94	116	SJ201F	5834	SJ6343	388	SJE785	184	SK74S5174	74S5174
SIL4072	4072B	SIPT230C	56022	SI-RECT-100	116	SJ202A	5834	SJ6344	386	SJE797	185	SK84LS193	74LS193
SIL4073	4073B	SIPT240	56022	SI-RECT-102	116	SJ202F	116	SJ6357	284	SJE799	185	SK107-4	312
SIL4075	4075B	SIPT240A	56022	SI-RECT-102	116	SJ203E	5854	SJ6369	60	SJE801	184	SK-218	116
SIL4078	4078B	SIPT240AB	56022	SI-RECT-102A	125	SJ203F	5854	SJ7269	283	SJE802	157	SK218	116
SIL4098	4098B	SIPT240B	56022	SI-RECT-110	156(4)	SJ203K	5874	SJ7280	52	SJE1032	190	SK342	904
SIL4510	4510B	SIPT240BC	56022	SI-RECT-110/SB-3F	116	SJ203F	5874	SJ7343K	249	SJE1349	331	SK814	8063
SIL4511	4511B	SIPT240C	56022	SI-RECT-112	156(4)	SJ203K	5854	SJ8165K	130	SJE1459	182	SK821	8070
SIL4514	4514B	SIPT325	56024	SI-RECT-112/SB-3	156	SJ204E	5870	SJ8701	130	SJE1518	185	SK827	8076
SIL4515	4515B	SIPT325A	56024	SI-RECT-114	506	SJ204EK	5874	SJ9017	60	SJE1519	184	SK832	8081
SIL4516	4516B	SIPT325AB	56024	SI-RECT-122	506	SJ204F	5874	SJ9018	61	SJE1520	184	SK836	8085
SILC4001BXXXX	4001B	SIPT325B	56024	SI-RECT-124	506	SJ285	116	SJ9018	61	SJE1601	331	SK841	8090
SILC4069UBXXXX	4069	SIPT325BC	56024	SI-RECT-136	125	SJ301F	116	SJ9110	130	SJE2003	182	SK847	8096
SILC40992XXXX	1691	SIPT325C	56024	SI-RECT-140/1R-6	137A	SJ302F	116	SJ9282	68	SJE3754	157	SK849	8098
SILM3933N	943M	SIPT330	56024	SI-RECT-140/TR6S	5070	SJ302EK	5878	SJ10003EK	5890	SJE5018	182	SK854	8103
SILM3933P	943M	SIPT330A	56024	SI-RECT-144	116	SJ401F	116	SJ10003EK	5890	SJE5019	182	SK859	8108
SILM3065N	712	SIPT330AB	56024	SI-RECT-152	177	SJ402F	116	SJ1001	184	SJE5020	182	SK866	8115
SILM8560BXXXX	2062	SIPT330B	56024	SI-RECT-154	116	SJ403F	5804	SJ103	190	SJE5038	186	SK869	8118
SI-M51358P	1545	SIPT330BC	56024	SI-RECT-155	116	SJ404EK	5878	SJ106	184	SJE5340	262	SK876	8125
SI-MC1352P	749	SIPT330C	56024	SI-RECT-156	116	SJ501F	123A	SJ108	185	SJE5402	186	SK890	8139
SI-MC1353P	1080	SIPT340	56024	SI-RECT-162	506	SJ570	116	SJ112	185	SJE5402	184	SK900	8149
SI-MC1358P	712	SIPT340A	56024	SI-RECT-168	5010A	SJ570	116	SJ113	185	SJE5439	241	SK901	8213
SI-MC1364P	783	SIPT340AB	56024	SI-RECT-170	506	SJ601F	116	SJ113	185	SJE5439	241	SK914	8226
SI-MC14011BCP	4011B	SIPT340B	56024	SI-RECT-174	113A	SJ603	5882	SJ114	185	SJE5441	241	SK930	8242
SIN01-01	61071	SIPT340BC	56024	SI-RECT-178	115	SJ603E	5882	SJ114	185	SJE5442	242	SK948	8167
SIN01-01R	61061	SIPT340C	56024	SI-RECT-178B	115	SJ603EK	5882	SJ114	185	SJE5472-1	184	SK952	8181
SIN01-03	61071	SIPT425	56024	SI-RECT-178BF	113A	SJ603F	5806	SJ114	185	SJE5517	184	SK1320	108
SIN01-03R	61061	SIPT425A	56024	SI-RECT-180	506	SJ603K	5882	SJ114	185	SJE7078	2315	SK1639	159
SIN01-06	61071	SIPT425AB	56024	SI-RECT-204	125	SJ604	5882	SJ210	185	SK01	125	SK1639D	159
SIN01-06R	61061	SIPT425B	56024	SI-RECT-206	506	SJ604E	5882	SJ210	185	SK04	125	SK1640	159
SIN01-10	61071	SIPT425C	56024	SI-RECT-208	156	SJ604EK	5882	SJ211	185	SK08	125	SK1640A	123A
SIN01-10R	61061	SIPT425BC	56024	SI-RECT-218	116	SJ604K	5882	SJ220	182	SK08	125	SK1640A	123A
SIN01-12	61071	SIPT430	56024	SI-RECT-222	116	SJ619	130	SJ220	185	SK08	125	SK1640A	123A
SIN01-12R	61061	SIPT430A	56024	SI-RECT-224	506	SJ619	130	SJ221	185	SK1FM	116	SK1700	716
SIPS08	5562	SIPT430AB	56024	SI-RECT-226	116	SJ619	130	SJ222	184	SK1K-2	116	SK1856	159
SIPS010	5562	SIPT430B	56024	SI-RECT-228	142A	SJ652	218	SJ227	185	SK1K-8	116	SK1856A	159
SIPS020	5562	SIPT430BC	56024	SI-RECT-230	142A	SJ803F	5808	SJ228	184	SK1K-8	116	SK2000	3000
SIPS025	5562	SIPT430C	56024	SIRM-2C	125	SJ805	124	SJ229	184	SK1R-7	116	SK2002	3001
						SJ806	124	SJ231	185	SK1W50	5089A	SK2002	3002
SIPS035	5562	SIPT440	56024	SIR-RECT-44	116	SJ811	175	SJ232	157	SK1W55	5090A	SK2003	3003
SIPS18	5562	SIPT440A	56024	SIS20	109	SJ820	130	SJ237	184	SK1W55	148A	SK2004	3004
SIPS28	5562	SIPT440AB	56024	SISC141C	5635	SJ821	219	SJ241	185	SK1W50	109	SK2005	3005
SIPS38	5564	SIPT440B	56024	SISC141D	5635	SJ822	218	SJ242	184	SK7	101	SK2007	3007
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SIPS58	5566	SIPT440C	56024	SISC141M	5637	SJ1000F	5809	SJ244	184	SK19	312	SK2008	3008
SIPS68	5566	SIPT525	56026	SISC143C	5635	SJ1003F	56	SJ245	185	SK20V	5081A	SK2009	3009
SIPS110	5562	SIPT525A	56026	SISC143D	5635	SJ1106	130	SJ246	184	SK24H00	74H00	SK2010	3010
SIPS120	5562	SIPT525AB	56026	SISC143E	5637	SJ1152	153	SJ248	184	SK74H04	74H04	SK2011	3011
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SIPS210	5562	SIPT525C	56026	SISC146D	5635	SJ1172	175	SJ255	184	SK74LS03	74LS03	SK2020	3020
SIPS220	5562	SIPT530	56026	SISC146E	5637	SJ1201	124	SJ256	185	SK74LS04	74LS04	SK2021	3021
SIPS225	5562	SIPT530A	56026	SISC146M	5637	SJ1272	180	SJ257	185	SK74LS05	74LS05	SK2022	3022
SIPS235	5562	SIPT530AB	56026	SISC149C	56006	SJ1284	153	SJ261	184	SK74LS08	74LS08	SK2023	3023
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SIPS320	5564	SIPT530BC	56026	SISC149E	56008	SJ1470	130	SJ263	180	SK74LS12	74LS12	SK2025	3025
SIPS325	5564	SIPT530C	56026	SISC149M	56008	SJ1902	247	SJ265	185	SK74LS14	74LS14	SK2026	3026
SIPS335	5564	SIPT540	56026	SISC149N	56010	SJ1903	248	SJ267	185	SK74LS16	74LS16	SK2027	3027
SIPS410	5564	SIPT540A	56026	SISC149S	56010	SJ1936	249	SJ271	184	SK74LS26	74LS26	SK2031	3031
SIPS420	5564	SIPT540AB	56026	SISD-1	506	SJ1937	250	SJ272	184	SK74LS27	74LS27	SK2032	3032
SIPS425	5564	SIPT540B	56026										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SK2078	3078	SK3081	125	SK3188	241	SK3309	539	SK3431	5165A	SK3572	5463	SK3712	1208
SK2079	3079	SK3082	226	SK3188A	331	SK3310	538	SK3432	5166A	SK3573	5466	SK3713	1207S
SK2083	3083	SK3083	197	SK3189	242	SK3311	116	SK3433	287	SK3574	5554	SK3714	1200
SK2084	3084	SK3084	197	SK3189A	332	SK3312	116	SK3434	288	SK3575	5554	SK3716	161
SK2087	3087	SK3085	197	SK3190	184	SK3313	116	SK3434A	123A	SK3576	5556	SK3719	104
SK2111	3111	SK3086	226MP	SK3191	185	SK3315	507	SK3435	1028	SK3577	5427	SK3720	104MP
SK2112	3112	SK3087	109	SK3192	186	SK3315A	507	SK3436	1028	SK3578	5428	SK3721	100
SK2113	3113	SK3088	109	SK3193	187	SK3316A	552	SK3440	291	SK3579	5504	SK3722	102
SK2114	3114	SK3089	112	SK3194	286	SK3317A	552	SK3441	292	SK3580	5507	SK3723	1005
SK2115	3115	SK3090	109	SK3195	311	SK3318A	506	SK3442	308P	SK3581	5543	SK3724	981
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SK2117	3117	SK3092	141A	SK3198	131	SK3323	610	SK3444	123A	SK3583	5561	SK3726	1278
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SK2151	3151	SK3094	144A	SK3200	189	SK3325	612	SK3446	1097	SK3585	5562	SK3728	1168
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SK2154	3154	SK3097	149A	SK3203	211	SK3328	740A	SK3451	807	SK3591	960	SK3731	1243
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SK2161	3161	SK3099	151A	SK3205	982	SK3329	524V15	SK3453	742	SK3593	969	SK3733	1187
SK2162	3162	SK3100	519	SK3206	836	SK3330	5066A	SK3454	790	SK3595	989	SK3734	806
SK2163	3163	SK3101	706	SK3207	818	SK3331	5067A	SK3455	804	SK3596	976	SK3735	1216
SK2164	3164	SK3102	710	SK3208	843	SK3332	5068A	SK3457	1054	SK3597	5455	SK3736	1214
SK2165	3165	SK3103	396	SK3210	1176S	SK3333	5069A	SK3458	1056	SK3598	5457	SK3737	1179
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SK2167	3167	SK3104	228A	SK3212	1175	SK3335	5079A	SK3460	1060	SK3600	5854	SK3739	1211
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SK2604	159	SK3106	5304	SK3215	783	SK3338	5086A	SK3463	601	SK3603	5878	SK3742	1187
SK2604A	159	SK3107	5307	SK3216	798	SK3339	5087A	SK3464	300	SK3604	5878	SK3743	1187
SK2716	2716	SK3108	505	SK3217	388	SK3340	5088A	SK3465	778A	SK3605	5948	SK3744	1260
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SK3014	121	SK3123	176	SK3232	191	SK3357	186A	SK3482	1205	SK3631	5623	SK3840	131MP
SK3015	121MP	SK3124	289A	SK3233	973	SK3358	1006	SK3484	1194	SK3632	5633	SK3841	294
SK3016	116	SK3124A	289A	SK3234	746	SK3359	281	SK3485	1142	SK3633	5626	SK3842	558
SK3017	117A	SK3125	525	SK3235	739	SK3360	280MP	SK3486	1194	SK3634	5444	SK3843	321
SK3017A	116	SK3127	515	SK3236	748A	SK3361	1041	SK3487	1234	SK3635	5446	SK3845	176
SK3017B	116	SK3128	515	SK3237	795	SK3362	1040	SK3488	1128	SK3636	5448	SK3849	293
SK3018	316	SK3129	726	SK3238	799	SK3363	1043	SK3489	1134	SK3637	1235	SK3852	1232
SK3019	316	SK3130	506	SK3239	236	SK3364	1660	SK3490	1133	SK3638	5815	SK3853	1374
SK3020	123	SK3131	369	SK3240	779A	SK3365	1009	SK3491	1011	SK3639	5815	SK3854	123AP
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SK3023	704	SK3132	233	SK3242	816	SK3367	1042	SK3494	1055	SK3642	179	SK3859	252
SK3024	128	SK3133	164	SK3243	1160	SK3368	1029	SK3495	1074	SK3643	987	SK3860	265
SK3025	129	SK3134	705A	SK3244	287	SK3369	1035	SK3496	1073	SK3644	975	SK3861	101
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SK3029	130MP	SK3136	5072A	SK3246A	228	SK3371	1037	SK3498	1078S	SK3647	167	SK3863	600
SK3030	116	SK3137	192A	SK3247	234	SK3372	1030S	SK3499	1009	SK3648	168	SK3864	605A
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SK3032	125	SK3141	780	SK3250	315	SK3377	511A	SK3502	5513	SK3651	5342	SK3866A	31
SK3032A	125	SK3142	5075A	SK3251	306	SK3378	5112A	SK3503	5410	SK3652	5693	SK3867A	32
SK3033	125	SK3143	730	SK3252	302	SK3379	5113A	SK3504	5529	SK3653	5518	SK3868	HiDiv-1
SK3033A	125	SK3144	723	SK3253	295	SK3380	5114A	SK3505	5547	SK3654	5519	SK3869	HiDiv-2
SK3034	127	SK3144A	723	SK3254	789S	SK3381	5115A	SK3506	5552	SK3655	5562	SK3870	HiDiv-3
SK3035	127	SK3145	5077A	SK3255	815	SK3382	5116A	SK3507	56006	SK3656	5564	SK3871	HiDiv-4
SK3036	181	SK3146	787	SK3256	152	SK3383	5117A	SK3508	5675	SK3657	5566	SK3872	1261
SK3037	181(2)	SK3147	788	SK3260	284	SK3384	5118A	SK3509	5695	SK3658	56004	SK3873	1256
SK3038	123	SK3148	146A	SK3261	175	SK3385	5119A	SK3510	130	SK3659	56006	SK3874	1170
SK3039	136	SK3149	791	SK3262	129	SK3386	5120A	SK3511	181	SK3660	56008	SK3875	1291
SK3040	154	SK3150	5084A	SK3263	128	SK3387	5121A	SK3512	282S	SK3661	56022	SK3876	1135
SK3041	152	SK3151	5081A	SK3264	128	SK3388	5122A	SK3513	129	SK3662	56024	SK3877	1075A
SK3042	230	SK3152	1024	SK3266	324	SK3389	5123A	SK3514	941	SK3663	56026	SK3878	1245
SK3043	515	SK3153	1027	SK3267	323	SK3390	5124A	SK3515	5806	SK3664	5602	SK3879	1246
SK3044	396	SK3154	1323	SK3268	385	SK3391	5125A	SK3516	5847	SK3665	5603	SK3880	1254
SK3045	225	SK3155	1025	SK3269	388	SK3392	5126A	SK3517	5883	SK3666	5605	SK3881	1528
SK3046	129A	SK3156	1026	SK3270	284	SK3393	5127A	SK3518	5995	SK3667	2024	SK3882	821
SK3047	128	SK3157	703	SK3272	152	SK3394	5128A	SK3519	5653	SK3668	922M	SK3884	1536
SK3047A	128	SK3158	797	SK3273	241	SK3395	5129A	SK3520	5677	SK3669	962	SK3885	1437
SK3048	195A	SK3159	718	SK3274	153	SK3396	5130A	SK3521	5697	SK3670	972	SK3887	983
SK3049	224	SK3160	801	SK3275	128	SK3397	5131A	SK3522	5697	SK3671	961	SK3888	1180
SK3050	222	SK3161	722	SK3276	745	SK3398	5132A	SK3524	784	SK3672	963	SK3889	1228
SK3051	131	SK3162	725	SK3277	802	SK3399	5133A	SK3525	724	SK3673	967	SK3890	1150
SK3052	136	SK3163	736	SK3278	803	SK3400	5134A	SK3526	947	SK3674	969	SK3891	829
SK3053	397	SK3164	923	SK3279	747	SK3401	5135A	SK3528	397	SK3675	971	SK3892	973D
SK3054	136	SK3165	923D	SK3280	750	SK3402	5136A	SK3533	5635	SK3676	5305	SK3893	152
SK3055	134A	SK3166	949	SK3281	1103	SK3403	5137A	SK3535	181	SK3677	5306	SK3894	384
SK3056	135A	SK3167											

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SK3928	819S	SK5001	581	SK7048	5848	SK7440	7440	SK9015	1417	SK9164	451	SK9306	541
SK3929	375	SK5002	552	SK7049	5849	SK7442	7442	SK9016	1416	SK9165	2388	SK9307	542
SK3930	398	SK5003	506	SK7051	5851	SK7445	7445	SK9017	927	SK9166	938	SK9308	543
SK3931	90	SK5006	156	SK7055	5855	SK7447	7447	SK9018	1405	SK9167	938M	SK9311	1296
SK3932	91	SK5010	156	SK7059	5859	SK7451	7451	SK9019	2022	SK9168	965	SK9312	1490
SK3933	380	SK5012	506	SK7063	5863	SK7454	7454	SK9020	2021	SK9169	950	SK9313	1395
SK3934	381	SK5028	5329	SK7066	5866	SK7473	7473	SK9025	702	SK9170	951	SK9314	1289
SK3935	270	SK5030	5330	SK7067	5867	SK7474	7474	SK9026	701	SK9171	940S	SK9315	1417
SK3936	271	SK5032	580	SK7068	5868	SK7475	7475	SK9027	849	SK9172	997	SK9320	1532
SK3937	56004	SK5036	580	SK7069	5869	SK7476	7476	SK9028	700	SK9173	948	SK9321	1496
SK3938	56004	SK5131	56004	SK7074	6074	SK7485	7485	SK9030	830S	SK9174	925	SK9322	1468
SK3939	56008	SK5137	56008	SK7075	6075	SK7486	7486	SK9031	284	SK9175	910	SK9323	941S
SK3940	5481	SK5173	5673	SK7076	6076	SK7490	7490	SK9032	285	SK9176	910D	SK9324	1663
SK3941	5482	SK5176	5677	SK7077	6077	SK7493	7493A	SK9033	60	SK9177	909	SK9325	1674
SK3942	5483	SK5184A	124	SK7078	6078	SK7494	7494	SK9034	61	SK9178	846	SK9326	1414
SK3943	5485	SK5237	5437	SK7079	6079	SK7495	7495	SK9037	5317	SK9179	615A	SK9328	358
SK3944	5487	SK5238	5438	SK7086	5886	SK7600	1423	SK9038	346	SK9180	1420	SK9329	358A
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SK3946	385	SK5550	5650	SK7090	5890	SK7602	1591	SK9040	387	SK9183	1290	SK9331	1914
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SK3948	247	SK5552	5652	SK7092	5892	SK7604	1525	SK9042	374	SK9186	1388	SK9333	970
SK3949	248	SK5555	5655	SK7093	5893	SK7605	1557	SK9043	1520	SK9187	1445	SK9334	1913
SK3950	5415	SK5556	5656	SK7096	5896	SK7606	1650	SK9045	1412	SK9188	1479	SK9335	1915
SK3951	5405	SK5557	5657	SK7097	5897	SK7607	1486	SK9046	1419	SK9189	1331	SK9336	1919
SK3952	5406	SK5579	5679	SK7100	5900	SK7608	1375	SK9048	1428	SK9190	1113	SK9337	1912
SK3953	5412	SK5588	5688	SK7101	5901	SK7610	1561	SK9049	1425	SK9191	1398	SK9338	1918
SK3954	5414	SK5589	5689	SK7104	5904	SK7611	1624	SK9050	1427	SK9192	1565	SK9339	970
SK3955	5415	SK5590	5690	SK7107	5905	SK7612	2061S	SK9051	1421	SK9193	1544	SK9340	932
SK3956	5416	SK5797	159	SK7108	5908	SK7614	839	SK9054	1269	SK9194	1471	SK9341	933
SK3957	62	SK5798	159	SK7109	5909	SK7615	921	SK9055	1575	SK9195	1575	SK9342	934
SK3958	390	SK5801	123A	SK7110	5910	SK7616	855	SK9056	1440	SK9196	1492	SK9344	935
SK3959	391	SK5915	123A	SK7111	5911	SK7617	927D	SK9058	1415	SK9197	1522	SK9351	240
SK3960	392	SK6345	159	SK7145	5945	SK7618	1727	SK9059	1406	SK9198	1409	SK9352	399
SK3961	393	SK6346	159	SK7153	5953	SK7619	1747	SK9061	1402	SK9199	1426	SK9353	1403
SK3962	1902	SK6347	159	SK7171	5871	SK7620	1560	SK9062	940E	SK9200	902	SK9354	1401
SK3963	1249	SK6347A	159	SK7175	5875	SK7622	1381	SK9063	9403	SK9201	996	SK9355	1473
SK3964	1439	SK6354	6354	SK7179	5879	SK7626	1683	SK9064	1408	SK9202	841	SK9356	1469
SK3965	974	SK6355	6355	SK7181	5981	SK7627	1400	SK9067	931	SK9203	2032	SK9357	2079
SK3966	2060	SK6356	6356	SK7182	5982	SK7630	136	SK9068	804	SK9204	2053	SK9359	1738
SK3967	1443	SK6357	6357	SK7183	5983	SK7632	1653	SK9070	911	SK9206	851	SK9360	1581
SK3968	1161	SK6358	6358	SK7191	5991	SK7633	1656	SK9071	911D	SK9207	863	SK9361	1361
SK3969	1118	SK6359	6359	SK7198	5998	SK7634	1434	SK9072	452	SK9208	1463	SK9363	398
SK3972	1218	SK6360	6360	SK7199	5999	SK7637	1509	SK9074	1210	SK9209	995	SK9364	56
SK3973	988	SK6561	6002	SK7202	6002	SK7638	1508	SK9075	166	SK9210	823	SK9365	68
SK3974	794	SK6601	5601	SK7203	6003	SK7641	858M	SK9076	167A	SK9211	1483	SK9366	54
SK3975	2011	SK6807	5607	SK7206	6006	SK7642	1928	SK9077	2016	SK9212	1466	SK9367	55
SK3977	456	SK6817	5515	SK7207	6007	SK7643	1930	SK9078	2017	SK9214	1418	SK9368	324
SK3978	259	SK6816	5516	SK7208	6008	SK7644	1900	SK9079	2018	SK9215	956	SK9369	323
SK3979	260	SK6630	5622	SK7209	6009	SK7645	1900	SK9080	2019	SK9216	957	SK9371	63
SK3983	394	SK6634	5628	SK7210	6010	SK7646	1548	SK9081	2020	SK9217	919	SK9372	64
SK3985	5312	SK6635	5628	SK7211	6011	SK7647	1546	SK9082A	6406S	SK9218	919D	SK9373	65
SK3986	5313	SK6841	5541	SK7220	6020	SK7648	1563	SK9085	379	SK9219	1917	SK9379	1545
SK3987	5314	SK6842	5542	SK7221	6021	SK7649	1293	SK9087	5327	SK9221	1903	SK9380	1413
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SK3989	5316	SK6650	5550	SK7223	6023	SK7652	1626	SK9089	832	SK9224	994M	SK9383	850
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SK3991	454	SK6652	5552	SK7234	6034	SK7654	1386	SK9091	177	SK9226	1117	SK9386	867
SK3995	386	SK6654	5554	SK7235	6035	SK7656	1558	SK9092	2012	SK9228	1287	SK9388	5344
SK3996	253	SK6656	5556	SK7240	6040	SK7657	1558	SK9093	2013	SK9229	85	SK9392	80
SK3997	254	SK6658	5558	SK7241	6041	SK7658	1382	SK9094	2014	SK9230	5332	SK9393	1471
SK3998	558	SK6681	5693	SK7242	6042	SK7659	1326	SK9095	2015	SK9231	5332	SK9394	1294
SK3999	173BP	SK6682	5693	SK7243	6043	SK7670	1327	SK9096	5814	SK9232	5332	SK9395	1364
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SK4001	4001B	SK6685	5695	SK7245	6045	SK7662	1334	SK9098	5340	SK9234	331	SK9397	955S
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SK4007	4007	SK6707	5608	SK7249	6049	SK7664	159	SK9101	5340	SK9237	87	SK9402	1673
SK4009	4049	SK6708	5608	SK7250	6049	SK7665	1387	SK9102	5342	SK9239	88	SK9403	1538
SK4011	4011B	SK6709	5609	SK7251	6051	SK7667	1498	SK9103	5342	SK9244	1558	SK9404	1539
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SK4013	4013B	SK6718	5568	SK7255	6055	SK7671	1521	SK9105	5344	SK9246	1411	SK9407	85
SK4015	4015B	SK6719	5569	SK7260	6060	SK7672	1576	SK9107	274	SK9248	852	SK9411	389
SK4016	4016B	SK6720	5570	SK7261	6061	SK7673	1657	SK9108	275	SK9249	1550	SK9412	255
SK4017	4017B	SK6722	5572	SK7264	6064	SK7676	1577	SK9109	97	SK9250	1513	SK9413	36
SK4019	4019B	SK6724	5574	SK7265	6065	SK7677	1571	SK9110	98	SK9251	1380	SK9415	37
SK4023	4023B	SK6725	5575	SK7268	6068	SK7678	1573	SK9111	98	SK9252	1288	SK9419	83
SK4024	4024B	SK6727	5577	SK7269	6069	SK7679	1851	SK9112	377	SK9253	266	SK9420	84S
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SK4027	4027B	SK6730	5580	SK7273	6073	SK7686	842	SK9114	81	SK9255	268	SK9423	40
SK4029	4029B	SK6732	5582	SK7277	6077	SK7687	1655	SK9115	82	SK9256	269	SK9424	41
SK4030	4030B	SK6734	5584	SK7301	5348	SK7692	868	SK9116	241	SK9259	96	SK9425	42
SK4031B	4031B	SK6740	5650	SK7303	5348	SK7703	1732	SK9117	242	SK9260	96	SK9426	43
SK4032B	4032B	SK6744	5654	SK7313	5338	SK7704	1517	SK9118	375	SK9262	386	SK9427	44
SK4033B	4033B	SK6745	5655	SK7332	582	SK7705	1725	SK9119	89	SK9263	51	SK9428	45
SK4034B	4034B	SK6746	5656	SK7333	527A	SK7706	1378	SK9121	6410	SK9265	1297	SK9429	33
SK4040	4040B	SK6748	5658	SK7354	6154	SK7707	1376	SK9123	6401	SK9266	1162	SK9430	34
SK4041UB	4041	SK6749	5659	SK7355	6155	SK7708	856	SK9124(EB2B1)	6409	SK9267	1283	SK9433	123AP
SK4042	4042B	SK6752	5452	SK7356	6156	SK7711	1687	SK9125	6405	SK9268	1284	SK9434	159
SK4045B	4045B	SK6753	5453	SK7357	6157	SK7713	1682	SK9126	826	SK9269	1399	SK9435	190
SK4046	4046B	SK6754	5454	SK7358	6158	SK7717	874	SK9127	828	SK9270	71	SK9436	272
SK4048B	4048B	SK6761	5591										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SK9506	2383	SKM35B	1V035	SKN500/04	6110	SKT24/06C	5547	SKT300/02CUNF	5587	SL3081	916
SK9507	2383	SKM35C	2V035	SKN500/08	6112	SKT24/06CUNF	5547	SKT300/04C	5587	SL3081DG	916
SK9509	67	SKM40B	1V040	SKN500/12	6112	SKT24/06M	5568	SKT300/04CUNF	5587	SL3081DP	916
SK-31024-3	108	SKM40C	2V040	SKN870/04	6113	SKT24/06UNF	5568	SKT300/06C	5587	SL3081DP	2023
SK37730(Fisher)	289A	SKM50B	1V050	SKN870/12	6115	SKT24/08C	5548	SKT300/08CUNF	5587	SL3086DG	912
SK40100B	40100B	SKM150C	2V050	SKN1500/04	6113	SKT24/08CUNF	5548	SKT300/08C	5589	SL3086DP	912
SK40106B	40106B	SKM115B	1V115	SKN1500/12	6115	SKT24/08M	5569	SKT300/08CUNF	5589	SL3101	129
SK40160B	40160B	SKM115C	2V115	SKN2000/06	6116	SKT24/08UNF	5569	SKT300/10C	5589	SL3111	129
SK40161	40161B	SKM130H	1V030	SKN2000/12	6118	SKT24/10M	5569	SKT300/10CUNF	5589	SL3111	5160A
SK40161B	40161B	SKM130J	2V030	SKN24016	6107	SKT24/10UNF	5569	SKT300/12C	5589	SL7059	703
SK40162B	40162B	SKM130K	524V13	SKR4F20/02	6006	SKT24/12M	5569	SKT300/12CUNF	5589	SL7283	703
SK40163B	40163B	SKM150H	1V150	SKR4F20/04	6008	SKT24/12UNF	5569	SKT450/02C	5594	SL7301	703
SK40174B	40174B	SKM150J	2V150	SKR4F20/06	6010	SKT40/02M	5567	SKT450/04C	5595	SL7301	703
SK40175B	40175B	SKM150K	524V15	SKR12/02	5874	SKT40/02UNF	5567	SKT450/06C	5595	SL7301	703
SK40182B	40182B	SKM250H	1V250	SKR12/04	5878	SKT40/04M	5568	SKT450/08C	5596	SL7790	703
SK40192B	40192B	SKM250J	2V250	SKR12/08	5886	SKT40/04UNF	5568	SKT450/10C	5596	SL7990	123A
SK40193B	40193B	SKM250K	524V25	SKR20/02	5916	SKT40/08M	5568	SKT450/12C	5596	SL8020	703
SK40194B	40194B	SKM480G	2V480	SKR20/02UNF	5916	SKT40/08UNF	5568	SKT450/10C	5596	SL8020	923
SK74107	74107	SKM480H	524V48	SKR20/04	5920	SKT40/08M	5568	SKT1000/06C	5599	SL11877	9930
SK74109	74109	SKN4F20/02	6007	SKR20/04UNF	5920	SKT40/08UNF	5569	SKT1000/08C	5599	SL11878	9936
SK74110	74110	SKN4F20/04	6009	SKR20/08	5928	SKT40/10M	5569	SKT1000/10C	5599	SL11879	9946
SK74111	74111	SKN4F20/06	6011	SKR20/08UNF	5928	SKT40/10UNF	5569	SKT1000/12C	5599	SL11880	9948
SK74121	74121	SKN4F40/02	6007	SKR25/02	5916	SKT40/12M	5569	SKU10/05	5637	SL11881	9962
SK74122	74122	SKN4F40/02UNF	6007	SKR25/04	5920	SKT40/12UNF	5569	SKU10/06	5637	SL14959	74H10
SK74123	74123	SKN4F40/04	6009	SKR25/08	5928	SKT55/02	5570	SKU12/06	5667A	SL14960	74H11
SK74150	74150	SKN4F40/04UNF	6009	SKR26/02	5916	SKT55/02C	432/5570	SKU12/08	5668A	SL14971	7408
SK74151	74151	SKN12/02	5875	SKR26/02UNF	5916	SKT55/02CUNF	432/5570	SL1505	56006	SL14972	7438
SK74153	74153	SKN12/04	5879	SKR26/04	5920	SKT55/04C	5572/432	SKU25/06UNF	5687	SL16121	OBS-NLA
SK74155	74155	SKN12/08	5887	SKR26/04UNF	5928	SKT55/04CUNF	5572/432	SKU25/08UNF	5687	SL16122	9910
SK74160	74160	SKN20/02	5917A	SKR26/08	5928	SKT55/08C	432/5574	SKU25/08UNF	5687	SL16201	9930
SK74161	74161	SKN20/02UNF	5917	SKR26/08UNF	5928	SKT55/08C	432/5574	SKU30/04	5695	SL16203	9951
SK74162	74162	SKN20/04	5921	SKR45/02	6026	SKT55/08C	432/5574	SKU30/05	5697	SL16204	9946
SK74164	74164	SKN20/04UNF	5921	SKR45/02UNF	6026	SKT55/08C	432/5574	SKU30/06	5697	SL16206	9932
SK74170	74170	SKN20/08	5929	SKR45/04	6034	SKT55/08C	432/5574	SKV17/504	815	SL16208	9937
SK74178	74178	SKN20/08UNF	5929	SKR45/04UNF	6034	SKT55/08C	432/5574	SKVHWG7006	159	SL16209	9909
SK74179	74179	SKN25/02	5917	SKR45/08	6042	SKT55/08CUNF	432/5574	SL-030	116	SL16210	9936
SK74180	74180	SKN25/04	5921	SKR45/08UNF	6042	SKT55/10C	432/5574	SL-030/3490	116	SL16211	9945
SK74192	74192	SKN25/08	5929	SKR50/02	6026	SKT55/10C	432/5574	SL0305	116	SL16212	9962
SK74193	74193	SKN26/02	5917	SKR50/04	6034	SKT55/10CUNF	432/5574	SL030T	116	SL16215	9944
SK74195	74195	SKN26/02UNF	5917	SKR50/08	6042	SKT55/12	5574	SL-030T	116	SL16216	9949
SK74198	74198	SKN26/04	5921	SKR70/02UNF	6054	SKT55/12C	432/5574	SL051A	5940	SL16218	9963
SK707380	5633	SKN26/04UNF	5921	SKR70/04	6060	SKT55/12CUNF	432/5574	SL01640	9914	SL16516	9930
SK16510006-2	129	SKN26/08	5929	SKR70/04UNF	6060	SKT55/12CUNF	432/5574	SL02518	9900	SL16517	9933
SK16510006-4	129	SKN26/08UNF	5929	SKR70/08	6068	SKT80/02C	432/5570	SL02519	9914	SL16518	9936
SKA1079	129	SKN45/02	6027	SKR70/08UNF	6068	SKT80/02CUNF	432/5570	SL02734	9914	SL16519	9946
SKA1080	123A	SKN45/02UNF	6027	SKR71/02	6054	SKT80/04	5572	SL02779	9914	SL16520	9962
SKA1117	123A	SKN45/04	6035	SKR71/02UNF	6054	SKT80/04C	5572/432	SL02781	OBS-NLA	SL16521	9945
SKA1279	159	SKN45/04UNF	6035	SKR71/04	6060	SKT80/04CUNF	432/5574	SL03019	9914	SL16522	9939
SKA1395	123A	SKN45/08	6043	SKR71/04UNF	6060	SKT80/06	5572	SL03021	OBS-NLA	SL16584	9930
SKA1416	107	SKN45/08UNF	6043	SKR71/08	6068	SKT80/06C	5572/432	SL03667	9913	SL16585	9931
SKA4074	108	SKN50/02	6027	SKR71/08UNF	6068	SKT80/06CUNF	5572/432	SL03911	9949	SL16586	9932
SKA4075	108	SKN50/04	6035	SKR100/02	432/6154	SKT80/08	5574	SL03912	9961	SL16587	9936
SKA4076	108	SKN50/08	6043	SKR100/02UNF	432/6154	SKT80/08C	432/5574	SL03913	9963	SL16588	9945
SKA4129	159	SKN70/02	6055	SKR100/04	432/6154	SKT80/08CUNF	432/5574	SL03914	9932	SL16589	9946
SKA4141	123A	SKN70/02UNF	6055	SKR100/04UNF	432/6154	SKT80/10C	5574	SL03915	9944	SL16590	9948
SKA4410	192	SKN70/04	6061	SKR100/08	432/6158	SKT80/10CUNF	432/5574	SL03916	9937	SL16591	9962
SKA4425	108	SKN70/04UNF	6061	SKR100/08UNF	432/6158	SKT80/10CUNF	432/5574	SL03917	9951	SL16793	7400
SKA4616	128	SKN70/08	6069	SKR100/12UNF	432/6162	SKT80/12	5574	SL04194	9910	SL16794	7401
SKA4621	129	SKN70/08UNF	6069	SKR100/14UNF	432/6162	SKT80/12CUNF	432/5574	SL04217	9900	SL16795	7402
SKA4768	161	SKN71/02	6055	SKR130/02	432/6154	SKT130/02C	5580	SL04218	9914	SL16796	7404
SKA9013	108	SKN71/02UNF	6055	SKR130/02UNF	432/6154	SKT130/02CUNF	5580	SL04563	9930	SL16797	7405
SKB8339	123A	SKN71/04	6081	SKR130/04	432/6154	SKT130/04C	5582	SL04567	9936	SL16798	7408
SKB42G/02	580	SKN71/04UNF	6081	SKR130/04UNF	432/6154	SKT130/04CUNF	5582	SL04568	9932	SL16799	7411
SKHM7	548	SKN71/08	6069	SKR130/08	432/6158	SKT130/06C	5582	SL04570	9951	SL16800	7420
SKK45/06	6220	SKN71/08UNF	6069	SKR130/08UNF	432/6158	SKT130/06CUNF	5582	SL04732	9914	SL16801	7410
SKK45/08	6220	SKN100/02	432/6155	SKR130/12UNF	432/6162	SKT130/08C	5584	SL07040	909	SL16802	7430
SKK45/12	6220	SKN100/02UNF	432/6155	SKR130/14UNF	432/6162	SKT130/08CUNF	5584	SL07055	909	SL16803	7440
SKK45/04	6220	SKN100/04	432/6155	SKR170/02	6354	SKT130/10C	5584	SL07059	OBS-NLA	SL16804	7450
SKKD80/04	6230	SKN100/04UNF	432/6155	SKR170/02UNF	6354	SKT130/10CUNF	5584	SL07682	716	SL16805	7453
SKKD80/06	6230	SKN100/08	432/6159	SKR170/04	6354A	SKT130/12C	5584	SL07684	910	SL16806	7473
SKKD80/08	6230	SKN100/08UNF	432/6159	SKR170/04UNF	6354	SKT130/12CUNF	5584	SL08058	703	SL16807	7474
SKKD80/12	6230	SKN100/12UNF	432/6159	SKR170/08	6358	SKT160/02C	5580	SL08066	909	SL16808	7476
SKKH40/04	5711	SKN100/14UNF	432/6159	SKR170/08UNF	6358	SKT160/02CUNF	5580	SL08067	941D	SL16809	7492
SKKH40/06	5711	SKN130/02	432/6155	SKR240/02	6106	SKT160/04C	5582	SL2	116	SL16810	7496
SKKH40/08	5711	SKN130/02UNF	432/6155	SKR240/02UNF	6106	SKT160/04CUNF	5582	SL2	116	SL16811	9944
SKKH40/12	5711	SKN130/04	432/6155	SKR240/04	6106	SKT160/06C	5582	SL-3	116	SL17242	7473
SKKH45/04	5711	SKN130/04UNF	432/6159	SKR240/04UNF	6106	SKT160/06CUNF	5582	SL3	5878	SL17284	9932
SKKH45/06	5711	SKN130/08	432/6159	SKR240/08	6106	SKT160/08C	5584	SL-4	116	SL17289	9936
SKKH45/08	5711	SKN130/08UNF	432/6159	SKR240/08UNF	6106	SKT160/08CUNF	5584	SL5	116	SL17869	7408
SKKH45/12	5711	SKN130/12UNF	432/6159	SKR240/12	6362	SKT160/10C	5584	SL-5	5802	SL17887	7411
SKKH90/04	5721	SKN130/14UNF	432/6159	SKR240/12UNF	6106	SKT160/10CUNF	5584	SL10	5890	SL18386	7483
SKKH90/06	5721	SKN170/02	6105	SKR240/14	6362	SKT160/12C	5584	SL50	5870	SL18387	74107
SKKH90/08	5721	SKN170/02UNF	6105	SKR240/14UNF	6106	SKT160/12CUNF	5584	SL91	116	SL18899	9911
SKKH90/12	5721	SKN170/04	6355	SKR240/16	6106	SKT215/02C	5587	SL92	116	SL20575	703
SKKT18/04	5710	SKN170/04UNF	6355	SKR240/16UNF	6106	SKT215/02CUNF	5587	SL93	116	SL20721	705A
SKKT18/06	5710	SKN170/04R	6355	SKR320/02	6106	SKT215/04C	5587	SL100	108	SL20755	713
SKKT18/08	5710	SKN170/04UNF	6355	SKR320/02UNF	6106	SKT215/04CUNF	5587	SL100	108	SL20783	923
SKKT18/12	5710	SKN170/08	6359	SKR320/04	6106	SKT215/06C	5587	SL103	5802	SL20927	909
SKKT18/12	5710	SKN170/08R	6359	SKR320/04UNF	6106	SKT215/06CUNF	5587				

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SL57318	7423	SL58053	74S153	SLA440	116	SLP452PE	3152	SM83	125	SM6728	129	SN74LS00	74LS00
SL57319	7425	SL58054	74S157	SLA440B	116	SLP454B	3165	SM100	125	SM6773	123A	SN74LS00N	74LS00
SL57320	7426	SL58055	74S158	SLA441	116	SLP454B	3165	SM101	125	SM6814	198	SN74LS01	74LS01
SL57321	7427	SL58056	74S157	SLA441B	116	SLP454B	3165	SM103	125	SM7404AN	7404	SN74LS01J	74LS01
SL57322	7430	SL58057	74S154	SLA442	116	SLP455PE	3168	SM105	116	SM7545	123A	SN74LS01L	74LS01
SL57323	7432	SL58058	74S258	SLA442B	116	SLP472B	3155	SM110	116	SM7815	123A	SN74LS01N	74LS01
SL57324	7437	SL58233	74114	SLA443	116	SLP472PE	3155	SM112	116	SM7815	123A	SN74LS01P	74LS01
SL57325	7438	SL58234	74123	SLA443B	116	SLP5022P	3016	SM120	116	SM7836	123A	SN74LS02	74LS02
SL57326	7439	SL58235	74154	SLA444	116	SLP2020P	6090#	SM130	116	SM7836	123A	SN74LS02N	74LS02
SL57327	7440	SL58236	74160	SLA444B	116	SLP2030P	6090#	SM140	116	SM7989	224	SN74LS03	74LS03
SL57328	7441	SL58237	74161	SLA445	116	SLP2035P	6090#	SM150	125	SM7991	195A	SN74LS03N	74LS03
SL57329	7442	SL58238	74162	SLA445B	116	SLP2040P	6090#	SM150-005	125	SM7991	128	SN74LS04	74LS04
SL57330	7443	SL58239	74163	SLA445B	116	SLP2045P	6090#	SM150-01	125	SM8112	123A	SN74LS04N	74LS04
SL57331	7444	SL58240	74195	SLA536	116	SLP3020P	6090#	SM150-02	125	SM8113	123A	SN74LS05	74LS05
SL57332	7445	SL58241	74502	SLA537	116	SLP3030P	6090#	SM150-02	125	SM8341	102A	SN74LS05N	74LS05
SL57333	7446	SL58242	74508	SLA538	116	SLP3035P	6090#	SM150-02	125	SM8978	123A	SN74LS08	74LS08
SL57334	7447	SL58243	74509	SLA539	116	SLP3040P	6090#	SM150-02 (Boost)	506	SM9008	123A	SN74LS08N	74LS08
SL57335	7450	SL58244	74530	SLA540	116	SLP3045P	6090#	SM150-02 (Centering)	507	SM9135	123A	SN74LS09	74LS09
SL57337	7451	SL58245	74551	SLA547	116	SLR-30AR	3022	SM150-6	125	SM9253	123A	SN74LS09N	74LS09
SL57338	7453	SL58246	74586	SLA560	125	SLR-30GGH	3024	SM150-6(Focus)	506	SM95831-053	5011A	SN74LS10	74LS10
SL57339	7454	SL58247	745138	SLA561	125	SLT4008L	5638	SM150-11	125	SM95831-300	5035A	SN74LS10N	74LS10
SL57340	7460	SL58248	745151	SLA599	116	SM-05	525	SM150A	125	SM95831-330	5036A	SN74LS10ND	74LS10
SL57341	7470	SL58249	745174	SLA599A	116	SM-05-15FR	525	SM150B	125	SM95832-2	317	SN74LS10NDS	74LS10
SL57342	7472	SL58250	745181	SLA600	116	SM-05-16FR	525	SM150B	125	SM95831-1	175	SN74LS11	74LS11
SL57344	7474	SL58251	745251	SLA600A	116	SM-05-16FR	525	SM150B	125	SM95831-1	175	SN74LS11N	74LS11
SL57345	7475	SL58901	4001B	SLA601	116	SM0516FR	525	SM150C	125	SM-A-595819-1	704	SN74LS12	74LS12
SL57346	7476	SL58902	4002B	SLA601A	116	SM0543	102A	SM150D	125	SM-A-595830-12	107	SN74LS12J	74LS12
SL57347	7480	SL58903	4001B	SLA602	116	SM0R5B42(G,T2,T1)	5655	SM150E	125	SM-A-595831-024	5006A	SN74LS12L	74LS12
SL57348	7482	SL58904	4012B	SLA602A	116	SM0R5D42(G,T2,T1)	5655	SM150S	116	SM-A-595831-033	5006A	SN74LS12N	74LS12
SL57349	7483	SL58905	4013B	SLA603	116	SM0R5G42(G,T2,T1)	5656	SM160	116	SM-A-595831-051	5010A	SN74LS12P	74LS12
SL57350	7485	SL58906	4014B	SLA603A	116	SM-1	116	SM170	125	SM-A-595831-060	137A	SN74LS13	74LS13
SL57351	7486	SL58907	4015B	SLA604	116	SM-1-005	116	SM170	125	SM-A-595831-062	137A	SN74LS13J	74LS13
SL57352	7490	SL58908	4016B	SLA604A	116	SM1-02	116	SM200	125	SM-A-595831-124	142A	SN74LS13L	74LS13
SL57353	7491	SL58909	4017B	SLA605	116	SM1-02C	116	SM205	116	SM-A-595831-124	142A	SN74LS13N	74LS13
SL57354	7492	SL58910	4019B	SLA605A	116	SM1-02C	116	SM210	116	SM-A-726655	123A	SN74LS13P	74LS13
SL57355	7494	SL58911	4020B	SLA606	116	SM1-02FR	552	SM217	100	SM-A-726658	159	SN74LS14	74LS14
SL57356	7496	SL58912	4021B	SLA606A	116	SM1-02FRA	552	SM217	100	SM-A-726664	123A	SN74LS14N	74LS14
SL57357	74107	SL58913	4023B	SLA1095	116	SM1-04FR	552	SM220	116	SM-B-574495	159	SN74LS15	74LS15
SL57360	74121	SL58914	4024B	SLA1096	116	SM1-47	116	SM230	116	SM-B-574495	159	SN74LS15P	74LS15
SL57361	74122	SL58915	4025B	SLA1100	116	SM1-4A-01	116	SM240	116	SM-B-574495	159	SN74LS15L	74LS15
SL57364	74150	SL58916	4027B	SLA1101	116	SM1-1A-02	116	SM250	116	SM-B-574495	159	SN74LS15L	74LS15
SL57365	74151	SL58917	4028B	SLA1101(LED)	3111	SM1-1A-02LFE	116	SM250	116	SM-B-574495	159	SN74LS15N	74LS15
SL57366	74152	SL58918	4029B	SLA1102	116	SM1-1A-04	116	SM270	125	SM-B-574495	159	SN74LS15P	74LS15
SL57367	74153	SL58919	4030B	SLA1103	5804	SM1-1A-04FR	552	SM280	125	SM-B-574495	159	SN74LS15L	74LS15
SL57368	74155	SL58920	4040B	SLA1104	116	SM1-1A-06	116	SM300	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57369	74156	SL58921	4042B	SLA1105	116	SM1-1A-08	525	SM343	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57370	74164	SL58922	4049	SLA1131	3113	SM1-1A-12	525	SM343	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57371	74165	SL58923	4050B	SLA1487	116	SM1-1A-15	525	SM343	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57372	74166	SL58924	4051B	SLA1488	116	SM1-1A-200	116	SM343	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57373	74174	SL58925	4052B	SLA1489	116	SM1-K	116	SM343	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57374	74175	SL58926	4068B	SLA1490	116	SM-1XN02	116	SM510	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57375	74176	SL58927	4069	SLA1491	116	SM-1XN04	116	SM512	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57376	74177	SL58928	4071B	SLA1492	116	SM-1XN06	116	SM513	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57377	74178	SL58929	4077B	SLA1692	116	SM-1XN08	525	SM514	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57378	74179	SL58930	4078B	SLA1693	116	SM-1XN12	525	SM515	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57379	74180	SL58931	4081B	SLA1694	116	SM-1XN15	525	SM516	116	SM-B-610342	123A	SN74LS15L	74LS15
SL57380	74181	SL58932	4085B	SLA1695	116	SM-1-5	125	SM517	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57381	74182	SL58933	4086B	SLA1696	116	SM-1-5-02	125	SM518	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57382	74190	SL58934	4512B	SLA1697	116	SM-1-5-04	125	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57383	74191	SL58935	4518B	SLA2101	3112	SM-1-5-08	125	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57384	74192	SL58936	4520B	SLA2131	3114	SM-1-5-10	125	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57385	74193	SL58937	4522B	SLA2610	116	SM-1-5-10Z1	116	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57386	74196	SL58938	4539B	SLA2611	116	SM2B41	5629	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57387	74197	SL58939	4555B	SLA2612	116	SM2B41-R	5613	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57388	74198	SL58940	4556B	SLA2613	116	SM2D41	5629	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL57389	74199	SL58941	40085B	SLA2614	116	SM2G41	5629	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58003	74H00	SL58942	40097B	SLA2615	116	SM-3-02	5802	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58004	74H01	SL58943	40175B	SLA2616	125	SM-3-02FR	552	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58005	74H04	SL59417	74510	SLA2617	125	SM-3-04	5804	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58006	74H05	SL58044	74564	SLA3193	116	SM-3-06	5806	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58007	74H08	SLA01	125	SLA3194	116	SM-3-08	5808	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58008	74H10	SLA11AB	116	SLA3195	116	SM3G41	5605	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58009	74H11	SLA11C	116	SLA3196	125	SM3G41-LC2	5605	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58010	74H12	SLA12A	116	SLA3197	5800	SM4	116	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58011	74H21	SLA12C	116	SLA3198	5801	SM5	116	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58012	74H22	SLA13AB	116	SLA5199	5802	SM5B12	5667A	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58013	74H30	SLA13C	116	SLA5200	5804	SM5D12	5667A	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58014	74H40	SLA14AB	116	SLA5201	5806	SM5D12	5667A	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58015	74H50	SLA14C	116	SLA5202	5808	SM5D14	5632	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58016	74H51	SLA15AB	116	SLA5203	5809	SM5D14	5633	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58017	74H52	SLA15C	116	SLA01	125	SM6G14	5635	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58018	74H53	SLA16AB	116	SLC4006AE	4006B	SM6D41	5632	SM520	125	SM-B-610342	123A	SN74LS15L	74LS15
SL58019	74H54	SLA16C	116	SLD155B	3166	SM6G41	5633	SM520</					

SN74LS76AP through SN15863N

When basing of original part differs from ECG replacement, basing for original part is shown in parentheses () after the part number. For example, the 2SA509A(ECB) is replaced by ECG159 which has "EBC" basing.

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SN28250N	8250S	SN74157SJ	74157	SN75450N	75450B	SN84121N	74121	SNR-14D18L	2V010	SO301L	5417	SP1K-4	116
SN29308J	8308	SN74158SJ	74158	SN75451AN	75451B	SN84122N	74122	SNR-14D22L	2V014	SO301LS1	5426	SP1U-2	116
SN29308N	8308	SN74160N	74160	SN75451B	75451B	SN84123N	74123	SNR14D22L	2V014	SO301LS2	5426	SP-1.5A	5800
SN29318J	8318	SN74161N	74161	SN75451B	75451B	SN84125N	74125	SNR-14D24L	2V015	SO301LS3	5426	SP26	104
SN29318N	8318	SN74162N	74162	SN75451N	75451B	SN84126N	74126	SNR14D24L	2V015	SO303L	5417	SP39	127
SN38233N	8233	SN74163N	74163	SN75452	75452B	SN84128N	74128	SNR14D27L	2V017	SO303LS1	5426	SP46	109
SN38234N	8234	SN74165	74165	SN75452AN	75452B	SN84132N	74132	SNR-14D27L	2V017	SO303LS2	5426	SP47	109
SN38235N	8235	SN74165N	74165	SN75452B	75452B	SN84141N	74141	SNR-14D33K	2V020	SO303LS3	5426	SP62	127
SN38266N	8266	SN74165N	74165	SN75452N	75453B	SN84145N	74145	SNR14D33K	2V020	SO304F1	5452	SP70	159
SN39308J	8308	SN74166	74166	SN75453	75453B	SN84150N	74150	SNR-14D39K	2V025	SO304F2	5452	SP-70	198
SN39308N	8308	SN74166N	74166	SN75453AN	75453B	SN84151N	74151	SNR-14D47K	2V030	SO304F3	5452	SP82A	112
SN39318J	8318	SN74170N	74170	SN75453B	75453B	SN84153N	74153	SNR14D56K	2V035	SO304F4	5452	SP90	107
SN52301	975	SN74173	74173	SN75453B	75453B	SN84154N	74154	SNR-14D56K	2V035	SO306L	5417	SP101	159
SN55115J	9615	SN74173J	74173	SN75453BP	75453B	SN84155N	74155	SNR-14D68K	2V040	SO306LS3	5426	SP-116	612
SN56514	872	SN74173N	74173	SN75453N	75453B	SN84156N	74156	SNR-14D82K	2V050	SO308L	5417	SP148-3	121
SN72301	975	SN74173SJ	74173	SN75454AN	75454B	SN84160N	74160	SNR14D82K	2V050	SO308LS2	5426	SP-148-3	121
SN72301AL	171	SN74174N	74174	SN75454B	75454B	SN84161N	74161	SNR-14D100K	2V060	SO308LS3	5426	SP176	104
SN72301AP	975	SN74174N	74174	SN75454B	75454B	SN84162N	74162	SNR-20A130K	524V13	SO308R	5461	SP230	104
SN72307	976	SN74175	74175	SN75454N	75454B	SN84163N	74163	SNR20A130K	524V13	SO308R	5417	SP334	121
SN72307P	976	SN74175N	74175	SN75454N	2028	SN84165N	74165	SNR-20A150K	524V15	SO310LS2	5426	SP346	179
SN72471P	941M	SN74176N	74176	SN75480J	2028	SN84166N	74166	SNR20A150K	524V15	SO310LS3	5426	SP404	121
SN72555JG	955M	SN74177N	74177	SN75480J	2028	SN84170N	74170	SNR20A250K	524V25	SO312R	5552	SP-404T	121
SN72555JP	955M	SN74178N	74178	SN75491AN	75491B	SN84174N	74174	SNR-20A250K	524V25	SO316R	5550	SP404T	121
SN72555P	955M	SN74179N	74179	SN75491B	75491B	SN84175N	74175	SNR-20A275K	524V27	SO325C	5534A	SP427-8	27
SN72558	778A	SN74180N	74180	SN75491B	75491B	SN84176N	74176	SNR-20A300K	524V30	SO325G	5534A	SP441	121
SN72558JG	778A	SN74181N	74181	SN75491N	75491B	SN84177N	74177	SNR-20A420K	524V42	SO325R	5550	SP-441	121
SN72558P	778A	SN74182N	74182	SN75492AN	75492B	SN84178N	74178	SNR-20A480K	524V48	SO335C	5534A	SP441D	104
SN72709J	909D	SN74190N	74190	SN75492B	75492B	SN84179N	74179	SNR-20A480K	524V48	SO335G	5517	SP441G	121
SN72709L	909	SN74191N	74191	SN75492B	75492B	SN84180N	74180	SNR-20A480K	524V48	SO501L	5417	SP441S	104
SN72709N	909D	SN74192N	74192	SN75492N	75492B	SN84181N	74181	SNR130L10	2V130	SO501L	5417	SP-485	121
SN72710J	910D	SN74193N	74193	SN75493	75493	SN84182N	74182	SNR130L20	524V13	SO501LS1	5426	SP485	121
SN72710L	910	SN74196J	74196	SN75493N	75493	SN84183N	74183	SNR150L10	2V150	SO501LS2	5426	SP485B	121
SN72711J	910D	SN74196N	74196	SN75494	75494	SN84184N	74184	SNR150L20	524V15	SO501LS3	5426	SP485BLK	121
SN72711N	911D	SN74197N	74197	SN75494N	75494	SN84189N	74189	SNR-250L20	524V25	SO503	5417	SP485BLU	121
SN72711L	911	SN74198N	74198	SN75497	75497	SN84193N	74193	SNR250L40	524V25	SO503LS1	5426	SP485BRN	121
SN72711N	911D	SN74199N	74199	SN75497N	75497	SN84195N	74195	SNR-275L20	2V275	SO503LS2	5426	SP485W	121
SN72723J	923D	SN74221	74221	SN75498	75498	SN84196N	74196	SNR-275L40	524V27	SO503LS3	5426	SP485WHT	121
SN72723L	923	SN74221J	74221	SN75498N	75498	SN84197N	74197	SNR-275L40	524V27	SO504F1	5453	SP486	121
SN72723N	923D	SN74221N	74221	SN76001	1113	SN84198N	74198	SNR-420L20	2V420	SO504F2	5453	SP486	121
SN72733J	927D	SN74221SJ	74221	SN76001A	1113	SN84199N	74199	SNR-420L40	524V42	SO504F3	5453	SP486W	121
SN72733L	927	SN74249	74249	SN76001AN	1113	SN84199N	74199	SNR480L80	524V48	SO504F4	5453	SP486W	121
SN72733N	927D	SN74249J	74249	SN76001N	1113	SN84199N	74199	SNR-495L8	2V095	SO506L	5417	SP486WHT	121
SN72741J	941D	SN74249N	74249	SN76007N	812	SN84199N	74199	SNR-130L10	2V130	SO506LS2	5426	SP500	1288
SN72741JG	941M	SN74251	74251	SN76002N	810A	SN84199N	74199	SNR-130L10	2V130	SO506LS3	5426	SP501R	28
SN72741L	941	SN74251J	74251	SN76002ND	810A	SN84199N	74199	SNR-A130L20	524V13	SO508L	5417	SP600	1396
SN72741N	941D	SN74251N	74251	SN76104	718	SN84199N	74199	SNR-A150L2	1V150	SO508LS2	5426	SP634	121
SN72741P	941M	SN74290	74290	SN76104N	718	SN84199N	74199	SNR-A150L10	2V150	SO508LS3	5426	SP-634	121
SN72741J	947D	SN74290J	74290	SN76105	720	SN84199N	74199	SNR-A150L20	524V15	SO508R	5461	SP-649	121
SN72747JA	947D	SN74290N	74290	SN76105N	720	SN84199N	74199	SNR-A250L4	1V250	SO510L	5417	SP649	121
SN72747L	947	SN74290SJ	74290	SN76107N	722	SN84199N	74199	SNR-A250L20	2V250	SO510LS2	5426	SP-649-1	121
SN72747N	947D	SN74293	74293	SN76110	722	SN84199N	74199	SNR-A250L40	524V25	SO512R	5552	SP744	121
SN72748JG	975	SN74293J	74293	SN76110N	722	SN84199N	74199	SNR-A275L4	2V275	SO516R	5550	SP819R	121
SN72748L	1171	SN74293N	74293	SN76111	719	SN84199N	74199	SNR-A275L40	524V27	SO525C	5534A	SP-834	121
SN72748P	975	SN74293SJ	74293	SN76113N	722	SN84199N	74199	SNR-A300L4	1V300	SO525G	5534A	SP834	121
SN72805	961	SN74365	74365	SN76115	801	SN84199N	74199	SNR-A420L20	2V420	SO525R	5550	SP838	179
SN72906	963	SN74365A	74365	SN76115N	801	SN84199N	74199	SNR-A420L40	524V42	SO535C	5534A	SP838-1	121
SN72912	967	SN74365AJ	74365	SN76116A	743	SN84199N	74199	SNR-A480L40	524V48	SO535G	5517	SP875	121
SN72915	969	SN74365B	74365	SN76116N	743	SN84199N	74199	SNR-A480L80	524V48	SO535G	139A	SP880	121
SN72924	972	SN74365J	74365	SN76130N	721	SN84199N	74199	SNR-D18M1	1V010	SO535G	5463	SP880	104
SN74107N	74107	SN74365N	74365	SN76131N	725	SN84199N	74199	SNR-D18M3	2V010	SO535G	5463	SP880-1	121
SN74109	74109	SN74365SJ	74365	SN76131N	725	SN84199N	74199	SNR-D22L1	2V010	SO535G	199	SP880-3	121
SN74109N	74109	SN74366	74366	SN76177	804	SN84199N	74199	SNR-D22L3	2V014	SO535G	125	SP880-3	121
SN74110	74110	SN74366A	74366	SN76177ND	804	SN84199N	74199	SNR-D22L3	2V014	SO535G	5830	SP891	121
SN74110N	74110	SN74366AJ	74366	SN76242	714	SN84199N	74199	SNR-D24K1	1V015	SO535G	5830	SP891B	104
SN74111	74111	SN74366AN	74366	SN76242N	714	SN84199N	74199	SNR-D24K1	2V015	SO535G	5830	SP891B	121
SN74111N	74111	SN74366J	74366	SN76242N-07	714	SN84199N	74199	SNR-D27L1	1V017	SO535G	5830	SP891BLU	121
SN74116	8308	SN74366N	74366	SN76243N	715	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74116N	8308	SN74366SJ	74366	SN76243N	715	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74121N	74121	SN74367	74367	SN76246N	790	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74122N	74122	SN74367A	74367	SN76246N	790	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74123	74123	SN74367AJ	74367	SN76266	728	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74123N	74123	SN74367AN	74367	SN76266N	728	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74125	74125	SN74367J	74367	SN76267	729	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74125N	74125	SN74367N	74367	SN76267N	729	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74126	74126	SN74367SJ	74367	SN76268N	738	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74126N	74126	SN74368	74368	SN76514	872	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74128	74128	SN74368A	74368	SN76526	794	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74128N	74128	SN74368AJ	74368	SN76530P	747	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74132	74132	SN74368AN	74368	SN76547N	830S	SN84199N	74199	SNR-D27L4	2V017	SO535G	5830	SP891G	121
SN74132N	74132	SN74368J	74368	SN76550	615A	SN84199N	74199	SNR-D					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SP1556-1	121	SPD1230	5820	SPS1473(Red)	107	SPS4020	123A	SPS4363	123A	SPT030	5693	SPT410A	5675
SP1556-2	121	SPD1475	5820	SPS1475	123A	SPS4025	159	SPS4365	159	SPT030A	5693	SPT410AB	5675
SP1556-3	121	SPD2005	6006	SPS1475(Ylw)	123A	SPS4025A	159	SPS4365A	159	SPT030AB	5693	SPT410B	5675
SP1556-4	121	SPD2010	6006	SPS1475YT	123A	SPS4026	159	SPS4367	123A	SPT030B	5693	SPT410C	5675
SP1556-4	121	SPD2020	6006			SPS4026A	159	SPS4368	123A	SPT030BC	5693	SPT410C	5675
SP1563-2	121	SPD2030	6008	SPS1476	123A	SPS4027	159	SPS4382	123A	SPT030C	5693	SPT415	5675
SP1563BLK	121	SPD2040	6008	SPS1523	159	SPS4027A	159	SPS4399	108	SPT040	5693	SPT415A	5675
SP1563BLU	121	SPD80059	181	SPS1523A	159	SPS4028	159	SPS4423	108	SPT040A	5693	SPT415AB	5675
SP1563GRN	121	SPD80060	181	SPS1539	159	SPS4028A	159	SPS4446	123A	SPT040AB	5693	SPT415B	5675
SP1563RED	121	SPD80061	181	SPS1539	159	SPS4029	123A	SPS4450	123A	SPT040B	5693	SPT415BC	5675
SP1566BLK	121	SPD80062	130	SPS1539(White)	159	SPS4030	108	SPS4451	123A	SPT040BC	5693	SPT415C	5675
SP1566BLU	121	SPD80123	128	SPS1556	289A	SPS4031	159	SPS4452	159	SPT040C	5693	SPT425	5685
SP1566GRN	121	SPF024	312	SPS1761	188	SPS4031A	159	SPS4452A	159	SPT110B	5673	SPT425A	5685
SP1566RED	121	SPF215	222	SPS1762	189	SPS4032	123A	SPS4453	123A	SPT110C	5673	SPT425AB	5685
SP1600	104	SPF274	222	SPS1763	159	SPS4034	123A	SPS4455	123A	SPT26	5673	SPT425B	5685
SP1603	121	SPF310	451	SPS1915-1	123AP	SPS4035	123AP	SPS4456	123A	SPT28	5673	SPT425BC	5685
SP1603-1	121	SPF512	222	SPS1915-2	123AP	SPS4036	123AP	SPS4457	123A	SPT36	5675	SPT425C	5685
SP1603-2	121	SPF724	312	SPS2110	108	SPS4037	123AP	SPS4458	159	SPT38	5675	SPT430A	5695
SP1603-3	121	SPF792	312	SPS2111	108	SPS4038	123AP	SPS4458A	159	SPT48	5675	SPT430AB	5695
SP1603-4	121	SPF792	312	SPS2111	108	SPS4039	123A	SPS4459	123A				
SP1603-5	121	SPF792	312										
SP1603-6	121	SPF792	312										
SP1603-7	121	SPF792	312										
SP1603-8	121	SPF792	312										
SP1603-9	121	SPF792	312										
SP1603-10	121	SPF792	312										
SP1603-11	121	SPF792	312										
SP1603-12	121	SPF792	312										
SP1603-13	121	SPF792	312										
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SP1603-18	121	SPF792	312										
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SP1603-113	121	SPF792	312										
SP1603-114	121	SPF792	312										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SQ1224	611	SR2A4	116	SR-16(Philco)	515	SR-103D	519	SR1378-3	116	SS155	160	SSR240D45	B75240
SQ1224A	611	SR2A4	116	SR-17	116	SR-103D(LED)	3025	SR1422	5800	SS171	396	SSR250A45	A40240
SQ1226	612	SR2A8	116	SR17	116	SR103W	3020	SR1493	116	SS200	154	SSS201AJ	1171
SQ1226A	612	SR2A8	116	SR17(CLAMP)	515	SR103W	3020	SR1549	116	SS216	123AP	SSS301AJ	1171
SQ1234A	613	SR2A12	116	SR-17(Philco)	515	SR104	585	SR1598	5800	SS321	116	SSS301AP	975
SQ1238	614	SR2A-12	125	SR-18	116	SR105	116	SR1602C	6087	SS322	116	SSS741CJ	941
SQ1238A	614	SR2B-1	5830	SR18	5808	SR105D	3007	SR1603C	6087	SS324	116	SSS747CK	947
SQ1270	610	SR2B-2	5834	SR18V1E	1V010	SR-105D	3007	SR1604C	6087	SS334	116	SSS747CP	947D
SQ1270A	610	SR2B-4	5834	SR22V2E	2V010	SR106D	3000	SR1643A	5800	SS337	116	SSS747CY	947D
SQ1274	611	SR2B-6	5838	SR-20	178MP	SR-106D	3000	SR1650	5808	SS403AE	4030B	SSS1408A-6Q	2056
SQ1274A	611	SR2B-8	5838	SR20	113A	SR112	116	SR1668	116	SS455	116	SSS1408A-7Q	2056
SQ1276	612	SR2B12	156	SR21	113A	SR112	116	SR-1668	116	SS524	154	ST01	123A
SQ1276A	612	SR2B-12	5842	SR22	116	SR114	5802	SR1692	116	SS1001	1337	ST02	123A
SQ1284A	613	SR2B-5	5846	SR22V1E	1V014	SR114	116	SR1693	116	SS1001	1337	ST03	123A
SQ1288	614	SR2B16	156	SR22V2E	2V014	SR120	116	SR1694	116	SS1123	396	ST04	123A
SQ1288A	614	SR2B20	156	SR23	116	SR120-1	116	SR1695	116	SS1606	159	ST05	123A
SQ1720	610	SR2B-20	5848	SR23	116	SR120-1	116	SR1731-1	116	SS1606A	121	ST06	123A
SQ1724	611	SR2C-2	5830	SR24	116	SR121V1E	1V075	SR1731-2	116	SS1821	123A	ST-021660	129
SQ1724A	612	SR2C-4	5834	SR24	116	SR121V2E	2V075	SR1731-3	116	SS1906	159	ST-082.112.005	123A
SQ1726	612	SR2C-6	5838	SR24V1E	1V015	SR130-1	116	SR1731-4	116	SS1906A	159	ST-082.114.015	123A
SQ1734	613	SR2C-8	5838	SR24V2E	2V015	SR130V1E	1V130	SR1731-5	116	SS1912	154	ST-082.114.016	199
SQ1738	614	SR2C-12	5842	SR25	5903	SR130V2E	2V130	SR1742	116	SS2308	123A	ST-082.115.015	159
SQ5461A	610	SR2C-16	5846	SR25B-2R	5986	SR131-1	2V16	SR1762	5802	SS2409	213	ST-2	6408
SQ5463A	611	SR2C-20	5848	SR25B-2S	5982	SR131-1	116	SR1766	116	SS2503	159	ST2	6408
SQ5464A	612	SR2K	552	SR25B-4R	5987	SR132-1	5800	SR1849-1	116	SS2503A	159	ST2(GE)	6408
SQ5464A	613	SR3	116	SR25B-4S	5986	SR132-1	116	SR1874	5962	SS2504	123A	ST2-10	5874
SQ5470A	614	SR3AM	125	SR25B-6S	5989	SR133-1	116	SR1984	116	SS2509	282S	ST2-20	5874
SQD-2170	123	SR3AM1	5800	SR25B-8R	5991	SR136	5800	SR2121	116	SS2510	282S	ST2-30	5878
SR0004	178MP	SR3AM-2	5801	SR25B-8S	5990	SR144	116	SR2301A	116	SS3534-4	312	ST2-40	5878
SR-0004	113A	SR3AM-2	5801	SR25B-10R	5993	SR145	116	SR2462	552	SS3586	312	ST2-517	106
SR05K-2	116	SR3AM-3	5801	SR25B-10S	5992	SR150	125	SR2462(YELLOW)	552	SS3672	312	ST2B	116(4)
SR-05K-2	116	SR3AM-4	5802	SR27	116	SR150-01	116	SR2566	330	SS3694	123A	ST2FR10P	5819
SR1	102A	SR3AM-4	5802	SR27V1E	1V017	SR150-1	116	SR3002C	6090#	SS3704	312	ST2FR20N	5819
SR1A-1	116	SR3AM-6B	5804	SR27V2E	2V017	SR150V1E	1V150	SR3003C	6090#	SS3704	312	ST2FR20P	5818
SR1A1	116	SR3AMB	125	SR28	116	SR150V2E	2V150	SR3004C	6090#	SS3735	312	ST2FR30N	5821
SR1A2	116	SR3AMB	125	SR28	116	SR151	116	SR3010	116	SS3927H	476	ST2FR30P	5820
SR1A-2	116	SR3AMB	125	SR28	116	SR151V1E	1V015	SR3582	116	SS3935	195A	ST2FR40N	5821
SR1A-4	116	SR3AMB	125	SR28	116	SR151V2E	2V095	SR3634	116	SS4001AE	4001B	ST2FR40P	5820
SR1A4	116	SR3AMB	125	SR30	116	SR152	116	SR6134	116	SS4002AE	4002B	ST2FR60N	5823
SR1A-8	116	SR3BM-6	116	SR30A-8R	5991	SR153	5940	SR6324	116	SS4011AE	4011B	ST2FR60P	5822
SR1A8	116	SR4	116	SR30A-8S	5990	SR153	5940	SR6325	116	SS4012AE	4012B	ST-2N6558	171
SR1A-12	117A	SR5	116	SR30A-12R	5995	SR180V1E	1V115	SR6335	116	SS4013AE	4013B	ST-2SA562Y	290A
SR1A12	116	SR5	116	SR30A-12S	5994	SR180V2E	2V115	SR6415	116	SS4023AE	4023B	ST-2SA673C	290A
SR1B	166	SR6	113A	SR30A-12S	5994	SR200	116	SR6560	116	SS4025AE	4025B	ST-2SA673C2	290A
SR1D1M	116	SR10	114	SR30A-2R	5999	SR200B	116	SR6567	116	SS4027AE	4027B	ST-2SA673D	290A
SR1DM	116	SR10A-2R	5875	SR30A-2S	6002	SR200PH-28R	6107	SR6617	116	SS4028AE	4028B	ST-2SA733P	290A
SR1DM-1	116	SR10A-2S	5874	SR30A-20S	6002	SR200PH-28S	6106	SR6684	552	SS4042	161	ST-2SA733Q	290A
SR1DM-2	5800	SR10A-4R	5875	SR30B500-250	166	SR200PH-32R	6107	SR6723	116	SS4292	346	ST-2SA733R(AU/E)	290A
SR1DM-4	116	SR10A-4S	5875	SR30C-2R	6007	SR200PH-32S	6106	SR6724	116	SS4312	278	ST-2SA733R(AU/E)	290A
SR1DMX	116	SR10A-6R	5879	SR30C-3S	6006	SR200PL-12R	6357	SR6724	116	SS5024H	316	ST-2SA733R(AU/E)	290A
SR1E	116	SR10A-6S	5878	SR30C-4R	6007	SR200PL-12S	6357	SR9000	118	SS5563	108	ST-2SA844C	234
SR1EM	116	SR10A-8R	5879	SR30C-4S	6006	SR200PL-16R	6359	SR9001	119	SS6111	154	ST-2SA1015-0(AU/B)	290A
SR1EM1	116	SR10A-8S	5878	SR30C-6R	6009	SR200PL-16S	6358	SR9002	113A	SS6513	129	ST-2SB561C(ECB)	159
SR1EM-1	116	SR10A-10R	5883	SR30C-6S	6009	SR200PL-20R	6359	SR9002	113A	SS9327	190	ST-2SB568C	398
SR1EM-2	116	SR10A-10S	5882	SR30C-8R	6009	SR200PL-20S	6358	SR9003	116(3)	SSA43	159	ST-2SB649AC	374
SR1EM-2	116	SR10A-12R	5883	SR30C-8S	6008	SR200PL-24R	6106	SR9005	120	SSA43A	159	ST-2SC383TM	85
SR1EM4	156	SR10A-12S	5882	SR30C-12R	6011	SR200PL-24S	6106	SR9005	120	SSA43A-1	159	ST-2SC383V	85
SR1EM-X	116	SR10A-16R	5887	SR30C-12S	6010	SR205	116	SR9007	125	SSA46A	159	ST-2SC388ATM-1	85
SR1FM	116	SR10A-16S	5886	SR31	116	SR210	5802	SR9007	125	SSA46A	159	ST-2SC454B	299A
SR1FM-1	116	SR10A-20R	5891	SR32	119	SR220	5802	SR9007	125	SSA48	159	ST-2SC454C	85
SR1FM2	116	SR10A-20S	5890	SR32	118	SR250B250	5355	SR9007	125	SSA48A	159	ST-2SC458	85
SR1FM-2	506	SR10D1	5870	SR32	118	SR250V1E	1V250	SR9007	125	SSD974	116	ST-2SC458C	85
SR1FM4	116	SR10D2	5874	SR33V1E	1V020	SR250V2E	2V250	SRF278	316	SS1120	5804	ST-2SC460	85
SR1FM-4	116	SR10D-2R	5875	SR33V2E	2V020	SR302	586	SRF393	316	SS180140	156	ST-2SC535	107
SR1FM6	116	SR10D-2S	5874	SR34	177	SR303	586	SRF400	316	SS180180	156	ST-2SC535B	107
SR1FM8	116	SR10D4	5844	SR35	116	SR304	586	SRF407	316	SS180640	156	ST-2SC605	313
SR1FM10	116	SR10D-4R	5875	SR35	125	SR390	116	SRF2072	333	SS180640	156	ST-2SC717	107
SR1FM12	116	SR10D-4S	5874	SR37	120	SR390	116	SRF2442K	363	SS180810	5802	ST-2SC785-0	229
SR1FM12	125	SR10D-6R	5879	SR37	120	SR390-2	117A	SRF3017	316	SS180820	5804	ST-2SC940	283
SR1FM16	125	SR10D-6S	5878	SR37	120	SR400DH-28	6107	SRF155740B	5547	SS180840	5806	ST-2SC945(AU/E)	85
SR1FM20	125	SR10D-8R	5879	SR39V1E	1V025	SR400DH-32	6107	SR1K-2	116	SS180840	5806	ST-2SC945(AU/E)	85
SR1FMA	116	SR10D-8S	5878	SR39V2E	2V025	SR400DL-10	6107	SR1K-4	116	SS180840	5806	ST-2SC945Q/A	85
SR1HM-2	506	SR10D-10R	5883	SR40	116	SR400DL-12	6107	SR1K-4	116	SS180880	5809	ST-2SC945Q/A	85
SR1HM-4	506	SR10D-10S	5883	SR47V1E	1V030	SR400DL-16	6107	SR1K-1	116	SS180880	5809	ST-2SC945R(AU/E)	85
SR1HM-8	552	SR10D-10S	5883	SR47V2E	2V030	SR400DL-20	6107	SR1K-1	116	SS180880	5809	ST-2SC1106	162
SR1HM-12	558	SR10D-12S	5882	SR50	116	SR400DL-24	6107	SR1K-1	116	SS180880	5809	ST-2SC1213C	289A
SR1HM-16	506	SR10D-16R	5887	SR50A-8R	6061	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K	116	SR10D-16S	5887	SR50A-8S	6060	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K	116	SR10D-16S	5887	SR50A-10R	6065	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K-0	116	SR10D-20S	5890	SR50A-10S	6064	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K-0	116	SR10D-20S	5890	SR50A-12R	6065	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K-04	116	SR10F-1S	5962	SR50A-12S	6064	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K08	116	SR10F-1S	5962	SR50A-16R	6069	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K08	116	SR10F-2R	5963	SR50A-16S	6068	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K1	116	SR10F-4R	5963	SR50A-20R	6073	SR401	116	SR1K-1	116	SS180880	5809	ST-2SC1213D-24	289A
SR1K1	116	SR10F-4S	5963	SR50A-20S	6072	SR401	116	SR1K-1	116	SS180880			

ST3-10 through ST-MPS9682.J

When basing of original part differs from ECG replacement, basing for original part is shown in parentheses () after the part number. For example, the 2SA509A(ECB) is replaced by ECG159 which has "EBC" basing.

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
ST-MPS9700D	123AP	STX0269	102A	SV1020	145A	SVDS2V40	5804	SW962-2P	9962	SY2114P-3	2114	SYL1608	100
ST-MPS9700E	123AP	STX3326	196	SV-1020A	145A	SVDS2V60	5806	SW963-2M	9963	SY2114P-4	2114	SYL1609	100
ST-MPS9700F	123AP	STX49007	941M	SV1238	116	SVDS3V40	5804	SW963-2M	9963	SY2128	2128	SYL1617	101
ST-MPS9700G	123AP	SV15	145A	SV1238E	116	SVDS4VB10	5312	SW1808-2P	9808	SY2128-3	2128	SYL1655	102
ST-MPS9750D	159	SU-31	109	SV-1238E	116	SVDS10VB20	5314	SW1808-2P	9808	SY2128-4	2128	SYL1655A	102A
ST-MPS9750F	159	SU44	6409	SV2002	6354	SVDS2C20	109	SW4066B	4066B	SY2147	2147	SYL1665	102
ST-MPS9750G	159	SU110	6401	SV2002K	6354	SVDSR1K2	116	SW7481	7481	SY2147-3	2147	SYL1665A	102A
ST-MPSH10	3032	SU112	6410	SV2002KH	6355	SVSDVD121	177	SW-10548	9937	SY2147C	2147	SYL1668	102A
STPT51	3032	SU190	6401	SV2002R	6354	SVSDVD122	116	SW-10549	9158	SY2147C-3	2147	SYL1668A	102A
STPT53	3032	SU204	6410	SV2004	6354	SV174LS42P	74LS42	SWC	125	SY2147D	2147	SYL1668A	102A
STPT80	3032	SU2076	312	SV2004K	6354	SVIAUPC577HF	1082	SWD	125	SY2147D-3	2147	SYL1690	100
STPT81	3032	SU2077	312	SV2004KH	6355	SVILA1231NS	1441	SWSC-7	4011B	SY2147L	2147	SYL1697	100
STPT82	3032	SU2080	312	SV2004R	6355	SVILA3300	1005	SWT1032	159	SY2147LC	2147	SYL1717	100
STPT83	3032	SU2081	312	SV2006	6356	SVILD3120	1019	SWT1042	123AP	SY2147LD	2147	SYL1750	101
STPT84	3032	SUB15-100	116	SV2006K	6356	SVIM54517P	2079	SWT1728	126A	SY2147LP	2147	SYL1941	101
STPT260	3036	SUC650	137A	SV2006KH	6357	SVINJM4559DD	778A	SWT3588	160	SY2147P	2147	SYL1987	101
STR101(Elcom)	5640	SUES11102	588	SV2006R	6357	SVINJM4559DS	778A	SW6.8	5120A	SY2147P-3	2147	SYL1987	101
STR103(Elcom)	5640	SUES11102	588	SV2006R	6357	SVI-ST020T	1025	SW8.2	5122A	SY5101	65101	SYL2120	100
STR106(Elcom)	5673	SUES11103	588	SV2008K	6358	SVISTK0029N	1320	SW9.1	5124A	SY5101C	65101	SYL2130	101
STR106(Elcom)	5673	SUES11104	587	SV2008KH	6359	SVISTK0029N	1320	SW10	5125A	SY5101C-1	65101	SYL2130	101
STR117	5682	SUES1304	588	SV2008R	6359	SVI-STK018	1139	SW11	5126A	SY5101C-3	65101	SYL2131	101
STR125	5682	SUM6011	137A	SV2010	6358	SVI-STK020F	1025	SW12	5127A	SY5101C-8	65101	SYL2131	101
STR130	5673	SUM6011	137A	SV2010K	6358	SVIT74128P	1462	SW13	5128A	SY5101D	65101	SYL2132	101
STR201(Elcom)	5641	SUM6021	137A	SV2010KH	6359	SVIT7418P	1468	SW15	5130A	SY5101D-1	65101	SYL2132	101
STR202(Elcom)	5641	SUM6021	137A	SV2010R	6359	SVIUPC1161C	1489	SW16	5131A	SY5101D-3	65101	SYL2134	103A
STR203(Elcom)	5641	SV01A	116	SV2052	5209A	SVIUPD4066C	4066B	SW18	5133A	SY5101D-8	65101	SYL2134	103
STR206	5673	SV-01B	116	SV2058	5190AK	SV-KB262	605A	SW20	5135A	SY5101P	65101	SYL2135	103A
STR206(Elcom)	5673	SV-02	605A	SV3144	5002A	SVM6102	137A	SW22	5136A	SY5101P-1	65101	SYL2135	103
STR208	5673	SV-02(rectifier)	116	SV4012	142A	SVM6101	137A	SW27	5137A	SY5101P-3	65101	SYL2136	103A
STR208(Elcom)	5673	SV02A	116	SV4012A	142A	SVM601	137A	SW30	5141A	SY5101P-8	65101	SYL2136	103
STR217	5673	SV-03	605A	SV4014	144A	SVM602	137A	SW33	5142A	SY6502	6502	SYL2189	160
STR225	5683	SV-03S	605A	SV4015	144A	SVM605	137A	SW36	5143A	SY6532C	6532	SYL2245	101
STR225(Elcom)	5673	SV-03Y	606	SV4015A	145A	SVM6010	137A	SW38	5144A	SY6532D	6532	SYL2246	101
STR230	5667A	SV-04	605A	SV4015A	145A	SVM6011	137A	SW43	5145A	SY6532P	6532	SYL2246	101
STR230(Elcom)	5673	SV-04	605A	SV4018	5027A	SVM6020	137A	SW47	5146A	SY6821	6821	SYL2247	100
STR380	1548	SV04S	607	SV4018A	5027A	SVM6021	137A	SW51	5147A	SY6821P	6821	SYL2248	100
STR380-1A	1548	SV-04Y	607	SV4027	146A	SVM11020	141A	SW55	5148A	SY61583	176	SYL2248	102
STR380-2	1548	SV-05	116	SV4027-6	146A	SVT6000	98	SW58	5149A	SY6201	614	SYL2248A	102A
STR381	1546	SV1SN76115NA	801	SV4027A	146A	SVT6001	98	SW60M	154	SYC2114	2114	SYL2249	102
STR381-1A	1546	SV-3	177	SV4033	147A	SVT6002	98	SW61	129	SYC2114-3	2114	SYL2249	100
STR381-2	1546	SV-3A	605A	SV4033A	147A	SVT6009	98	SW64	129	SYC2114-4	2114	SYL2249A	102A
STR381A	1546	SV-3B	177	SV4055	148A	SVT6061	98	SW68	159	SYC2128	2128	SYL2250	100
STR382	1553	SV-3C	177	SV4055A	148A	SVT6062	98	SW68	5150A	SYC2128-3	2128	SYL2250	100
STR383	1719	SV-4A	605A	SV4062	149A	SVT6251	97	SW62	5150A	SYC2128-4	2128	SYL2300	102
STR385	1553	SV5KV	540	SV4062A	149A	SVT6252	97	SW68	5151A	SYC2716	2716	SYL2300	108
STR403(Elcom)	5642	SV-7	138A	SV4082	150A	SVT6253	394	SW75	5152A	SYC6502	6502	SYL2300A	102A
STR406	5667A	SV-8	177	SV4082A	150A	SVV1220XXXX	116	SW75	5152A	SYC6507	6507	SYL2300	108
STR406(Elcom)	5675	SV-9	601	SV11021	141A	SVVD1221LXXXX	605A	SW91	5155A	SYD2114-3	2114	SYL2361	102
STR408	5667A	SV-9(Zener)	139A	SV12388	116	SW0.1	142A	SW100	5156A	SYD2114-4	2114	SYL3613A	102A
STR408(Elcom)	5667A	SV-9(Rectifier)	139A	SV12388	116	SW05	5800	SW110	5157A	SYD2128	2128	SYL4131	108
STR411	5616	SV-9(Diode)	177	SV12388E	116	SW-05	5800	SW120	5158A	SYD2128-3	2128	SYL4131	108
STR417	5685	SV28	5063A	SV-BZX79C10V	5019A	SW-05-005	116	SW130	5159A	SYD2128-4	2128	SYL4275	159
STR417(Elcom)	5675	SV29	5065A	SVC0053	614	SW05-01	116	SW160	5160A	SYL-101	101	SYL4280	128
STR418(Elcom)	5635	SVC-101	109	SVC101	610	SW05-02	116	SW180	5161A	SYL101	101	SYL4315	103
STR425	5685	SV30(Zener)	5066A	SVC112	616	SW05-02	116	SW190	5162A	SYL102	101	SYL4315	103A
STR425(Elcom)	5685	SV-31	109	SVC112	616	SW05A	116	SW200	5163A	SYL103	103	SYL4339	101
STR430	5667A	SV31(Transistor)	158	SVC201	613	SW05B	116	SW210	5164A	SYL103	103	SYL4339	101
STR430(Elcom)	5675	SV-31(DIODE)	109	SVC201	613	SW05C	125	SW220	5165A	SYL103	103A	SYL4339	101
STR729	1546	SV31(Zener)	134A	SVC201Y	613	SW05D	125	SW230	5166A	SYL104	103A	SYL4339	101
STR3115	1740	SV31(Diode)	134A	SVC211	616	SW05E	116	SW240	5167A	SYL104	103	SYL4339	101
STR3123	1741	SV32	5067A	SVC211AC	617	SW05F	116	SW250	5168A	SYL105	100	SYL4339	101
STR3125	1741	SV33	5068A	SVC251	614	SW05G	116	SW260	5169A	SYL106	100	SYL4339	101
STR3130	1742	SV34	5069A	SVC251	614	SW05H	116	SW270	5170A	SYL106	100	SYL4339	101
STR3135	1743	SV36	136A	SVC303Y	618	SW05I	116	SW280	5171A	SYL107	100	SYL4339	101
STS104	284	SV37	137A	SVC303YAK	618	SW1	156	SW290	5172A	SYL107	100	SYL4339	101
STS105	284	SV38	5071A	SVC311	618	SW1-01	156	SW300	5173A	SYL107A	102A	SYL4339	101
STS106	284	SV39	138A	SVC321AC	618	SW1-02	156	SW310	5174A	SYL108	100	SYL4339	101
STS107	284	SV40	5072A	SVC321Y	618	SW1A	116	SW320	5175A	SYL108	100	SYL4339	101
STS401	283	SV41	139A	SVC625	137A	SW1C	125	SW330	5176A	SYL108	100	SYL4339	101
STS402	283	SV42	140A	SVC650	137A	SW1D	125	SW340	5177A	SYL108	100	SYL4339	101
STS403	283	SV43	5074A	SVC1125	141A	SW4F013	291	SW350	5178A	SYL108	100	SYL4339	101
STS409	283	SV44	142A	SVC1150	141A	SW705-2M	9093	SW360	5179A	SYL108	100	SYL4339	101
STS410	94	SV45	143A	SVC2028.2A	5072A	SW705-2P	9093	SW370	5180A	SYL108	100	SYL4339	101
STS411	94	SV46	145A	SVD0229.5A	139A	SW706-2M	9099	SW380	5181A	SYL108	100	SYL4339	101
STS413	283	SV47	5075A	SVD0A79	109	SW706-2P	9099	SW390	5182A	SYL108	100	SYL4339	101
STS430	385	SV48	5077A	SVD-1S1717	139A	SW708-2P	9094	SW400	5183A	SYL108	100	SYL4339	101
STS431	385	SV49	5079A	SVD1S1717	139A	SW708-2P	9094	SW410	5184A	SYL108	100	SYL4339	101
STT4451	186	SV50	5080A	SVD1S1850	116	SW709-2M	9097	SW420	5185A	SYL108	100	SYL4339	101
STV-3H	605A	SV51	5081A	SVD-1S1850R	116(2)	SW709-2P	9097	SW430	5186A	SYL108	100	SYL4339	101
STX0010	175	SV52	146A	SVD10D-1	116	SW930-2M	9930	SW440	5187A	SYL108	100	SYL4339	101
STX0011	129	SV53	5084A	SVD12B2B1P-M	166	SW932-2M	9932	SW450	5188A	SYL108	100	SYL4339	101
STX0013	184	SV54	147A	SVD20A79	109	SW932-2M	9932	SW460	5189A	SYL108	100	SYL4339	101
STX0014	130	SV121	135A	SVD20A79	109	SW932-2M	9932	SW470	5190A	SYL108	100	SYL4339	101
STX0015	124	SV122	135A	SVDAS2HB10	156	SW933-2M	9933	SW480	5191A	SYL108	100	SYL4339	101
STX0016	175	SV123	136A	SVDEQA0112R	142A	SW933-2P	9933	SW490	5192A	SYL108	100	SYL4339	101
STX0020	185	SV124	5070A	SVDEQA0113RA	5022A	SW935-2M	9935	SW500	5193A	SYL108	100	SYL4339	101
STX0026	184	SV127	138A	SVDMA26	117A	SW935-2P	9935	SW510	5194A	SYL108	100		

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
SZ20C	5135A	T0.8N0.6A00	5408	T1-906	159	T1P29C	291	T1P61A	152	T1R09	125	T1T	755
SZ22B	5080A	T0.8N1 A00	5408	T1A	704	T1P29X	291	T1P61B	331	T1R10	125	T1T	917
SZ22C	5136A	T0.8N2 A00	5408	T1A727	222	T1P29XA	291	T1P61C	331	T1S-03	159	T1X-M14	161
SZ24B	5081A	T0.8N3 A00	5409	T1B	703	T1P30	292	T1P62	153	T1S03	159	T1X-M15	108
SZ24C	5137A	T0.8N4 A00	5409	T1C22	5667A	T1P30A	292	T1P62A	153	T1S03A	159	T1X-M16	161
SZ27B	146A	T0.8N5 A00	5410	T1C23	5667A	T1P30B	292	T1P62B	332	T1S04	159	T1X-M17	108
SZ27C	5139A	T01-013	123A	T1C44(AGK)	5400	T1P30C	292	T1P62C	332	T1S04A	159	T1X-M18	108
SZ30B	5084A	T01-014	123A	T1C45(AGK)	5401	T1P-31	152	T1P-73	331	T1S5A	159	T1X-M19	108
SZ30C	5141A	T01-021	121	T1C46(AGK)	5402	T1P31	152	T1P73	331	T1S5B	159	T1X-M20	108
SZ33B	147A	T01-022	128	T1C47(AGK)	5404	T1P31A	152	T1P73A	331	T1S-18	229	T1X-M21	108
SZ33C	5142A	T01-023	159	T1C54	6407	T1P31A	291	T1P-73A	331	T1S18	229	T1Y	917
SZ36B	5085A	T01-030	152	T1C55	6406B	T1P31A	152	T1P73B	331	T1S22	123A	T1Z	722
SZ56A	5117A	T01-044	312	T1C56	6407	T1P31B	331	T1P-73B	331	T1S23	123A	T2A(L.C.)	798
SZ62A	5119A	T01-047	199	T1C57	6406B	T1P31B	291	T1P73C	331	T1S24	108	T2A(Motorola)	722
SZ68A	5120A	T01-101	123A	T1C60	5400	T1P31B	331	T1P-73C	331	T1S34	312	T2A(Transistor)	172A
SZ75A	5121A	T01-104	123A	T1C61	5401	T1P31C	291	T1P100	263	T1S37	159	T2C	722
SZ82A	5122A	T01-105	123A	T1C62	5402	T1P31C	291	T1P105	264	T1S37A	159	T2E	753
SZ91A	5124A	T03323	100	T1C63	5404	T1P-31C	291	T1P107	264	T1S38A	159	T2F	718
SZ119	5081A	T065	116	T1C64	5404	T1P32	153	T1P110	264	T1S41	466	T2G	723
SZ-120	5021A	T065	116	T1C106A	5437	T1P-32	153	T1P111	261	T1S42	312	T2G(Diode)	109
SZ-120(AU)	5021A	T075	116	T1C106B	5437	T1P-32A	153	T1P112	261	T1S43	6405	T2G(L.C.)	723
SZ-150	145A	T-075	116	T1C106C	5437	T1P32A	153	T1P115	262	T1S44	123A	T2J	708
SZ150	145A	T0-101	100	T1C106D	5437	T1P32A	292	T1P116	262	T1S45	123A	T2L	772A
SZ200	135A	T0101	100	T1C106F	5437	T1P32B	153	T1P117	262	T1S46	123A	T2M	781
SZ200-5	135A	T0102	100	T1C106Y	5437	T1P32B	292	T1P120	261	T1S47	123A	T2N	789
SZ-200-8	139A	T0-102	100	T1C116A	5462	T1P32B	292	T1P121	261	T1S48	123A	T2N-1	789
SZ200-8.2	5072A	T-0150	116	T1C116B	5463	T1P32C	292	T1P125	262	T1S49	123A	T2R	778A
SZ-200-9V	139A	T0150	116	T1C116C	5465	T1P-32C	292	T1P-26	262	T1S50	159	T2S4A95-O	290A
SZ-200-13	143A	T0225X	5534A	T1C116D	5465	T1P32C	291	T1P-27	262	T1S51	123A	T2S4A82-O	290A
SZ-200-15	145A	T0253	314	T1C116F	5461	T1P33	390	T1P127	262	T1S52	123A	T2S4A90	398
SZ-200-15A	145A	T0425X	5534A	T1C126A	5462	T1P-33	390	T1P130	261	T1S53	159	T2S4A94	398
SZ671-T	142A	T0503	314	T1C126B	5463	T1P33A	390	T1P131	261	T1S54	159	T2S4A95	107
SZ671-G	142A	T0509BH	5608	T1C126C	5465	T1P33A	390	T1P132	261	T1S55	123A	T2S4A96	94
SZ671-O	5074A	T0509DH	5608	T1C126D	5465	T1P33A	390	T1P135	262	T1S56	123A	T2SC1829S	86
SZ671-W	5074A	T0509MH	5609	T1C126E	5466	T1P33B	390	T1P136	262	T1S57	123A	T2SC1893S	389
SZ961-B	145A	T0509NH	5610	T1C126F	5461	T1P33B	390	T1P137	262	T1S58	123A	T2SC1894S	238
SZ961-R	144A	T0510BH	5608	T1C126M	5466	T1P33B	390	T1P140	270	T1S59	290A	T2SC2068	376
SZ961-Y	144A	T0510DH	5608	T1C205A	5651	T1P33C	390	T1P141	270	T1S59	312	T2SC2068-1	376
SZ1200	148A	T0510MH	5610	T1C205B	5652	T1P33C	390	T1P141T	2343	T1S60	123A	T2SC2073	375
SZ11763	151A	T0512BH	5608	T1C222B	5673	T1P-34	391	T1P142	270	T1S60A	128	T2SC2120V	289A
SZ13447	5009A	T0512DH	5608	T1C222D	5675	T1P34	391	T1P142T	2343	T1S60B	128	T2SC2229-O	399
SZ13448	5014A	T0512MH	5609	T1C222E	5677	T1P34A	391	T1P143	271	T1S60C	128	T2SC2229Y	399
SZ13450	5066A	T0512NH	5610	T1C226B	5600A	T1P34A	391	T1P145T	2344	T1S60D	128	T2SC2230AY	399
SZ13451	136A	T0609BH	5608	T1C226D	5600C	T1P34A	391	T1P146	271	T1S60E	128	T2SD657S	162
SZ13452	137A	T0609DH	5608	T1C232B	5673	T1P34B	391	T1P146T	2344	T1S60F	128	T2T	788
SZ13453	139A	T0609MH	5609	T1C232D	5675	T1P34B	391	T1P147	271	T1S60G	128	T2T-1	788
SZ13454	140A	T0609NH	5610	T1C232E	5677	T1P34B	391	T1P147T	2344	T1S61	159	T2T-2	788
SZ13455	146A	T0610BH	5608	T1C236A	5600A	T1P34B	391	T1P160	2316	T1S61A	159	T2V	736
SZ13456	5103A	T0610BH	5608	T1C236D	5600C	T1P34C	391	T1P161	2316	T1S61B	129	T3/2	116
SZ14026	5077A	T0610DH	5608	T1C242B	5673	T1P34C	391	T1P162	2316	T1S61C	129	T3-6	343
SZ1413	143A	T0610DJ	5638	T1C242D	5675	T1P-35	392	T1P148	331	T1S61D	129	T3-13	344
SZ1410	156	T0610MH	5608	T1C242E	5677	T1P35	392	T1P501	2825	T1S61E	129	T3-20	342
SZ-AW01-11	5074A	T0610NH	5610	T1C252B	5683	T1P35A	392	T1P502	2825	T1S61M	129	T3-27	341
SZ-BZ-110	5074A	T0612BJ	5638	T1C252D	5685	T1P35A	392	T1P503	175	T1S62	108	T3A	743
SZ-BZ-120	142A	T0612DJ	5638	T1C252E	5687	T1P35B	392	T1P505	95	T1S63	108	T3A-1	743
SZC9	139A	T0625X	5534A	T1C252M	5687	T1P35B	392	T1P506	95	T1S64	108	T3A-2	743
SZ-EQB01-12A	142A	T0680	139A	T1C262B	5685	T1P35B	392	T1P509	328	T1S71	123A	T3B	941M
SZ-HZ5C1	5010T1	T0809BH	5608	T1C262D	5687	T1P35B	392	T1P510	328	T1S72	123A	T3G	109
SZ-HZ9B3	5018A	T0809DH	5608	T1C262E	5687	T1P35C	392	T1P515	328	T1S73	467	T3N0.5POB	5461
SZ-HZ12A2	5021T1	T0809MH	5609	T1C262M	5687	T1P35C	392	T1P516	327	T1S73(GDS)	466	T3N0.6000	5470
SZ-HZ20-04	5022A	T0809NH	5610	T1C272B	5683	T1P36	392	T1P525	385	T1S74(GDS)	466	T3N1POB	5462
SZL9	5185A	T0810BH	5608	T1C272D	5685	T1P-36	392	T1P526	73	T1S78	312	T3N2POB	5463
SZL10	5186A	T0810BJ	5638	T1C272E	5687	T1P36	393	T1P530	384	T1S79	312	T3N4POB	5465
SZ-L44102	1228	T0810DH	5608	T1C272M	5687	T1P36A	393	T1P531	386	T1S82	186	T3N50	5470
SZ-RD3.3EB	5005A	T0810MH	5609	T1C2420	5677	T1P36A	393	T1P532	386	T1S83	123A	T3N50COB	5470
SZ-RD3.9EB2	5007A	T0810NH	5610	T1E	748A	T1P36A	393	T1P535	385	T1S84	108	T3N50T	5470
SZ-RD5.1EB	135A	T0812BH	5638	T1G	109	T1P36B	393	T1P536	385	T1S85	108	T3N100	5471
SZ-RD6.2EB	5013A	T0812BJ	5638	T1H	710	T1P36B	393	T1P537	386	T1S86	107	T3N100COB	5471
SZ-RD6.2EB	137A	T0812DH	5635	T1J	718	T1P36B	393	T1P538	386	T1S87	107	T3N100T	5471
SZ-RD6.2EB3	5013A	T0812MH	5637	T1J	718	T1P36C	393	T1P539	386	T1S88	312	T3N200	5472
SZ-RD9.1EB2	5018A	T0813BH	5645	T1J6G	116	T1P36C	393	T1P540	386	T1S88	312	T3N200COB	5472
SZ-RD10EB	5019A	T0813DJ	5645	T1K	98	T1P36C	393	T1P541	2825	T1S90	123A	T3N200T	5472
SZ-RD10EB3	5020A	T0813MH	5645	T1L31	3028	T1P41	331	T1P544	285	T1S90-2	123A	T3N300	5474
SZ-RD11EB2	5020A	T01003	314	T1L112	3040	T1P41	331	T1P545	285	T1S91	159	T3N300COB	5474
SZ-RD11EB2	5020A	T02003	314	T1L115	3040	T1P41A	331	T1P546	285	T1S91A	159	T3N300T	5474
SZ-RD12B(AU)	5021A	T03003	314	T1L117	3041	T1P41A	331	T1P552	165	T1S92	123A	T3N400	5474
SZ-RD12EB	5021A	T04003	314	T1L118	3040	T1P41A	331	T1P553	165	T1S92-BLU	123A	T3N400COB	5474
SZ-RD12EB3	5021A	T1-04689	128	T1L119	3045	T1P41B	331	T1P558	283	T1S92-GRN	123A	T3N400T	5474
SZ-RD12FB	142A	T0A1748V	1171	T1L124	3041	T1P41B	331	T1P559	283	T1S92-GRY	123A	T3N500	5476
SZ-RD12FB2	142A	T0A2709P	909D	T1L125	3041	T1P41C	331	T1P560	283	T1S92M	128	T3N500COB	5476
SZ-RD13EB1	5022A	T0A2709P	909D	T1L127	3041	T1P41C	331	T1P561	283	T1S92-VIO	123A	T3N500T	5476
SZ-RD24EB	5031A	T0A2711E	941D	T1L127	3084	T1P41C	331	T1P562	283	T1S92-YEL	123A	T3N600	5476
SZT8	142A	T0A2711V	941	T1L128	3084	T1P42	332	T1P563	283	T1S93	159	T3N600COB	5476
SZT9	139A	T0A2748V	1171	T1L143	3100	T1P42	332	T1P600	247	T1S93A	159	T3N600T	5476
SZT-9	139A	T0C058	5655	T1L144	3100	T1P42A	332	T1P601	247	T1S93-BLU	159	T3N600T	5476
SZ-UZ-6.2B	5013A	T0C059B	5655	T1L145	3101	T1P42A	332	T1P602	247	T1S93-GRN	159	T3N1000	5471
SZ-UZ-6.2B	5013A	T0C058T	5655	T1L146	3101	T1P42A	332	T1P605	248	T1S93-GRY	159	T3N2000	5472
SZ-UZ-12B	5021A	T0C058V	5655	T1L153	3041	T1P42B	332	T1P606	248	T1S93M	129	T3N3000	5474
SZ-UZ-12B	5021A	T0C108	5655	T1L154	3041	T1P42B	332	T1P607	248	T1S93-VIO	159	T3N4000	5

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
T8N100COB.....	5502	T47.....	102A	T74LS85.....	74LS85	T74LS195.....	74LS195A	T106C1SH.....	5629	T-200.....	116	T511F.....	5700
T8N200COB.....	5504	T48.....	102A	T74LS85B1.....	74LS85	T74LS195B1.....	74LS195A	T106C1SS.....	5629	T201AV.....	1171	T512.....	5700
T8N300COB.....	5507	T-48.....	100	T74LS85D1.....	74LS85	T74LS195D1.....	74LS195A	T106C2.....	5457	T-203.....	107	T512F.....	5700
T8N400COB.....	5507	T50.....	116	T74LS85E1.....	74LS85	T74LS196.....	74LS196	T106C2SC.....	5629	T222.....	162	T521.....	5701
T8N500COB.....	5509	T50.....	102A	T74LS86B1.....	74LS86	T74LS196B1.....	74LS196	T106C2SD.....	5629	T225.....	162	T521F.....	5701
T8W40F1.....	2308	T51A.....	6007	T74LS86D1.....	74LS86	T74LS197.....	74LS197	T106C2SG.....	5629	T230PA5.....	5650	T522.....	5701
T8Y40F1.....	2308	T51B.....	6007	T74LS890.....	74LS890	T74LS197B1.....	74LS197	T106C2SH.....	5629	T-235.....	121	T522F.....	5701
T9.....	109	T52A.....	6006	T74LS90B1.....	74LS90	T74LS251.....	74LS251	T106C2SS.....	5629	T235A013-2.....	123A	T541.....	5702
T9G.....	109	T52B.....	6006	T74LS90D1.....	74LS90	T74LS251B1.....	74LS251	T106C3.....	5457	T237.....	123A	T542.....	5702
T9G0060803DH.....	5598	T52C.....	6006	T74LS92.....	74LS92	T74LS251D1.....	74LS251	T106C4.....	5457	T246.....	129	T-550.....	116
T9G0061003DH.....	5598	T53A.....	5819	T74LS92B1.....	74LS92	T74LS253.....	74LS253	T106D1.....	5457	T-246.....	159	T550.....	116
T9G0080803DH.....	5599	T53B.....	5819	T74LS93.....	74LS93	T74LS253B1.....	74LS253	T106D1SC.....	5629	T247.....	128	T551.....	5703
T9G0081003DH.....	5599	T53C.....	5819	T74LS93B1.....	74LS93	T74LS253D1.....	74LS253	T106D1SD.....	5629	T-251.....	159	T552.....	5703
T9G0081203DH.....	5599	T53T.....	5819	T74LS93D1.....	74LS93	T74LS257.....	74LS257	T106D1SH.....	5629	T253.....	160	T572G6A.....	6402
T9G0100803DH.....	5599	T54A.....	5818	T74LS95.....	74LS95B	T74LS257B1.....	74LS257	T253(SEARS).....	160	T253.....	160	T576-1.....	161
T9G0101003DH.....	5599	T54B.....	5818	T74LS95B1.....	74LS95B	T74LS257D1.....	74LS257	T255.....	123A	T255.....	123A	T581.....	5705
T9G0101203DH.....	5599	T54C.....	5818	T74LS95D1.....	74LS95B	T74LS258.....	74LS258	T106D2.....	5457	T-255.....	123A	T582.....	5705
T9G0120803DH.....	5599	T54T.....	5818	T74LS109.....	74LS109A	T74LS258B1.....	74LS258	T106D2SC.....	5629	T-256.....	123A	T597-1.....	159
T9G0121003DH.....	5599	T59.....	102A	T74LS109B1.....	74LS109A	T74LS258D1.....	74LS258	T106D2SG.....	5629	T256.....	123A	T-600.....	116
T9G0121203DH.....	5599	T60.....	102A	T74LS109D1.....	74LS109A	T74LS259.....	74LS259	T257.....	124	T257.....	124	T600.....	116
T10M02F3.....	2319	T61.....	102A	T74LS112.....	74LS112A	T74LS259B1.....	74LS259	T106D2SH.....	5629	T261.....	124	T611-1.....	152
T10M3.....	53	T72.....	102A	T74LS112B1.....	74LS112A	T74LS259D1.....	74LS259	T106D2SS.....	5629	T271.....	175	T611-1(RCA).....	184
T10M40.....	53	T74LS00.....	74LS00	T74LS112D1.....	74LS112A	T74LS259B1.....	74LS259	T106D2SD.....	5629	T276.....	159	T612-1.....	152
T10M40F1.....	53	T74LS00B1.....	74LS00	T74LS113.....	74LS113	T74LS259D1.....	74LS259	T106D2SH.....	5629	T278.....	160	T612-1(RCA).....	184
T10M40F2.....	2308	T74LS00D1.....	74LS00	T74LS113B1.....	74LS113	T74LS266.....	74LS266	T106F1.....	5453	T278.....	160	T615A002.....	123A
T10M40F3.....	2319	T74LS00D1.....	74LS00	T74LS114.....	74LS114	T74LS266B1.....	74LS266	T106F1SC.....	5629	T279.....	160	T615A006-1.....	123A
T10W40F1.....	2308	T74LS02B1.....	74LS02	T74LS114B1.....	74LS114	T74LS266D1.....	74LS266	T106F1SD.....	5629	T-279.....	160	T626(SEARS).....	165
T10W40F2.....	2308	T74LS02D1.....	74LS02	T74LS125.....	74LS125A	T74LS279.....	74LS279	T106F1SH.....	5629	T280.....	160	T650.....	116
T10W40F3.....	2311	T74LS04B1.....	74LS04	T74LS125B1.....	74LS125A	T74LS279B1.....	74LS279	T106F1SS.....	5629	T280(SEARS).....	160	T-650.....	116
T10Y40F1.....	2308	T74LS04D1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T280(SEARS).....	160	T281.....	160	T650(Transistor).....	123A
T11.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2.....	5453	T281.....	160	T699(Zenith).....	159
T12.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SC.....	5629	T281(SEARS).....	160	T800.....	125
T12-1.....	177	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T800X.....	125
T12-2.....	177	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T811.....	160
T12A.....	177	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T814.....	158
T12B.....	177	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T815.....	158
T12C.....	177	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T815(Zenith).....	194
T12G.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T841.....	181
T12N100COB.....	5542	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T842.....	181
T12N200COB.....	5543	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T843.....	181
T12N300COB.....	5545	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T844.....	181
T12N400COB.....	5545	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T900B1.....	1624
T12N500COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T900RT-K.....	1624
T12N600COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T13.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT-T.....	1624
T-13.....	116	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T13G.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T-13G.....	116	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T-14.....	116	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T14.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T14G.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T14G.....	116	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15N400COA.....	5545	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15N400COB.....	5545	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15N500COA.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15N500COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15N600COA.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15N600COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15.1N100COB.....	5542	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15.1N200COB.....	5543	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15.1N300COB.....	5545	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15.1N400COB.....	5545	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15.1N500COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T15.1N600COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T16.....	177	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T16N400COB.....	5545	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T16N500COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T16N600COB.....	5547	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17.....	109	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17-A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04	T74LS125D1.....	74LS125A	T74LS279D1.....	74LS279	T106F2SS.....	5629	T282.....	160	T911BT.....	1624
T17A.....	138A	T74LS04B1.....	74LS04										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
T1213DH	58006	T1657	160	T2302B	5651	T3539	108	T7441AB1	7441	T-52148Z	100	T6070118B4BT	5374
T1213DJ	58020	T1679	123A	T2302C	5652	T3565	123A	T7441AD1	7441	T52148Z	100	T6070213B4BT	5374
T1213MH	56008	T1690	160	T2302D	5652	T3568	107	T7442B1	7442	T52149Z	100	T6070315B4BT	5374
T1213NH	56010	T1691	160	T2302F	5650	T3568(RCA)	108	T7442D1	7442	T52149Z	100	T6070318B4BT	5374
T1224	160	T1692	160	T2302PA	5650	T3570	159	T7443B1	7443	T52149Z	100	T6070318B4BT	5374
T1225	160	T1706	128	T2302PA5	5650	T3570A	159	T7443D1	7443	T52149Z	100	T6070318B4BT	5374
T1232	160	T1706A	128	T2302PB	5651	T3601	123A	T7444B1	7444	T52150	102A	T6070413B4BT	5374
T1233	160	T1706B	128	T2302PB5	5651	T3601(RCA)	107	T7444D1	7444	T52150Z	102A	T6070418B4BT	5374
T1250	160	T1706C	128	T2302PD	5652	T4100E	5690	T7450B1	7450	T52150Z	102A	T6070513B4BT	5374
T1251	100	T1710J	910D	T2302PD5	5652	T4100F	5688	T7450D1	7450	T52151	102A	T6070515B4BT	5374
T1275	129	T1710V	910	T2303A	5640	T4100M	5690	T7451B1	7451	T52151	102A	T6070613B4BT	5374
T1276	129	T1711J	911D	T2303B	5640	T4101E	5690	T7451D1	7451	T52151Z	102A	T6070618B4BT	5374
T1289	100	T1711V	911	T2303D	5642	T4101F	5688	T7453B1	7453	T52151Z	102A	T6070713B4BT	5374
T1291	100	T1723J	923D	T2303F	5640	T4101M	5690	T7453D1	7453	T52151Z	102A	T6070718B4BT	5374
T1298	160	T1723V	923	T2303M	5643	T4110M	5677	T7454B1	7454	T52151Z	102A	T6070718B4BT	5374
T1299	160	T1731	222	T2303PA	5640	T4111M	5677	T7454D1	7454	T52151Z	102A	T6070718B4BT	5374
T1300	102A	T1737	160	T2303PB	5640	T4121M	56026	T7460B1	7460	T52151Z	102A	T6070813B4BT	5374
T1305	160	T1738	160	T2303PC	5642	T4140B	5679	T7460D1	7460	T52151Z	102A	T6070818B4BT	5374
T1306	160	T1740	102A	T2303PD	5642	T4140D	5679	T7472B1	7472	T52151Z	102A	T6070818B4BT	5374
T1310	102A	T1746	123A	T2303PF	7493A	T4140F	5679	T7472D1	7472	T52151Z	102A	T6070818B4BT	5374
T1312	100	T1746A	123A	T2312A	5640	T4150B	5679	T7473B1	7473	T52151Z	102A	T6070913B4BT	5374
T1314	160	T1746B	123A	T2312B	5641	T4150D	5679	T7473D1	7473	T52151Z	102A	T6070918B4BT	5374
T1322	100	T1746C	123A	T2312D	5642	T4150F	5679	T7474B1	7474	T52151Z	102A	T6071013B4BT	5374
T1326	100	T1747V	947	T2312F	5640	T4446(Zener)	137A	T7474B1	7474	T52151Z	102A	T6071018B4BT	5374
T1327	102A	T1748	123A	T2320A	5629	T-4590	116	T7475B1	7475	T52151Z	102A	T6071113B4BT	5374
T1328	102A	T1748A	123A	T2320B	5629	T4590	110MP	T7475D1	7475	T52151Z	102A	T6071118B4BT	5374
T1334	102A	T1748B	123A	T2320C	5629	T4706B	56004	T7476B1	7476	T52151Z	102A	T6071118B4BT	5374
T1340A3H	128	T1748C	123A	T2320D	5629	T4706D	56006	T7476D1	7476	T52151Z	102A	T6071118B4BT	5374
T1340A3J	123A	T1788	160	T2320F	5629	T6025	126A	T7481B1	7481	T52151Z	102A	T6071118B4BT	5374
T1340A3J	123A	T1802	123A	T2322	126A	T-6028	126A	T7481D1	7481	T52151Z	102A	T6071118B4BT	5374
T1340A3K	123A	T1802A	123A	T2322A	5629	T6029	126A	T7483B1	7483	T52151Z	102A	T6071118B4BT	5374
T1340A3J	123A	T1802B	123A	T2322B	5629	T-6029	126A	T7483D1	7483	T52151Z	102A	T6071118B4BT	5374
T1341A3K	199	T1804	123A	T2322C	5629	T-6030	126A	T7486B1	7486	T52151Z	102A	T6071118B4BT	5374
T1342	102A	T1805	123A	T2322D	5629	T6030	126A	T7486D1	7486	T52151Z	102A	T6071118B4BT	5374
T1346	102A	T1808	129	T2322F	5629	T6031	126A	T7490B1	7490	T52151Z	102A	T6071118B4BT	5374
T1352	102A	T1808A	129	T2323	126A	T-6031	126A	T7490D1	7490	T52151Z	102A	T6071118B4BT	5374
T1363	126A	T1808B	129	T2323A	5629	T-6032	126A	T7492B1	7492	T52151Z	102A	T6071118B4BT	5374
T1363	102A	T1808C	129	T2323B	5629	T6032	126A	T7492D1	7492	T52151Z	102A	T6071118B4BT	5374
T1364	126A	T1808D	129	T2323C	5629	T6033	126A	T7493B1	7493A	T52151Z	102A	T6071118B4BT	5374
T1364	102A	T1808E	129	T2323D	5629	T6260B	5679	T7493D1	7493A	T52151Z	102A	T6071118B4BT	5374
T1366	104	T1810	123A	T2323F	5629	T6260C	5679	T9011A1C	123A	T52151Z	102A	T6071118B4BT	5374
T1366A	104	T1810B	123A	T2324	126A	T6260D	5679	T9011A1G	123A	T52151Z	102A	T6071118B4BT	5374
T1367	104	T1811	128	T2327A	5629	T6260E	5679	T9011C	108	T52151Z	102A	T6071118B4BT	5374
T1367A	104	T1811E	128	T2327B	5629	T6260F	5679	T9011EF	108	T52151Z	102A	T6071118B4BT	5374
T1368	104	T1811G	128	T2327C	5629	T6261B	5679	T9011G	108	T52151Z	102A	T6071118B4BT	5374
T1368A	104	T1814	160	T2327D	5629	T6261C	5679	T9011H	108	T52151Z	102A	T6071118B4BT	5374
T1369	104	T1831	160	T2327F	5629	T6261D	5679	T9011I	108	T52151Z	102A	T6071118B4BT	5374
T1369A	104	T-1877	100	T2327G	5629	T6261E	5679	T9011J	108	T52151Z	102A	T6071118B4BT	5374
T1370	104	T1877	100	T2327H	5629	T6261F	5679	T9011K	108	T52151Z	102A	T6071118B4BT	5374
T1370A	104	T1902	100	T2327I	5629	T6261G	5679	T9011L	108	T52151Z	102A	T6071118B4BT	5374
T1387	160	T1903	102A	T2384	160	T6400B	5688	T9011M	108	T52151Z	102A	T6071118B4BT	5374
T1388	126A	T1904	102A	T-2439	100	T6400D	5688	T9011N	108	T52151Z	102A	T6071118B4BT	5374
T1389	160	T1909	123A	T2439	102A	T6400M	5690	T9011O	108	T52151Z	102A	T6071118B4BT	5374
T1390	160	T1961	102A	T-2440	100	T6401B	5689	T9011P	108	T52151Z	102A	T6071118B4BT	5374
T1391	160	T2015	160	T-2440	100	T6401D	5689	T9011Q	108	T52151Z	102A	T6071118B4BT	5374
T1400	160	T2016	160	T-2441	100	T6401M	5690	T9011R	108	T52151Z	102A	T6071118B4BT	5374
T1401	160	T2017	160	T2441	102A	T6411B	5693	T9011S	108	T52151Z	102A	T6071118B4BT	5374
T1402	199	T2019	160	T2441	102A	T6411D	5693	T9011T	108	T52151Z	102A	T6071118B4BT	5374
T1402(GERMANIUM)	159	T2020	160	T2500B	5645	T6411M	5697	T9011U	108	T52151Z	102A	T6071118B4BT	5374
T1403	160	T2021	160	T2500D	5645	T6420B	56022	T9011V	108	T52151Z	102A	T6071118B4BT	5374
T1408	229	T2022	160	T2500F	5645	T6420C	56024	T9011W	108	T52151Z	102A	T6071118B4BT	5374
T1413	123A	T2023	160	T2500H	1751	T6420D	56024	T9011X	108	T52151Z	102A	T6071118B4BT	5374
T1414	123A	T2024	160	T2512BH	56015	T6420E	56026	T9011Y	108	T52151Z	102A	T6071118B4BT	5374
T1415	123A	T2025	160	T2512DH	56016	T6420F	56026	T9011Z	108	T52151Z	102A	T6071118B4BT	5374
T1416	123A	T2026	160	T2512MH	56017	T6420G	56026	T9011A	108	T52151Z	102A	T6071118B4BT	5374
T-1416	123A	T-2028	160	T2512NH	56018	T6420H	56026	T9011B	108	T52151Z	102A	T6071118B4BT	5374
T1417	123A	T2028	160	T2513BH	56015	T6421B	56022	T9011C	108	T52151Z	102A	T6071118B4BT	5374
T1450	116	T2029	160	T2513DH	56016	T6421C	56024	T9011D	108	T52151Z	102A	T6071118B4BT	5374
T1454	160	T2029	160	T2513MH	56017	T6421D	56024	T9011E	108	T52151Z	102A	T6071118B4BT	5374
T1459	160	T2030	160	T2513NH	56018	T6421E	56026	T9011F	108	T52151Z	102A	T6071118B4BT	5374
T1460	126A	T-2030	160	T2515	102A	T6421F	56022	T9011G	108	T52151Z	102A	T6071118B4BT	5374
T1460	126A	T2030	160	T2517	102A	T6421M	56026	T9011H	108	T52151Z	102A	T6071118B4BT	5374
T1461	160	T2038	100	T2634	108	T6441B	5679	T9011I	108	T52151Z	102A	T6071118B4BT	5374
T1474	100	T-2038	100	T2700B	5624	T6441D	5679	T9011J	108	T52151Z	102A	T6071118B4BT	5374
T1480E(Rad Shk)	558	T2039	100	T2700D	5635	T6441M	5679	T9011K	108	T52151Z	102A	T6071118B4BT	5374
T1486	152	T2040	100	T2709J	909D	T6451D	5679	T9011L	108	T52151Z	102A	T6071118B4BT	5374
T1487	152	T2040	100	T2709V	909	T6451F	5679	T9011M	108	T52151Z	102A	T6071118B4BT	5374
T1495	123A	T2040	100	T2710B	5624	T6451G	5679	T9011N	108	T52151Z	102A	T6071118B4BT	5374
T1510	100	T2040	100	T2710D	5626	T6461B	5679	T9011O	108	T52151Z	102A	T6071118B4BT	5374
T1512BJ	56019	T2040	100	T2711J	941D	T6461D	5679	T9011P	108	T52151Z	102A	T6071118B4BT	5374
T1512DJ	56020	T2040	100	T2711V	941	T6461M	5679	T9011Q	108	T52151Z	102A	T6071118B4BT	5374
T1524	126A	T2122	102	T2717	160	T7400B1	7400	T9011R	108	T52151Z	102A	T6071118B4BT	5374
T1524BRN	126A	T2122	102	T2788	160	T7400D1	7400	T9011S	108	T52151Z	102A	T6071118B4BT	5374
T1524BRN/RED	126A	T2122	102	T2800B	5645	T7401B1	7401	T9011T	108	T52151Z	102A	T6071118B4BT	5374
T1546	102A	T2122	102	T2800C	5645	T7402B1	7402	T9011U	108	T52151Z	102A	T6071118B4BT	5374
T1548	160	T2122	102										

T527126044DN through TA-1620A

When basing of original part differs from ECG replacement, basing for original part is shown in parentheses () after the part number. For example, the 2SA509A(ECB) is replaced by ECG159 which has "EBC" basing.

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TA-1620B	103A	TA2653	230	TA7072P	748A	TA7208FG	1476	TA7608P	1532	TA75324P	987	TAG200-400	5642
TA1620B	103	TA2654	230	TA7073	748A	TA7208P	1476	TA7608PGS-4	1532	TA7533P	834	TAG200-600	5643
TA1628	160	TA2655	230	TA7073AP	748A	TA7209P	1222	TA7608PGS-5	1532	TA7535P	834	TAG201-100	5650
TA-1628	160	TA2672	121	TA7073P	748A	TA7212FA	1385	TA7609AP	1496	TA7535P	928M	TAG201-200	5651
TA-1650A	126A	TA2700	124	TA7074GL	749	TA7212P	1385	TA7609FB	1496	TA75393P	943M	TAG201-400	5652
TA1650A	160	TA2710	278	TA7074P	749	TA7214P	1273	TA7609GS-2	1496	TA75458P	778A	TAG201-600	5653
TA1655B	102A	TA2761	77	TA7074PGL	749	TA7215FA	1379	TA7609P	1496	TA75458P	1529	TAG220-200	5645
TA-1655B	100	TA2773	5513	TA7075	1080	TA7215P	1379	TA7609PFA	1496	TA75458P	778A	TAG220-400	5645
TA-1658	160	TA2800	278	TA7075P	1080	TA7217AP	1370	TA7609PFA-2	1496	TA75557S	1529	TAG220-600	5645
TA1658	160	TA2819	191	TA7075PL	1080	TA7217FG	1370	TA7609PGS-2	1496	TA75558P	778A	TAG222-400	5608
TA1659	160	TA2840	220	TA7076AP	1109	TA7217P	1370	TA7611AP	1413	TA75558S	1529	TAG222-600	5609
TA-1659	160	TA2888	5455	TA7076P	1109	TA7222AP	1278	TA7611AP-S	1413	TA75558S-1	1529	TAG222-800	5610
TA1660	160	TA2889	5455	TA7076P(FA-1)	1109	TA7222AP-2	1278	TA7611FG	1413	TA75558S	1529	TAG224-200	5600A
TA-1660	160	TA2892A	5640	TA7076P(FA-7)	1109	TA7222P	1278	TA7611P	1413	TA75902P	987	TAG224-400	5600A
TA1662	160	TA2893A	5651	TA7076P(FA-8)	1109	TA7226FG	1478	TA7612AP	1519	TA78005AP	960	TAG225-200	5645
TA-1662	160	TA2894A	5652	TA7086M	309K	TA7226P	1478	TA7612FB	1519	TA78005M	309K	TAG225-400	5645
TA1662	121	TA2911	152	TA7092AP	1023	TA7227FB	1394	TA7612P	1519	TA78005P	960	TAG225-600	5645
TA-1662	121	TA5158C	903	TA7092AP-B	1023	TA7227P	1394	TA7613P	1624	TA78010AP	1932	TAG230-200	5645
TA1662A	121	TA5180C	903	TA7092AP-C	1023	TA7227P-K	1394	TA7614(C)	1654	TA78012M	1914	TAG230-400	5645
TA-1662A	121	TA5274	711	TA7092P	1107	TA7229FB	1372	TA7614AP	1654	TA78012P	966	TAG230-600	5645
TA-1697	102A	TA5274(RCA)	711	TA7092P-A	1107	TA7229P	1372	TA7614AP-Y	1654	TA78015AP	968	TAG230-800	5645
TA1697	102A	TA5278B	908	TA7092P-B	1107	TA7230FA	1387	TA7614FB	1654	TA78015M	1916	TAG231-100	5645
TA1704	100	TA5348D	908	TA7092P-C	1107	TA7230P	1387	TA7614P	1654	TA78015P	968	TAG231-200	5645
TA-1704	100	TA5349D	908	TA7092P-D	1107	TA7230T	1387	TA7630	1576	TA78024P	972	TAG231-400	5645
TA-1705	121	TA5401D	908	TA7092P-H	1107	TA7242P	1245	TA7630FA	1576	TA198030-4	123A	TAG231-600	5645
TA1705	121	TA5402D	908	TA7102P	1105S	TA7262	152	TA7630P	1576	TA198035-1	128	TAG240-200	5645
TA1706	102A	TA5403D	908	TA7102P(FA-2)	1105S	TA7262(RCA)	221	TA7643	1617	TA198036-2	159	TAG240-400	5645
TA-1706	102A	TA5561D	913S	TA7102P(FA-1)	1105S	TA7274	222	TA7643P	1617	TA198785-2	519	TAG240-600	5645
TA1730	102A	TA5562D	913S	TA7103P	739	TA7279	285	TA7644A	1547	TA8532787	519	TAG241-200	5645
TA-1730	102A	TA5628	788	TA7106P	1149	TA7280	219	TA7644AP	1547	TA8380	704	TAG241-400	5645
TA-1731	160	TA5649	714	TA7108	1456	TA7281	219	TA7644B	1547	TA8521	909	TAG241-600	5645
TA1731	160	TA5649(RCA)	714	TA7108FA	1456	TA7292	154	TA7644BP	1547	TA8521/709	909	TAG242-200	5645
TA-1755	126A	TA5702	715	TA7108P	1456	TA7293	154	TA7644BPFA-1	1547	TA8521A	909D	TAG242-400	5645
TA1755	160	TA5702(RCA)	715	TA7117P	1022	TA7302FG	1474	TA7644FA	1547	TA8521A/709C	909D	TAG242-600	5645
TA1756	160	TA5814	712	TA7120	1087	TA7302P	1474	TA7644FB	1547	TA8522	909	TAG242-800	5645
TA-1756	126A	TA5814(RCA)	712	TA7120B	1087	TA7303(Transistor)	108	TA7644P	1547	TA8522/709	909	TAG246-400	5645
TA1757	160	TA5912	790	TA7120P	1087	TA7303FG	1525	TA7658	1571	TA8550	615A	TAG246-600	5645
TA-1757	160	TA5912(RCA)	790	TA7120P-B	1087	TA7303P	1525	TA7658FB	1571	TA8550A	615A	TAG250-200	5600A
TA1759	101	TA6159	744	TA7120P-B	1087	TA7310	1192	TA7658P	1571	TA8550B	615A	TAG250-400	5600A
TA-1759	101	TA6200	128	TA7120P-C	1087	TA7310A	1192	TA7662P	1196	TA8550C	615A	TAG250-600	5600A
TA1763	100	TA6220	708	TA7120P-D	1087	TA7310P	1192	TA7664A	1573	TA8550/N3	615A	TAG250-800	5600A
TA-1763	100	TA6243	731	TA7120P-E	1087	TA7310P-O	1192	TA7664AP	1573	TA8611A12	1113	TAG250A-200	5600A
TA-1763A	100	TA6243(RCA)	731	TA7122AP	1085	TA7311(Transistor)	182	TA7664AP(FA-1)	1573	TA8611B	1113	TAG250A-400	5600A
TA1763A	100	TA6310(RCA)	797	TA7122AP-C	1085	TA7312(Transistor)	182	TA7664P	1573	TA8611B12	1113	TAG251-200	5600A
TA1765	121	TA6404	798	TA7122APC	1085	TA7312AP	1523	TA7664PFA-1	1573	TA8611C11	1118	TAG251-400	5600A
TA-1765	121	TA6405	738	TA7122AP-D	1085	TA7312FB	1523	TA7668BP	1651	TA8621	1111S	TAG251-600	5600A
TA1766	121	TA6472	984	TA7122AP-E	1085	TA7312P	1523	TA7668P	1651	TA8621A11	1111S	TAG252-200	5645
TA-1766	101	TA6480	1175	TA7122P	1085	TA7313(RCA)	182	TA7668P	1651	TA8621A12	1112	TAG252-400	5645
TA1767	101	TA6523	749	TA7124P	1128	TA7313AP	1465	TA7669	222	TAC-047	123A	TAG252-600	5645
TA-1767	101	TA7006P	1149	TA7124PFA-2	1128	TA7313AP	1465	TA7670NS	1671	TAC047	123A	TAG252-800	5645
TA1771	101	TA7027M	726	TA7124PFA-3	1128	TA7313FB	1465	TA7670P	1671	TAG1-200	5408	TAG255-400	5600A
TA-1771	101	TA7028M	1188	TA7124PFA-4	1128	TA7313P	1465	TA7671P	1236	TAG1-400	5409	TAG255-600	5600A
TA1772	101	TA7029P-B	1023	TA7127P	1200	TA7314(Transistor)	182	TA7671PFA-1	1236	TAG1-500	5410	TAG256-200	5600A
TA-1772	101	TA7031M	901	TA7129P	1462	TA7314FG	1521	TA7673P	1611	TAG2N400	5465	TAG256-400	5600A
TA-1773	121	TA7037M	726	TA7129AP	1462	TA7314P	1521	TA7680	1572	TAG2-5-100	5408	TAG256-600	5600A
TA1773	121	TA7038M	704	TA7129FG	1462	TA7315(Transistor)	182	TA7680A	1572	TAG2-5-200	5408	TAG257-200	5645
TA-1778	100	TA7045	724	TA7129P	1462	TA7316(Transistor)	182	TA7680AP	1572	TAG2-5-300	5409	TAG257-400	5645
TA1778	100	TA7045M	724	TA7130P	1234	TA7318(Transistor)	182	TA7680FB	1572	TAG2-5-400	5409	TAG257-600	5645
TA-1782	100	TA7045M	724	TA7130P-B	1234	TA7318(UC)	1498	TA7680P	1572	TAG3-50R	5511	TAG280-200	5600A
TA1782	100	TA7045-M	724	TA7130P-B	1234	TA7318FA	1498	TA7681	1570	TAG3-100R	5511	TAG280-400	5600A
TA1783	100	TA7046P	1108	TA7130PC	1234	TA7318P	1498	TA7681A	1570	TAG3-200R	5511	TAG280-600	5600A
TA-1783	100	TA7047M	904	TA7134(TRANSISTOR)	228A	TA7319(Transistor)	108	TA7681AP	1570	TAG3-300R	5512	TAG280-800	56010
TA1783	121	TA7050M	747	TA7136A	1464	TA7325P	1730	TA7681FA	1570	TAG3-400R	5512	TAG280-1000	5645
TA1794	121	TA7050P	1081	TA7136FA	1464	TA7330(C)	1657	TA7681P	1570	TAG3-500R	5513	TAG240-400	5645
TA-1796	160	TA7051B	710	TA7136P	1464	TA7343AP	1657	TA7684	222	TAG3-600R	5513	TAG240-600	5645
TA1796	160	TA7051P	710	TA7137	1466	TA7343FA	1657	TA7739	228A	TAG7-50R	5491	TAG421-200	5645
TA-1797	160	TA7051P	710	TA7137(TRANSISTOR)	152	TA7343P	1657	TA7740	228A	TAG7-100R	5491	TAG421-400	5645
TA1797	160	TA7051M	710	TA7137B	1466	TA7343P	1657	TA7741	187	TAG7-200R	5492	TAG421-600	5645
TA1798	160	TA7054P	1106	TA7137P	1466	TA7363(Transistor)	196	TA7742	197	TAG7-300R	5494	TAG425-200	5645
TA-1798	160	TA7055P	1205	TA7137P-ST	1466	TA7363	152	TA7743	197	TAG7-400R	5494	TAG425-400	5645
TA-1828	160	TA7055P-E	1205	TA7137P/ST	1466	TA7374(FET)	222	TA7782	196	TAG7-500R	5496	TAG425-600	5645
TA1828	160	TA7055P-F	1205	TA7140FB	1468	TA7399(FET)	222	TA7783	196	TAG7-600R	5496	TAG426-200	5645
TA-1829	160	TA7057M	805	TA7140P	1468	TA7405	5463	TA7784	196	TAG9N-400DU	5545	TAG426-400	5645
TA-1829	160	TA7060	1104	TA7145P	1143	TA7405	5463	TA7802	116	TAG9N-800DU	5547	TAG426-600	5645
TA-1830	126A	TA7060AP	1104	TA7146P	1133	TA7420	283	TA7803	116	TAG9N-800DU	5548	TAG426-800	5645
TA1830	160	TA7060P	1104	TA7148P	1131	TA7461	5697	TA7804	116	TAG10-50R	5491	TAG-510D	5415
TA-1846	160	TA7060P-10	1104	TA7149P	1131	TA7462	5697	TA7805	125	TAG10-100R	5491	TAG-510E	5416
TA1846	160	TA7060P	1104	TA7150P	1130	TA7500	5640	TA7806	125	TAG10-200R	5492	TAG-510M	5416
TA-1847	160	TA7060PFW	1104	TA7150P	1130	TA7501	5642	TA7808AP	958	TAG10-300R	5494	TAG-511B	5414
TA1847	160	TA7060PW	1104	TA7150P	1130	TA7502	5642	TA7824AP	972	TAG10-400R	5494	TAG-511D	5415
TA-1860	160	TA7061	1100	TA7151	221	TA7502M	909	TA7996	116	TAG10-500R	5496	TAG-511E	5416
TA1860	160	TA7061(AP)	1100	TA7153	221	TA7503	941S	TA8158	230	TAG10-600R	5496	TAG-511M	5416
TA1861	160	TA7061A	1100	TA7153P	221	TA7504FA	941S	TA8159</					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TAG622-400	5437	TBB0747A	947D	TC106D2	5457	TC4066BP	4066B	TC3112006000	109	TD36N1100KOC	5711	TD3400P	7400
TAG622-600	5438	TBB0748B	1171	TC106D3	5457	TC4066P	4066B	TC3112319300	116	TD36N1200KOC	5711	TD3401A	7401
TAG623-100	5437	TBB0748B	975	TC106D4	5457	TC4068BP	4068B	TC3123036722	123A	TD42N400KOC	5711	TD3401AP	7401
TAG623-200	5437	TBB1458B	778A	TC106F1	5453	TC4068P	4068B	TC3123036900	123A	TD42N600KOC	5711	TD3402A	7402
TAG623-400	5437	TBC0748	1171	TC106F2	5453	TC4069B	4069	TC3123037111	123A	TD42N800KOC	5711	TD3402AP	7402
TAG623-600	5438	TBC327(CBE)	159	TC106F3	5453	TC4069BP	4069	TC3123037222	123A	TD42N1100KOC	5711	TD3403AP	7403
TAG625-100	5462	TBC327(CBE)	159	TC106F4	5453	TC4069P	4069	TC3123037412	123A	TD42N1200KOC	5711	TD3404A	7404
TAG625-200	5463	TBC327(CBE)	159	TC106G1	5452	TC4069UBP	4069	TC3123041557	102A	TD45N800KOC	5711	TD3404AP	7404
TAG625-400	5465	TBC328(CBE)	159	TC106G2	5452	TC4071BN	4071B	TC4830	1115A	TD45N1100KOC	5711	TD3405A	7405
TAG625-600	5466	TBC328A(CBE)	159	TC106G3	5452	TC4071BP	4071B	TC4830A	1115	TD45N1200KOC	5711	TD3405AP	7405
TAG625-800	5468	TBC328B(CBE)	159	TC106G4	5452	TC4071P	4071B	TC4830S	1115A	TD46N200KOC	5711	TD3406AP	7406
TAG627	5437	TC337(CBE)	123AP	TC106Y1	5452	TC4072	4072B	TC48089	788	TD46N400KOC	5711	TD3407AP	7407
TAG627-100	5437	TBC337A(CBE)	123AP	TC106Y2	5452	TC4072B	4072B	TC625C2228-E	399	TD46N600KOC	5711	TD3408AP	7408
TAG627-200	5437	TBC337B(CBE)	123AP	TC106Y3	5452	TC4073	4073B	TC625C2228-F	399	TD46N800KOC	5711	TD3409A	7409
TAG627-400	5437	TBC338(CBE)	123AP	TC106Y4	5452	TC4073BP	4073B	TC4898	159	TD46N1100KOC	5711	TD3409AP	7409
TAG627-600	5438	TBC338A(CBE)	123AP	TC110A5B	151A	TC4075	4075B	TC407501P	85	TD46N1200KOC	5711	TD3410A	7410
TAG628-100	5437	TBC338B(CBE)	123AP	TC136	116	TC4075BP	4075B	TCM5089	1690	TD60N400KOC	5711	TD3410AP	7410
TAG628-200	5437	TBC546(CBE)	216	TC136	116	TC4076BP	4076B	TCR3	5481	TD60N600KOC	5711	TD3410P	7410
TAG628-400	5437	TBC546A(CBE)	216	TC200	5802	TC4078BP	4078B	TCR8	5481	TD60N800KOC	5711	TD3416AP	7416
TAG628-600	5438	TBC547(CBE)	123AP	TC2369A	108	TC4078P	4078B	TCR13	5483	TD60N1100KOC	5711	TD3417AP	7417
TAG630-100	5462	TBC547A(CBE)	123AP	TC2483	108	TC4081	4081B	TCR18	5483	TD60N1200KOC	5711	TD3420A	7420
TAG630-200	5463	TBC548(CBE)	123AP	TC2484	108	TC4081BP	4081B	TCR23	5483	TD75N400KOC	5721	TD3420AP	7420
TAG630-400	5465	TBC548A(CBE)	123AP	TC2623	B25240T	TC4081P	4081B	TCR28	5483	TD75N600KOC	5721	TD3420P	7420
TAG630-600	5466	TBC549(CBE)	123AP	TC3001	1192	TC4082BP	4082B	TCR38	5485	TD75N800KOC	5721	TD3421AP	7421
TAG630-800	5468	TBC550(CBE)	123AP	TC4001	4001B	TC4085BP	4085B	TCR48	5485	TD75N1100KOC	5721	TD3426AP	7426
TAG632-100	5437	TBC556(CBE)	159	TC4001BCP	4001B	TC4085P	4085B	TCR50	5481	TD95N400KOC	5721	TD3430A	7430
TAG632-200	5437	TBC556A(CBE)	159	TC4001BP	4001B	TC4086BP	4086B	TCR51	5482	TD95N600KOC	5721	TD3430AP	7430
TAG632-400	5437	TBC557(CBE)	159	TC4001P	4001B	TC4086P	4086B	TCR52	5483	TD95N800KOC	5721	TD3430P	7430
TAG632-600	5438	TBC557A(CBE)	159	TC4002BP	4002B	TC4093BP	4093B	TCR53	5483	TD95N1100KOC	5721	TD3437AP	7437
TAG633-100	5437	TBC558(CBE)	159	TC4002P	4002B	TC4094B	4094B	TCR54	5485	TD95N1200KOC	5721	TD3438AP	7438
TAG633-200	5437	TBC558A(CBE)	159	TC4006B	4006B	TC4094BC	4094B	TCR55	5485	TD101	83	TD3440A	7440
TAG633-400	5437	TBC559(CBE)	159	TC4007	4007	TC4094BP	4094B	TCR56	5485	TD102	83	TD3440AP	7440
TAG633-600	5437	TBC560(CBE)	159	TC4007BP	4007	TC4099BP	4099B	TCR70	5481	TD400	848	TD3440P	7440
TAG670-100	5462	TBP14510	745287	TC4007P	4007	TC4099P	4099B	TCR71	5482	TD401	848	TD3441AP	7441
TAG670-200	5463	TBP14510J	745287	TC4008	4008B	TC4508BP	4508B	TCR72	5483	TD503	8408	TD3441P	7441
TAG670-400	5465	TBP14510N	745287	TC4008BP	4008B	TC4510	4510B	TCR74	5485	TD1003	5408	TD3442A	7442
TAG670-600	5466	TBP145A10	745387	TC4009UBP	4049	TC4510BP	4510B	TCR75	5485	TD1080	9930	TD3442AP	7442
TAG670-800	5468	TBP145A10J	745387	TC4010BP	4050B	TC4511BP	4511B	TCR805	5481	TD1080P	9930	TD3447A	7447
TAG675-100	5552	TBP145A10N	745387	TC4011	4011B	TC4512BP	4512B	TCR810	5481	TD1081P	9935	TD3447AP	7447
TAG675-200	5552	TBP18S030	745288	TC4011B	4011B	TC4512P	4512B	TCR730	5481	TD1081	9935	TD3450A	7450
TAG675-400	5554	TBP18S030J	745288	TC4011BP	4011B	TC4514	4514B	TCR731	5482	TD1082	9932	TD3450AP	7450
TAG675-600	5556	TBP18S030N	745288	TC4011P	4011B	TC4514BP	4514B	TCR732	5483	TD1082P	9932	TD3450P	7450
TAG675-800	5558	TBP18S42	745472	TC4012BP	4012B	TC4514BP-1	4514B	TCR733	5485	TD1083	9933	TD3451A	7451
TAG6151	56004	TBP18S42J	745472	TC4012P	4012B	TC4514P	4514B	TCR734	5485	TD1083P	9933	TD3451AP	7451
TAG6152	56006	TBP18S42N	745472	TC4013	4013B	TC4515	4515B	TCR742	5481	TD1084	9944	TD3451P	7451
TAG6153	56008	TBP18S46	745474	TC4013BP	4013B	TC4515P	4515B	TCR743	5482	TD1064P	9944	TD3460A	7460
TAG6154	56004	TBP18S46J	745474	TC4013P	4013B	TC4516	4516B	TCR744	5483	TD1065	9946	TD3460AP	7460
TAG6155	56006	TBP18S46N	745474	TC4014P	4014B	TC4516BP	4516B	TCR745	5483	TD1065P	9946	TD3460P	7460
TAG6156	56008	TBP18S4030	745188	TC4015BP	4015B	TC4516P	4516B	TCR746	5485	TD1066	9962	TD3474A	7474
TAI100101P	290A	TBP18S4030J	745188	TC4015P	4015B	TC4516BP	4516B	TCR747	5485	TD1066P	9962	TD3472AP	7472
TA05	6408	TBP18S4030N	745188	TC4016BP	4016B	TC4520BP	4520B	TCR748	5485	TD1067	9948	TD3473A	7473
TB4B	5332	TBP18S442	745473	TC4016BP	4016B	TC4520P	4520B	TCR1005	5483	TD1067P	9948	TD3473AP	7473
TB4H	5332	TBP18S44J	745473	TC4016P	4016B	TC4522BP	4522B	TCR1010	5482	TD1070	9945	TD3474A	7474
TB4.1	116	TBP18S442N	745473	TC4017BP	4017B	TC4527	4527B	TCR1505	5483	TD1070P	9945	TD3474AP	7474
TB5	5800	TBP18S446	745475	TC4017P	4017B	TC4528BP	4528B	TCR1510	5483	TD1072	9936	TD3474P	7474
TB100	5802	TBP18S446J	745475	TC4018	4018B	TC4528BP	4528B	TCR2005	5483	TD1072P	9936	TD3475A	7475
TB200	5802	TBP18S446N	745475	TC4018BP	4018B	TC4531BP	4531B	TCR2010	5483	TD1073	9093	TD3475AP	7475
TB221B	941M	TBP24S10N	745287	TC4019BP	4019B	TC4539BP	4539B	TCR2505	5485	TD1073P	9093	TD3476A	7476
TB200546AL	398	TBP24S41	745573	TC4019P	4019B	TC4539P	4539B	TCR2510	5485	TD1074	9099	TD3480A	7480
TB30006320	185	TBP24S41J	745573	TC4020BCP	4020B	TC4555BP	4555B	TCR3005	5485	TD1074P	9099	TD3480AP	7480
TBA120AS	1292	TBP24S41N	745573	TC4020P	4020B	TC4555P	4555B	TCR3010	5485	TD1080	9961	TD3482P	7482
TBA120DP	1580	TBP24S81	745454	TC4021BP	4021B	TC4556BP	4556B	TCR3505	5485	TD1080P	9961	TD3483AP	7483
TBA120S	1292	TBP24S81J	745454	TC4021P	4021B	TC4556P	4556B	TCR3610	5485	TD1085	9949	TD3490A	7490
TBA120S-3	1292	TBP24S81N	745454	TC4022BP	4022B	TC4583P	4022B	TCR4005	5485	TD1085P	9949	TD3490AP	7490
TBA120S-4	1292	TBP24S441	745572	TC4023BP	4023B	TC4583P	4023B	TCR4010	5485	TD1086	9963	TD3490P	7490
TBA120S-5	1292	TBP24S441J	745572	TC4023P	4023B	TC4584	40106B	TCRSS0914	519	TD1086P	9963	TD3490BP	7490
TBA120SD	1292	TBP24S441N	745572	TC4024BP	4024B	TC4584BP	40106B	TCRZS0958	5015A	TD1205	84204D	TD3490P	7490
TBA120U	1580	TBP28S86	745478	TC4024P	4024B	TC4595	4595B	TD1210	84204D	TD1210	84204D	TD3491A	7491
TBA120UD	1580	TBP28S86J	745478	TC4025BP	4025B	TC4595B	4025B	TC5103	383	TD1225	84204D	TD3491AP	7491
TBA120UDP	1580	TBP28S86N	745478	TC4025P	4025B	TC5080P	1207B	TC57126CPL	2049	TD1401	7400	TD3492A	7492
TBA120UP	1580	TBP28S86	745479	TC4027	4027B	TC5081	1208	TD2.8F400H	308	TD1401P	7400	TD3492AP	7492
TBA120UQ	1580	TBP28S86J	745479	TC4027BP	4027B	TC5081AP	1208	TD2.8F600H	310	TD1402P	7410	TD3492BP	7492
TBA221	941	TBP28S86N	745479	TC4027BP-1	4027B	TC5081P	1197	TD2.8F700H	310	TD1402P	7410	TD3492P	7492
TBA221.741C	941	TC0.1P	506	TC4027B	4027B	TC5082D	1197	TD2.8F500H	310	TD1403	7420	TD3493A	7493A
TBA221A	941D	TC0.2	506	TC4028B	4028B	TC5082L	1197	TD2.8F600H	308	TD1403P	7420	TD3493AP	7493A
TBA221A/741C	941D	TC0.2P11/1	506	TC4028BP	4028B	TC5082P	1197	TD2.8F800R	310	TD1404	7430	TD3493BP	7493A
TBA222	941	TC0.2P11/2	506	TC4028P	4028B	TC5082P-L	1197	TD2.8F700H	310	TD1404P	7430	TD3493P	7493A
TBA222.741	941	TC0.2P11/2	506	TC4029BP	4029B	TC5082P	1197	TD2.8F500H	310	TD1405	7440	TD3495A	7495
TBA231	725	TC0.2P12	116	TC4029P	4029B	TC5101	65101	TD25C2334	54	TD1405P	7440	TD3495AP	7495
TBA271A	615A	TC0.2P12	116	TC4030BP	4030B	TC5101P	65101	TD3F013970	2302	TD1406	7450	TD3503A	74164
TBA271B	615A	TC0.913	108	TC4030P	4030B	TC5101P-1	65101	TD3F013980	2302	TD140			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TD62307P	2090	TDD1612	966 ♦	TE3397	199	TED1802K(CBE)	159	TG2SC1293D	233	ThyDF75A80-V1	5721	TI995	160
TD62307PB	2090	TDD1612S	966 ♦	TE3398	199	TED1802L(CBE)	159	TG2SC1293-D-A	233	ThyDF75A80-V2	5722	TI996	160
TD62781AP	2021	TDD1615	968 ♦	TE3414	123A	TED1802M(CBE)	159	TG2SC1295	165	ThyDG75A40-V1	5721	TI997	160
TD62782AP	2022	TDD1615S	968 ♦	TE3415	123A	TF7	124	TG2SC1295-O	165	ThyDG75A40-V2	5722	TI998	160
TD81515	177	TDD1618	958 ♦	TE3416	128	TF20	116	TG2SC1295O	389	ThyDG75A53-V1	5721	TI999	160
TD200401A0	375	TDD1618S	958 ♦	TE3417	192	TF21	116	TG2SC1295-O-A	165	ThyDG75A53-V2	5722	TI400	160
TD200401AL	375	TDD1624	972 ♦	TE3605	123A	TF22	116	TG2SC1520-1	198	ThyDH75A60-V1	5721	TI400	160
TD960016-1M	177	TDD1624S	972 ♦	TE3605A	123A	TF23	116	TG2SC1755	376	ThyDH75A60-V2	5722	TI401	160
TD20004710	293	T-E0137	358	TE3607	123A	TF30	102A	TG2SC1755-C-A	198	ThyDH75A60-V1	5721	TI401	160
TDA07410	941M	T-E0317	358	TE3702	193	TF-30	102A	TG2SC1756	198	ThyDH75A60-V2	5722	TI402	160
TDA1060	1672	TE-E01029D	116	TE3703	193	TF34	177	TG2SC1756-C	198	ThyDH75A40-V1	5721	TI403	160
TDA1060A	1672	TE500	312	TE3704	123A	TF44	177	TG2SC1756-C-A	198	ThyDH75A40-V2	5722	TI403	160
TDA1083	1624	TE-500-E	312	TE3705	123A	TF44J	177	TG2SC1756-C-B	198	ThyDH75A53-V1	5721	TI407	108
TDA1170	1289	TE697	123A	TE3707	108	TF49	102A	TG2SC1756-D	198	ThyDH75A53-V2	5722	TI407	161
TDA1190P	1231A	TE706	108	TE3708	108	TF50S6344G	5424	TG2SC1756-D-A	198	ThyDH75A60-V1	5721	TI408	161
TDA1190Z	1231	TE901	130	TE3709	108	TF65	102A	TG2SC1756-D-B	198	ThyDH75A60-V2	5722	TI408	108
TDA1200	788	TE1010	116	TE3710	108	TF-65	102A	TG2SC1756-D-C	198	ThyDH75A80-V1	5721	TI409	161
TDA1330	747	TE1011	116	TE3711	108	TF6530	102A	TG2SC1756-D-R	198	ThyDH75A80-V2	5722	TI409	108
TDA1330P	747	T-E1011	116	TE3843	199	TF65M	158	TG2SC1756-E	198	ThyFF75A40-V	5720	TI410	108
TDA1352	749	T-E1014	109	TE3844	199	TF65M	102A	TG2SC1756-E-A	198	ThyFF75A53-V	5720	TI410	108
TDA1352P	749	TE1014	109	TE3845	199	TF65/S30	102A	TG2SC1756-E-B	198	ThyF75A60-V	5720	TI411	123A
TDA1405	960	T-E1024	116	TE3854	199	TF-66	102A	TG2SC1756K	376	ThyF75A80-V	5720	TI412	123A
TDA1412	966	TE1024	116	TE3854A	199	TF66	102A	TG2SC2057C	229	ThyG75A40-V	5720	TI413	123A
TDA1415	968	TE1024C	116	TE3855	199	TF6630	102A	TG2SC2057-C	319P	ThyG75A53-V	5720	TI414	123A
TDA2002	1232	T-E1024C	116	TE3855A	199	TF6660	102A	TG2SC2057D	229	ThyG75A60-V	5720	TI415	123A
TDA2002AV	1232	T-E1024D	116	TE3859	199	TF70	101	TG2SC2057-D	229	ThyG75A80-V	5720	TI415	199
TDA2003	1288	TE1024D	116	TE3859A	192	TF71	101	TG2SC2228	399	ThyH75A40-V	5700	TI416	199
TDA2003V	1288	T-E1029	507	TE3860	199	TF72	101	TG2SC2271	399	ThyH75A53-V	5700	TI417	123A
TDA2004	1396	TE1029	116	TE3900	199	TF75	102A	TG2SC12950	165	ThyH75A60-V	5700	TI417	123A
TDA2005BM	1396	T-E1031	109	TE3900A	199	TF77	102A	TG2SD24	124	ThyH75A80-V	5700	TI417	108
TDA2005M	1396	TE1031	109	TE3901	199	TF78	104	TG2SD24Y	124	TI-1A6	131	TI418	199
TDA2006	1378	TE1042	116	TE3903	123A	TF-78	123A	TG2SD325-1	152	TI1A6	123A	TI418	123A
TDA2006BV	1378	T-E1042	166	TE3904	123A	TF78/30	104	TG2SD325-E	152	TI-7A	131	TI419	123A
TDA2008	1374	T-E1050	116	TE3905	159	TF78/30Z	121	TG2SD386-E	375	TI24A	123A	TI419	199
TDA2008BV	1374	TE1050	116	TE3906	123A	TF78/60	121	TG2SD386-F	375	TI24B	123A	TI420	123A
TDA2020	1287	T-E1061	113A	TE4123	123A	TF-80/30	121	TG2SD386YD	375	TI25A	108	TI420	108
TDA2020AC2	1287	TE1061	113A	TE4124	123A	TF80/30	121	TG2SD386Y-D	375	TI25B	108	TI421	199
TDA2030	1380	T-E1061A	113A	TE4125	159	TF80/30Z	121	TG2SD386Y-D-A	198	TI40A0	5481	TI422	123A
TDA2030BV	1380	TE1061A	113A	TE4126	159	TF80/30Z	102A	TG2SD386Y-E	375	TI40A1	5482	TI422	123A
TDA2040	1376	TE1064	125	TE4256	199	TF101-A	128	TG2SD386Y-E	375	TI-40A1	5483	TI423	123A
TDA2040BV	1376	T-E1064	116	TE4424	123A	TF101-B	128	TG2SD386Y-E-A	198	TI-40A2	5483	TI424	128
TDA2540	1413	T-E1068	142A	TE4425	192	TF101-D	128	TG2SD575L	165	TI40A2	5483	TI424	123A
TDA2544	1545	TE1068	142A	TE4951	123A	TF320M	5465	TG2SD612-E	184	TI40A3	5485	TI425	128
TDA2544Q	1545	T-E1077	142A	TE4952	123A	TF320M-AZ	5437	TG2SD612-F	184	TI40A4	5485	TI428	159
TDA2546	1752	TE1077	142A	TE4953	123A	TF320M-AZ	5437	TG2SD627	389	TI42	6407	TI429	159
TDA2546A	1752	T-E1078	116	TE4954	123A	TF340M	5465	TG11	116	TI42A	6408	TI430	108
TDA2546AN	1752	TE1078	116	TE5086	193	TF620M	5465	TG-11	116	TI43A	6408	TI430	123A
TDA2546BM	1752	T-E1078A	116	TE5087	193	TF640M	5465	TG11(TRANSISTOR)	176	TI-51	177	TI431	108
TDA2546N	1752	TE1080	116	TE5088	199	TF640M	5465	TI-51	177	TI-51	177	TI431	108
TDA2548	1545 ♦	T-E1080	116	TE5089	199	TFH340M	5424#	TI52	116	TI52	116	TI432	123A
TDA2577	1632	T-E1086	113A	TE5089	199	TFH340MF	5424#	TG20A	116	TI53	116	TI432	123A
TDA2577A	1632	TE1086	113A	TE5309	199	TFH340MFLC6	5424#	TG-21	116	TI-53	116	TI433	123A
TDA2577BV	1632	T-E1086A	113A	TE5310	123A	TFR105	125	TG21	116	TI54	116	TI474	108
TDA2611	1566	T-E1088	116	TE5311	199	TFR110	125	TG-22	116	TI54A	123A	TI475	125
TDA2611A	1566	TE1088	116	TE5311A	123A	TFR120	116	TG-22	116	TI54B	123A	TI480	123A
TDA2611AQ	1566	TE1089	116	TE5311A	123A	TFR140	116	TG-28	109	TI54C	123A	TI480	128
TDA2611BV	1566	T-E1089	116	TE5365	159	TFR140	125	TG31	116	TI54D	199	TI481	128
TDA2611P	1566	T-E1090	116	TE5366	159	TF340M	5424#	TG-31	116	TI54E	123A	TI482	123A
TDA2791BM	1652	TE1090	116	TE5367	193	TF340MX	5424#	TG-32	116	TI55	116	TI482	128
TDA2791DP	1652	TE1095	118	TE5368	123A	TG2SA201	126A	TG32	116	TI55	116	TI483	123A
TDA2791P	1652	T-E1095	118	TE5369	123A	TG2SA201-0	126A	TG-41	116	TI56	5800	TI483	128
TDA3047B	1761	T-E1097	116	TE5370	123A	TG2SA201-0-A	126A	TG41	116	TI56	116	TI484	123A
TDA3047P	1761	TE1097	116	TE5371	123A	TG2SA201-C	126A	TG42	116	TI57	116	TI484	128
TDA3048BM	1762	TE1098	109	TE5376	123A	TG2SA201-N	126A	TG42	116	TI58	116	TI485	123A
TDA3048P	1762	T-E1098	177	TE5377	123A	TG2SA608	159	TG-48	109	TI59	116	TI485	192
TDA3081B	916	T-E1102	116	TE5378	159	TG2SA608C	159	TG48	158	TI60	116	TI486	128 ♦
TDA3081N	916	TE1102A	109	TE5379	159	TG2SA608D	290A	TG51	116	TI-71	116	TI487	411/128 ♦
TDA3190	1231	T-E1103	109	TE5387	159	TG2SA608-E	290A	TG42	116	TI71	116	TI487	108
TDA3410	1577	T-E1105	110MP	TE5448	159	TG2SA608E	290A	TG-52	116	TI72	123A	TI488	161
TDA3410BM	1577	T-E1106	142A	TE5449	123A	TG2SA608-E(ECB)	159	TG52	116	TI-132	5483	TI489	123A
TDA3570	1416	T-E1107	119	TE5450	123A	TG2SB511-1	153	TG61	116	TI-136	5483	TI493	161
TDA3581	1567	T-E1108	507	TE5451	123A	TG2SB511-E	153	TG-61	116	TI36	5483	TI493	123A
TDA3581A	1567	TE1108	116	TEA1009	1763	TG2SC536	154	TG-62	116	TI37	5485	TI494	161
TDA3581AQ	1567	TE1114	118	TEA1009G	1763	TG2SC65Y	154	TG62	116	TI38	5485	TI494	123A
TDA3581BM	1567	T-E1118	177	TEC9011	123AP	TG2SC536	85	TH15557	116	TI145A4	5409	TI495	123A
TDA3651BV	1754	T-E1119	177	TEC9011E	123AP	TG2SC536C	199	TH-1S750	112	TI152	116	TI495	108
TDA3654	1754	TE1121	116	TEC9011F	123AP	TG2SC536D	199	TH-1S750-Q	112	TI265A	121	TI496	128
TDA3654Q	1754 ♦	T-E1124	116	TEC9011G	123AP	TG2SC536E	85	T-H2SC313	108	TI266A	121	TI496	123A
TDA3654U	1754	T-E1133	116	TEC9011H	123AP	TG2SC536E	85	T-H2SC387	108	TI269	121	TI503	199
TDA4190	1633	T-E1138	116	TEC9011I	123AP	TG2SC536E	199	TH2SC536	123A	TI-269	121	TI503	159
TDB0117	970	T-E1140	142A	TEC9012	159	TG2SC536-F-A	199	T-H2SC536	123A	TI338	160	TI-714	123A
TDB0117T	956	TE1144	116	TEC9012F	159	TG2SC536-E	199	TH338	160	TI338	160	TI714	123A
TDB0124ADP	987	T-E1145	506	TEC9012G	159	TG2SC536-F	85	T-H2SC693	123A	TI363	100	TI-722	154
TDB0124D	987	TE1146	506	TEC9012H	159	TG2SC536F	85	T-H2SC715	123A	TI-363	100	TI722	154
TDB0193DP	943M	T-E1148	116	TEC9012I	159	TG2SC536-F-A	199	TH2SC715	123A	TI-364	100	TI722	171
TDB0555B	955M	T-E1153	506	TEC9012J	159	TG2SC927	161	TH5-1	357	TI364	180	TI-741	312
TDB0556A	978	TE1155	116	TEC9013	128P	TG2SC927A	107	TH5-8	350	TI365	180	TI741	312
TDB0723	923	TE1157	116	TEC9013F	128P	TG2SC927B	107	TH5-15	351	TI365A	180	TI743	159
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To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TI1136	73 ♦	TIL81	3032	TIP32A	292	TIP112	261	TIS34	312	TI90	102A	TK5	116
TI1151	73 ♦	TIL11	3040	TIP32B	292	TIP115	262	TI91	159	TK6	5572	TK6	5572/432
TI1152	73 ♦	TIL12	3041	TIP32B	292	TIP116	262	TI92	159	TK6K	5572/432	TK6K	5572/432
TI1153	73 ♦	TIL13	3041	TIP32B	292	TIP117	262	TI93	159	TK8	5574	TK8	5574
TI1154	73 ♦	TIL113	3041	TIP32B	292	TIP120	261	TI94	312	TK8K	432/5574	TK8K	432/5574
TI1155	73 ♦	TIL114	3041	TIP32C	292	TIP121	261	TI94A	6409	TK10	116	TK10	116
TI1156	73 ♦	TIL115	3041	TIP32C	292	TIP122	261	TI94B	123A	TK10 (SCR)	5574	TK10 (SCR)	5574
TI3010	160	TIL116	3041	TIP32C	292	TIP123	261	TI94C	123A	TK10K	432/5574	TK10K	432/5574
TI3011	160	TIL117	3041	TIP33	390	TIP125	262	TI94D	123A	TK11	116	TK11	116
TI3012	121	TIL118	3040 ♦	TIP33	390	TIP126	262	TI94E	123A	TK12	5574	TK12	5574
TI3015	128	TIL119	3045	TIP33A	390	TIP127	262	TI94F	123A	TK12K	432/5574	TK12K	432/5574
TI3016	108	TIL124	3041	TIP33A	390	TIP127	262	TI94G	123A	TK20	116	TK20	116
TI3016	108	TIL125	3041	TIP33A	390	TIP130	261	TI94H	123A	TK21	116	TK21	116
TI3027	121	TIL126	3041	TIP33B	390	TIP131	261	TI94I	123A	TK23C	102A	TK23C	102A
TI3028	121	TIL127	3084	TIP33B	390	TIP132	261	TI94J	123A	TK23C	102A	TK23C	102A
TI3029	121	TIL128	3084	TIP33B	390	TIP135	262	TI94K	123A	TK23C	102A	TK23C	102A
TI3030	179	TIL143	3100	TIP33C	390	TIP136	262	TI94L	123A	TK30	116	TK30	116
TI3031	179	TIL144	3100	TIP33C	390	TIP137	262	TI94M	123A	TK30	116	TK30	116
TI64213	128	TIL145	3101	TIP33C	390	TIP140	270	TI94N	123A	TK33C	101	TK33C	101
TIA01	102A	TIL146	3101	TIP34	391	TIP140T	2343	TI94O	123A	TK40	102	TK40	102
TIA-01	102A	TIL153	3041	TIP34	391	TIP141	270	TI94P	123A	TK40A	116	TK40A	116
TIA02	100	TIL154	3041	TIP34A	391	TIP141T	2343	TI94Q	123A	TK40A	102A	TK40A	102A
TIA03	100	TIL155	3041	TIP34A	391	TIP142	270	TI94R	123A	TK40C	102A	TK40C	102A
TIA04	102	TIL156	3084	TIP34A	391	TIP142T	2343	TI94S	123A	TK40C	102	TK40C	102
TIA05	100	TIL157	3084	TIP34B	391	TIP145	271	TI94T	123A	TK40CA	102A	TK40CA	102A
TIA05A	100	TIL209A	3007	TIP34B	391	TIP145T	2344	TI94U	123A	TK41	116	TK41	116
TIA06	123A	TIL210A	3007	TIP34B	391	TIP146	271	TI94V	123A	TK41A	102	TK41A	102
TIA042	5483	TIL211	3010	TIP34C	391	TIP146T	2344	TI94W	123A	TK41A	102A	TK41A	102A
TIA35	176	TIL212	3010	TIP34C	391	TIP147	271	TI94X	123A	TK41C	160	TK41C	160
TIA102	123A	TIL212-1	3009	TIP34C	391	TIP147T	2344	TI94Y	123A	TK41C	102A	TK41C	102A
TIA722	222	TIL212-1	3009	TIP35	392	TIP160	2316	TI94Z	123A	TK42	102	TK42	102
TIC22	5672A	TIL216-1	3008	TIP35	392	TIP161	2316	TI94A	123A	TK42A	102A	TK42A	102A
TIC23	5672A	TIL216-1	3008	TIP35A	392	TIP162	2316	TI94B	123A	TK42C	102A	TK42C	102A
TIC44 (AGK)	5400	TIL216B	3007	TIP35A	392	TIP163	2316	TI94C	123A	TK42C	160	TK42C	160
TIC45 (AGK)	5401	TIL216B	3007	TIP35A	392	TIP164	2316	TI94D	123A	TK45C	102	TK45C	102
TIC46 (AGK)	5402	TIL220	3025	TIP35B	392	TIP502	285	TI94E	123A	TK45C	102A	TK45C	102A
TIC46S-57519	5404	TIL221	3018	TIP35B	392	TIP503	175	TI94F	123A	TK49C	102A	TK49C	102A
TIC47 (AGK)	5404	TIL224-1	3021	TIP35B	392	TIP504	175	TI94G	123A	TK50	116	TK50	116
TIC54	6407	TIL224-1	3021	TIP35C	392	TIP504	175	TI94H	123A	TK60	116	TK60	116
TIC55	6406S	TIL234-1	3024	TIP35C	392	TIP505	95 ♦	TI94I	123A	TK61	116	TK61	116
TIC56	6407	TIL234-1	3024	TIP35C	392	TIP506	95 ♦	TI94J	123A	TK210	5580	TK210	5580
TIC57	6406S	TIL241-1	3018	TIP36	393	TIP509	328	TI94K	123A	TK210K	5580	TK210K	5580
TIC60	5400	TIL241-1	3022	TIP36	393	TIP510	328	TI94L	123A	TK220	5580	TK220	5580
TIC61	5401	TIL302	3050	TIP36A	393	TIP515	328	TI94M	123A	TK220K	5580	TK220K	5580
TIC62	5402	TIL302	3050	TIP36A	393	TIP516	327	TI94N	123A	TK240	5582	TK240	5582
TIC63	5404	TIL304	3051	TIP36A	393	TIP525	312	TI94O	123A	TK240K	5582	TK240K	5582
TIC64	5404	TIL304	3051	TIP36B	393	TIP526	312	TI94P	123A	TK260	5582	TK260	5582
TIC106A	5437	TIL312 (RHD)	3052	TIP36B	393	TIP530	384	TI94Q	123A	TK260K	5582	TK260K	5582
TIC106B	5437	TIL312 (LHD)	3061	TIP36B	393	TIP531	386	TI94R	123A	TK280	5584	TK280	5584
TIC106C	5437	TIL312 (LHD)	3061	TIP36C	393	TIP532	386	TI94S	123A	TK300	5584	TK300	5584
TIC106D	5437	TIL312 (RHD)	3052	TIP36C	393	TIP535	385	TI94T	123A	TK310	5587	TK310	5587
TIC106E	5437	TIL313P	3057	TIP36C	393	TIP535	385	TI94U	123A	TK310K	5587	TK310K	5587
TIC106Y	5437	TIL314 (LHD)	3063	TIP41	331	TIP536	385	TI94V	123A	TK320	5587	TK320	5587
TIC116A	5462	TIL314 (LHD)	3063	TIP41	331	TIP537	386	TI94W	123A	TK320K	5587	TK320K	5587
TIC116B	5463	TIL314 (RHD)	3054	TIP41A	331	TIP538	386	TI94X	123A	TK340	5587	TK340	5587
TIC118C	5465	TIL314 (RHD)	3054	TIP41A	331	TIP539	386	TI94Y	123A	TK340K	5587	TK340K	5587
TIC118D	5465	TIL316 (LHD)	3062	TIP41A	331	TIP540	386	TI94Z	123A	TK360	5587	TK360	5587
TIC118F	5461	TIL316 (RHD)	3053	TIP41B	331	TIP541	282S	TI94A	123A	TK360K	5587	TK360K	5587
TIC205A	5650	TIL316 (LHD)	3062	TIP41B	331	TIP544	285	TI94B	123A	TK380	5589	TK380	5589
TIC205B	5651	TIL316 (RHD)	3053	TIP41B	331	TIP545	285	TI94C	123A	TK380K	5589	TK380K	5589
TIC205D	5652	TIL321	3078	TIP41C	331	TIP546	285	TI94D	123A	TK400	116	TK400	116
TIC206A	5608	TIL321	3078	TIP41C	331	TIP550	165	TI94E	123A	TK600	116	TK600	116
TIC206B	5608	TIL322	3079	TIP41C	331	TIP552	165	TI94F	123A	TK705M	113A	TK705M	113A
TIC206D	5608	TIL322	3079	TIP42	332	TIP553	165	TI94G	123A	TK800	125	TK800	125
TIC216A	5608	TIL3040	3040	TIP42	332	TIP554	385	TI94H	123A	TK1000	125	TK1000	125
TIC216B	5608	TIM-01	160	TIP42A	332	TIP555	385	TI94I	123A	TK1201K	5570	TK1201K	5570
TIC216D	5608	TIM-10	160	TIP42A	332	TIP558	283	TI94J	123A	TK1201M	5570	TK1201M	5570
TIC222B	5673	TIM-11	160	TIP42A	332	TIP559	283	TI94K	123A	TK1202K	5570	TK1202K	5570
TIC222D	5675	TIM8224	8224	TIP42B	332	TIP560	283	TI94L	123A	TK1202M	5570	TK1202M	5570
TIC222E	5677	TIM8224N	8224	TIP42B	332	TIP561	283	TI94M	123A	TK1204K	5572	TK1204K	5572
TIC225D	5608	TIM8228	8228	TIP42B	332	TIP562	283	TI94N	123A	TK1204M	5572	TK1204M	5572
TIC225M	5609	TIM8228J	8228	TIP42C	332	TIP563	283	TI94O	123A	TK1206K	5572	TK1206K	5572
TIC225N	5610	TIM8228N	8228	TIP42C	332	TIP600	247	TI94P	123A	TK1206M	5572	TK1206M	5572
TIC225W	5608	TIN	718	TIP42C	332	TIP601	247	TI94Q	123A	TK1208K	5574	TK1208K	5574
TIC226B	56004	TIP3A	197	TIP47	198	TIP602	247	TI94R	123A	TK1208M	5574	TK1208M	5574
TIC226D	56006	TIP4	196	TIP48	198	TIP605	248	TI94S	123A	TK1210K	5574	TK1210K	5574
TIC232B	5673	TIP14	152	TIP49	198	TIP606	248	TI94T	123A	TK1210M	5574	TK1210M	5574
TIC232D	5675	TIP14	184	TIP50	198	TIP607	248	TI94U	123A	TK1212K	5574	TK1212K	5574
TIC232E	5677	TIP24	196	TIP50	198	TIP608	248	TI94V	123A	TK1212M	5574	TK1212M	5574
TIC236A	56004	TIP24	152	TIP51	394	TIP621	243	TI94W	123A	TK1228-001	160	TK1228-001	160
TIC236B	56004	TIP27	157	TIP51	394	TIP622	243	TI94X	123A	TK1228-1001	126A	TK1228-1001	126A
TIC236C	56006	TIP29	291	TIP52	394	TIP625	244	TI94Y	123A	TK1228-1002	102A	TK1228-1002	102A
TIC236D	56006	TIP29	291	TIP53	394	TIP626	244	TI94Z	123A	TK1228-1003	102A	TK1228-1003	102A
TIC236E	56008	TIP29A	291	TIP53	394	TIP627	244	TI94A	123A	TK1228-1004	102A	TK1228-1004	102A
TIC236M	56008	TIP29A	291	TIP53	394	TIP640	247	TI94B	123A	TK1228-1005	102A	TK1228-1005	102A
TIC236N	56010	TIP29A	291	TIP54	394	TIP641	247	TI94C	123A	TK1228-1006	102A	TK1228-1006	102A
TIC236S	56010	TIP29B	291	TIP54	394	TIP642	247	TI94D	123A	TK1228-1007	102A	TK1228-1007	102A
TIC242B	5673	TIP29B	291	TIP55A	2310	TIP643	248	TI94E	123A	TK1228-1008	123	TK1228-1008	123
TIC242D	5675	TIP29B	291	TIP55A	2310	TIP644	248	TI94F	123A	TK1228-1009	123	TK1228-1009	123
TIC242E	5677	TIP29C	291	TIP57A	2310	TIP647	248	TI94G	123A	TK1228-1010	123A	TK1228-1010	123A
TIC252B	5683	TIP29C	291	TIP58A	2310	TIP666	97	TI94H	123A	TK1228-1011	123A	TK1228-1011	123A
TIC252D	5685	TIP29C	291	TIP61	152	TIP667	98	TI94I	123A	TK1401</			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TK1708	5584	TL42	116	TL74128	74128	TM22	5874	TMM416DC-4	2117	TMPT2221	2406	TMS4027JL-25	2104
TK1708K	5584	TL51	116	TL74132	74132	TM23	5884	TMM416DP	2117	TMPT2221A	2406	TMS4027JL-20	2104
TK1710	5584	TL61	116	TL74141N	74141	TM24	5944	TMM416DP-3	2117	TMPT2222	2406	TMS4027JL-25	2104
TK1710K	5584	TL74H87N	74H87	TL74145N	74145	TM25	5835	TMM416DP-4	2117	TMPT2222A	2406	TMS4033	2102
TK1712	5584	TL74H183N	74H183	TL74150N	74150	TM25DZH	5710	TMM416P-3	2117	TMPT2284	2406	TMS4033JL	2102
TK1712K	5584	TL106-05	5453	TL74151N	74151	TM25DZM	5710	TM2016	2128	TMPT2306	2407	TMS4033L	2102
TK2100	5584	TL106-1	5454	TL74153N	74153	TM25RZH	5711	TM2016B	2128	TMPT2306A	2407	TMS4033NL	2102
TK2100K	5584	TL106-2	5455	TL74154N	74154	TM25RZM	5711	TM2016D-1	2128	TMPT2307	2407	TMS4034	2102
TK2100K	5584	TL106-4	5457	TL74155N	74155	TM26	5944	TM2016D-2	2128	TMPT2307A	2407	TMS4034L	2102
TK2120K	5584	TL107-05	5453	TL74156N	74156	TM27	5944	TM2016P	2128	TMPT3798	2407	TMS4034L	2102
TK2601K	5580	TL107-1	5454	TL74162N	74162	TM28	5944	TM2016P-1	2128	TMPT3798A	2407	TMS4034NL	2102
TK2602K	5580	TL107-2	5455	TL74163N	74163	TM29	5916	TM2016P-2	2128	TMPT3903	2406	TMS4035	2102
TK2604K	5582	TL107-4	5457	TL74164N	74164	TM31	5938	TM2016P-3	2128	TMPT3904	2406	TMS4035JL	2102
TK2606K	5582	TL110	B40240	TL74165N	74165	TM32	5874	TM2016P-4	2128	TMPT3905	2407	TMS4035L	2102
TK2608K	5584	TL210	B40240	TL74166N	74166	TM33	116	TM2016P-5	2128	TMPT3906	2407	TMS4035NL	2102
TK2610K	5584	TL317C	1900	TL74180N	74180	TM33	116	TM2016P-6	2128	TMPT4124	2406	TMS4045-30	2114
TK2612K	5584	TL317CLP	1900	TL74181N	74181	TM34	5874	TM2016P-7	2128	TMPT4125	2407	TMS4045-45	2114
TK3001K	5587	TL442CN	872	TL74182N	74182	TM35	5874	TM2016P-8	2128	TMPT4126	2407	TMS4045J-30	2114
TK3002K	5587	TL487C	1504	TL74190N	74190	TM36	5874	TM2016P-9	2128	TMPT4401	2406	TMS4045J-45	2114
TK3004K	5587	TL487C-2	1504	TL74191N	74191	TM37	5874	TM2016P-10	2128	TMPT4402	2407	TMS4045JL-30	2114
TK3006K	5587	TL487C-3	1504	TL74192N	74192	TM38	5874	TM2016P-11	2128	TMPT4403	2407	TMS4045JL-45	2114
TK3008K	5589	TL487CP	1504	TL74193N	74193	TM39	5874	TM2016P-12	2128	TMPT5086	2407	TMS4045L-30	2114
TK3010K	5589	TL489C	1505	TL74196N	74196	TM41	5878	TM2016P-13	2128	TMPT5087	2407	TMS4045L-45	2114
TK3012K	5589	TL489C-6	1505	TL74197N	74197	TM42	5878	TM2016P-14	2128	TMPT5088	2406	TMS4045N-30	2114
TK3100	5589	TL489C-7	1505	TL74198N	74198	TM43	116	TM2016P-15	2128	TMPT5089	2406	TMS4045N-45	2114
TK3100K	5589	TL489CP	1505	TL74199N	74199	TM43	116	TM2016P-16	2128	TMPT5401	2411	TMS4045NL-30	2114
TK3120	5589	TL490C	1506	TL74200N	74200	TM44	5874	TM2016P-17	2128	TMPT5550	2410	TMS4045NL-45	2114
TK3120K	5589	TL490C-3	1506	TL74201W	1673	TM45	5874	TM2016P-18	2128	TMPT5551	2410	TMS4060	2107
TK3601K	5587	TL490C-4	1506	TLB5410	3030	TM46	5874	TM2016P-19	2128	TMPT6428	2406	TMS4060-1	2107
TK3602K	5587	TL490CN	1506	TLB5410	3131	TM47	5874	TM2016P-20	2128	TMPT6429	2406	TMS4060-2	2107
TK3604K	5587	TL491C	1507	TLB5410	3130	TM48	5874	TM2016P-21	2128	TMPTA05	2410	TMS4060JL	2107
TK3606K	5587	TL491C-4	1507	TL491C	1507	TM49	5874	TM2016P-22	2128	TMPTA06	2410	TMS4060JL-1	2107
TK3608K	5589	TL491C-5	1507	TL491C-5	1507	TM51	5882	TM2016P-23	2128	TMPTA12	2404	TMS4060JL-2	2107
TK3610K	5589	TL491CN	1507	TL491C-6	1507	TM52	5882	TM2016P-24	2128	TMPTA13	2404	TMS4060JL-3	2107
TK3612K	5589	TL491C-7	1729	TL491C-7	1729	TM53	5882	TM2016P-25	2128	TMPTA14	2404	TMS4060JL-4	2107
TK9201	181	TL494CN	1729	TL494CN	1729	TM54	5882	TM2016P-26	2128	TMPTA20	2406	TMS4060NL-1	2107
TK9801	5570	TL1003(KAG)	5408	TL1003(KAG)	5408	TM55	5882	TM2016P-27	2128	TMPTA22	2412	TMS4060NL-2	2107
TK9801K	432/5570	TL1709C	909	TL1709C	909	TM56	5882	TM2016P-28	2128	TMPTA43	2412	TMS4116-20	2117
TK9801M	5570	TL1741C	941	TL1741C	941	TM57	5882	TM2016P-29	2128	TMPTA55	2411	TMS4116-25	2117
TK9802	5570	TL2003(KAG)	5408	TL2003(KAG)	5408	TM58	5882	TM2016P-30	2128	TMPTA56	2411	TMS4116JL-20	2117
TK9802K	432/5570	TL2741C	941M	TL2741C	941M	TM59	5882	TM2016P-31	2128	TMPTA63	2405	TMS4116JL-25	2117
TK9802M	5570	TL3709C	909D	TL3709C	909D	TM60	5882	TM2016P-32	2128	TMPTA64	2405	TMS4116NL-20	2117
TK9804	5572	TL3741C	941D	TL3741C	941D	TM61	156	TM2016P-33	2128	TMPTA70	2407	TMS4116NL-25	2117
TK9804K	5572/432	TL4003(KAG)	5409	TL4003(KAG)	5409	TM62	116	TM2016P-34	2128	TMPTA92	2407	TMS4164-15	2164
TK9804M	5570	TL4558C	778A	TL4558C	778A	TM63	116	TM2016P-35	2128	TMPTA93	2407	TMS4164-15JDL	2164
TK9806	5572	TL4558P	778A	TL4558P	778A	TM64	116	TM2016P-36	2128	TMPTA3638	2407	TMS4164-15NL	2164
TK9806K	5572/432	TL4741C	941M	TL4741C	941M	TM65	116	TM2016P-37	2128	TMPTA3638A	2407	TMS4164-20	2164
TK9806M	5572	TL6003(KAG)	5410	TL6003(KAG)	5410	TM66	116	TM2016P-38	2128	TMS1943	2061S	TMS4164-20JDL	2164
TK9808	5574	TL6003(KAG)	5410	TL6003(KAG)	5410	TM67	116	TM2016P-39	2128	TMS1943A2	2060	TMS4164-20NL	2164
TK9808K	432/5574	TL7401N	7401	TL7401N	7401	TM68	125	TM2016P-40	2128	TMS1943N2	2061S	TMS4164-25	2164
TK9810	5574	TL7402N	7402	TL7402N	7402	TM69	125	TM2016P-41	2128	TMS1943N2L	2061S	TMS4164-25NL	2164
TK9810K	432/5574	TL7403N	7403	TL7403N	7403	TM70	125	TM2016P-42	2128	TMS1943NL	2061S	TMS4164JDL	2164
TK9812K	5570	TL7404N	7404	TL7404N	7404	TM71	125	TM2016P-43	2128	TMS1952	2061S	TMS4164NL(J/AppleII)	2164
TK9812M	432/5570	TL7405N	7405	TL7405N	7405	TM72	125	TM2016P-44	2128	TMS1952N2	2061S	TMS5101	65101
TK9814K	5570	TL7406N	7406	TL7406N	7406	TM73	125	TM2016P-45	2128	TMS2114-30	2114	TMS5101J	65101
TK9814M	5570	TL7407N	7407	TL7407N	7407	TM74	125	TM2016P-46	2128	TMS2114-45	2114	TMS5101N	65101
TK9816K	5572	TL7408N	7408	TL7408N	7408	TM75	125	TM2016P-47	2128	TMS2114JL-30	2114	TMS5101N	65101
TK9816M	5572	TL7409N	7409	TL7409N	7409	TM76	125	TM2016P-48	2128	TMS2114JL-45	2114	TMS5101N	65101
TK9818K	5574	TL7410N	7410	TL7410N	7410	TM77	125	TM2016P-49	2128	TMS2114JL-50	2114	TMS5101N	65101
TK9818M	5574	TL7411N	7411	TL7411N	7411	TM78	125	TM2016P-50	2128	TMS2114JL-55	2114	TMS5101N	65101
TK9820K	5574	TL7412N	7412	TL7412N	7412	TM79	125	TM2016P-51	2128	TMS2114JL-60	2114	TMS5101N	65101
TK9820M	5574	TL7413N	7413	TL7413N	7413	TM80	125	TM2016P-52	2128	TMS2114JL-65	2114	TMS5101N	65101
TK9822K	5574	TL7414N	7414	TL7414N	7414	TM81	125	TM2016P-53	2128	TMS2114JL-70	2114	TMS5101N	65101
TK9822M	5574	TL7415N	7415	TL7415N	7415	TM82	125	TM2016P-54	2128	TMS2114JL-75	2114	TMS5101N	65101
TK9824K	5574	TL7416N	7416	TL7416N	7416	TM83	125	TM2016P-55	2128	TMS2114JL-80	2114	TMS5101N	65101
TK9824M	5574	TL7417N	7417	TL7417N	7417	TM84	125	TM2016P-56	2128	TMS2114JL-85	2114	TMS5101N	65101
TK9826K	5574	TL7418N	7418	TL7418N	7418	TM85	125	TM2016P-57	2128	TMS2114JL-90	2114	TMS5101N	65101
TK9826M	5574	TL7419N	7419	TL7419N	7419	TM86	125	TM2016P-58	2128	TMS2114JL-95	2114	TMS5101N	65101
TK9828K	5574	TL7420N	7420	TL7420N	7420	TM87	125	TM2016P-59	2128	TMS2114JL-100	2114	TMS5101N	65101
TK9828M	5574	TL7421N	7421	TL7421N	7421	TM88	125	TM2016P-60	2128	TMS2114JL-105	2114	TMS5101N	65101
TK9830K	5574	TL7422N	7422	TL7422N	7422	TM89	125	TM2016P-61	2128	TMS2114JL-110	2114	TMS5101N	65101
TK9830M	5574	TL7423N	7423	TL7423N	7423	TM90	125	TM2016P-62	2128	TMS2114JL-115	2114	TMS5101N	65101
TK9832K	5574	TL7424N	7424	TL7424N	7424	TM91	125	TM2016P-63	2128	TMS2114JL-120	2114	TMS5101N	65101
TK9832M	5574	TL7425N	7425	TL7425N	7425	TM92	125	TM2016P-64	2128	TMS2114JL-125	2114	TMS5101N	65101
TK9834K	5574	TL7426N	7426	TL7426N	7426	TM93	125	TM2016P-65	2128	TMS2114JL-130	2114	TMS5101N	65101
TK9834M	5574	TL7427N	7427	TL7427N	7427	TM94	125	TM2016P-66	2128	TMS2114JL-135	2114	TMS5101N	65101
TK9836K	5574	TL7428N	7428	TL7428N	7428	TM95	125	TM2016P-67	2128	TMS2114JL-140	2114	TMS5101N	65101
TK9836M	5574	TL7429N	7429	TL7429N	7429	TM96	125	TM2016P-68	2128	TMS2114JL-145	2114	TMS5101N	65101
TK9838K	5574	TL7430N	7430	TL7430N	7430	TM97	125	TM2016P-69	2128	TMS2114JL-150	2114	TMS5101N	65101
TK9838M	5574	TL7431N	7431	TL7431N	7431	TM98	125	TM2016P-70	2128	TMS2114JL-155	2114	TMS5101N	65101
TK9840K	5574	TL7432N	7432	TL7432N	7432	TM99	125	TM2016P-71	2128	TMS2114JL-160	2114	TMS5101N	65101
TK9840M	5574	TL7433N	7433	TL7433N	7433	TM100	125						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TN59	123A	TN60364	126A	TN72319	163A	TO-040	123A	TP3218	159	TP4126	159	TQ-63	159
TN60	123A	TN60365	160	TN72320	162	TO-041	102A	TP3219	159	TP4257	159	TQ63	129
TN61	123A	TN60365	102A	TN72368	161	TO1-101	123A	TP3566	123AP	TP4258	159	TQ63A	129
TN62	123A	TN60447	107	TN72701	161	TO1-104	123A	TP3567	123AP	TP4274	101	TQ64	129
TN63	123A	TN60448	107	TN72774	187	TO1-105	123A	TP3568	194	TP4275	108	TQ-64A	159
TN64	123A	TN60449	107	TN72775	186	TO101	102A	TP3569	123AP	TP4384	123AP	TQ64A	129
TN79	192	TN60450	170	TN72783	123A	TO1-101	100	TP3638	159	TP4386	123AP	TQ1106LT-40	5646
TN80	123A	TN60451	185	TN72784	123A	TO102	102A	TP3638A	159	TP4413	159	TQ1108LT-40	5646
TN81	192	TN60453	175	TNN-25A733-P	290A	TO1-102	100	TP3644	159	TP4413A	159	TQ2206LT-40	5646
TN232-01	5590	TN60454	121	TNN-25A7501-E	234	TO103	102A	TP3645	159	TP4415	159	TQ2208LT-40	5646
TN232-04	5591	TN60455	162	TNN-25B744-R	185	TO103	102A	TP3677	159	TP4415A	159	T-Q5019	163A
TN232-06	5592	TN60456	160	TNN-25C945-K	85	TO104	102A	TP3704	289A	TP4511	4511B	TQ5020	100
TN232-08	5592	TN60604	107	TNN-25D794-Q	184	TO104	102A	TP3705	289A	TP4512	4512B	TQ5020(Sanyo)	113A
TN232-10	5592	TN60605	107	TNN-25D794-R	184	TO225X	5534A	TP3706	289A	TP4512AN	4512B	TQ5021	160
TN232-12	5592	TN60605	107	TNN-25K49-F2	451	TO253	314	TP3707	289A	TP4518A	4518B	TQ5022	160
TN237	123A	TN60606	123A	TNR9B181K	1V115	TO425X	5534A	TP3708	289A	TP4518AN	4518B	TQ5023	102A
TN431-01	5590	TN60606	107	TNR9B201K	1V130	TO503	314	TP3709	289A	TP4520AN	4520B	TQ5025	102A
TN431-02	5590	TN60607	123A	TNR9B241K	1V150	TO625X	5534A	TP3710	289A	TP4522AN	4522B	TQ5026	102A
TN431-04	5591	TN60607	107	TNR9B391K	1V250	TO1003	314	TP3711	289A	TP5089	1690	TQ5028	127
TN431-06	5591	TN60608	160	TNR9B820K	1V050	TO2003	314	TP3840	159	TP5089N	1690	TQ5030	179
TN431-08	5592	TN60608	100	TNR9G101K	1V060	TO3003	314	TP3977	159	TP5135	123AP	TQ5031	101
TN431-10	5592	TN60610	102A	TNR9G121K	1V075	TO3979	159	TP3978	159	TP5136	123AP	TQ5032	101
TN431-12	5592	TN60610	100	TNR9G151K	1V095	TO4003	314	TP4000AJ	4000	TP5142	1693	TQ-5032	103A + 158(CP)
TN591	102A	TN60611	100	TNR9G180K	1V010	TOA1748V	1171	TP4001AJ	4001B	TP50881	1693	TQ-5034	160
TN1711	128P	TN60611	102A	TNR9G181K	1V115	TOA2709P	909D	TP4001AN	4001B	TP50881N	1693	TQ5034	160
TN2017	128P	TN60612	100	TNR9G201K	1V130	TOA2709V	909	TP4001BN	4001B	TP20221	2321	TQ5035	160
TN2102	128P	TN60612	158	TNR9G220K	1V014	TOA2741E	941D	TP4001BP	4001B	TP20221A	2321	TQ5036	121
TN2218	128P	TN60728	102A	TNR9G240K	1V015	TOA2741V	941	TP4002AJ	4002B	TP20222	2321	TQ5038	160
TN2218A	128P	TN60728	102A	TNR9G241K	1V150	TOA2748V	1171	TP4002AN	4002B	TP20222A	2321	TQ5039	101
TN2219	128P	TN61217	107	TNR9G270K	1V017	TOB	OBS-NLA	TP4007	159	TP202483	2321	TQ5044	103A
TN2219A	128P	TN61218	107	TNR9G330K	1V020	TOC058	5655	TP4007UBN	4007	TP202484	2321	TQ-5044	103A + 158(CP)
TN2222	128P	TN61219	123A	TNR9G390K	1V025	TOC058T	5655	TP4008	4008B	TP202906	2322	TQ5049	108
TN2222A	128P	TN61220	123A	TNR9G391K	1V250	TOC108	5655	TP4008(Trans)	159	TP202906A	2322	TQ5050	103A
TN2270	128P	TN61222	102A	TNR9G431K	1V275	TOC108S	5655	TP4008AN	4008B	TP202907	2322	TQ-5050	103A + 158(CP)
TN2904	129P	TN61223	176	TNR9G470K	1V030	TOC108T	5655	TP4008BN	4008B	TPQ3798	2322	TQ5051	102A
TN2904A	129P	TN61282	102A	TNR9G471K	1V300	TOC108V	5655	TP4009UBN	4009	TPQ3799	2322	TQ-5051	158
TN2905	129P	TN61671	101	TNR9G560K	1V035	TOC208	5655	TP4010BN	4010B	TPQ3904	2321	TQ5052	123A
TN2905A	129P	TN61671(2SD72)	103A	TNR9G680K	1V040	TOC208S	5655	TP4011AJ	4011B	TPQ3906	2322	TQ5052	123A
TN3019	128P	TN61671(2SC688)	107	TNR9G820K	1V050	TOC208T	5655	TP4011AN	4011B	TPQ4354	2322	T-Q5053	123A
TN3020	128P	TN61672(2SK25)	312	TNR10G121K	2V075	TOC208V	5655	TP4011BN	4011B	TPQ4354	2322	TQ5053	123A
TN3053	128P	TN61673	312	TNR12G101K	2V060	TOC408	5656	TP4012AJ	4012B	TPQ5401	2323	TQ-5053	123A
TN3244	217	TN61673(2SB186)	102A	TNR12G121K	2V075	TOC408S	5656	TP4012AN	4012B	TPQ5550	2323	T-Q5053C	123A
TN3245	217	TN61673(2SK24)	312	TNR12G151K	2V095	TOC408T	5656	TP4013AJ	4013B	TPQ5551	2323	TQ-5054	123A
TN3252	216	TN61674	158	TNR12G180K	2V010	TOC408V	5656	TP4013AN	4013B	TPQ5551	2323	TQ5054	123A
TN3440	255	TN61679	107	TNR12G181K	2V115	TOC608	5657	TP4013BN	4013B	TPQ6501A	2320	T-Q5055	108
TN3444	216	TN61729	108	TNR12G201K	2V130	TOC608S	5657	TP4014AN	4014B	TPQ6502	2320	TQ-5055	128
TN3467	217	TN61730	107	TNR12G220K	2V014	TOC608T	5657	TP4015AN	4015B	TPQ6502A	2320	TQ5055	128
TN3467S	217	TN61731	107	TNR12G241K	2V150	TOC608V	5657	TP4016A	4016B	TPQA05	2323	T-Q5057	124
TN3724	216	TN61734	103A	TNR12G270K	2V017	TOC608S	5655	TP4016AN	4016B	TPQA06	2323	T-Q508	123A
TN3725	216	TN70450	186	TNR12G330K	2V020	TOC608V	5655	TP4016UBN	4016B	TPS90	85	TQ5060	123A
TN3742	227	TN70478	108	TNR12G390K	2V025	TP34	109	TP4017AJ	4017B	TPS90B	85	TQ-5061	158
TN4030	129P	TN70478-1	108	TNR12G391K	2V250	TP34A	109	TP4017AN	4017B	TPS90G	85	TQ5061	102A
TN4033	129P	TN70479	108	TNR12G431K	2V275	TP101	116	TP4018	4018B	TPS90M	85	T-Q5062	103A
TN4036	129P	TN70479-1	123A	TNR12G470K	2V030	TP107	123AP	TP4018A	4018B	TPS90MG	85	TQ5063	103A + 158(CP)
TN4037	129P	TN70480	108	TNR12G471K	2V300	TP107A	123AP	TP4018BN	4018B	TPS90MG	85	TQ5063	154
TN4234	129P	TN70481	193	TNR12G560K	2V035	TP107B	123AP	TP4019AJ	4019B	TPS90MN	85	TQ-5063	171
TN4235	129P	TN70482	128	TNR12G680K	2V040	TP108	123AP	TP4019AN	4019B	TPS90MV	85	TQ-5064	121
TN4236	129P	TN70483	131	TNR12G681K	2V420	TP108A	123AP	TP4019BN	4019B	TPS90MY	85	TQ5064	121
TN5022	217	TN70484	108	TNR12G820K	2V050	TP108B	123AP	TP4020AJ	4020B	TPS91	290A	T-Q5071	161
TN5023	217	TN70537	123A	TNR12G821K	2V480	TP108C	123AP	TP4020BN	4020B	TPS91B	290A	T-Q5073	123A
TN61688	172A	TN70539	123A	TNR15B181K	2V115	TP109	123AP	TP4021AN	4021B	TPS91G	290A	T-Q5075	124
TN61689	123A	TN70540	184	TNR15B201K	2V130	TP109A	123AP	TP40221	4022B	TPS91M	290A	T-Q5077	159
TN61690	159	TN70541	131	TNR15B241K	2V150	TP109B	123AP	TP4022AN	4022B	TPS91(CBE)	123AP	T-Q5078	123A
TN61702	123A	TN70634	102	TNR15B391K	2V250	TP109C	123AP	TP4023AJ	4023B	TPS92M(CBE)	123AP	T-Q5079	107
TN61703	159	TN70635	102	TNR15B820K	2V050	TP110(CBE)	194	TP4023AN	4023B	TPS92M(CBE)	159	T-Q5080	175
TN71034	199	TN70637	123A	TNR15B821K	2V480	TP150	333	TP4024AN	4024B	TPS93M(CBE)	159	T-Q5081	128
TN71173	161	TN70638	123A	TNR15G101K	2V060	TP177A(CBE)	159	TP4024BN	4024B	TPS94	85	T-Q5082	164
TN71173(2SC722)	107	TN70639	123A	TNR15G151K	2V095	TP177B(CBE)	159	TP4025AJ	4025B	TPS97(CBE)	123AP	T-Q5083	164
TN70063	160	TN70640	123A	TNR15G180K	2V150	TP178A(CBE)	159	TP4025AN	4025B	TPS98(CBE)	194	T-Q5084	165
TN70064	160	TN70641	160	TNR15G181K	2V115	TP178B(CBE)	159	TP4027AJ	4027B	TPS99(CBE)	194	T-Q5086	161
TN70065	160	TN70688	158	TNR15G201K	2V130	TP178C(CBE)	159	TP4027AN	4027B	TPS100(CBE)	287	T-Q5087	159
TN70066	160	TN70691	199	TNR15G220K	2V014	TP179B(CBE)	159	TP4027BN	4027B	TPS101(CBE)	287	T-Q5088	199
TN70066	160	TN71034	199	TNR15G240K	2V150	TP179C(CBE)	159	TP4028AJ	4028B	TPS102(CBE)	123AP	T-Q5089	128
TN70067	160	TN71035	128	TNR15G241K	2V150	TP201	5874	TP4028AN	4028B	TPS110(CBE)	123AP	T-Q5104	124
TN70067	160	TN71036	123A	TNR15G270K	2V017	TP200	5874	TP4028BN	4028B	TPS111(CBE)	123AP	T-Q5105	130
TN70068	160	TN71037	159	TNR15G330K	2V020	TP302	116	TP4029AJ	4029B	TPS112(CBE)	159	T-Q5106	107
TN70068	160	TN71173	108	TNR15G390K	2V025	TP400	5874	TP4029AN	4029B	TPS113(CBE)	123AP	TQ-5097	100A
TN70069	160	TN71234	128	TNR15G391K	2V250	TP402	116	TP4030AN	4030B	TPS134(CBE)	123AP	TQ-7037	100A
TN70069	160	TN71248	126A	TNR15G431K	2V250	TP504A	3086	TP4030AN	4030B	TPS134(CBE)	123AP	TQ7038	100A
TN70069(2SC74)	107	TN71252	192	TNR15G470K	2V030	TP531	3041	TP4035AN	4035B	TPS604	3037	TQ7038	100A
TN70070	102A	TN71271	199	TNR15G471K	2V300	TP532	3041	TP4035BN	4035B	TPS605	3038		
TN70070	102A	TN71277	199	TNR15G560K	2V035	TP541G	3041	TP4040AN	4040B	TPS703	3033	TOPD3053	128
TN70071	160	TN71498	108	TNR15G680K	2V040	TP547G	309	TP4040BN	4040B	TPS712	123A	TPD-3055	130
TN70071	160	TN71629	107	TNR15G681K	2V420	TP1681B30-1	109	TP4042AN	4042B	TPS713	123A	TOPD3055	130
TN70072	154	TN71773	159	TNR15G820K	2V050	TP1681B30P	10						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TR07	101	TR09011	720	TR-7R35	123A	TR92A-1	5655	TR-170(Olson)	158	TR1032	159	TR8010X	5531
TR-07(Penncrest)	128	TR09012	703	TR-7SA	138A	TR92A-2	5655	TR-171	161	TR1032-1	129	TR-8014	123A
TR07C	100	TR0-9017	722	TR7SA	5014A	TR92A-3	5655	TR-172(Olson)	104	TR1032-2	159	TR8014	123A
TR-08	101	TR09017	722	TR7SB	5071A	TR92A-4	5655	TR-174(Olson)	105	TR1032-2	129	TR-8018	181
TR08	101	TR09018	788	TR-8R35	123A	TR92A-5	5656	TR-175(Olson)	124	TR1032-3	129	TR8018	181
TR-08(Penncrest)	129	TR0-9018	788	TR-9GS	139A	TR92A-6	5656	TR-176(Olson)	181	TR1032-4	129	TR8019	153
TR-08C	101	TR09019	801	TR9S	139A	TR92B-1	5655	TR-178(Olson)	121	TR1032-5	129	TR-8019	153
TR08C	101	TR09022	1090	T-9S	139A	TR92B-2	5655	TR-180(Olson)	175	TR1032A	159	TR8020	159
TR09	103	TR0-9022	1090	TR-9S	139A	TR92B-3	5655	TR182	101	TR1033	123A	TR-8020	129
TR-09	101	TR09024	1090	TR9SA	5016A	TR92B-4	5655	TR-182(Olson)	185	TR1033-1	128	TR-8021	128
TR09C	101	TR09027	801	TR-9SA	139A	TR92B-5	5656	TR183	101	TR-1033-1	123A	TR8021	123A
TR-09C	101	TR09029	708	TR9SB	139A	TR92B-6	5656	TR-183(Olson)	127	TR1033-2	128	TR8022	190
TR-016	108	TR09032	799	TR-9SB	139A	TR93-1	5655	TR184	101	TR1033-2	128	TR-8022	190
TR0164-6	247	TR09033	802	TR-10	101	TR93-2	5655	TR-184(Olson)	131	TR1033-3	123A	TR8023	190
TR0259-6	219	TR09034	803	TR-10C	101	TR93-3	5655	TR-185(Olson)	150A	TR1033-4	128	TR-8023	128
TR01014	123AP	TR010602-1	108	TR10C	101	TR93-4	5655	TR-186(Olson)	162	TR1033-5	128	TR8024	190
TR01015	123AP	TR0105305	123AP	TR-11	126A	TR93-5	5656	TR-187(Olson)	163A	TR1033-6	190	TR-8024	128
TR01015-2	123AP	TR0105805	182	TR-11C	160	TR93-6	5656	TR-188(Olson)	175	TR1034	159	TR-8025	123A
TR01026	319P	TR0573486	233	TR11C	160	TR93A-1	5655	TR193	101	TR1034-3	159	TR8025	123A
TR01027	229	TR0573491	123A	TR-12	160	TR93A-2	5655	TR194	101	TR1034-4	159	TR-8026	159
TR01037	123AP	TR0573507	229	TR-12C	160	TR93A-3	5655	TR200	5986	TR1034-5	159	TR8026A	159
TR01040	123AP	TR0575002	109	TR12C	160	TR93A-4	5655	TR203	6054	TR1034A	159	TR-8027	312
TR01042	319P	TR0575005	110MP	TR12S	5022A	TR93A-5	5656	TR211	101	TR1035-3	81	TR-8028	108
TR01045	182	TR1N2326	OBS-NLA	TR12SA	5021A	TR93A-6	5656	TR212	101	TR1035-4	81	TR8028	123A
TR-01045	182	TR1N4002	116	TR12SB	5022A	TR93B-1	5655	TR213	101	TR1035-5	81	TR8029	123A
TR01051-5	81	TR1R26	160	TR12SC	5023A	TR93B-2	5655	TR214	101	TR1036	179	TR-8029	108
TR01051-7	81	TR-1R26	160	TR-13	160	TR93B-3	5655	TR216	101	TR-1036-1	183	TR8030	123A
TR01053-1	123AP	TR-1R31	108	TR-13C	160	TR93B-4	5655	TR251	5990	TR1036-1	183	TR-8030	108
TR01053-5	123AP	TR-1R33	123A	TR13C	160	TR93B-5	5656	TR252	5988	TR1036-2	183	TR-8031	108
TR01053-6	123AP	TR-1R35	108	TR-14	102A	TR93B-6	5656	TR253	6060	TR-1036-2	183	TR8031	123A
TR01054-1	123AP	TR2A	116	TR-14C	102A	TR94-1	5655	TR262-2	124	TR-1036-3	187	TR-8032	108
TR01054-5	128	TR2N990	160	TR14C	102A	TR94-2	5655	TR266-2	124	TR1036-3	183	TR8034	123A
TR01054-7	128	TR2N2148	121	TR-15	102A	TR94-3	5655	TR271 TR26	130	TR-1037-1	182	TR-8034	199
TR01056-5	182	TR2N2614	102A	TR15C	102A	TR94-4	5655	TR300	5990	TR1037-1	182	TR8035	123A
TR01057-1	182	TR2N2614C	102A	TR-15C	102A	TR94-5	5656	TR301	154	TR-1037-2	182	TR-8035	123A
TR0-1057-1	182	TR-2N2641C	102A	TR-16	104	TR94-6	5656	TR302	123A	TR1037-2	182	TR-8036	128
TR0-1057-3	182	TR2N2654	160	TR-16C	104	TR94A-1	5655	TR303	6060	TR1037-3	182	TR8036	128
TR01057-3	182	TR2N2924	289A	TR16C	121	TR94A-2	5655	TR-320	102A	TR-1037-3	186	TR8037	129
TR01057-4	182	TR-2N2924-18	289A	TR16X2	104MP	TR94A-3	5655	TR320	102	TR1038	179	TR-8037	159
TR0-1057-4	182	TR2N2925-18	123A	TR-17	160	TR94A-4	5655	TR320A	102	TR1038-4	219	TR-8038	108
TR0-1058-1	182	TR2N3588	160	TR-17A	160	TR94A-5	5656	TR-320A	102A	TR1038-5	281	TR-8039	123A
TR01058-5	182	TR2N3588-3	160	TR-17C	160	TR94A-6	5656	TR320AN	102A	TR1038-6	183	TR8039	123A
TR0-1058-5	182	TR2N3638A-3	159	TR-18	160	TR94B-1	5655	TR-321	102A	TR1039-4	130	TR8040	123A
TR01059-5	196	TR2N4079	131 + 155(OP)	TR-18C	160	TR94B-2	5655	TR321	102	TR-1039-4	130	TR-8040	199
TR01060-7	181	TR2N4248	159	TR18C	160	TR94B-3	5655	TR321 (HFHG1)	100	TR1039-5	280	TR-8042	123A
TR01062-1	123AP	TR2N5163	312	TR-19	152	TR94B-4	5655	TR-321A	102A	TR1039-6	130	TR8042	108
TR01062-7	128	TR2N5163A	312	TR19(PNP/SIL)	159	TR94B-5	5656	TR323	102	TR1077	130	TR-8043	107
TR01063-1	123AP	TR2N5163B	312	TR19(PNP/GE)	160	TR94B-6	5656	TR323A	102	TR120	5870	TR8043	123A
TR01063-5	123AP	TR-2R26	160	TR19(PWR)	152	TR-95	139A	TR-323A	102A	TR121	5874	TR8055	159
TR01063-6	123AP	TR2R26	160	TR-19A	159	TR-95(B)	139A	TR323AN	102A	TR122	5874	TR9004(IC)	718
TR01064-5	247	TR-2R31	108	TR-20	159	TR100	5982	TR331	160	TR123	5878	TR9100	123A
TR0-1064-5	247	TR-2R33	108	TR-20A	159	TR103	6054	TR332	102	TR124	5878	TR-9100-18	123A
TR0-1064-6	247	TR-2R35	108	TR-21	123A	TR105(Sprague)	193	TR333	121	TR125	5882	TR12001-4	109
TR01064-7	247	TR2S1570LH	123A	TR-21-6	123A	TR106(Sprague)	234	TR334	105	TR126	5882	TR13006-1	177
TR0-1064-7	247	TR2SA608NP(ECB)	159	TR-21C	123A	TR110B	179	TR335	101	TR128	5886	TR13006-2	177
TR0-1064-8	247	TR2SA608NPE(ECB)	159	TR21C	108	TR112	108	TR336	101	TR130	5890	TR13006-3	177
TR01064-9	247	TR2SA608NPF(ECB)	159	TR-22	123A	TR116A	5640	TR337	101	TR-1347	123A	TR14001-1	5081A
TR01065	227	TR2SA763	234	TR22	129	TR116B	5641	TR338	103	TR490	130	TR-14001-2	5130A
TR01073	229	TR-2SC367	123A	TR22C	108	TR116C	5642	TR339	5990	TR491	130	TR-14001-2	5130A
TR01074	229	TR2SC371	108	TR22C	108	TR116M	5643	TR352	5990	TR492	130	TR-14001-4	5135A
TR02012	126A	TR2SC371	108	TR-22C	123A	TR125B	145A	TR353	6060	TR493	130	TR14002-2	145A
TR02020-2	159	TR2SC372	108	TR-23	124	TR135A	5645	TR383	102	TR1512-80	108	TR14002-6	142A
TR02051-1	159	TR2SC372	108	TR23	128	TR135AA	5645	TR383(HGFH-2)	102	TR1591	175	TR14002-10	5084A
TR02051-3	159	TR2SC373	123A	TR23A	128	TR135AB	5645	TR400	5990	TR1591	175	TR-14002-10	147A
TR02051-5	159	TR2SC373	123A	TR23C	124	TR135AD	5645	TR401	5990	TR1605LP	124	TR14002-12	145A
TR02051-6	159	TR2SC384	108	TR-23C	124	TR135AM	5645	TR402	5990	TR-1993	199	TR14002-13	5079A
TR02053-6	159	TR2SC384	108	TR-23C	108	TR135B	5645	TR403	6060	TR1993-2	123A	TR17001-1	614
TR02053-7	189	TR2SC482	128	TR24	128	TR135D	5645	TR404	100	TR2015T	5543	TR17001-6	614
TR02054-1	159	TR-2SC482	128	TR-24(Philco)	123A	TR135E	5645	TR482A	109	TR2015T	5543	TR35144A	121
TR02054-5	129	TR2SC535	229	TR25	128	TR136A	5645	TR-482A	102A	TR2083-42	109	TR35144A	121
TR02054-5	129	TR2SC536E	199	TR-25	128	TR136B	5645	TR501	5952	TR2083-44	601	TR35524	121
TR02054-7	129	TR2SC536F	199	TR-26	130	TR136D	5645	TR502	5952	TR2083-70	453	TR36642	130
TR02057-1	183	TR2SC5671	195A	TR26	130	TR136M	5645	TR508	102	TR2083-71	313	TR36642D	130
TR0-2057-1	183	TR2SC735	123A	TR26-1	175	TR140A	5645	TR-508A	102A	TR2083-72	313	TR36643A	128
TR02057-3	183	TR-2SC735	123A	TR26C	130	TR140B	5645	TR508A	102	TR2083-73	313	TR36643A	128
TR0-2057-3	183	TR2SC930D	229	TR-28	129	TR140D	5645	TR508AN	102A	TR2083-74	313	TR38117	102A
TR0-2057-4	183	TR2SC11570LH	123A	TR28(PWR)	152	TR140M	5645	TR515T	5541	TR2083-75	102	TR38117	221
TR02057-4	183	TR2SC11570LH	123A	TR28(FNP)	152	TR141A	56004	TR515T	5541	TR2083-76	102	TR40017	161
TR0-2058-1	183	TR2SC3677	123A	TR29	219	TR141B	56004	TR602	5994	TR-2880	116	TR40245-2	161
TR-02058-5	183	TR2SD325	152	TR-29	219	TR141D	56006	TR650A	102A	TR3015T	5545	TR40245-3	161
TR02058-5	183	TR2SD325E	152	TR30	159	TR141M	56008	TR653	102	TR4010	199	TR40603	221
TR0-2058-5	183	TR2SD330E	152	TR-30	159	TR142A	5645	TR653A	102A	TR4010-2	123AP	TR40604	221
TR02059-5	197	TR2SD400E	382	TR-30A	159	TR142B	5645	TR653A	102A	TR4010-2	123AP	TR40604	221
TR02060-7	180	TR2SD400F	382	TR31	159	TR142D	5645	TR721A	102A	TR4083-2327311	1039	TR310011	102A
TR02062-1	159	TR2SK55	312	TR-31B	128	TR142M	5645	TR722	102	TR4083-2327312	1039	TR310012	102A
TR02062-6	129	TR-2SK55	312	TR32	194	TR146A	56004</						

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TR310225	102	TRA72	5514	TRS1005LP	124	TS-604	102A	TSW200C	5404	TV4	116
TR310227	102A	TRA72D	5492	TRS1204	198	TS604	158	TSW5080	5400	TV-6	123A
TR310230	108	TRA74	5515	TRS1205	124	TS609	105	TSW5081	5401	TV6.5	118
TR310231	123A	TRA74D	5494	TRS1205LP	124	TS-609	105	TSW5082	5402	TV-7	108
TR310232	160	TRA105(SCR)	5514	TRS1404	198	TS-610	104	TSW5083	5404	TV8	125
TR310235	102A	TRA105D(SCR)	5501	TRS1405	124	TS610	121	TSW5084	5404	TV13-11K60	502
TR310236	103A	TRA415	108	TRS1405LP	124	TS612	121	TSW5085	5405	TV13-12K60	503
TR310243	123A	TRA705	5514	TRS1604	198	TS-612	104	TSW5086	5405	TV-15	108
TR310244	108	TRA705D	5491	TRS1605	124	TS-613	104	TS2SA495-0	290A	TV15	161
TR310245	123A	TRAL1115D	5673	TRS1804	198	TS613	121	TS2SA495-0-A	159	TV15A	161
TR310249	108	TRAL1115DM	5673	TRS1805	124	TS-614	104	TT2SA4950	290A	TV15B	161
TR310250	108	TRAL1125D	5693	TRS1805LP	124	TS614	121	TT2SA495-O-A	159	TV-15B	108
TR310251	102A	TRAL1125DM	5693	TRS2004	198	TS-615	180	TT2SA495-Y	290A	TV15C	161
TR310252	102A	TRAL1135D	5693	TRS2005	124	TS616	158	TT2SA495-Y-A	159	TV16	108
TR310255	102A	TRAL1135DM	5693	TRS2005LP	124	TS-616	102A	TT2SA495-Y-A	159	TV17	123A
TR320007	110MP	TRAL2215D	5675	TRS2006	198	TS-617	102A	TT2SC983-0	287	TV17A	108
TR320008	109	TRAL2215DM	5675	TRS2254	198	TS617	158	TT2SC983-0-A	198	TV18	108
TR320020	116	TRAL2225D	5695	TRS2255	124	TS-618	102A	TT2SC983-0-A	171	TV-18	123A
TR320022	116	TRAL2225DM	5695	TRS2255LP	124	TS618	158	TT2SC983-R-A	198	TV18S	504
TR320039	109	TRAL2235D	5695	TRS2504	198	TS619	158	TT2SC983-R-A	198	TV19	154
TR320041	109	TRAL2235DM	5695	TRS2505	124	TS-620	160	TT2SC983-Y	287	TV-19	154
TR320048	109	TRAPLC711	123A	TRS2505LP	124	TS-621	160	TT2SC983-Y-A	198	TV-20	233
TR320027	116	TRAPLC871	123A	TRS2754	198	TS627	158	TT18N400KOC	5710	TV-20	161
TR320028	140A	TRAPLC871A	123A	TRS2755	124	TS-627	108	TT18N400KOC	5710	TV20-10K80	505
TR320063	289A	TRAPLC1013	186	TRS2755LP	124	TS-627A	160	TT18N800KOC	5710	TV20-S	505
TR3237031	125	TR-BC107B	123A	TRS2804S	198	TS-627B	160	TT18N1000KOC	5710	TV21	192
TR3237041	116	TR-BC109B	123A	TRS2805S	198	TS-629	102A	TT18N1000KOC	5710	TV-21	123A
TR3237203	152	TRBC147B	123AP	TRS3006	198	TS629	158	TT18N1200KOC	5710	TV22	108
TR3237293	289A	TR-BC147B	123AP	TRS3011	154	TS-630	180	TT25N1000KOC	5710	TV-22	191
TR3237312	1039	TRBC149C	123AP	TRS3012	154	TS630	160	TT25N600KOC	5710	TV-23	123A
TR3237333	289A	TR-BC149C	199	TRS3014	171	TS635	5547	TT25N800KOC	5710	TV23	128
TR3237363	199	TR-BF115	108	TRS3015	198	TS635FA	5360	TT25N1000KOE	5710	TV-25	191
TR3237393	185	TR-BF184	161	TRS3015LP	124	TS635FAM	5360	TT25N1000KOC	5710	TV-25	192
TR3237411	1041	TR-BRC149C	123A	TRS3016LC	124	TS635X	5547	TT25N1200KOC	5710	TV-26	128
TR3237422	720	TR-C44	100	TRS3204S	198	TS669A	100	TT32N400KOC	5710	TV27	103
TR3237431	222	TRC44	100	TRS3205S	198	TS669B	100	TT32N600KOC	5710	TV-27	103A
TR3237443	199	TR-C44A	100	TRS3254	198	TS669C	160	TT32N800KOC	5710	TV28	192
TR3237444	199	TRC44A	100	TRS3255	198	TS669D	160	TT32N800KOC	5710	TV-28	192
TR3237574	390	TR-C45	102	TRS3501	396	TS669E	100	TT32N1000KOC	5710	TV-29	129
TR3237603	184	TRC45	100	TRS3502	396	TS669F	100	TT32N1200KOC	5710	TV29	129
TR3237607	184	TR-C45A	100	TRS3742	198	TS-672A	160	TT36N200KOC	5710	TV32	108
TR3237723	153	TRC45A	100	TR4001	396	TS-672B	160	TT36N400KOC	5710	TV-32	123AP
TR3237733	138A	TRC70	102	TR4002	396	TS672B	160	TT36N600KOC	5710	TV-33	161
TR3237743	129	TR-C70	102	TR4014	396	TS673A	160	TT36N800KOC	5710	TV34	319P
TR3237841	219	TR-C71	102	TR4016LC	124	TS673A	160	TT36N1000KOC	5710	TV34	506
TR3237852	175	TRC71	102	TR4501	396	TS673B	160	TT36N1200KOC	5710	TV-34	319P
TR3237911	177	TRC72	102	TR4926	198	TS-673B	160	TT42N200KOC	5710	TV-35	161
TR3237963	5080A	TR-C72	102	TR4927	198	TS-673B	102A	TT42N400KOC	5710	TV-35	319P
TR3237101	142A	TR-C72(Diode)	170MP	TR5016LC	124	TS739	158	TT42N600KOC	5710	TV-36	161
TR3237103	144A	TRC-P4	113A	TR56016LC	124	TS-739B	102A	TT42N800KOC	5710	TV37	319P
TR3237123	137A	TRDS442	177	TR-SK3730	290A	TS739B	158	TT42N1000KOC	5710	TV-37	161
TR3237161	1124	TR-DTG110	121	TRSP-2254	397	TS740	102A	TT42N1200KOC	5710	TV-38	161
TR3237171	801	TR-DTG110B	121	TRSP-2254S	397	TS740	102A	TT45N800KOC	5710	TV-38	123A
TR5302326	229	TR-F1482	312	TRSP4000	323	TS765	158	TT45N1000KOC	5710	TV39	123A
TR28735045311	108	TR-F1483	312	TRSP4001	397	TS-765	102A	TT45N1200KOC	5710	TV-39	161
TR28735046011	107	TR-FET-1	312	TRSP4002	397	TS835	5548	TT46N200KOC	5710	TV-40	123A
TR28735048617	108	TRHA1151	1237	TRSP53329	159	TS935X	5548	TT46N400KOC	5710	TV-41	128
TR28735048618	108	TRHA1230	798	TRSP53330	159	TS1007	102A	TT46N600KOC	5710	TV41	128
TR28735120325	312	TRLP2004	397	TR-TR38	123A	TS-1007	502A	TT46N800KOC	5710	TV42	128
TR28736002003	109	TRMBC149B	123AP	TR-U1650E	312	TS-1193-736	130	TT46N1000KOC	5710	TV-43	128
TR28736002004	110MP	TR-MPP106	451	TR-U1835E	312	TS-1266	102A	TT46N1200KOC	5710	TV44	159
TR28736003026	140A	TRN2413	524V1	TRWZ130	5022	TS1266	158	TT60N400KOC	5710	TV-44	159
TR28779905696	1003	TR-0303	176	TS05	116	TS1266	176	TT60N600KOC	5710	TV-45	128
TR-19A	189	TR01054-7	28	TS05FA	5360	TS1657	121	TT60N800KOC	5710	TV46	128
TRA-2	126A	TRO-9004	718	TS05FAM	5360	TS-1657	121	TT60N1000KOC	5710	TV46	123A
TRA4	123A	TRO-9005	703	TS-1	102A	TS-1727	102A	TT60N1200KOC	5710	TV-46	123A
TRA-4A	123A	TRO-9006	703	TS1	158	TS1727	158	TT66X26	116	TV47	158
TRA-4A	123A	TRO-9011	720	TS-2	102A	TS-1728	102A	TT75N400KOC	5720	TV-47A	159
TRA4B	123A	TRO9033	802	TS-2A	116	TS1728	158	TT75N600KOC	5720	TV48	123A
TRA4B	123A	TRO9034	803	TS-2A	116	TS1792	102A	TT75N800KOC	5720	TV-48	229
TRA-4B	123A	TRO6040P-1	116	TS2A	116	TS2218	128	TT75N1000KOC	5720	TV-49	154
TRA-7F	121	TRR6	5679	TS3	125	TS2219	128	TT75N1200KOC	5720	TV49	191
TRA7R	121	TR-R38	123A	TS4	102A	TS2221	123A	TT95N400KOC	5720	TV-50	319P
TRA-7RM	121	TRSO404E13	5380	TS4	5804	TS2222	123A	TT95N600KOC	5720	TV50	161
TRA-8R	121	TRSO412E13	5381	TS6	116	TS2904	159	TT95N800KOC	5720	TV51	128
TRA8R	121	TRS100	154	TS8	125	TS2905	159	TT95N1000KOC	5720	TV-51	123A
TRA9R	123A	TRS100A	154	TS13	102	TS2906	159	TT95N1200KOC	5720	TV52	128
TRA-9R	123A	TRSO10HC	2825	TS-13	102A	TS2907	159	TT204	108	TV-52	123A
TRA10R	160	TRS101	154	TS14	102	TS9013	108	TT-204	108	TV-53	123A
TRA-10R	126A	TRS120	154	TS-14	102A	TS-21756640	158	TT204A	108	TV53	128
TRA11(SCR)	5514	TRS125HC	2825	TS-15	102A	TSB-245	116	TT-204A	108	TV54	161
TRA11D(SCR)	5514	TRS140	154	TS15	102	TSB245	116	TT204AB	108	TV-54	233
TRA11R	160	TRS140HP	171	TS67BB	176	TSB-1000	116	TT-204AB	108	TV55	108
TRA-11R	126A	TRS140MP	198	TS97-1	159	TSB3055	36	TT204B	108	TV-55	233
TRA12(SCR)	5514	TRS160	154	TS135	5542	TS136	177	TT-204B	108	TV56	123A
TRA12D(SCR)	5504	TRS160HP	171	TS135FA	5360	TS159	116	TT-204C	108	TV-56	123A
TRA-12R	126A	TS135FAM	5360	TS135X	5542	TSC499	123A	TT204C	108	TV57	107
TRA12R	160	TS162	102A	TS162	158	TSC499	199	TT1083	121	TV-57	159
TRA14(SCR)	5515	TS163	102A	TS163	128	TSC614	108	TT-1083	121	TV57A	123A
TRA14D(SCR)	5507	TS164	158	TS164	128	TSC695	123A	TT-1097	123A	TV-58	123A
TRA-22	126A	TS165	102A	TS165	128	TSC722	128	TT1097	107	TV58	107
TRA22A	160	TS200HP	171	TS166	158	TSC-722	128	TTT-2SA1015-O	290A	TV58A	123A
TRA-22A	126A	TS200MP	198	TS167	199	TSC767	199	TTT-2SA1015-Y	290A	TV-59	128
TRA22B	160	TS225	154	TS168	102	TSC7106CNN	2051	TTT-2SC732-BL	199	TV59	128
TRA-22B	126A	TS225HP	171	TS169	102A	TSC7107CNN	2050	TTT-2SC732-BL	199	TV59A	123A
TRA-23	126A	TS225MP	198	TS169	158	TSC8002	128	TTT-2SC1000GBL	199	TV60	107
TRA23	160	TS250	154	TS169	102A	TSC8002-38	123AP	TTT-2SC1627AY	289A	TV-60	107
TRA-23A	126A	TS250HP	171	TS173	121	TSC9002	129	TTT-2SC1815-BL	85	TV61	102
TRA23A	160	TS250MP	198	TS173	121	TS14004F3	5629	TTT-2SC1815-GR	85	TV61	158
TRA-23B	126A	TS275	154	TS173	121	TS16041	B40240	TTT-2SC1815-GR	85	TV61	158
TRA23B	160	TS275HP	171	TS176	121	TS16G41	B40480	TTT-2SD880-Y	152	TV-61A	12

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TV24189	102A	TVCM-10	722	TVS0A71	116	TVS-2SC606	108	TVS25C562	123A	TVSEQA01-057	136A	TVSM51247P	1173
TV24190	113A	TVCM-11	712	TVS-0A81	109	TVS2SC644	123A	TVS25C645	123A	TVSEQA01-125	142A	TVSM53210P	7410
TV24191	116	TVCM-12	719	TVS0A90	109	TVS-2SC644	107	TVS-82G	112	TVSEQB01-12	142A	TVSMA26	177
TV24192	116	TVCM-13	721	TVS-0A90	109	TVS-2SC645	107	TVS-182G	112	TVSEQB01-15	145A	TVSMB1F	525
TV24194	102A	TVCM-15	731	TVS0A91	109	TVS2SC645	108	TVS-185D	116	TVSERO508	125	TVSMB-1F	558
TV24200	116	TVCM-16	723	TVS-0A91	109	TVS-2SC645A	107	TVS340M	5424#	TVSERB24-06	506	TVSM15R	116
TV24203	108	TVCM-17	735	TVS-0A95	109	TVS2SC645A	108	TVS550	116	TVSERA81-004	116	TVSM15RC	116(2)
TV24204	108	TVCM-18	737	TVS-0V-02	506	TVS-2SC645B	107	TVS-828A	123A	TVSERB-04D	552	TVSM15S	116(2)
TV24209	181	TVCM-19	744	TVS1C59	552	TVS2SC645B	123A	TVS282A	123A	TVSERB12-01	116	TVSM15SC	116(2)
TV24210	107	TVCM-20	736	TVS-1N82G	112	TVS2SC645C	108	TVS-1303	159	TVSERB12-02	125	TVSMP0574J	615A
TV24211	175	TVCM-21	739	TVS1N741A	142A	TVS-2SC645C	107	TVS1850	116	TVSERB24-04D	506	TVSMP23C	1046
TV24214	159	TVCM-22	790	TVS1N741H	142A	TVS-2SC646	181	TVS2406M	552	TVSERB24-06	506	TVS-MPC23C	1046
TV24214A	159	TVCM-23	804	TVS1N4002	116	TVS2SC647	130	TVS4150	177	TVSERB24-06A	506	TVS-MPC574J	615A
TV24215	123A	TVCM-25	804	TVS1N4148	519	TVS2SC647A	101	TVS6321FLC6	5424	TVSERB24-06B	506	TVS-MPC595C	1186
TV24216	123A	TVCM-26	804	TVS1N4148TE	519	TVS2SC647B	165	TVS2126F	121	TVSERB24-06C	552	TVS-MPC596C	1187
TV24217	506	TVCM-27	738	TVS1N4148V	519	TVS2SC647C	165	TVS0A107RE	5071A	TVSERB24-06D	552	TVS-MPC596C2	1187
TV24218	127	TVCM-28	742	TVS1N4150V	519	TVS2SC647D	165	TVS-A910	507	TVSERB2406C	506	TVS-MPC596C2B	1187
TV24219	506	TVCM-29	747	TVS1N741A	141A	TVS2SC647E	165	TVSASF01	506	TVSERC04-10	125	TVS-MPC596CE	1187
TV24221	125	TVCM-33	729	TVS1P80	125	TVS2SC647-P	165	TVS-SD1	506	TVSERC0410	125	TVS-MPC1355C	749
TV24222	116	TVCM-34	791	TVS1R80	558	TVS2SC647Q	165	TVSAN155	147A	TVSERC0508	125	TVSMR1	156
TV24224	116	TVCM-35	740A	TVS-1S18	108	TVS2SC647Q	165	TVSAN220	711	TVSERC0510	125	TVSMR1C	125
TV24225	156	TVCM-39	788	TVS1S750	112	TVS2SC647R	165	TVSAN225	739	TVSERC0510V	125	TVSMR1F	525
TV24225	113A	TVCM-81	784	TVS1S750	112	TVS2SC683	151	TVSAN227	1062	TVSES1	552	TVSMR1M	125
TV24229	160	TVCM-89	1155	TVS1S951	177	TVS2SC683V	161	TVSAN241	712	TVSES1A06	116	TVSMT-15RC	116(2)
TV24230	160	TVCM-500	7400	TVS1S954	519	TVS-2SC684	161	TVSAN241D	712	TVSES1A10N	116	TVSMT-15SC	116(2)
TV24232	116	TVCM-501	74H22	TVS1S954(2)	519	TVS2SC684	123A	TVSAN241D	712	TVSEU2	552	TVSNJ3T1	6402
TV24234	120	TVCM-503	7474	TVS1S1211	116	TVS2SC686	128	TVSAN241D	712	TVSEU2A	552	TVSOA70	109
TV24239	160	TVCM-504	7493A	TVS-1S1850	116	TVS2SC686	128	TVSB0102	5074A	TVSEU2A	506	TVSOA71	116
TV24266	116	TVCM-505	7490	TVS-1S1893	5800	TVS2SC762	108	TVSB01-02	552	TVS-FR1MD	116	TVSOA81	177
TV-24266	116	TVCM-506	74161	TVS1S1906	116	TVS-2SC762	161	TVSB01-02(ZENER)	5074A	TVS-FR1P	506	TVSOA90	109
TV24272	13A	TVCM-507	7416	TVS-1S1906	116	TVS-2SC828	123A	TVSB01-2	177	TVSFR1P	116	TVS-OA95	177
TV24273	110MP	TVCM-508	7447	TVS1S1922	519	TVS-2SC828Q	123A	TVSB0102	116	TVSFR1P	116	TVS-OV-02	116
TV24278	116(2)	TVCM-509	7447	TVS1S1950	116(2)	TVS2SC828A	123A	TVSB0102V	116	TVSFR2-PC	116	TVS-PC2P1/2	116
TV24281	123A	TVCM-510	7447	TVS1S2076	177	TVS2SC828A	123A	TVSB24-06	552	TVSFR2-PC(FR1P)	116	TVS-PC2P1/2	116
TV24282	116	TVDS1M	116	TVS1S2076MC	519	TVS2SC828P	123A	TVSB24-06C	552	TVSFR1PC	116	TVSPC23C	1046
TV24283	116	TVDS1M	116	TVS1S2370	558	TVS2SC828Q	123A	TVSB24-06D	552	TVS-FR1-PC	116	TVSPC-713U	3041
TV24285	166	TVH538	113A	TVS1S2473	519	TVS2SC828Q	123A	TVSB24-06E	552	TVS-FR1PC	116	TVSPC1380C	1196
TV24292	116	TVM-026	536A	TVS1S2687	612	TVS2SC828R	123A	TVSB1202	116	TVSFR2-005	506	TVS-PCD2P1/2	116
TV24296	116	TVM7K705M	113A	TVS-2B-2C	506	TVS2SC828R	107	TVSB1202V	116	TVSFR2-02C	506	TVS-PCD2P1/2	116
TV24313	108	TVM35	116	TVS-2SC845A	123A	TVS2SC840	124	TVSB1204	125	TVSFR2-02G	506	TVSQ01-06SB	5070A
TV24337	121	TVM56	116	TVS-2SC845A	107	TVS-2SC840	175	TVSB1204V	116	TVSFR2-04	506	TVSQ01-07RE	5071A
TV24341	127	TVM108	501B	TVS2S166A	274	TVS-2SC840A	125	TVSB1204V	116	TVSFR2-06	506	TVSQ0207M	5014A
TV24351	160	TVM-108	501B	TVS-2SA171B	102A	TVS2SC840A	175	TVSB2404D	552	TVSFR2-10	506	TVSQ01-06SB	5070A
TV24363	159	TVM153	522	TVS-2SA103	160	TVS2SC840C	175	TVSB2406C	552	TVSFR2-10	506	TVSQ01-07RE	5071A
TV24363A	159	TVM511	116(3)	TVS-2SA171	100	TVS2SC901	162	TVSB2406D	552	TVSFR2M	116	TVSQ01-11SE	5074A
TV24370	102A	TVM-511	116	TVS-2SA395	102A	TVS-2SC901	163A	TVSB2406E	552	TVSFR2PC	156	TVSQ01-12S	142A
TV24372	123A	TVM-526	113A	TVS-2SA385A	102A	TVS2SC920-00	108	TVSB3015M	552	TVSFR2-2PC	116	TVSQ01-14RD	144A
TV24380	107	TVM526	114	TVS-2SA385L	102A	TVS2SC945A	85	TVSB4302	552	TVSFR10	116	TVSQ01-15RB	5074A
TV24382	107	TVM529	166	TVS2SA453	192	TVS-2SC948	161	TVSB4302V	552	TVSFT1M	506	TVSQ01-25A	5080A
TV24383	107	TVM-530	178MP	TVS2SA546	129	TVS2SC968	123	TVSB4304	552	TVSFT-1N	125	TVSQ01-25R	5080A
TV24385	107	TVM531	503	TVS2SA564	159	TVS2SC968	123	TVSB4304V	552	TVSFT-1N	506	TVSQ01-25RA	5009A
TV24387	108	TVM533	504	TVS-2SA564	159	TVS2SC1255HF	128	TVSB4304V	552	TVSFT-1N	506	TVSQ01-25RA	5081A
TV24399	161	TVM535	506	TVS2SA564A	159	TVS2SC1256	129	TVSB4304V	552	TVSFT-1P	116	TVSQ01-11SE	5074A
TV24435	154	TVM-537	119	TVS-2SA564A	159	TVS2SC1256HG	129	TVSB4304V	552	TVSFT-1P	506	TVSQ01-SE	5074A
TV24436	161	TVM537	506	TVS2SA564C	159	TVS2SC1505	198	TVSB4304V	552	TVSFT-1P	506	TVSQ0105R	5010A
TV24437	161	TVM538	113A	TVS2SA564C	159	TVS2SC1505-1	198	TVSB4304V	552	TVSFT-1P	506	TVSQ0105RA	5009A
TV24438	107	TVM540	505	TVS-2SA564P	159	TVS2SC1505L	198	TVSB4304V	552	TVSFT-1P	506	TVSQ0106S	137A
TV24453	123A	TVM546	507	TVS2SA564P	159	TVS2SC1507	198	TVSB4304V	552	TVSFT-1P	506	TVSQ01-11SE	5074A
TV24454	123A	TVM550	116	TVS2SA564PY	159	TVS2SC1507K	198	TVSB4304V	552	TVSFT-1P	506	TVSQ01-15RB	5074A
TV24458	123A	TVM553	502	TVS2SA564Q	159	TVS2SC1507L	198	TVSB4304V	552	TVSFT-1P	506	TVSQ0107RE	5071A
TV24468	127	TVM554	113A	TVS2SA607	159	TVS2SC1519	198	TVSB4304V	552	TVSFT-1P	506	TVSQ0107SP	5014A
TV24487	175	TVM554A	178MP	TVS2SA609	159	TVS2SC1520	198	TVSB4304V	552	TVSFT-1P	506	TVSQ0108SH	5016A
TV24495	159	TVM563	116	TVS2SA688	153	TVS2SC1520L	198	TVSB4304V	552	TVSFT-1P	506	TVSQ0111SE	5074A
TV24495A	159	TVM567	502	TVS2SB126	121	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-14RD	144A
TV24499	154	TVM569	503	TVS-2SB126	121	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-15RB	5074A
TV24540	503	TVM570	505	TVS-2SB126V	121	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25A	5080A
TV24554	177	TVM778	500A	TVS-2SB171	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25R	5080A
TV24569	127	TVM-778	500A	TVS2SB171	158	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5009A
TV24571	161	TVM-EH2C	116	TVS2SB171A	158	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24573	108	TVM-EH2C11	116	TVS2SB171A	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24574	108	TVMHS151b	116	TVS2SB171B	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24576	123A	TVMHS151b	116	TVS2SB172	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24582	116	TVM-K112C	113A	TVS-2SB172A	100	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24586	116	TVM-K-112C	178MP	TVS-2SB172F	100	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24589	108	TVM-K112C	113A	TVS-2SB176	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24599	102A	TVM-L00.09M1115	119	TVS-2SB234	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24617	506	TVMML00.09M1115	116	TVS-2SB324	158	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24648	506	TVM-M204B	116	TVS2SB324	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24650	503	TVM-M204B	116	TVS2SB324	102A	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24651	5800	TVM-PH9D22/1	116	TVS-2SB448	127	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24655	123A	TVM-PH9D22/1	116(4)	TVS2SB449	121	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24678	121	TVMPH9D22/1	116	TVS-2SB449F	292	TVS2SC1629A	238	TVSB4304V	552	TVSFT-1P	506	TVSQ01-25RA	5081A
TV24684													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
TVS-RD(M)(P)D	142A	TVSS1R20	552	TW6N100CZ	5673	TX138	128	TXS407-4	5426	TVS806-2	5437	TZC68A	4958
TVSRD2R4E	5000A	TVSS1R80	552	TW6N200CZ	5673	TX-139	129	TVS806-05	5426	TVS806-4	5437	TZC68B	4958
TVSRD2.7EB2	5002A	TVSS1WB10	5332	TW6N300CZ	5675	TX139	129	TVS806-1	5426	TVS806-6	5438	TZC68C	4958
TVSRD3R9EB	5005A	TVSS2VC60Z	116	TW6N400CZ	5675	TX140	128	TVS806-2	5426	TVS806-7	5437	TZC200A	4988
TVSRD3R9EB2	5006A	TVSS3-2	116	TW6N500CZ	5677	TX-140	128	TVS806-4	5426	TVS806-1	5437	TZC200B	4988
TVSRD3R9EB2	5007A	TVSS3G4	125	TW6N600CZ	5677	TX-141	123A	TVS807-05	5426	TVS807-2	5437	TZPD3.3	5066A
TVSRD3R9EC	5007A	TVSS4C	116	TW8N100CZ	5682	TX141	107	TVS807-1	5426	TVS807-4	5437	U1	118
TVSRD3R9EB	5005A	TVS-SB-2C	125	TW8N200CZ	5683	TX-145	5455	TVS807-2	5426	TVS807-6	5438	U1	118
TVSRD3.0EB2	5004A	TVSS15	506	TW8N300CZ	5685	TX-183S	182	TVS807-05	5426	TVS806-05	5438	U04	190
TVSRD3.0EL1	5004A	TVSS-34	506	TW8N400CZ	5685	TX1005	124	TVS806-05	5426	TVS806-1	5437	U05-B	5801
TVSRD3.0EL1Z	5004A	TVSS34	506	TW8N500CZ	5687	TX-1005	175	TVS806-1	5426	TVS806-2	5437	U05B	5801
TVSRD3.6EL1	5006A	TVSS34RECT	116	TW8N600CZ	5697	TXAL116B	5645	TVS806-2	5426	TVS806-4	5437	U05C	5802
TVSRD3.6EL1Z	5006A	TVS-SB2	112	TW10	116	TXAL116C	5645	TVS806-4	5426	TVS806-6	5438	U05E	5804
TVSRD4AM	134A	TVSS6321FLC6	5424	TW10N100CZ	5682	TXAL116M	5645	TVS807-05	5426	TVS807-1	5437	U05ES	5804
TVSRD4R7EB	5009A	TVSS6394GLC6	5424#	TW10N200CZ	5683	TXAL118B	5645	TVS807-1	5426	TVS807-2	5437	U05ESS	5804
TVSRD4R7EB2	5009A	TVSSA-2B	116	TW10N300CZ	5685	TXAL118C	5645	TVS807-2	5426	TVS807-2	5437	U05G	5806
TVSRD4.7EB2	5009A	TVSSA-2B	125	TW10N400CZ	5685	TXAL118M	5645	TVS807-4	5426	TVS807-4	5437	U05G(Flyback)	5809
TVSRD4.7EB3Z	5009A	TVSSA2H	156	TW10N500CZ	5687	TXAL226B	5645	TVS1006-05	5426	TVS1006-1	5426	U06	580
TVS-RD5A	135A	TVSSA-2H	117A	TW10N600CZ	5689	TXAL226C	5645	TVS1006-1	5426	TVS1006-2	5426	U06C	580
TVSRD5A	135A	TVSSA7B	102	TW12N400CX	5695	TXAL226M	5645	TVS1006-2	5426	TVS1006-4	5426	U06CS	580
TVSRD5A	135A	TVSSB-2	506	TW12N600CX	5697	TXAL228B	5645	TVS1007-05	5426	TVS1007-05	5426	U06E	580
TVSRD5A	135A	TVSSB2-C	506	TW20	116	TXAL228C	5645	TVS1007-1	5426	TVS1007-1	5426	U06E	580
TVSRD5R1B3	5010A	TVS-SB-2C	506	TW30	116	TXAL229M	5645	TVS1007-2	5426	TVS1007-2	5426	U07J	558
TVSRD5R1JB	5010A	TVS8B2C	506	TW38	15A	TXAL229M	5645	TVS1007-4	5426	TVS1007-4	5426	U07L	558
TVSRD5R1JB3	5010A	TVSSB-2T	117A	TW40	116	TXAL1110C	5645	TVS1007-4	5426	TVS1007-4	5426	U07L	558
TVSRD5.1EB1	5010A	TVSSB-2T	117A	TW50	116	TXAL1110M	5645	TVS1007-4	5426	TVS1007-4	5426	U07M	558
TVSRD5.1EB2	5010A	TVSSD1A	116	TW60	116	TXAL2210B	5645	TVS1007-4	5426	TVS1007-4	5426	U07M	558
TVSRD5.1EC	135A	TVSSD1A	116	TW80	125	TXAL2210C	5645	TVS1007-4	5426	TVS1007-4	5426	U0513	156
TVSRD5.6EB1	5011A	TVSSD-1B	125	TW100	124	TXAL2210M	5645	TVS1007-4	5426	TVS1007-4	5426	U0A(Diode)	552
TVSRD5.6EN3	5011A	TVSSD-1B	125	TW135	106	TXAL2215B	56020	TVS1007-4	5426	TVS1007-4	5426	U1	552
TVSRD6A	134A	TVSSD-1B(Boost)	506	TWV	116	TXAL2215M	56019	TVS1007-4	5426	TVS1007-4	5426	U1(Diode)	552
TVSRD6R8EB	5014A	TVSSD-1B	116	TX1N645	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U1S102	116
TVSRD6.2EB	5013A	TVSSD-1B	116	TX1N645	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U1Z	552
TVSRD6.2EB1	5013A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2	552
TVSRD6.2EB1Z	5013A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2(Diode)	552
TVSRD6.2EB3	5013A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2A(Diode)	552
TVSRD6.2FBI	137A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N34	102A
TVSRD6.2FBI	137A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N34A	102A
TVSRD6.8MB2X	5014A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96	102
TVSRD7A	138A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD7.5EBMV	5015A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD8.2EB1	5016A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD8.2EB2	5016A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD9AL	139A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD10FC	140A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD11	140A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVS-RD11A	5074A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD11A	140A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD11EB1	5020A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD11EB3	5020A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD11EB3	5020A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD11EB3	5020A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD12EB	5021A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD12EB1	5021A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD12EBM	5021A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD12EB2	5021A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD13A	142A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD13AL	143A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD13D	142A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD13EB2	5022A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD13EL1	5021A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVS-RD13M	142A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD13P	142A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD15EB2	5024A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD15EB3	5024A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD15FM	5024A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD16EB2	5025A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD22EB1	5030A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD24EB1	5031A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD27E	5033A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD27EB	146A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD27EB4	5033A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD27EB4T	5033A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD27EB4Z	5033A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD27EB4.14	5033A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD27EB5	5033A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVS-RD29AN	147A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD36EB3	5037A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD36EB3V	5037A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD36EB3Z	5037A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRD47EB2	5088A	TVSSD-1B	116	TX1N647	116	TXC10H60	5608	TVS1007-4	5426	TVS1007-4	5426	U2N96A	102A
TVSRF1	552	TVSSD-1B	116	TX1N647	1								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
U6A909359X	9093	U6AN05459X	7454	U8B7737394	705A	U9AN00859X	7408	U9J7706354	OBS-NLA	U535A	229	uA8T28	6889
U6A909459X	9094	U6AN06059X	7460	U8F7737394	705A	U9AN00959X	7409	U9NA01159X	74154	U535B	229	uA8T28	6889
U6A909759X	9097	U6AN07059X	7470	U8F7746394	705A	U9AN01059X	7410	U9NA04159X	74181	U535B/7825B	229	uA8T28D	6889
U6A9099359X	9099	U6AN07259X	7472	U8F7746394	705A	U9AN01159X	7411	U9NN15059X	74150	U535C	107	uA8T28D	6889
U6A910959X	9109	U6AN07359X	7473	U8F7746394	705A	U9AN01259X	7412	U9NN19859X	74198	U535M	107	uA8T28DC	6889
U6A911059X	9110	U6AN07459X	7474	U8F7746394	705A	U9AN01359X	7413	U9NN19959X	74199	U551A	5710	uA8T28DC	6889
U6A911159X	9111	U6AN08059X	7480	U8F7746394	705A	U9AN01459X	7414	U9T7101392	975	U551B	5710	uA8T28P	6889
U6A911259X	9112	U6AN08559X	7485	U8F7746394	705A	U9AN01559X	7415	U9T7741392	976	U551C	5710	uA8T28P	6889
U6A913559X	9135	U6AN09059X	7490	U8F7746394	705A	U9AN01659X	7416	U9T7753354	736	U551D	5710	uA8T28PC	6889
U6A915759X	9157	U6AN09559X	7491	U8F7746394	705A	U9AN01759X	7417	U10	191	U551E	5710	uA8T28PC	6889
U6A915859X	9158	U6AN09659X	7492	U8F7746394	705A	U9AN01859X	7418	U15C	5804	U551F	5710	UA67	722
U6A93059X	7490	U6AN09759X	7493	U8F7746394	705A	U9AN01959X	7419	U19B	580	U552A	5711	uA78CBCK	934
U6A93059X	9330	U6AN09859X	7494	U8F7746394	705A	U9AN02059X	7420	U19C	580	U552B	5711	uA78GCAK	1926
U6A93159X	9331	U6AN09959X	7495	U8F7746394	705A	U9AN02159X	7421	U19E	580	U552C	5711	uA78GKC	1926
U6A93259X	9332	U6AN10059X	7496	U8F7746394	705A	U9AN02259X	7422	U19F	580	U552D	5711	uA78GU1C	953
U6A93359X	9333	U6AN10159X	7497	U8F7746394	705A	U9AN02359X	7423	U51	189	U552E	5711	uA78H05C	932
U6A93459X	9334	U6AN10259X	7498	U8F7746394	705A	U9AN02459X	7424	U119	125	U552F	5711	uA78H05C	932
U6A93559X	9335	U6AN10359X	7499	U8F7746394	705A	U9AN02559X	7425	U120	125	U553A	5712	uA78H05C	932
U6A93759X	9337	U6AN10459X	7500	U8F7746394	705A	U9AN02659X	7426	U148(SGD)	326	U553B	5712	uA78H12C	933
U6A94159X	9411	U6AN10559X	7501	U8F7746394	705A	U9AN02759X	7427	U168(SGD)	326	U553C	5712	uA78H12C	933
U6A94459X	9444	U6AN10659X	7502	U8F7746394	705A	U9AN02859X	7428	U181A	5710	U553D	5712	uA78H12C	933
U6A94559X	9445	U6AN10759X	7503	U8F7746394	705A	U9AN02959X	7429	U181B	5710	U553E	5712	uA78L	981
U6A94659X	9446	U6AN10859X	7504	U8F7746394	705A	U9AN03059X	7430	U181C	5710	U553F	5712	uA78L05	977
U6A94859X	9448	U6AN10959X	7505	U8F7746394	705A	U9AN03159X	7431	U181D	5710	U554A	6220	uA78L05AC	977
U6A94959X	9449	U6AN11059X	7506	U8F7746394	705A	U9AN03259X	7432	U181E	5710	U554B	6220	uA78L05AC	977
U6A95059X	9505	U6AN11159X	7507	U8F7746394	705A	U9AN03359X	7433	U181F	5710	U554C	6220	uA78L05AC	977
U6A95159X	9506	U6AN11259X	7508	U8F7746394	705A	U9AN03459X	7434	U181G	5710	U554D	6220	uA78L05AC	977
U6A95259X	9507	U6AN11359X	7509	U8F7746394	705A	U9AN03559X	7435	U181H	5710	U554E	6220	uA78L05AC	977
U6A95359X	9508	U6AN11459X	7510	U8F7746394	705A	U9AN03659X	7436	U181I	5710	U554F	6220	uA78L05AC	977
U6A95459X	9509	U6AN11559X	7511	U8F7746394	705A	U9AN03759X	7437	U181J	5710	U554G	6220	uA78L05AC	977
U6A95559X	9510	U6AN11659X	7512	U8F7746394	705A	U9AN03859X	7438	U181K	5710	U554H	6220	uA78L05AC	977
U6A95659X	9511	U6AN11759X	7513	U8F7746394	705A	U9AN03959X	7439	U181L	5710	U554I	6220	uA78L05AC	977
U6A95759X	9512	U6AN11859X	7514	U8F7746394	705A	U9AN04059X	7440	U181M	5710	U554J	6220	uA78L05AC	977
U6A95859X	9513	U6AN11959X	7515	U8F7746394	705A	U9AN04159X	7441	U181N	5710	U554K	6220	uA78L05AC	977
U6A95959X	9514	U6AN12059X	7516	U8F7746394	705A	U9AN04259X	7442	U181O	5710	U554L	6220	uA78L05AC	977
U6A96059X	9515	U6AN12159X	7517	U8F7746394	705A	U9AN04359X	7443	U181P	5710	U554M	6220	uA78L05AC	977
U6A96159X	9516	U6AN12259X	7518	U8F7746394	705A	U9AN04459X	7444	U181Q	5710	U554N	6220	uA78L05AC	977
U6A96259X	9517	U6AN12359X	7519	U8F7746394	705A	U9AN04559X	7445	U181R	5710	U554O	6220	uA78L05AC	977
U6A96359X	9518	U6AN12459X	7520	U8F7746394	705A	U9AN04659X	7446	U181S	5710	U554P	6220	uA78L05AC	977
U6A96459X	9519	U6AN12559X	7521	U8F7746394	705A	U9AN04759X	7447	U181T	5710	U554Q	6220	uA78L05AC	977
U6A96559X	9520	U6AN12659X	7522	U8F7746394	705A	U9AN04859X	7448	U181U	5710	U554R	6220	uA78L05AC	977
U6A96659X	9521	U6AN12759X	7523	U8F7746394	705A	U9AN04959X	7449	U181V	5710	U554S	6220	uA78L05AC	977
U6A96759X	9522	U6AN12859X	7524	U8F7746394	705A	U9AN05059X	7450	U181W	5710	U554T	6220	uA78L05AC	977
U6A96859X	9523	U6AN12959X	7525	U8F7746394	705A	U9AN05159X	7451	U181X	5710	U554U	6220	uA78L05AC	977
U6A96959X	9524	U6AN13059X	7526	U8F7746394	705A	U9AN05259X	7452	U181Y	5710	U554V	6220	uA78L05AC	977
U6A97059X	9525	U6AN13159X	7527	U8F7746394	705A	U9AN05359X	7453	U181Z	5710	U554W	6220	uA78L05AC	977
U6A97159X	9526	U6AN13259X	7528	U8F7746394	705A	U9AN05459X	7454	U181A	5710	U554X	6220	uA78L05AC	977
U6A97259X	9527	U6AN13359X	7529	U8F7746394	705A	U9AN05559X	7455	U181B	5710	U554Y	6220	uA78L05AC	977
U6A97359X	9528	U6AN13459X	7530	U8F7746394	705A	U9AN05659X	7456	U181C	5710	U554Z	6220	uA78L05AC	977
U6A97459X	9529	U6AN13559X	7531	U8F7746394	705A	U9AN05759X	7457	U181D	5710	U554A	6220	uA78L05AC	977
U6A97559X	9530	U6AN13659X	7532	U8F7746394	705A	U9AN05859X	7458	U181E	5710	U554B	6220	uA78L05AC	977
U6A97659X	9531	U6AN13759X	7533	U8F7746394	705A	U9AN05959X	7459	U181F	5710	U554C	6220	uA78L05AC	977
U6A97759X	9532	U6AN13859X	7534	U8F7746394	705A	U9AN06059X	7460	U181G	5710	U554D	6220	uA78L05AC	977
U6A97859X	9533	U6AN13959X	7535	U8F7746394	705A	U9AN06159X	7461	U181H	5710	U554E	6220	uA78L05AC	977
U6A97959X	9534	U6AN14059X	7536	U8F7746394	705A	U9AN06259X	7462	U181I	5710	U554F	6220	uA78L05AC	977
U6A98059X	9535	U6AN14159X	7537	U8F7746394	705A	U9AN06359X	7463	U181J	5710	U554G	6220	uA78L05AC	977
U6A98159X	9536	U6AN14259X	7538	U8F7746394	705A	U9AN06459X	7464	U181K	5710	U554H	6220	uA78L05AC	977
U6A98259X	9537	U6AN14359X	7539	U8F7746394	705A	U9AN06559X	7465	U181L	5710	U554I	6220	uA78L05AC	977
U6A98359X	9538	U6AN14459X	7540	U8F7746394	705A	U9AN06659X	7466	U181M	5710	U554J	6220	uA78L05AC	977
U6A98459X	9539	U6AN14559X	7541	U8F7746394	705A	U9AN06759X	7467	U181N	5710	U554K	6220	uA78L05AC	977
U6A98559X	9540	U6AN14659X	7542	U8F7746394	705A	U9AN06859X	7468	U181O	5710	U554L	6220	uA78L05AC	977
U6A98659X	9541	U6AN14759X	7543	U8F7746394	705A	U9AN06959X	7469	U181P	5710	U554M	6220	uA78L05AC	977
U6A98759X	9542	U6AN14859X	7544	U8F7746394	705A	U9AN07059X	7470	U181Q	5710	U554N	6220	uA78L05AC	977
U6A98859X	9543	U6AN14959X	7545	U8F7746394	705A	U9AN07159X	7471	U181R	5710	U554O	6220	uA78L05AC	977
U6A98959X	9544	U6AN15059X	7546	U8F7746394	705A	U9AN07259X	7472	U181S	5710	U554P	6220	uA78L05AC	977
U6A99059X	9545	U6AN15159X	7547	U8F7746394	705A	U9AN07359X	7473	U181T	5710	U554Q	6220	uA78L05AC	977
U6A99159X	9546	U6AN15259X	7548	U8F7746394	705A	U9AN07459X	7474	U181U	5710	U554R	6220	uA78L05AC	977
U6A99259X	9547	U6AN15359X	7549	U8F7746394	705A	U9AN07559X	7475	U181V	5710	U554S	6220	uA78L05AC	977
U6A99359X	9548	U6AN15459X	7550	U8F7746394	705A	U9AN07659X	7476	U181W	5710	U554T	6220	uA78L05AC	977
U6A99459X	9549	U6AN15559X	7551	U8F7746394	705A	U9AN07759X	7477	U181X	5710	U554U	6220	uA78L05AC	977
U6A99559X	9550	U6AN15659X	7552	U8F7746394	705A	U9AN07859X	7478	U181Y	5710	U554V	6220	uA78L05AC	977
U6A99659X	9551	U6AN15759X	7553	U8F7746394	705A	U9AN07959X	7479	U181Z	5710	U554W	6220	uA78L05AC	977
U6A99759X	9552	U6AN15859X	7554	U8F7746394	705A	U9AN08059X	7480	U181A	5710	U554X	6220	uA78L05AC	977
U6A99859X	9553	U6AN15959X	7555	U8F7746394	705A	U9AN08159X	7481	U181B	5710	U554Y	6220	uA78L05AC	977
U6A99959X	9554	U6AN16059X	7556	U8F7746394	705A	U9AN08259X	7482	U181C	5710	U554Z	6220	uA78L05AC	977
U6A99959X	9555	U6AN16159X	7557	U8F7746394	705A	U9AN08359X	7483	U181D	5710	U554A	6220	uA78L05AC	977
U6A99959X	9556	U6AN16259X	7558	U8F7746394	705A	U9AN08459X	7484	U181E	5710	U554B			

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
uA301AH	1171	UA741CJG	941M	UA3019H	904	UA7918CKC	959	UDN6144AC	2025	UHD151885-1	116	ULN2136A	737S
uA301AHC	1171	UA741CN	941D	UA3019HC	905	UA7918CKG	959	UDN6144AD	2025	UHC-001	1201	ULN2136B	737S
uA301AT	975	UA741CP	941M	UA3026HC	906	UA7918CKG	959	UDN6144AP	2025	UHC001	1201	ULN2137A	744
uA301ATC	975	UA741CP-00	941M	UA3039HC	907	UA7918UC	959	UDN6164	2025	UHC-003	1202	ULN2137N	744
uA307T	976	UA741CT	941	UA3045DC	912	UA7918UC	959	UDN6164A	2026	UHC003	1202		
uA307TC	976	UA741CV	941M	UA3045PC	912	UA7924C-KA	1925	UDN6164AP	2026	UHC-004	1203	ULN2165	712
UA308AHC	938	UA741CN	941	UA3046DC	912	UA7924CKA	1925	UDN6164C	2026	UHC004	1203	ULN2165A	712
UA308AHC	938	UA741CT	941M	UA3046PC	912	UA7924CKC	971	UDN-G118A	2021	UHC-004E	1203	ULN2165A	712
UA308HC	938	UA742	979S	UA3054DC	917	UA7924U	971	UDN-G128A	2022	UHC005	1204	ULN2165N	712
UA308HC	938	UA742PC	979S	UA3054DC	917	UA7924UC	971	UDZ707	5121A	UHC-005	1204	ULN-2204A	1624
UA308TC	938M	UA746	707	UA3064	780	UA75450APC	75450B	UDZ708	5122A	UHC005A	1204	ULN2208M	805
UA308TC	938M	UA746 (Metal Can)	707	UA3064HC	780	UA75450BPC	75450B	UDZ709	5124A	UHC-006	1247	ULN2209M	736
UA309KC	309K	UA746 (D.I.P.)	790	UA3064PC	783	UA75451ATC	75451B	UDZ710	5125A	UHC006	1247	ULN2210A	801
UA310HC	924	UA746C	790	UA3065	712	UA75451BTC	75451B	UDZ712	5127A	UHC007	1262	ULN2210N	801
UA311HC	922	UA746E	705A	UA3065P	712	UA75452ATC	75452B	UDZ715	5130A	UHC-007	1262	ULN2211B	742
UA311HC	922	UA746PC	790	UA3065PC	728	UA75452BTC	75452B	UDZ718	5133A	UHC-055	1204	ULN2211P	742
UA311TC	922M	UA747 (Metal Can)	947	UA3066	728	UA75453ATC	75453B	UDZ720	5135A	UJ-25	6409	ULN2212A	807
UA311TC	922M	UA747CA	947D	UA3066PC	728	UA75453BTC	75453B	UDZ724	5137A	UJ10005P	256	ULN2212B	807
UA317UC	956	UA747CF	947D	UA3067	723	UA75454ATC	75454B	UDZ727	5139A	UJA1050G	159	ULN2212P	807
UA318HC	918	UA747CJ	947D	UA3075	729	UA75454BTC	75454B	UDZ730	5141A	UJE4340	2305	ULN2224	739
UA324DC	987	UA747CK	947	UA3075PC	723	UA4A0000	1755	UDZ733	5142A	UJE4341	2305	ULN2224A	739
UA324DC	987	UA747CL	947	UA3086DC	912	UA4A009	1756	UDZ736	5143A	UJE4342	2305	ULN2224N	739
UA339ADC	834	UA747CN	947D	UA3086PC	912	UA7C677PC	722	UDZ760	5149A	UJE4343	2305	ULN2225B	743
UA348DC	948	UA747DC	947D	UA3089E	788	UAF355AHC	937	UDZ707	5121A	UJE4350	2306	ULN2225P	739
UA348DC	948	UA747K	947	UA3301P	992	UAF355AHC	937	UDZ708	5122A	UJE4351	2306	ULN2226A	739
UA393	943M	UA747PC	947D	UA3303PC	987	UAF355HC	937	UDZ709	5124A	UJE4352	2306	ULN2226N	739
UA555	955M	UA748HC	1171	UA3303PC	987	UAF355HC	937	UDZ710	5125A	UJE4353	2306	ULN2228A	790
UA555TC	955M	UA748TC	975	UA3401PC	992	UAF356AHC	937	UDZ712	5127A	UJ12007	2303	ULN2228N	790
UA556PC	978	UA748V	975	UA3403DC	987	UAF356AHC	937	UDZ715	5130A	UJH12004	2301	ULN2229A	821
UA703	703	UA749C (Metal Can)	949	UA3403DC	987	UAF356HC	937	UDZ718	5133A	UJ12005	2300	ULN2231A	983
UA703C	703	UA753	736	UA3403PC	987	UAF356HC	937	UDZ720	5135A	UL913	9914	ULN2243A	1578
UA703E	703	UA753	736	UA3403PC	987	UAF357AHC	937	UDZ724	5137A	LN2243	708	ULN-2243A	1578
UA703HC	703	UA758	743	UA4136	997	UAF357AHC	937	UDZ707	138A	UJC3037	2011	ULN2244	743
UA705	804	UA758BA	743	UA4136	997	UAF357HC	937	UDZ708	5072A	ULN-2001A	2011	ULN2244N	743
UA706	OBS-NLA	UA758PC	743	UA4136PC	997	UAF357HC	937	UDZ709	139A	ULN2001AJ	2011	ULN2244N	743
UA706APC	OBS-NLA	UA764PC	790	UA4188DC	75188	UA8082BPC	2056	UDZ8710	140A	ULN2001AN	2011	ULN2261A	818
UA706BPC	OBS-NLA	UA767	722	UA4558T	778A	UA8082BPC	2056	UDZ8712	142A	ULN-2002A	2012	ULN2262A	797
UA709A	909D	UA767	722	UA4558TC	778A	UA8082CPC	2056	UDZ8715	145A	ULN2002AJ	2012	ULN2262N	797
UA709C (Metal Can)	909	UA767P	722	UA7300	2002	UA8082CPC	2056	UDZ8718	5077A	ULN2026AN	2012	ULN2264A	783
UA709C (D.I.P.)	909D	UA767PC	722	UA7300PC	2002	UB-151	5304	UDZ8720	5079A	ULN2003	2013	ULN2264N	783
UA709CA	909D	UA771	857M	UA7508A	960	UB-152	5304	UDZ8724	5081A	ULN2003A	2013	ULN2265A	845
UA709CJ	909D	UA771A	857M	UA7805C	960	UB-154	5304	UDZ8727	146A	ULN-2003A	2013	ULN2266A	728
UA709CL	909	UA771AHC	857M	UA7805CDA	309K	UBB770339X	703	UEN16DT	6244	ULN2003AJ	2013	ULN2267A	728
UA709CN	909D	UA771ATC	857M	UA7805CDA	309K	UBB770339X	703	UES1101	588	ULN-2004A	2014	ULN2268A	982
UA709CT	909	UA771B	857M	UA7805CKC	960	UBFY11	108	UES1102	588	ULN-2004A	2014	ULN2268A	982
UA709DC	909D	UA771BRC	857M	UA7805CU	960	UB78054CT	6090	UES1103	588	ULN2004AJ	2014	ULN2269A	791
UA709HC	909	UA771BTC	857M	UA7805KC	931	UC20	312	UES1304	588	ULN2004AN	2014	ULN2269N	791
UA709HM	909	UA771T	857M	UA7805KC	309K	UC100	312	UES2401	6240	ULN-2005A	2015	ULN2274F	804
UA709PC	909D	UA771LRC	857M	UA7805UC	960	UC105	312	UES2402	6240	ULN-2012A	2012	ULN2275F	804
UA709T	909	UA771LTC	857M	UA7806CKC	960	UC110	312	UES2403	6240	ULN-2012A	2012	ULN2275F	804
UA710A	910D	UA771RC	857M	UA7806UC	962	UC115	312	UF-01	506	ULN-2013A	2013	ULN2275Q	804
UA710C (D.I.P.)	910D	UA771TC	857M	UA7808C	964	UC120	312	UF01	116	ULN-2014A	2014	ULN2276F	804
UA710C (Metal Can)	910	UA772	858M	UA7808CKC	964	UC125	312	UF-1	552	ULN-2015A	2015	ULN2276Q	804
UA710CA	910D	UA772A	858M	UA7808CU	964	UC150	452	UF-1A	552	ULN-2046A	912	ULN2277P	804
UA710CJ	910D	UA772ARC	858M	UA7808UC	964	UC150W	452	UF-1A	552	ULN2064B	2085	ULN2277Q	804
UA710CL	910	UA772ATC	858M	UA7812BC-KA	1914	UC155	312	UF1A	552	ULN2064NE	2085	ULN2278B	804
UA710CN	910D	UA772B	858M	UA7812C (TO-220)	966	UC201	312	UF-1B	558	ULN2065B	2085	ULN2278P	804
UA710CT	910	UA772BRC	858M	UA7812C (TO-3)	1914	UC210	312	UF-1C	558	ULN2065C	2085	ULN2278Q	804
UA710DC	910D	UA772BTC	858M	UA7812CKA	1914	UC217K	910	UF-1V	552	ULN2065N	2085	ULN2280A	740A
UA710HC	910	UA772RC	858M	UA7812C-KA	1914	UC217T	956	UF-2	552	ULN2065NE	2085	ULN2280B	740A
UA710PC	910D	UA772TC	858M	UA7812CKC	1914	UC220	312	UF2	552	ULN2066B	2086	ULN2280N	740A
UA710T	910	UA774	859	UA7812KC	1914	UC237K	1911	UF-2B	552	ULN2066E	2086	ULN-2281B	862
UA711A	911	UA774L	859	UA7812UC	966	UC237T	957	UF3	558	ULN-2067B	2086	ULN2281B	862
UA711C (D.I.P.)	911D	UA774LDC	859	UA7815C	1916	UC317T	956	UF4001	587	ULN2067C	2086	ULN2289A	788
UA711C (Metal Can)	911	UA774LPC	859	UA7815CKA	1916	UC317T	956	UF4001	587	ULN2067NE	2086	ULN2289N	788
UA711CA	911D	UA780	714	UA7815C-KA	1916	UC317UC	956	UF4002	587	ULN2068B	2087	ULN2290B	1231A
UA711CJ	911D	UA780C	714	UA7815CKC	1916	UC337K	911	UF4003	587	ULN2068E	2087	ULN2290Q	1231
UA711CK	911	UA780DC	714	UA7815CU	960	UC337T	911	UF4004	587	ULN2069B	2087	ULN-2291M	815
UA711CL	911	UA780PC	714	UA7815CKC	1916	UC350K	970	UFN221	2386	ULN2069DC	2087	ULN2294M	836
UA711CN	911D	UA781	715	UA7815UC	968	UC547C	123A	UFN222	2386	ULN2069NE	2087	ULN2296A	738
UA711CT	911	UA781C	715	UA7818C-KA	1920	UC588	312	UFN223	2386	ULN2070B	2088	ULN2298N	738
UA711DC	911D	UA781DC	715	UA7818CKA	1920	UC701	312	UFN220	2386	ULN2070C	2088	ULN2741D	941
UA711HC	911	UA781PC	715	UA7818CKC	1920	UC703	312	UFN221	2386	ULN2071DC	2088	ULN2747A	947D
UA711K	911	UA787	797	UA7818CKG	958	UC704	456	UFN322	2386	ULN-2081	916	ULN-2801A	2016
UA711PC	911D	UA787	797	UA7818CKG	958	UC705	456	UFN323	2386	ULN-2801A	916	ULN-2802A	2017
UA715 (Metal Can)	915	UA787PC	797	UA7818CKG	958	UC707	466	UFN330	2386	ULN2081A	916	ULN-2803A	2018
UA716	716	UA796DC	973D	UA7818CKC	1920	UC714	312	UFN330	2386	ULN-2082A	2023	ULN-2804A	2019
UA720	744	UA796HC	973	UA7818UC	958	UC734E	312	UFN511	2382	ULN2083A	929	ULN-2805A	2020
UA720DC	744	UA796PC	973D	UA7824C	972	UC750	312	UFN512-2	2382	ULN-2086A	912	ULN-2811A	2016
UA720PC	744	UA798HM	877	UA7824C-KA	1924	UC750	312	UFN513	2382	ULN2110A	801	ULN-2812A	2017
UA723C (Metal Can)	923	UA798HM	877	UA7824CKA	1924	UC751	312	UFN520	2382	ULN2111	708	ULN-2813A	2018
UA723C (D.I.P.)	923D	UA915	5130A	UA7824CKC	1924	UC752	312	UFN521	2382	ULN2111A	708	ULN-2814A	2019
UA723CA	923D	UA1312PC	799	UA7824C	972	UC753	312	UFN522	2382	ULN2111n	708	ULN-2815A	2020
UA723CJ	923D	UA1312PC	799	UA7824UC	972	UC756	312	UFN523	2382	ULN2113	709	ULN3127N	744
UA723CL	923	UA1314PC	802	UA7905C	961	UC767PC	772A	UFN532	66	ULN2113A	709	ULN3262A	797
UA723CN	923D	UA1315PC	803	UA7905CKA	1								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
UN1212(BCE)	2357	UPB74LS366A	74LS279	UPB7402C	7402	UPC78M8H	964	UPC574J(AG)	615A	UPC1213C	1516	UPC14305H	960
UN1213(BCE)	2359	UPB74LS366AC	74LS366A	UPB7404C	7404	UPC78M12	966	UPC574JA	615A	UPC1213JE	1516	UPC14308	964
UN2111	2415	UPB74LS366AD	74LS366A	UPB7405C	7405	UPC78M12H	966	UPC574JC	615A	UPC1216	1518	UPC14308H	964
UN2112	2417	UPB74LS367	74LS367	UPB7410C	7410	UPC78M12H2	966	UPC574J-G	615A	UPC1216C	1518	UPC14312	966
UN2113	2419	UPB74LS368	74LS368	UPB7413C	7413	UPC78M15	968	UPC574J-KL	615A	UPC1216V	1518	UPC14312H	966
UN2211	2414	UPB74LS368C	74LS368	UPB7420C	7420	UPC78M15H	968	UPC574JV	615A	UPC1216V2	1518	UPC14315	968
UN2212	2416	UPB120D	9669	UPB7430C	7430	UPC78M18	958	UPC574JW	615A	UPC1230	1389	UPC14315H	968
UN2213	2418	UPB121D	9669	UPB7437C	7437	UPC78M18H	958	UPC574JW	615A	UPC1230H	1389	UPD74LS368D	74LS368
UN4066B	4066B	UPB123D	9661	UPB7438C	7438	UPC78M24	972	UPC574K	615A	UPC1230JW	1389	UPD405C-E	74LS475
UN4111	2356	UPB124D	9678	UPB7440C	7440	UPC78M24H	972	UPC574K021	615A	UPC1238	1378	UPD411	2107
UN4112	2358	UPB125D	9662	UPB7442C	7442	UPC81C	1075A	UPC575	1140*	UPC1238V	1378	UPD411-1	2107
UN4113	2360	UPB201C	7400	UPB7445C	7445	UPC141C	1930	UPC575C	1141*	UPC1238V	1378	UPD411-2	2107
UN4211	2355	UPB201D	7400	UPB7447C	7447	UPC143-05	960	UPC575C2	1140	UPC1251C	928M	UPD411A	2107
UN4212	2357	UPB202C	7410	UPB7450C	7450	UPC143C08	964	UPC575C2	1141	UPC1251G	928SM	UPD411A-1	2107
UN4213	2359	UPB202D	7410	UPB7451C	7451	UPC151A	941	UPC576H	1185	UPC1251G	928SM	UPD411A-2	2107
UO5-B	5801	UPB203C	7420	UPB7453C	7453	UPC151C	941M	UPC577	1082	UPC1277H	1626	UPD411AC	2107
UO5B	5802	UPB203D	7420	UPB7454C	7454	UPC151G	941SM	UPC577A	1082	UPC1350	1530	UPD411AC-1	2107
UO5C	5801	UPB204C	7430	UPB7460C	7460	UPC151G	941SM	UPC577H	1082	UPC1350C	1530	UPD411AC-2	2107
UO5E	56	UPB204D	7430	UPB7473C	7473	UPC154	925	UPC577H	1082	UPC1350JC	1530	UPD411C	2107
UO5F	5808	UPB205C	7440	UPB7474C	7474	UPC154A	925	UPC577H	1082	UPC1352	1416	UPD411C-1	2107
UO5G	5808	UPB205D	7440	UPB7476C	7476	UPC157A	1171	UPC577H	1082	UPC1352C	1416	UPD411C-2	2107
UO5G(Flyback)	558	UPB206C	7450	UPB7480C	7480	UPC157C	975	UPC580	1196	UPC1352JC	1416	UPD411D	2107
UO5H	5809	UPB206D	7450	UPB7485C	7485	UPC177C	934	UPC580C	1196	UPC1352S	1416	UPD411D-1	2107
UO6C	580	UPB207C	7451	UPB7486C	7486	UPC177G	934SM	UPC580C	1196	UPC1353C	1246	UPD411D-2	2107
UO6G	580	UPB207D	7451	UPB7491C	7491	UPC177G	934SM	UPC587C2	1226	UPC1355C	749	UPD414	2104
UO513	156	UPB208D	7453	UPB8212	8212	UPC206	1075A	UPC592A2	1195	UPC1356C	1483	UPD414	2104
UP2C	109	UPB209D	7454	UPB8212	8212	UPC251A	947	UPC592H2	1195	UPC1356C2	1483	UPD414-1	2104
UP2217	186	UPB210C	7460	UPB8212C	8212	UPC251C	778A	UPC592H2	1195	UPC1358	1420	UPD414-1	2104
UP2218	186	UPB211C	7472	UPB8212C	8212	UPC251G	778SM	UPC595C	1186	UPC1358C	1420	UPD414-2	2104
UP14046	186	UPB211C	7472	UPB8214	8214	UPC251G	778SM	UPC595C	1186	UPC1358H	1420	UPD414-2	2104
UP14047	186	UPB211D	7470	UPB8214C	8214	UPC255A	909	UPC596	1187	UPC1358H2	1420	UPD414C	2104
UPA15A(EB)	81	UPB212C	7473	UPB8216	8216	UPC258C	778A	UPC596C	1187	UPC1358JE	1420	UPD414C	2104
UPA15A(EB)	81	UPB212D	7473	UPB8216C	8216	UPC258C	778SM	UPC596C2	1187	UPC1360	1520	UPD414C-1	2104
UPA33A	463	UPB213C	7474	UPB8216C	8216	UPC258G	778SM	UPC741C	941M	UPC1360C	1520	UPD414C-2	2104
UPA37A(EB)	81	UPB214C	7474	UPB8216C	8216	UPC271C	922M	UPC741C	941D	UPC1360JE	1520	UPD414C-2	2104
UPA37A(EB)	81	UPB214D	7474	UPB8224	8224	UPC271G	922SM	UPC741G	941SM	UPC1363	1409	UPD414C-2	2104
UPA41C	82	UPB215D	7401	UPB8224C	8224	UPC271G	922SM	UPC741G	941SM	UPC1363C	1409	UPD414C	2104
UPA53C	2084	UPB216C	74H11	UPB8224C	8224	UPC277C	943M	UPC741G	941SM	UPC1363A	1409	UPD414E	2104
UPA64H	1680	UPB216D	74H11	UPB8228	8228	UPC277G	943SM	UPC861C	11254	UPC1363C	1409	UPD414E	2104
UPA64H	1680	UPB217C	7475	UPB8228	8228	UPC277G	943SM	UPC942H2	1195	UPC1366C	1522	UPD414P	2104
UPA64H	1680	UPB217D	7475	UPB8228C	8228	UPC301AC	975	UPC1001H	1127	UPC1366JW	1522	UPD414P	2104
UPA79C	2090	UPB218C	7441	UPB8228C	8228	UPC301H2	1127	UPC1001H2	1127	UPC1367C	1552	UPD414P-1	2104
UPA81C	2079	UPB218D	7441	UPB8228J	8228	UPC305B-C	1930	UPC1001H2	1127	UPC1367JE	1552	UPD414P-2	2104
UPB2S00D	74S00	UPB219C	7490	UPB74107C	74107	UPC305C	1930	UPC1008C	1172	UPC1367JE	1552	UPD414P-2	2104
UPB2S10D	74S10	UPB219D	7490	UPB74123C	74123	UPC311C	922M	UPC1018	1563	UPC1368	1426	UPD414P-2	2104
UPB2S20D	74S20	UPB222C	7492	UPB7411D	7411D	UPC311G	922SM	UPC1018C	1563	UPC1368C	1426	UPD414PE	2104
UPB2S112D	74S112	UPB222D	7492	UPB74150C	74150	UPC311G	922SM	UPC1018C	1563	UPC1368H	1426	UPD414PE	2104
UPB74H00C	74H00	UPB223C	7493A	UPB74151C	74151	UPC324C	987	UPC1018F	1563	UPC1368H2	1426	UPD414PE	2104
UPB74H01C	74H01	UPB223D	7493A	UPB74153C	74153	UPC324G	987SM	UPC1018F	1563	UPC1368JE	1426	UPD416	2117
UPB74H04C	74H04	UPB224C	7476	UPB74154C	74154	UPC324G	987SM	UPC1018J	1563	UPC1372	1416	UPD416-1	2117
UPB74H10C	74H10	UPB224D	7476	UPB74155C	74155	UPC324G	987SM	UPC1018J	1563	UPC1372C	1416	UPD416-2	2117
UPB74H20C	74H20	UPB225C	7473	UPB74156C	74156	UPC339C	934	UPC1020H	1160	UPC1372E	1416	UPD416-2	2117
UPB74H30C	74H30	UPB225D	7473	UPB74161C	74161	UPC339G	934SM	UPC1020H	1160	UPC1372JE	1416	UPD416-2	2117
UPB74H40C	74H40	UPB226C	7495	UPB74164C	74164	UPC339G	934SM	UPC1025H	1081A	UPC1373HA	1714S	UPD416C	2117
UPB74H51C	74H51	UPB226D	7495	UPB74170D	74170	UPC358C	928M	UPC1026C	1226	UPC1377	1664	UPD416C	2117
UPB74L00	74L00	UPB227D	7442	UPB74175C	74175	UPC358C	928M	UPC1026C	1226	UPC1377	1664	UPD416C-1	2117
UPB74L02	74L02	UPB228D	7483	UPB74180C	74180	UPC358G	928SM	UPC1026H	1234	UPC1377JC	1664	UPD416C-1	2117
UPB74L03	74L03	UPB232C	7402	UPB74181D	74181	UPC358G	928SM	UPC1030H	1194	UPC1377JC	1664	UPD416C-2	2117
UPB74L04	74L04	UPB232D	7402	UPB74182C	74182	UPC393C	943M	UPC1031H	1245	UPC1378H	1676	UPD416C-2	2117
UPB74L05	74L05	UPB233C	74H21	UPB74192C	74192	UPC393C	943M	UPC1031H2	1245	UPC1378H-L	1676	UPD416D	2117
UPB74L08	74L08	UPB233D	74H21	UPB74193C	74193	UPC393G	943SM	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L10	74L10	UPB234C	7408	UPB74195C	74195	UPC393G	943SM	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L11	74L11	UPB234D	7408	UPB74198C	74198	UPC451C	987	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L20	74L20	UPB235D	7404	UPB74198D	74198	UPC451G	987SM	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L21	74L21	UPB236D	7405	UPC16	1045	UPC451G	987SM	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L21C	74L21C	UPB237D	7437	UPC16A	1045	UPC494C	1729	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L21D	74L21D	UPB238D	7438	UPC17C	1047	UPC494C	1729	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L27	74L27	UPB405	74S475	UPC17C/D368	1047	UPC544C	1006	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L30	74L30	UPB405C	74S475	UPC20C	1075A	UPC554	1142	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L32	74L32	UPB405D	74S475	UPC20C1	1075A	UPC554	1142	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L33	74L33	UPB405E	74S475	UPC20C2	1075A	UPC554C	1142	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L37	74L37	UPB405F	74S475	UPC22C	1078S	UPC554C	1142	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L37D	74L37D	UPB406	74S572	UPC23C	1046	UPC555	703	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L38	74L38	UPB406C	74S572	UPC23C	1046	UPC555A	703	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L40	74L40	UPB406C-E	74S572	UPC23C	1046	UPC555A	703	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L40C	74L40C	UPB406D	74S572	UPC27C	1124	UPC555A	703	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L40D	74L40D	UPB406D-E	74S572	UPC27C	1124	UPC555A	703	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L42	74L42	UPB406E	74S572	UPC29C	1089*	UPC555C	703	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L51	74L51	UPB408	74S479	UPC29C-2	1089*	UPC555H	1092	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L513	74L513	UPB408C	74S479	UPC29C-2	1089*	UPC555H	1092	UPC1031H	1170	UPC1378H-L	1676	UPD416D	2117
UPB74L513	74L513	UPB408D	74S479	UPC29C-2	1089*	UPC555H							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
UPD2147D	2147	UPD4066C	4066B	UPH1303	102	US74H04A	74H04	US7473J	7473	UT2010	5801	UZ214	5160A
UPD2147D-2	2147	UPD4068	4068B	UPH1305	102	US74H04J	74H04	US7474A	7474	UT2020	5802	UZ215	5161A
UPD2147D-3	2147	UPD4068B	4068B	UPH1307	102	US74H05A	74H05	US7474J	7474	UT2040	5804	UZ216	5162A
UPD2147D-3	2147	UPD4068B	4068B	UPH1309	102	US74H05J	74H05	US7475A	7475	UT2080	5808	UZ218	5163A
UPD2147D-3	2147	UPD4068C	4068B	UPH1345	100	US74H08A	74H08	US7475J	7475	UT2080	5808	UZ218	5164A
UPD2176	2716	UPD4069	4069	UPH1347	100	US74H08J	74H08	US7476A	7476	UT3005	5800	UZ219	5165A
UPD2176D	2716	UPD4069B	4069	UPH1352	102A	US74H10A	74H10	US7480A	7480	UT3010	5801	UZ220	5166A
UPD2173D	2732	UPD4069C	4069	UPH1353	102A	US74H10J	74H10	US7482A	7482	UT3020	5802	UZ221	5167A
UPD2173A	2732	UPD4069UB	4069	UPH1613	128	US74H11A	74H11	US7483A	7483	UT3040	5804	UZ231	5157A
UPD2173A-4	2732	UPD4069UBC	4069	UPH1711	128	US74H11J	74H11	US7486A	7486	UT3060	5806	UZ312	5158A
UPD2173AD	2732	UPD4071	4071B	UPI2217	128	US74H20A	74H20	US7486J	7486	UT3080	5808	UZ313	5159A
UPD2173AD-4	2732	UPD4071BC	4071B	UPI2218	128	US74H20J	74H20	US7490A	7490	UT3080	5808	UZ314	5160A
UPD2173D	2732	UPD4071C	4071B	UPI2222	123A	US74H21A	74H21	US7490J	7490	UT3080	5808	UZ315	5161A
UPD2173D-4	2732	UPD4073	4073B	UPI2222B	123A	US74H21J	74H21	US7492A	7492	UT3080	5808	UZ316	5162A
UPD2176A	2764	UPD4075	4075B	UPI2222P	123AP	US74H22A	74H22	US7492J	7492	UT3080	5808	UZ317	5163A
UPD2176AD	2764	UPD4078	4078B	UPI4046	123A	US74H22J	74H22	US7493A	7493A	UZ-2.4A	5000A	UZ318	5164A
UPD2181C	1253	UPD4078B	4078B	UPI4046-46	123A	US74H30A	74H30	US7493J	7493A	UZ-2.4B	5000A	UZ319	5165A
UPD2181C	1253	UPD4078BC	4078B	UPI4047	123A	US74H30J	74H30	US74107A	74107	UZ-2.4C	5000A	UZ320	5166A
UPD2181C	1253	UPD4078C	4078B	UPI4047-46	123A	US74H40A	74H40	US74107A	74107	UZ-2.4D	5000A	UZ321	5167A
UPD2181C	1253	UPD4081	4081B	UPQ918	2321	US74H40J	74H40	US74121J	74121	UZ-2.7A	5002A	UZ322	5168A
UPD2181C	1253	UPD4081C	4081B	UPQ2369	2321	US74H50A	74H50	US74145A	74145	UZ-2.7B	5002A	UZ323	5169A
UPD2181C	1253	UPD4089	4089B	UPQ3798	2322	US74H50J	74H50	US74153A	74153	UZ-3.0	5004A	UZ324	5170A
UPD2181C	1253	UPD4089B	4089B	UPQ3799	2322	US74H51A	74H51	US74153A	74153	UZ-3.0A	5004A	UZ325	5171A
UPD2181C	1253	UPD4089BC	4089B	UPQ3904	2321	US74H51J	74H51	US74180A	74180	UZ-3.0B	5004A	UZ326	5172A
UPD4001	4001B	UPD4089C	4089B	UPQ3906	2322	US74H52A	74H52	US74180J	74180	UZ-3.3A	5005A	UZ327	5173A
UPD4001BC	4001B	UPD4160BC	40160B	UPQ7041	2323	US74H52J	74H52	USD620C	6085	UZ-3.3B	5005A	UZ328	5174A
UPD4001C	4001B	UPD4164	2164	UPQ7042	2323	US74H53A	74H53	USD635C	6085	UZ-3.3C	5005A	UZ329	5175A
UPD4002	4002B	UPD4164-1	2164	UPQ7043	2323	US74H53J	74H53	USD640C	6085	UZ-3.3D	5005A	UZ330	5176A
UPD4002BC	4002B	UPD4164-2	2164	UPQ7043	2323	US74H54A	74H54	USD645C	6087	UZ-3.3E	5005A	UZ331	5177A
UPD4002C	4002B	UPD4164-3	2164	UPQ7043	2323	US74H54J	74H54	USD720C	6087	UZ-3.3F	5005A	UZ332	5178A
UPD4006	4006B	UPD4164C	2164	UPQ7043	2323	US74H55A	74H55	USD735C	6087	UZ-3.3G	5005A	UZ333	5179A
UPD4011	4011B	UPD4164C-1	2164	UPQ7043	2323	US74H55J	74H55	USD740C	6087	UZ-3.3H	5005A	UZ334	5180A
UPD4011B	4011B	UPD4164C-2	2164	UPQ7043	2323	US74H56A	74H56	USD745C	6087	UZ-3.3I	5005A	UZ335	5181A
UPD4011BC	4011B	UPD4164C-3	2164	UPQ7043	2323	US74H56J	74H56	USD7703394	703	UZ-3.3J	5005A	UZ336	5182A
UPD4011BCM	4011B	UPD4503BC	40097B	UPQ7043	2323	US74H61A	74H61	USFD-1	116	UZ-3.3K	5005A	UZ337	5183A
UPD4011BP	4011B	UPD4510	4510B	UPQ7043	2323	US74H61J	74H61	USFD-1A	116	UZ-3.3L	5005A	UZ338	5184A
UPD4011C	4011B	UPD4511	4511B	UPQ7043	2323	US74H62A	74H62	USFD-1A	116	UZ-3.3M	5005A	UZ339	5185A
UPD4012	4012B	UPD4511C	4511B	UPQ7043	2323	US74H62J	74H62	USFD-1A	116	UZ-3.3N	5005A	UZ340	5186A
UPD4012BC	4012B	UPD4512	4512B	UPQ7043	2323	US74H63A	74H63	USFD-1A	116	UZ-3.3O	5005A	UZ341	5187A
UPD4012C	4012B	UPD4512C	4512B	UPQ7043	2323	US74H63J	74H63	USFD-1A	116	UZ-3.3P	5005A	UZ342	5188A
UPD4013	4013B	UPD4514	4514B	UPQ7043	2323	US74H64A	74H64	USFD-1A	116	UZ-3.3Q	5005A	UZ343	5189A
UPD4013B	4013B	UPD4514BC	4514B	UPQ7043	2323	US74H64J	74H64	USFD-1A	116	UZ-3.3R	5005A	UZ344	5190A
UPD4013C	4013B	UPD4514C	4514B	UPQ7043	2323	US74H65A	74H65	USFD-1A	116	UZ-3.3S	5005A	UZ345	5191A
UPD4013C	4013B	UPD4515	4515B	UPQ7043	2323	US74H65J	74H65	USFD-1A	116	UZ-3.3T	5005A	UZ346	5192A
UPD4014	4014B	UPD4515C	4515B	UPQ7043	2323	US74H66A	74H66	USFD-1A	116	UZ-3.3U	5005A	UZ347	5193A
UPD4014C	4014B	UPD4516	4516B	UPQ7043	2323	US74H66J	74H66	USFD-1A	116	UZ-3.3V	5005A	UZ348	5194A
UPD4015	4015B	UPD4518	4518B	UPQ7043	2323	US74H67A	74H67	USFD-1A	116	UZ-3.3W	5005A	UZ349	5195A
UPD4015C	4015B	UPD4518C	4518B	UPQ7043	2323	US74H67J	74H67	USFD-1A	116	UZ-3.3X	5005A	UZ350	5196A
UPD4016	4016B	UPD4520	4520B	UPQ7043	2323	US74H68A	74H68	USFD-1A	116	UZ-3.3Y	5005A	UZ351	5197A
UPD4016-2	2128	UPD4520C	4520B	UPQ7043	2323	US74H68J	74H68	USFD-1A	116	UZ-3.3Z	5005A	UZ352	5198A
UPD4016-3	2128	UPD4522	4522B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3A	5005A	UZ353	5199A
UPD4016C	2128	UPD4522B	4522B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3B	5005A	UZ354	5200A
UPD4016C-2	2128	UPD4522BC	4522B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3C	5005A	UZ355	5201A
UPD4016C-3	2128	UPD4522BC	4522B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3D	5005A	UZ356	5202A
UPD4016D-1	2128	UPD4522BC	4522B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3E	5005A	UZ357	5203A
UPD4016D-2	2128	UPD4528C	4528B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3F	5005A	UZ358	5204A
UPD4016D-3	2128	UPD4539B	4539B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3G	5005A	UZ359	5205A
UPD4017	4017B	UPD4539B	4539B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3H	5005A	UZ360	5206A
UPD4017C	4017B	UPD4539B	4539B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3I	5005A	UZ361	5207A
UPD4019	4019B	UPD4539C	4539B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3J	5005A	UZ362	5208A
UPD4019B	4019B	UPD4555	4555B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3K	5005A	UZ363	5209A
UPD4019BC	4019B	UPD4555C	4555B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3L	5005A	UZ364	5210A
UPD4019C	4019B	UPD4555C	4555B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3M	5005A	UZ365	5211A
UPD4020	4020B	UPD4555C	4555B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3N	5005A	UZ366	5212A
UPD4020C	4020B	UPD4584BC	40106B	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3O	5005A	UZ367	5213A
UPD4021	4021B	UPD5101	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3P	5005A	UZ368	5214A
UPD4021C	4021B	UPD5101	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3Q	5005A	UZ369	5215A
UPD4023	4023B	UPD5101-1	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3R	5005A	UZ370	5216A
UPD4023C	4023B	UPD5101-1	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3S	5005A	UZ371	5217A
UPD4024	4024B	UPD5101-6	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3T	5005A	UZ372	5218A
UPD4024B	4024B	UPD5101-6	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3U	5005A	UZ373	5219A
UPD4024BC	4024B	UPD5101C	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3V	5005A	UZ374	5220A
UPD4024C	4024B	UPD5101C-1	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3W	5005A	UZ375	5221A
UPD4025	4025B	UPD5101C-1	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3X	5005A	UZ376	5222A
UPD4025C	4025B	UPD5101C-1	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3Y	5005A	UZ377	5223A
UPD4027	4027B	UPD5101C-6	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3Z	5005A	UZ378	5224A
UPD4027BC	4027B	UPD5101C-6	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3A	5005A	UZ379	5225A
UPD4027C	4027B	UPD5101P	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3B	5005A	UZ380	5226A
UPD4028	4028B	UPD5101P-1	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3C	5005A	UZ381	5227A
UPD4028C	4028B	UPD5101P-1	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3D	5005A	UZ382	5228A
UPD4029	4029B	UPD5101P-6	65101	UPQ7043	2323	US123EA	5878	USFD-1A	116	UZ-3.3E	5005A	UZ383	5229A
UPD4029C	4029B	UPD5101P-6	65101	UPQ7043	2323	US123EA	5878	US					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
UZ4733	5142A	UZ5940	5144A	V0-6B	116	V33ZB5C	2V020	V275LA20A	2V275	VC212	612	VF25-5X	518
UZ4736	5143A	UZ5950	5147A	V-06B	116	V39ZA1	1V025	V275LA40B	524V27	VC212A	612	VF25-7	518
UZ4739	5145A	UZ5960	5148A	V06B	125	V39ZA6	2V025	V275LA40B	524V27	VC233	614	VF25-7X	518
UZ4743	5145A	UZ5975	5152A	V06C	116	V47ZA1	1V030	V297	123A	VC233A	614	VF25-10	518
UZ4747	5146A	UZ5980	5153A	V06C	552	V47ZA7	2V030	V300LA2	1V300	VC309	611	VF25-10X	518
UZ4751	5147A	UZ5990	5153A	V-06C	116	V50A260-36	109	V300LA4	1V300	VC309A	611	VF579	264
UZ4756	5148A	UZ5990	5153A	V06-C	116	V51	102A	V330X	580	VC321	613	VF-1043	614
UZ4762	5150A	UZ5990	5153A	V06C(BOOST)	506	V56ZA2	1V035	V331X	580	VC321A	613	VFA2745C	116
UZ4768	5151A	UZ5990	5153A	V06C(Lafayette)	506	V56ZA6	2V035	V332X	580	VC332	614	VFA2745C	116
UZ4775	5152A	UZ5990	5153A	V06C(Hitachi)	506	V56ZB2C	1V035	V334X	580	VC332A	614	VFG2745B	104
UZ4782	5153A	UZ5990	5153A	V06C(Damper)	506	V56ZB8C	2V035	V336X	580	VC408	610	VFG274513	104
UZ4791	5155A	UZ5990	5153A	V06C(Power Rectifier)	116	V58	160	V405	108	VC408A	610	VFL-2744K	126A
UZ4808	5122A	UZ5990	5153A	V06C401	116	V60/10DP	121	V405A	395	VC409	611	VFL2744K	160
UZ4812	5127A	UZ5990	5153A	V0-6C	116	V60/20DP	121	V409	152	VC409A	611	VFP-2746C	104
UZ5110	5156A	UZ5990	5153A	V06CS	552	V60/20P	121	V410	159	VC410	611	VFP2746C	121
UZ5111	5157A	UZ5990	5153A	V06CS(FLYBACK)	552	V60/30DP	121	V410A	159	VC410A	611	VFP6537C	121
UZ5112	5158A	UZ5990	5153A	V06CS/S	125	V60/30P	121	V413	6408	VC421	613	VFP6537C	121
UZ5113	5159A	UZ5990	5153A	V06-E	125	V68ZA2	1V040	V413M	6407	VC421A	613	VFG2745F	100
UZ5114	5160A	UZ5990	5153A	V06G	558	V68ZA10	2V040	V413N	6408	VC432	614	VFS5K	126A
UZ5115	5161A	UZ5990	5153A	V06-G	558	V74	109	V415	108	VC432A	614	VFS2745	158
UZ5116	5162A	UZ5990	5153A	V06G(Flyback)	558	V75	160	V415	108	VC433	614	VFS2745J	158
UZ5117	5163A	UZ5990	5153A	V06J	506	V78	117A	V420LA20A	2V420	VC433A	614	VFS2745J	102A
UZ5118	5164A	UZ5990	5153A	V09	552	V82ZA2	1V050	V420LA40A	524V42	VC610	611	VF-SD1A	506
UZ5119	5165A	UZ5990	5153A	V09A	552	V82ZA12	2V050	V420LA40B	524V42	VC610A	611	VFD-1A	119
UZ5120	5166A	UZ5990	5153A	V09B	552	V82ZB2C	1V050	V435	108	VC611	611	VFT-2745H	102A
UZ5210	5156A	UZ5990	5153A	V09C	552	V82ZB2C	2V050	V435A	159	VC611A	611	VFU2746B	121
UZ5211	5157A	UZ5990	5153A	V09E	552	V100ZA3	1V060	V442	116	VC612	612	VFU2746B	121
UZ5212	5158A	UZ5990	5153A	V09E	552	V100ZA15	2V060	V442	116	VC612A	612	VFU65326B	121
UZ5213	5159A	UZ5990	5153A	V09E	552	V115	109	V480LA20A	2V480	VC613	612	VFW2745D	160
UZ5214	5160A	UZ5990	5153A	V09E	552	V118	109	V480LA40A	2V480	VC613A	612	VFW-27450	126A
UZ5215	5161A	UZ5990	5153A	V09E	552	V119	123A	V480LA40A	524V48	VC622	612	VFY-2745E	100
UZ5216	5162A	UZ5990	5153A	V09E	552	V120	160	V480LA40A	524V48	VC623	613	VG310	611
UZ5217	5163A	UZ5990	5153A	V09E	552	V120PH	107	V480LA40A	524V48	VC623A	613	VG310A	611
UZ5218	5164A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG322	613
UZ5219	5165A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG322A	613
UZ5220	5166A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333	614
UZ5221	5167A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5222	5168A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5223	5169A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5224	5170A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5225	5171A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5226	5172A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5227	5173A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5228	5174A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5229	5175A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5230	5176A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5231	5177A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5232	5178A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5233	5179A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5234	5180A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5235	5181A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5236	5182A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5237	5183A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5238	5184A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5239	5185A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5240	5186A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5241	5187A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5242	5188A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5243	5189A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5244	5190A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5245	5191A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5246	5192A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5247	5193A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5248	5194A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5249	5195A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5250	5196A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5251	5197A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5252	5198A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5253	5199A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5254	5200A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5255	5201A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5256	5202A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5257	5203A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5258	5204A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5259	5205A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5260	5206A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5261	5207A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5262	5208A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5263	5209A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5264	5210A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5265	5211A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5266	5212A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5267	5213A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5268	5214A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5269	5215A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5270	5216A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5271	5217A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5272	5218A	UZ5990	5153A	V09E	552	V120RH	108	V480LA40A	524V48	VC623A	613	VG333A	614
UZ5273	5219A	UZ5990	5153A										

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
VHE210	588	VM205	610	VMT-03-01	500A	VR36B	5085A	VS2SB561-C/-1	159	VS2SC1166-0-1	289A	VS2SC2371K1E	157
VHE215	588	VM205A	610	VMT-03-02	500A	VR39B	5086A	VS2SB566-C/-1	292	VS2SC1166-1-1	289A	VS2SC2373L1E	379
VHE220	588	VM210	610	VMT-04	521	VR43B	5087A	VS2SB568//1	398	VS2SC1166-0-1	289A	VS2SC2383	31
VHEB2-120	142A	VM210A	610	VMT-05	522	VR47B	5088A	VS2SB744-Q	185	VS2SC1166-Y-1	289A	VS2SC2383/1E	371
VHEH26B2//1A	5012A	VM211	610	VMT-05-01	522	VR51B	5089A	VS-2SC58	154	VS2SC1166Y-1	289A	VS2SC2481-0	373
VHEH26B3//1A	136A	VM211A	610	VMT-05-02	522	VS-2SC58A	154	VS-2SC58A	154	VS2SC1172-1E	238	VS2SC2481//1	399
VHEH26C	5013A	VM216	610	VMT-05-03	522	VS-2SC58B	154	VS-2SC58B	154	VS2SC1173-1E	152	VS2SC2481-Y	373
VHEH212A2L	5021A	VM216A	610	VMT-06	537	VS-2SC58C	154	VS-2SC58C	154	VS2SC1173-Y-3	152	VS2SC2481Y	373
VHEH212C-2L-1	5023A	VM217	610	VMT-07	533	VR62	149A	VS2SC206	161	VS2SC1174-1E	389	VS2SC2481Y1E	373
VHEH233-2//1	5036A	VM217A	610	VMT-08	523/3306	VR62A	149A	VS-2SC206	161	VS2SC1213AC1A	289A	VS2SC2481Y//1E	373
VHERD4R7EC/-1	5009A	VM222	610	VMT-09	529	VR62B	149A	VS2SC208	161	VS2SC1213AC/A	289A	VS2SC2482	399
VHERD5R1JB1-1	5010A	VM222A	610	VMT-09-01	529	VR68B	5092A	VS-2SC208	161	VS2SC1213C1A	289A	VS2SC2482//1	399
VHERD5R1JB2-1	5010A	VM223	610	VMT-10	536A	VR75B	5093A	VS2SC227-V/-1	128	VS2SC1213-C1A	289A	VS2SC2610	399
VHERD6R2JB2-1	5013A	VM223A	610	VMT-11	534	VR82	150A	VS2SC229-0/1E	399	VS2SC1213-1A	289A	VS2SC2610-1E	399
VHERD6R8EE/-1	5071A	VM228	610	VMT-12	538	VR82A	150A	VS2SC324H	123A	VS2SC1213-C1E	289A	VS2SC26101E	399
VHERD9R1JB2-1	5018A	VM228A	610	VMT-13	539	VR82B	150A	VS-2SC324H	123A	VS2SC1213-D1A	289A	VS2SC2610BK1E	399
VHERD27ED//1	146A	VM229	610	VMT-14	539	VR91B	5095A	VS2SC371-R-1	289A	VS2SC1237-1	235	VS2SC2610K1E	399
VHERD160JB1-1	5025A	VM229A	610	VMT-15	530	VR100B	5096A	VS2SC372-0/1E	85	VS2SC1237-1F	235	VS2SC2610Y-1	399
VHERD160JB2-1	5025A	VM234	610	VM-T02P11/2	116	VR110B	151A	VS2SC372Y/-1	85	VS2SC1237-1F	235	VS2SC2610Y1E	373
VHERD240JB2-1	5031A	VM234A	610	VM0330N5	67	VR110A	151A	VS2SC372Y-1E	85	VS2SC1237-IF	235	VS2SC2794LB1E	373
VHEWZ-100//1F	5019A	VM235	610	VM0330N5G	67	VR110B	151A	VS2SC373/-1E	85	VS2SC1335D/-1	199	VS2SC3068LB1E	198
VHEWZ-100//1F	140A	VM235A	610	VM0335N5	67	VR120B	5097A	VS2SC373G/-1	85	VS2SC1335D/1	199	VS2SC3239Y/-1	377
VHEWZ-197//1	5029A	VM304	611	VM0335N5G	67	VR130B	5098A	VS2SC373-G/-1	85	VS2SC1415/-1	372	VS2SC3239Y1E	377
VHEWZ-1001E	5096A	VM304A	611	VM0340N5	67	VR150B	5100A	VS2SC373G/-1	85	VS2SC1415/-1F	392	VS2SC11660-1	289A
VHEWZ-1001F	177	VM305	611	VM0340N5G	67	VR160B	5101A	VS2SC373-G-1	85	VS2SC1447-1E	396	VS2SC15691/1E	376
VHEWZ-1001F(10 volts)	140A	VM305A	611	VM1209N5	66	VR180B	5103A	VS2SC374-B-1	199	VS2SC1447K1E	396	VS2SC18150/1E	85
VHEWZ-1001F(100 volts)	5096A	VM310	611	VO1G	115	VR200B	5105A	VS2SC380A0/1E	85	VS2SC1447LB1E	376	VS2SC18150Y-1	399
VHEWZ-10001F	5096A	VM310A	611	VO1G(Emerson)	115	VRD1N34A//1	109	VS2SC380A0Y/1E	85	VS2SC1514/-1	376	VS2SC22290/1A	399
VHEXZ-090/-1	139A	VM311	611	VO-3C	125	VRD1S1555-R-1	171	VS2SC380Y/1E	85	VS2SC1514-1E	376	VS2SC22290/1E	399
VHEXZ-090//1	5018A	VM311A	611	VO3C	125	VS048	5312	VS2SC380Y//1	85	VS2SC1514-1E	376	VS2SC24810/1E	373
VHEXZ090/-1	139A	VM316	611	VO3-C	125	VS-0A70	109	VS2SC383-W/1E	85	VS2SC1514-12A	376	VS2SD227-V-1	85
VHF1S2076-1	177	VM316A	611	VO3G	125	VS-1	116	VS-2SC385L	107	VS2SC1514BK-1E	376	VS2SD227-V-1	85
VH174S42//1	74LS42	VM317	611	VO-5E	116	VS1	116	VS2SC385L	107	VS2SC1678-1E	376	VS2SD227V-1	85
VHIAN262//1	1263	VM317A	611	VO-6A	116	VS2B661-C/-1	160	VS2SC388A-1A	85	VS2SC1678-1E	376	VS2SD235LBV-1	152
VHID14071P-1	4071B	VM328	611	VO6B	116	VS-2SA71	160	VS2SC394-1-1	289A	VS2SC1678-1E	376	VS2SD235LBV-2	152
VHIIA11225/-1	1488	VM328A	611	VO6C	116	VS-2SA71B	160	VS2SC394-1-1	289A	VS2SC1678K-1	85	VS2SD357-D/-1	291
VHIIH74LS00P-1	74LS00	VM329	611	VO6-C	116	VS2SA71B	160	VS2SC394-Y-1	289A	VS2SC1678Y-1	85	VS2SD467-C-1	85
VHIIH74LS09-1	74LS09	VM329A	611	VO-6C	116	VS2SA71BS	160	VS2SC394Y-1	289A	VS2SC1678Y-1	85	VS2SD468-C	85
VHIIH74LS14-1	74LS14	VM334	611	VO6C5	116	VS-2SA71BS	160	VS2SC394Y-1	289A	VS2SC1678Y-1	85	VS2SD470SYL2E	321
VHIIH74LS136P	74LS136	VM334A	611	VO6E	116	VS-2SA103	126A	VS2SC454-B/-1	85	VS2SC1681G/1E	199	VS2SD471S-1	293
VHIIH7417/-1	7417	VM335	611	VO6G	558	VS2SA103	126A	VS2SC454-B/1E	85	VS2SC1682BL	199	VS2SD471S-1	293
VHILA12305/-1	788	VM335A	611	VO-9C	552	VS2SA128V	158	VS2SC454-B/2A	85	VS2SC1723-1	376	VS2SD477C-1	198
VHILA1231N/-1	1441	VM504	613	VO9C	552	VS-2SA358	126A	VS2SC454-C/1A	85	VS2SC1723-1	376	VS2SD478SYL2E	375
VHILA1240/-1	1214	VM504A	613	VO-9E	552	VS-2SA378	160	VS2SC454-C/3A	85	VS2SC1723-1	376	VS2SD478Y1E	375
VHILA1415/-1	1514	VM505	613	VO9E	552	VS2SA378	160	VS2SC454-C/3A	85	VS2SC1723-1	376	VS2SD478Y1E	375
VHILB1426/-1	1511	VM505A	613	VO9G	558	VS2SA379	160	VS2SC454-C/1E	85	VS2SC1723S/-1	376	VS2SD571-K	293
VHILM358N//1	928M	VM510	613	VOG	116	VS-2SA379	160	VS-2SC458	85	VS2SC1740S	85	VS2SD666-C-1	382
VHIM54459//1	1745	VM510A	613	VO42B	229	VS-2SA385	126A	VS2SC458	85	VS2SC1741/-1	85	VS2SD669C	373
VHINE646B//1	2004	VM511	613	VR1B	552	VS-2SA385	126A	VS2SC458	85	VS2SC1741/-1	85	VS2SD669C	373
VHINE646B//1F	2004	VM511A	613	VR1D	552	VS2SA385L	126A	VS2SC458-C/1E	85	VS2SC1815GR	85	VS2SD669C//1E	373
VHINJM4558D-1	778A	VM516	613	VR1G	552	VS-2SA385L	126A	VS2SC458-C/1E	85	VS2SC1815GR-1	85	VS2SD669C/1E	373
VHINJM4558D-1	778A	VM516A	613	VR1G(Diode)	552	VS2SA495-0/-1	290A	VS2SC458-D/-1	85	VS2SC1815GR-1	85	VS2SD669C//1E	373
VHINJM4558DX1	778A	VM517	613	VR1J(Diode)	552	VS2SA495-0/1E	290A	VS2SC458-D/-1	85	VS2SC1815GR-1	85	VS2SD669D	373
VHIRC4558P-1	778A	VM517A	613	VR5.6	136A	VS2SA495-Y/1E	290A	VS2SC458-C1A	85	VS2SC1815OW-1	85	VS2SD669-D	373
VHIRC4558P-1	778A	VM522	613	VR5.6	136A	VS2SA562-0/1E	290A	VS2SC458-G1D-1	85	VS2SC1815OW-1	85	VS2SD669D//1E	373
VHIRC4558P-1	778A	VM522A	613	VR5.6A	136A	VS2SA562-0/1E	290A	VS2SC460B	85	VS2SC1815Y-1	85	VS2SD669-D/1E	373
VHISTK-459/-1	1330	VM523	613	VR5.6B	136A	VS2SA562-Q/1E	290A	VS2SC460B	85	VS2SC1815Y-1	85	VS2SD669D//1E	373
VHISTK-461	1331	VM523A	613	VR6.2B	137A	VS2SA562-Q/1E	290A	VS2SC460B-1	85	VS2SC1815Y-1	85	VS2SD724//1A	375
VHISTK-465/-1	1345	VM528	613	VR6.2B	137A	VS2SA562-Q/1E	290A	VS2SC460B-1	85	VS2SC1815Y-1	85	VS2SD724//2A	375
VHISTK3042/-1	1338S	VM528A	613	VR7.5B	5071A	VS2SA562-Y/1E	290A	VS2SC460C	85	VS2SC1826-Y-1	196	VS2SD741-S	293
VHITAT120P/-1	1087	VM529	613	VR8.2B	5072A	VS2SA673A-B/1E	290A	VS2SC461-B/-1	85	VS2SC1826-Y1A	196	VS2SD764//1	389
VHITAT130P2	1234	VM529A	613	VR9B	139A	VS2SA673A-C/1E	290A	VS2SC461-B/-1	85	VS2SC1827Y/1E	291	VS2SD794-0	184
VHITAT7343P	1657	VM534	613	VR9.1A	139A	VS2SA673-B/1E	290A	VS2SC461-C/1E	195A	VS2SC1829-1E	94	VS2SD794A/1E	184
VHITAT7555S	1529	VM534A	613	VR9.1A	139A	VS2SA673-C/1A	290A	VS2SC495-0/1E	295	VS2SC1841-E-1	90	VS2SD794ALB1E	184
VHITAT7555S-1	1529	VM535	613	VR9.1B	139A	VS2SA673-C/1E	290A	VS2SC495-5/-1	295	VS2SC1855	229	VS2SD794A-Q-1	184
VHITC4001BP-1	4001B	VM535A	613	VR10	140A	VS2SA673-C/2A	290A	VS2SC495-5/-1	295	VS2SC1855//1	229	VS2SD794LB1E	184
VHITC4011BP-1	4011B	VM604	614	VR10A	140A	VS2SA673-D/1A	290A	VS2SC495-T-1	295	VS2SC1855//1	229	VS2SD794-Q-1	184
VHITC4027BP-1	4027B	VM604A	614	VR10B	140A	VS2SA673-E/1A	185	VS2SC495-T-1	295	VS2SC1855//1	229	VS2SD863-F-1	382
VHITC4028BP-1	4028B	VM610	614	VR10E	5186A	VS2SA733-P	290A	VS2SC496-Y-1	295	VS2SC1875/-1	389	VS2SD869//1E	89
VHITC4052BP-1	4052B	VM605A	614	VR10F	5125A	VS2SA738-C/-1	185	VS2SC535-B	107	VS2SC1880A/2E	90	VS2SD869//1E	89
VHITC4052BP-1	4052B	VM610	614	VR11	141A	VS2SA738-C/-1	185	VS2SC535-B	107	VS2SC1880A/2E	90	VS2SD869//1E	89
VHITC4148P-1	4514B	VM610A	614	VR11A	141A	VS2SA738C-1	185	VS2SC535B-1	107	VS2SC1880A/2E	90	VS2SD870-1	89
VHITC428BP-1	4528B	VM611	614	VR11B	5074A	VS2SA844-D/1E	234	VS2SC535B-B/1A	107	VS2SC1880A/2E	90	VS2SD870//1	89
VHITL489CP/-1	1505	VM611A	614	VR11F	5126A	VS2SA844-D/2	234	VS2SC535B-B/1E	107	VS2SC1880A/2E	90	VS2SD871//1	89
VHITL4558C/-1	778A	VM616	614	VR12	142A	VS2SA844D/-2	234	VS2SC535-C/1E	107	VS2SC1880A/2E	90	VS2SD880-Y	152
VHIUPC1391H-1	1668	VM616A	614	VR12A	142A	VS2SA844-E/1E	234	VS-2SC538	123A	VS2SC1908//1E	107	VS2SD880-Y-1	152
VHIUPC1391H-1	1668	VM617	614	VR12B	142A	VS2SA844-Q/1E	290A	VS2SC538	161	VS2SC1908//1E	107	VS2SD880Y-1E	89
VHIUPD4068B-1	4068B	VM617A	614	VR12C	5127A	VS2SA844-Q/2E	290A	VS2SC538	161	VS2SC1908//1E	107	VS2SD880Y-1E	89
VHJ4068B-1	4068B	VM622	614	VR12F	5127A	VS2SA844-Q/2E	290A	VS2SC538	161	VS2SC1908//1E	107	VS2SD880Y-1E	89
VHJ4068B-1	4068B	VM622A	614	VR13	143A	VS2SA844-Q/2E	290A	VS2SC538	161	VS2SC1908//1E	107	VS2SD880Y-1E	89
VHJ4068B-1	406												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
VS9-0008-911	177	VVC731	612	VZ-065	5014A	W04M	5304	W18	152	W1801	130	WEP191	HIDiv-4
VS9-0008-923	234	VVC731A	612	VZ-067	5014A	W06	5305	W19	153	W1802	245	WEP193	HIDiv-3
VS9-0014-911	177	VVC732	612	VZ-069	5014A	W06-A	116	W20	123A	W1803	189	WEP215	513
VS-102	116	VVC732A	613	VZ-071	5015A	W06A	116	W21	159	W1804	243	WEP7400	7400
VS120	116	VVC741	613	VZ-073	5015A	W06A-Z	116	W22	160	W1901	219	WEP7474	7474
VS148	5312	VVC741A	613	VZ075	1V075	W06B	116	W23	161	W2000	312	WF1	312
VS202	116	VVC742	613	VZ-075	5015A	W06-B	116	W24	123A	W2000(Organ)	461	WF2	312
VS247	5313	VVC743	613	VZ-077	5015A	W06C	116	W25	158	W2001	461	WG0A-90	177
VS248	5313	VVC743A	613	VZ-081	5016A	W06F	5305	W26	157	W2001(Organ)	461	WG-10AS	177
VS447	5314	VVC743A	613	VZ-083	5016A	W06L	116	W27	155	W2010	6401	WG91	139A
VS448	5314	VVC747	614	VZ-085	5017A	W06M	5305	W28	154	W2011	6400B	WG103	177
VS450	5314	VVC747A	614	VZ-088	5017A	W07.5	5015A	W29	107	W2020	6408	WG-599	177
VS450	5314	VVC748	614	VZ-090	5018A	W08	5306	W50	130	W2021	5635	WG599	177
VS600	5315	VVC748A	614	VZ-092	5018A	W08F	5306	W55	148A	W2030	5453	WG-713	177
VS648	5315	VVC749	614	VZ-094	5018A	W08M	5306	W65	129	W2031	5402	WG713	177
VS848	5316	VVC749A	614	VZ095	1V095	W09C	552	W98	123A	W2032	5457	WG-713C	177
VS1048	5317	VVC792	610	VZ-096	5019A	W010M	5307	W100	7473	W2033	5515	WG714	177
VS2073/3E	196	VVC792A	610	VZ-098	5019A	W0-61	137A	W101	123A	W2058	5402	WG851	519
VSBF494-B/-1	229	VVC790	610	VZ-15B	5111A	W1	100	W103	123A	W2175	5463	WG1010	177
VSBF495-C/-1	229	VVC790A	610	VZ33F	5111A	W1A	312	W103-254(Zenith)	116	W2200	246 + 245(CP)	WG1010A	177
VSCS1255H	128	VVC791	610	VZ36F	5112A	W1E	220	W104	123A	W2201	130 + 219(CP)	WG-1010A	177
VSCS1255H	128	VVC791A	610	VZ39F	5113A	W1F	220	W107DIP-1	F1A005A	W2202	243 + 244(CP)	WG-1010A	177
VSCS1255HF	128	VVC792	610	VZ39F	5114A	W1P	312	W107DIP-4	F1A024A	W4002	116	WG-1010AS	177
VSCS1256HG	129	VVC792A	610	VZ47F	5115A	W1R	177	W107DIP-4	F1A024A	W6102ASX-1	A40240	WG1010B	177
VSCS1256HG	159	VVC795	611	VZ51F	5116A	W1R(Diode)	177	W110	5304	W6102DSX-1	B40240	WG-1012	177
VS-DG11NR	116	VVC795A	611	VZ56F	5117A	W1R(SCR)	5404	W111	5304	W6110ASX-1	A40240	WG1012	177
VSF2745	100	VVC796	611	VZ56F	5119A	W1U	222	W117DIP-9	F2A005%	W6110DSX-1	B40240	WG1014A	177
VS-FR1	116	VVC796A	611	VZ58F	5121A	W1W	222	W117DIP-11	F2A012%	W6110DTX-1	A40240	WG1021	177
VS-FR-1	116	VVC797	611	VZ75F	5121A	W1W	544	W117DIP-68	F1A005%	W6125ASX-1	A40240	WHE-981-ZZ/03	552
VSFR1	116	VVC797A	611	VZ82F	5122A	W2	101	W118	130	W6125DSX-1	B40240	WHE-981-ZZ/12	552
VS-FR-1P	116	VVC798	611	VZ91F	5124A	W2AA50C	5703	W126	289A	W6125DTX-1	B40240	WIE	220
VSFR1P	116	VVC798A	611	VZ100F	5019A	W2AA50E	5703	W143	123A	W6140ASX-1	A40240	WK-5457	105
VS-FR-1P	116	VVC799	611	VZ100F	5125A	W2B25C	5700	W148	123A	W6140DSX-1	B40240	WK5457(FET)	457
VS-FR-1P	116	VVC799A	611	VZ110F	5020A	W2B25C	5700	W168	189	W6202ASX-1	A40240	WK-5457(FET)	457
VSFTIN	116	VVC810	612	VZ110F	5126A	W2BE25C	5700	W168	725	W6202DSX-1	B40240	WK5458	105
VSG-20024	116	VVC810A	612	VZ115	141A	W2BE25E	5700	W167	1111\$	W6210ASX-1	A40240	WK5458(FET)	457
VSK12	6085	VVC811	612	VZ120	5021A	W2BH25C	5702	W171DIP-2	F1A005%	W6210DSX-1	B40240	WK-5458(FET)	457
VSK13	6085	VVC811A	612	VZ120F	5127A	W2BH25E	5702	W171DIP-5	F1A024%	W6210DTX-1	B40240	WK5459	105
VSK14	6085	VVC822	614	VZ125	5022A	W2BJ25C	5701	W171DIP-21	F2A005%	W6225ASX-1	A40240	WL005F	5304
VSK120	585	VVC822A	614	VZ130	1V130	W2BJ25C	5701	W171DIP-23	F2A012%	W6225DSX-1	B40240	WL005M	5304
VSK130	585	VVC823	614	VZ130	5022A	W2BK25C	5701	W171DIP-24	F2A024%	W6225DTX-1	B40240	WL-01	5304
VSK140	585	VVC823A	614	VZ130F	5128A	W2BK25E	5701	W1000	7400	W6240ASX-1	A40240	WL01	5304
VSK320	586	VVC824	614	VZ135	5023A	W3	102A	W1003	7408	W6240DSX-1	B40240	WL01F	5304
VSK330	586	VVC824A	614	VZ140	5023A	W3D	5633	W1004	7474	W6275DSX-1	B75240	WL02F	5304
VSK340	586	VVC825	614	VZ145	5024A	W4	103A	W1004	7404	W6408ASX-1	A25480	WL02M	5304
VSK1520	6084	VVC825A	614	VZ150	1V150	W4-7	346	W1005	7410	W6408DSX-1	B40480	WL04F	5304
VSK1530	6084	VVC847	610	VZ150	5024A	W4-14	346	W1006	7451	W6412ASX-1	A25480	WL04M	5304
VSK1540	6084	VVC847A	610	VZ150F	5130A	W4-21	346	W1007	74122	W6412DSX-1	B40480	WL06F	5305
VSK2020	6087	VVC848	610	VZ157	5025A	W4-28	345	W1013	74151	W6425ASX-1	A25480	WL08M	5305
VSK2035	6087	VVC848A	610	VZ160F	5131A	W4D45C	6220	W1014	74123	W6425DSX-1	B40480	WL08F	5306
VSK2045	6087	VVC849	610	VZ162	5025A	W4D45D	6220	W1015	7414	W6440DSX-1	B40480	WL08M	5306
VSK2420	6087	VVC849A	610	VZ167	5026A	W4D45M	6220	W1105	2043	W6475DSX-1	B75480	WL10F	5307
VSK2435	6087	VVC850	611	VZ172	5026A	W4D45N	6220	W1106	4018	W6475DSX-1	B75480	WL10M	5307
VSK2445	6087	VVC850A	611	VZ177	5027A	W4D45P	6220	W1151	4012B	W6475DSX-1	B75480	WL125	143A
VSK3020S	6084	VVC851	611	VZ180F	5133A	W4D45PB	6220	W1152	4023B	W6475DSX-1	B75480	WL125A	143A
VSK3030S	6084	VVC851A	611	VZ182	5027A	W4D80C	6230	W1153	4027B	W6480DSX-1	B40480	WL125B	143A
VSK3040S	6084	VVC852	611	VZ187	5028A	W4D80D	6230	W1154	4042B	W6480DSX-1	B40480	WL125C	143A
VSK4020	6094	VVC852A	611	VZ192	5028A	W4D80M	6230	W1155	4043	W6480DSX-1	B40480	WL125D	143A
VSK4030	6094	VVC862	613	VZ197	5029A	W4D80N	6230	W1156	4081B	W6480DSX-1	B40480	WL130	143A
VSK4040	6094	VVC862A	613	VZ200F	5135A	W4D80P	6230	W1157	4013B	W6480DSX-1	B40480	WL130A	143A
VS-PH9D522/1	116	VVC863	613	VZ220F	5136A	W4D80PB	6230	W1158	4085B	W6480DSX-1	B40480	WL130B	143A
VS-PH9D522/1	116	VVC863A	613	VZ240F	5137A	W4DA40C	5711	W1159	4085B	W6480DSX-1	B40480	WL130C	143A
VQA206CD	5012A	VVC864	613	VZ250	1V250	W4DA40D	5711	W1160	74C174	W6480DSX-1	B40480	WL130D	143A
VS-SD-1B	506	VVC864A	613	VZ270F	5139A	W4DA40M	5711	W1161	74C174	W6480DSX-1	B40480	WL130E	144A
VSSD1B	116	VVC869	614	VZ300F	5141A	W4DA40N	5711	W1162	74C193	W6480DSX-1	B40480	WL140A	144A
VS-SD-1Z	116	VVC869A	614	VZ330F	5142A	W4DA40P	5711	W1163	4520B	W6480DSX-1	B40480	WL140B	144A
VSSD1Z	116	VVC870	614	VZ6.2V	5013A	W4DA40PB	5711	W1164	4015B	W6480DSX-1	B40480	WL140C	144A
VS-SD-82A	112	VVC870A	614	VZA060	1V060	W4DA45C	5711	W1165	4015B	W6480DSX-1	B40480	WL140D	144A
VS-TC0-2P11/2	116	VVC871	614	VZA075	1V075	W4DA45D	5711	W1166	4028B	W6480DSX-1	B40480	WL140E	144A
VSTC02P11/2	116	VVC871A	614	VZA095	1V095	W4DA55M	5711	W1169	4069	W6480DSX-1	B40480	WL150A	145A
VS-TC02P11/2	116	VVC910	611	VZA130	2V130	W4DA55N	5711	W1170	4015B	W6480DSX-1	B40480	WL150B	145A
VT200T	5322	VVC910A	611	VZA150	2V150	W4DA55P	5711	W1171	4555B	W6480DSX-1	B40480	WL150C	145A
VTA1112	3036	VVC911	611	VZA250	2V250	W4DA55PB	5711	W1201	725	W6480DSX-1	B40480	WL150D	145A
VVC201	610	VVC911A	611	VZA275	1V275	W4DB40C	5712	W1206	1113	W6480DSX-1	B40480	WL150E	145A
VVC201A	610	VVC924	613	VZA300	1V300	W4DB40D	5712	W1209	923	W6480DSX-1	B40480	WL157A	5075A
VVC203	611	VVC924A	613	VZB095	2V095	W4DB40M	5712	W1210	941M	W6480DSX-1	B40480	WL157B	5075A
VVC203A	611	VVC925	613	VZB130	2V130	W4DB40N	5712	W1211	912	W6480DSX-1	B40480	WL157C	5075A
VVC205	612	VVC925A	613	VZB150	2V150	W4DB40P	5712	W1212	725	W6480DSX-1	B40480	WL157D	5075A
VVC205A	612	VVC932	614	VZB250	2V250	W4DB40PB	5712	W1213	725	W6480DSX-1	B40480	WL157E	5075A
VVC213	614	VVC932A	614	VZB275	2V275	W4DB55C	5711	W1214	309K	W6480DSX-1	B40480	WL162A	5075A
VVC213A	614	VVC933	614	VZB300	2V300	W4DB55D	5711	W1217	955M	W6480DSX-1	B40480	WL162B	5075A
VVC409	614	VVC933A	614	VZB420	2V420	W4DB55M	5711	W1221	975	W6480DSX-1	B40480	WL162C	5075A
VVC409A	614	VVC934	614	VZC095	2V095	W4DB55N	5711	W1223	966	W6480DSX-1	B40480	WL162D	5075A
VVC410	614	VVC934A	614	VZC130	524V13	W4DB55P	5711	W1224	968	W6480DSX-1	B40480	WL167	5075A
VVC410A	614	VVC1003	610	VZC150	524V15	W4DB55PB	5711	W1225	967	W6480DSX-1	B40480	WL167A	5075A
VVC412	611	VVC1003A	610	VZC200	524V25	W4DC40C	5710	W1226	969	W6480DSX-1	B40480	WL167B	5075

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
WL-250B	5081A	WM-088B	139A	WM-270B	146A	WN-092B	139A	WN-330B	147A	WO6	116	WO-340	147A
WL-250C	5081A	WM-088C	139A	WM-270C	146A	WN-092C	139A	WN-330C	147A	WO6A	125	WO-340A	147A
WL-250D	5081A	WM-088D	139A	WM-270D	146A	WN-092D	139A	WN-330D	147A	WO6B	116	WO-340B	147A
WL-260	146A	WM-090	139A	WM-290	5084A	WN-094	139A	WN-340	147A	WO6C	116	WO-340C	147A
WL-260A	146A	WM-090A	139A	WM-290A	5084A	WN-094A	139A	WN-340A	147A	WO6D	116	WO-340D	147A
WL-260B	146A	WM-090B	139A	WM-290B	5084A	WN-094B	139A	WN-340B	147A	WO6E	116	WO-340E	147A
WL-260C	146A	WM-090C	139A	WM-290C	5084A	WN-094C	139A	WN-340C	147A	WO6F	116	WO-340F	147A
WL-260D	146A	WM-090D	139A	WM-290D	5084A	WN-094D	139A	WN-340D	147A	WO6G	116	WO-340G	147A
WL-270	146A	WM-092	139A	WM-300	5084A	WN-098	140A	WO-050	135A	WO6H	116	WO-340H	147A
WL-270A	146A	WM-092A	139A	WM-300A	5084A	WN-098A	140A	WO-050A	135A	WO6I	116	WO-340I	147A
WL-270B	146A	WM-092B	139A	WM-300B	5084A	WN-098B	140A	WO-050B	135A	WO6J	116	WO-340J	147A
WL-270C	146A	WM-092C	139A	WM-300C	5084A	WN-098C	140A	WO-050C	135A	WO6K	116	WO-340K	147A
WL-270D	146A	WM-092D	139A	WM-300D	5084A	WN-098D	140A	WO-050D	135A	WO6L	116	WO-340L	147A
WL-280	5084A	WM-094A	139A	WM-330	147A	WN-100	140A	WO-050E	135A	WO6M	116	WO-340M	147A
WL-290A	5084A	WM-094B	139A	WM-330A	147A	WN-100A	140A	WO-050F	135A	WO6N	116	WO-340N	147A
WL-290B	5084A	WM-094C	139A	WM-330B	147A	WN-100B	140A	WO-050G	135A	WO6O	116	WO-340O	147A
WL-290C	5084A	WM-094D	139A	WM-330C	147A	WN-100C	140A	WO-050H	135A	WO6P	116	WO-340P	147A
WL-290D	5084A	WM-098	140A	WM-330D	147A	WN-100D	140A	WO-050I	135A	WO6Q	116	WO-340Q	147A
WL-300	5084A	WM-098A	140A	WM-340	147A	WN-110	5074A	WO-050J	135A	WO6R	116	WO-340R	147A
WL-300A	5084A	WM-098B	140A	WM-340A	147A	WN-110A	5074A	WO-050K	135A	WO6S	116	WO-340S	147A
WL-300B	5084A	WM-098C	140A	WM-340B	147A	WN-110B	5074A	WO-050L	135A	WO6T	116	WO-340T	147A
WL-300C	5084A	WM-098D	140A	WM-340C	147A	WN-110C	5074A	WO-050M	135A	WO6U	116	WO-340U	147A
WL-300D	5084A	WM-100	140A	WM-340D	147A	WN-110D	5074A	WO-050N	135A	WO6V	116	WO-340V	147A
WL-330	147A	WM-100A	140A	WM-050	135A	WN-115	141A	WO-050O	135A	WO6W	116	WO-340W	147A
WL-330A	147A	WM-100B	140A	WN-050A	135A	WN-115A	141A	WO-050P	135A	WO6X	116	WO-340X	147A
WL-330B	147A	WM-100C	140A	WN-050B	135A	WN-115B	141A	WO-050Q	135A	WO6Y	116	WO-340Y	147A
WL-330C	147A	WM-100D	140A	WN-050C	135A	WN-115C	141A	WO-050R	135A	WO6Z	116	WO-340Z	147A
WL-330D	147A	WM-110	5074A	WN-050D	135A	WN-115D	141A	WO-050S	135A	WO6A	125	WO-340A	147A
WL-340	147A	WM-110A	5074A	WN-052	135A	WN-120	142A	WO-050T	135A	WO6B	116	WO-340B	147A
WL-340A	147A	WM-110B	5074A	WN-052A	135A	WN-120A	142A	WO-050U	135A	WO6C	116	WO-340C	147A
WL-340B	147A	WM-110C	5074A	WN-052B	135A	WN-120B	142A	WO-050V	135A	WO6D	116	WO-340D	147A
WL-340C	147A	WM-110D	5074A	WN-052C	135A	WN-120C	142A	WO-050W	135A	WO6E	116	WO-340E	147A
WL-340D	147A	WM-115	141A	WN-052D	135A	WN-120D	142A	WO-050X	135A	WO6F	116	WO-340F	147A
WM-050	135A	WM-115A	141A	WN-054	136A	WN-125	143A	WO-050Y	135A	WO6G	116	WO-340G	147A
WM-050A	135A	WM-115B	141A	WN-054A	136A	WN-125A	143A	WO-050Z	135A	WO6H	116	WO-340H	147A
WM-050B	135A	WM-115C	141A	WN-054B	136A	WN-125B	143A	WO-050A	135A	WO6I	116	WO-340I	147A
WM-050C	135A	WM-115D	5074A	WN-054C	136A	WN-125C	143A	WO-050B	135A	WO6J	116	WO-340J	147A
WM-050D	135A	WM-120	142A	WN-054D	136A	WN-125D	143A	WO-050C	135A	WO6K	116	WO-340K	147A
WM-052	135A	WM-120A	142A	WN-056	136A	WN-130	143A	WO-050D	135A	WO6L	116	WO-340L	147A
WM-052A	135A	WM-120B	142A	WN-056A	136A	WN-130A	143A	WO-050E	135A	WO6M	116	WO-340M	147A
WM-052B	135A	WM-120C	142A	WN-056B	136A	WN-130B	143A	WO-050F	135A	WO6N	116	WO-340N	147A
WM-052C	135A	WM-120D	142A	WN-056C	136A	WN-130C	143A	WO-050G	135A	WO6O	116	WO-340O	147A
WM-052D	135A	WM-125	143A	WN-056D	136A	WN-130D	143A	WO-050H	135A	WO6P	116	WO-340P	147A
WM-054	136A	WM-125A	143A	WN-058	136A	WN-140	144A	WO-050I	135A	WO6Q	116	WO-340Q	147A
WM-054A	136A	WM-125B	143A	WN-058A	136A	WN-140A	144A	WO-050J	135A	WO6R	116	WO-340R	147A
WM-054B	136A	WM-125C	143A	WN-058B	136A	WN-140B	144A	WO-050K	135A	WO6S	116	WO-340S	147A
WM-054C	136A	WM-125D	143A	WN-058C	136A	WN-140C	144A	WO-050L	135A	WO6T	116	WO-340T	147A
WM-054D	136A	WM-130	143A	WN-058D	136A	WN-140D	144A	WO-050M	135A	WO6U	116	WO-340U	147A
WM-056	136A	WM-130A	143A	WN-061	137A	WN-150	145A	WO-050N	135A	WO6V	116	WO-340V	147A
WM-056A	136A	WM-130B	143A	WN-061A	137A	WN-150A	145A	WO-050O	135A	WO6W	116	WO-340W	147A
WM-056B	136A	WM-130C	143A	WN-061B	137A	WN-150B	145A	WO-050P	135A	WO6X	116	WO-340X	147A
WM-056C	136A	WM-130D	143A	WN-061C	137A	WN-150C	145A	WO-050Q	135A	WO6Y	116	WO-340Y	147A
WM-056D	136A	WM-140	144A	WN-061D	137A	WN-150D	145A	WO-050R	135A	WO6Z	116	WO-340Z	147A
WM-058	136A	WM-140A	144A	WN-063	137A	WN-157	5075A	WO-050S	135A	WO6A	125	WO-340A	147A
WM-058A	136A	WM-140B	144A	WN-063A	137A	WN-157A	5075A	WO-050T	135A	WO6B	116	WO-340B	147A
WM-058B	136A	WM-140C	144A	WN-063B	137A	WN-157B	5075A	WO-050U	135A	WO6C	116	WO-340C	147A
WM-058C	136A	WM-140D	144A	WN-063C	137A	WN-157C	5075A	WO-050V	135A	WO6D	116	WO-340D	147A
WM-058D	136A	WM-150	145A	WN-063D	137A	WN-157D	5075A	WO-050W	135A	WO6E	116	WO-340E	147A
WM-061	137A	WM-150A	145A	WN-065	137A	WN-162	5075A	WO-050X	135A	WO6F	116	WO-340F	147A
WM-061A	137A	WM-150B	145A	WN-065A	137A	WN-162A	5075A	WO-050Y	135A	WO6G	116	WO-340G	147A
WM-061B	137A	WM-150C	145A	WN-065B	137A	WN-162B	5075A	WO-050Z	135A	WO6H	116	WO-340H	147A
WM-061C	137A	WM-150D	145A	WN-065C	137A	WN-162C	5075A	WO-050A	135A	WO6I	116	WO-340I	147A
WM-061D	137A	WM-157	5075A	WN-065D	137A	WN-162D	5075A	WO-050B	135A	WO6J	116	WO-340J	147A
WM-063	137A	WM-157A	5075A	WN-071	138A	WN-167	5075A	WO-050C	135A	WO6K	116	WO-340K	147A
WM-063A	137A	WM-157B	5075A	WN-071A	138A	WN-167A	5075A	WO-050D	135A	WO6L	116	WO-340L	147A
WM-063B	137A	WM-157C	5075A	WN-071B	138A	WN-167B	5075A	WO-050E	135A	WO6M	116	WO-340M	147A
WM-063C	137A	WM-157D	5075A	WN-071C	138A	WN-167C	5075A	WO-050F	135A	WO6N	116	WO-340N	147A
WM-063D	137A	WM-162	5075A	WN-071D	138A	WN-167D	5075A	WO-050G	135A	WO6O	116	WO-340O	147A
WM-065	137A	WM-162A	5075A	WN-073	138A	WN-177	5075A	WO-050H	135A	WO6P	116	WO-340P	147A
WM-065A	137A	WM-162B	5075A	WN-073A	138A	WN-177A	5075A	WO-050I	135A	WO6Q	116	WO-340Q	147A
WM-065B	137A	WM-162C	5075A	WN-073B	138A	WN-177B	5075A	WO-050J	135A	WO6R	116	WO-340R	147A
WM-065C	137A	WM-162D	5075A	WN-073C	138A	WN-177C	5075A	WO-050K	135A	WO6S	116	WO-340S	147A
WM-065D	137A	WM-167	5075A	WN-073D	138A	WN-177D	5075A	WO-050L	135A	WO6T	116	WO-340T	147A
WM-071	138A	WM-167A	5075A	WN-075	138A	WN-182	5077A	WO-050M	135A	WO6U	116	WO-340U	147A
WM-071A	138A	WM-167B	5075A	WN-075A	138A	WN-182A	5077A	WO-050N	135A	WO6V	116	WO-340V	147A
WM-071B	138A	WM-167C	5075A	WN-075B	138A	WN-182B	5077A	WO-050O	135A	WO6W	116	WO-340W	147A
WM-071C	138A	WM-167D	5075A	WN-075C	138A	WN-182C	5077A	WO-050P	135A	WO6X	116	WO-340X	147A
WM-071D	138A	WM-172	5077A	WN-075D	138A	WN-182D	5077A	WO-050Q	135A	WO6Y	116	WO-340Y	147A
WM-073	138A	WM-172A	5077A	WN-077	138A	WN-230	5081A	WO-050R	135A	WO6Z	116	WO-340Z	147A
WM-073A	138A	WM-172B	5077A	WN-077A	138A	WN-230A	5081A	WO-050S	135A	WO6A	125	WO-340A	147A
WM-073B	138A	WM-172C	5077A	WN-077B	138A	WN-230B	5081A	WO-050T	135A	WO6B	116	WO-340B	147A
WM-073C	138A	WM-172D	5077A	WN-077C	138A	WN-230C	5081A	WO-050U	135A	WO6C	116	WO-340C	147A
WM-073D	138A	WM-177	5077A	WN-077D	138A	WN-230D	5081A	WO-050V	135A	WO6D	116	WO-340D	147A
WM-075	138A	WM-177-01PA	366	WN-079	5072A	WN-240	5081A	WO-050W	135A	WO6E	116	WO-340E	147A
WM-075A	138A	WM-177A	5077A	WN-079A	5072A	WN-240A	5081A	WO-050X	135A	WO6F	116	WO-340F	147A
WM-075B	138A	WM-177B	5077A	WN-079B	5072A	WN-240B	5081A	WO-050Y	135A	WO6G	116	WO-340G	147A
WM-0													

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
WP-100D	140A	WQ-050D	135A	WQ-115D	141A	WR-052	135A	WR51	5982	WR-300B	5084A	WS-092A	139A
WP-110	5074A	WQ-052A	135A	WQ-120	142A	WR-052A	135A	WR52	5986	WR-300C	5084A	WS-092C	139A
WP-110A	5074A	WQ-052B	135A	WQ-120A	142A	WR-052B	135A	WR53	5990	WR-300D	5084A	WS-092D	139A
WP-110B	5074A	WQ-052C	135A	WQ-120B	142A	WR-052C	135A	WR54	5994	WR-330	147A	WS-094	139A
WP-110C	5074A	WQ-052D	135A	WQ-120C	142A	WR-052D	135A	WR60	5980	WR-330A	147A	WS-094A	139A
WP-110D	5074A	WQ-052D	135A	WQ-120D	142A	WR-054	136A	WR61	5982	WR-330B	147A	WS-094B	139A
WP-115	141A	WQ-054	136A	WQ-125	143A	WR-054A	136A	WR62	5986	WR-330C	147A	WS-094C	139A
WP-115A	141A	WQ-054A	136A	WQ-125A	143A	WR-054B	136A	WR63	5990	WR-330D	147A	WS-094D	139A
WP-115B	141A	WQ-054B	136A	WQ-125B	143A	WR-054C	136A	WR64	5994	WR-340	147A	WS-098	140A
WP-115C	141A	WQ-054C	136A	WQ-125C	143A	WR-054D	136A	WR100	116	WR-340A	147A	WS-098A	140A
WP-115D	141A	WQ-054D	136A	WQ-125D	143A	WR-056	136A	WR-100	140A	WR-340B	147A	WS-098B	140A
WP-120	142A	WQ-056	136A	WQ-130	143A	WR-056A	136A	WR-100A	140A	WR-340C	147A	WS-098C	140A
WP-120A	142A	WQ-056A	136A	WQ-130A	143A	WR-056B	136A	WR-100B	140A	WR-340D	147A	WS-098D	140A
WP-120B	142A	WQ-056B	136A	WQ-130B	143A	WR-056C	136A	WR-100C	140A	WR400	116	WS20-1b	503
WP-120C	142A	WQ-056C	136A	WQ-130C	143A	WR-056D	136A	WR1131	288	WS-100	140A	WS-100	140A
WP-120D	142A	WQ-056D	136A	WQ-130D	143A	WR-058	136A	WR-110	5074A	WRE-981	116	WS100	177
WP-125	143A	WQ-058	136A	WQ-140	144A	WR-058A	136A	WR-110A	5074A	WRE981	116	WS-100A	140A
WP-125A	143A	WQ-058A	136A	WQ-140A	144A	WR-058B	136A	WR-110B	5074A	WRE-981-21/860	5305	WS100A	177
WP-125B	143A	WQ-058B	136A	WQ-140B	144A	WR-058C	136A	WR-110C	5074A	WR1952	123A	WS100B	140A
WP-125C	143A	WQ-058C	136A	WQ-140C	144A	WR-058D	136A	WR-110D	5074A	WR1953	123A	WS100B	177
WP-125D	143A	WQ-058D	136A	WQ-140D	144A	WR-061	137A	WR-115	141A	WRR1954	123A	WS100C	140A
WP-130	143A	WQ-061	137A	WQ-150	145A	WR-061A	137A	WR-115A	141A	WRR1955	5804	WS100C	177
WP-130A	143A	WQ-061A	137A	WQ-150A	145A	WR-061B	137A	WR-115B	141A	WRR1956	5804	WS100D	140A
WP-130B	143A	WQ-061B	137A	WQ-150B	145A	WR-061C	137A	WR-115C	141A	WRR1957	102	WS-110	5074A
WP-130C	143A	WQ-061C	137A	WQ-150C	145A	WR-061D	137A	WR-115D	141A	WS-050	135A	WS-110A	5074A
WP-130D	143A	WQ-061D	137A	WQ-150D	145A	WR-063	137A	WR-120	142A	WS-050A	135A	WS-110B	5074A
WP-140	144A	WQ-063	137A	WQ-157	5075A	WR-063A	137A	WR-120A	142A	WS-050B	135A	WS-110C	5074A
WP-140A	144A	WQ-063A	137A	WQ-157A	5075A	WR-063B	137A	WR-120B	142A	WS-050C	135A	WS-110D	5074A
WP-140B	144A	WQ-063B	137A	WQ-157B	5075A	WR-063C	137A	WR-120C	142A	WS-050D	135A	WS-115	141A
WP-140C	144A	WQ-063C	137A	WQ-157C	5075A	WR-063D	137A	WR-120D	142A	WS-052	135A	WS-115A	141A
WP-140D	144A	WQ-063D	137A	WQ-157D	5075A	WR-065	137A	WR-125	143A	WS-052A	135A	WS-115B	141A
WP-150	145A	WQ-065	137A	WQ-162	5075A	WR-065A	137A	WR-125A	143A	WS-052B	135A	WS-115C	141A
WP-150A	145A	WQ-065A	137A	WQ-162A	5075A	WR-065B	137A	WR-125B	143A	WS-052C	135A	WS-115D	141A
WP-150B	145A	WQ-065B	137A	WQ-162B	5075A	WR-065C	137A	WR-125C	143A	WS-052D	135A	WS-120	142A
WP-150C	145A	WQ-065C	137A	WQ-162C	5075A	WR-065D	137A	WR-125D	143A	WS-054	136A	WS-120A	142A
WP-150D	145A	WQ-065D	137A	WQ-162D	5075A	WR-071	138A	WR-130	143A	WS-054A	136A	WS-120B	142A
WP-157	5075A	WQ-071	138A	WQ-167	5075A	WR-071A	138A	WR-130A	143A	WS-054B	136A	WS-120C	142A
WP-157A	5075A	WQ-071A	138A	WQ-167A	5075A	WR-071B	138A	WR-130B	143A	WS-054C	136A	WS-120D	142A
WP-157B	5075A	WQ-071B	138A	WQ-167B	5075A	WR-071C	138A	WR-130C	143A	WS-054D	136A	WS-125	143A
WP-157C	5075A	WQ-071C	138A	WQ-167C	5075A	WR-071D	138A	WR-130D	143A	WS-056	136A	WS-125A	143A
WP-157D	5075A	WQ-071D	138A	WQ-167D	5075A	WR-073	138A	WR-140	144A	WS-056A	136A	WS-125B	143A
WP-162	5075A	WQ-073	138A	WQ-172	5077A	WR-073A	138A	WR-140A	144A	WS-056B	136A	WS-125C	143A
WP-162A	5075A	WQ-073A	138A	WQ-172A	5077A	WR-073B	138A	WR-140B	144A	WS-056C	136A	WS-125D	143A
WP-162B	5075A	WQ-073B	138A	WQ-172B	5077A	WR-073C	138A	WR-140C	144A	WS-056D	136A	WS-130	143A
WP-162C	5075A	WQ-073C	138A	WQ-172C	5077A	WR-073D	138A	WR-140D	144A	WS-058	136A	WS-130A	143A
WP-162D	5075A	WQ-073D	138A	WQ-172D	5077A	WR-075	138A	WR-150	145A	WS-058A	136A	WS-130B	143A
WP-167	5075A	WQ-075	138A	WQ-177	5077A	WR-075A	138A	WR-150A	145A	WS-058B	136A	WS-130C	143A
WP-167A	5075A	WQ-075A	138A	WQ-177A	5077A	WR-075B	138A	WR-150B	145A	WS-058C	136A	WS-130D	143A
WP-167B	5075A	WQ-075B	138A	WQ-177B	5077A	WR-075C	138A	WR-150C	145A	WS-058D	136A	WS-140	144A
WP-167C	5075A	WQ-075C	138A	WQ-177C	5077A	WR-075D	138A	WR-150D	145A	WS-061	137A	WS-140A	144A
WP-167D	5075A	WQ-075D	138A	WQ-177D	5077A	WR-077	138A	WR-157	5075A	WS-061A	137A	WS-140B	144A
WP-172	5077A	WQ-077	138A	WQ-182	5077A	WR-077A	138A	WR-17A	5075A	WS-061B	137A	WS-140C	144A
WP-172A	5077A	WQ-077A	138A	WQ-182A	5077A	WR-077B	138A	WR-157B	5075A	WS-061C	137A	WS-140D	144A
WP-172B	5077A	WQ-077B	138A	WQ-182B	5077A	WR-077C	138A	WR-157C	5075A	WS-061D	137A	WS-150	145A
WP-172C	5077A	WQ-077C	138A	WQ-182C	5077A	WR-077D	138A	WR-157D	5075A	WS-063	137A	WS-150A	145A
WP-172D	5077A	WQ-077D	138A	WQ-182D	5077A	WR-079	5072A	WR-162	5075A	WS-063A	137A	WS-150B	145A
WP-177	5077A	WQ-079	5072A	WQ-230	5081A	WR-079A	5072A	WR-162A	5075A	WS-063B	137A	WS-150C	145A
WP-177A	5077A	WQ-079A	5072A	WQ-230A	5081A	WR-079B	5072A	WR-162B	5075A	WS-063C	137A	WS-150D	145A
WP-177B	5077A	WQ-079B	5072A	WQ-230B	5081A	WR-079C	5072A	WR-162C	5075A	WS-063D	137A	WS-167	5075A
WP-177C	5077A	WQ-079C	5072A	WQ-230C	5081A	WR-079D	5072A	WR-162D	5075A	WS-065	137A	WS-157A	5075A
WP-177D	5077A	WQ-079D	5072A	WQ-230D	5081A	WR-081	5072A	WR-167	5075A	WS-065A	137A	WS-157B	5075A
WP-182	5077A	WQ-081	5072A	WQ-240	5081A	WR-081A	5072A	WR-167A	5075A	WS-065B	137A	WS-157C	5075A
WP-182A	5077A	WQ-081A	5072A	WQ-240A	5081A	WR-081B	5072A	WR-167B	5075A	WS-065C	137A	WS-157D	5075A
WP-182B	5077A	WQ-081B	5072A	WQ-240B	5081A	WR-081C	5072A	WR-167C	5075A	WS-065D	137A	WS-167	5075A
WP-182C	5077A	WQ-081C	5072A	WQ-240C	5081A	WR-081D	5072A	WR-167D	5075A	WS-071	138A	WS-162A	5075A
WP-182D	5077A	WQ-081D	5072A	WQ-240D	5081A	WR-083	5072A	WR-172	5077A	WS-071A	138A	WS-162B	5075A
WP-230	5081A	WQ-083	5072A	WQ-250	5081A	WR-083A	5072A	WR-172A	5077A	WS-071B	138A	WS-162C	5075A
WP-230A	5081A	WQ-083A	5072A	WQ-250A	5081A	WR-083B	5072A	WR-172B	5077A	WS-071C	138A	WS-162D	5075A
WP-230B	5081A	WQ-083B	5072A	WQ-250B	5081A	WR-083C	5072A	WR-172C	5077A	WS-071D	138A	WS-167	5075A
WP-230C	5081A	WQ-083C	5072A	WQ-250C	5081A	WR-083D	5072A	WR-172D	5077A	WS-073	138A	WS-167A	5075A
WP-230D	5081A	WQ-083D	5072A	WQ-250D	5081A	WR-085	5072A	WR-177	5077A	WS-073A	138A	WS-167B	5075A
WP-240	5081A	WQ-085	5072A	WQ-260	146A	WR-085A	5072A	WR-177A	5077A	WS-073B	138A	WS-167C	5075A
WP-240A	5081A	WQ-085A	5072A	WQ-260A	146A	WR-085B	5072A	WR-177B	5077A	WS-073C	138A	WS-167D	5075A
WP-240B	5081A	WQ-085B	5072A	WQ-260B	146A	WR-085C	5072A	WR-177C	5077A	WS-073D	138A	WS-172	5077A
WP-240C	5081A	WQ-085C	5072A	WQ-260C	146A	WR-085D	5072A	WR-177D	5077A	WS-075	138A	WS-172A	5077A
WP-240D	5081A	WQ-085D	5072A	WQ-260D	146A	WR-088	5077A	WR-182	5077A	WS-075A	138A	WS-172B	5077A
WP-250	5081A	WQ-088	139A	WQ-270	146A	WR-088A	139A	WR-182A	5077A	WS-075B	138A	WS-172C	5077A
WP-250A	5081A	WQ-088A	139A	WQ-270A	146A	WR-088B	139A	WR-182B	5077A	WS-075C	138A	WS-172D	5077A
WP-250B	5081A	WQ-088B	139A	WQ-270B	146A	WR-088C	139A	WR-182C	5077A	WS-075D	138A	WS-177	5077A
WP-250C	5081A	WQ-088C	139A	WQ-270C	146A	WR-088D	139A	WR-182D	5077A	WS-077	138A	WS-177A	5077A
WP-250D	5081A	WQ-088D	139A	WQ-270D	146A	WR-090	139A	WR-200	116	WS-077A	138A	WS-177B	5077A
WP-260	146A	WQ-090	139A	WQ-290	5084A	WR-090A	139A	WR200	116	WS-077B	138A	WS-1	

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
WS-270C	146A	WT-088D	139A	WT-270	146A	WU-073D	138A	WU-172C	5077A	WV-077D	138A	WV-172A	5077A
WS-270D	146A	WT-090	139A	WT-270A	146A	WU-075	138A	WU-172D	5077A	WV-079	5077A	WV-172B	5077A
WS-290	5084A	WT-090A	139A	WT-270B	146A	WU-075A	138A	WU-177	5077A	WV-079A	5072A	WV-172C	5077A
WS-290A	5084A	WT-090B	139A	WT-270C	146A	WU-075B	138A	WU-177A	5077A	WV-079B	5072A	WV-172D	5077A
WS-290B	5084A	WT-090C	139A	WT-270D	146A	WU-075C	138A	WU-177B	5077A	WV-079C	5072A	WV-177	5077A
WS-290C	5084A	WT-090D	139A	WT-290	5084A	WU-075D	138A	WU-177C	5077A	WV-079D	5072A	WV-177A	5077A
WS-290D	5084A	WT-092	139A	WT-290A	5084A	WU-077	138A	WU-177D	5077A	WV-081	5072A	WV-177B	5077A
WS-300	5084A	WT-092A	139A	WT-290B	5084A	WU-077A	138A	WU-182	5077A	WV-081A	5072A	WV-177C	5077A
WS-300A	177	WT-092B	139A	WT-290C	5084A	WU-077B	138A	WU-182A	5077A	WV-081B	5072A	WV-177D	5077A
WS-300B	177	WT-092C	139A	WT-290D	5084A	WU-077C	138A	WU-182B	5077A	WV-081C	5072A	WV-182	5077A
WS-300C	5084A	WT-094	139A	WT-300	5084A	WU-077D	138A	WU-182C	5077A	WV-081D	5072A	WV-182A	5077A
WS-300D	177	WT-094A	139A	WT-300A	5084A	WU-079	5072A	WU-182D	5077A	WV-083	5072A	WV-182B	5077A
WS-300E	5084A	WT-094A	139A	WT-300B	5084A	WU-079A	5072A	WU-230	5081A	WV-083A	5072A	WV-182C	5077A
WS-300F	5084A	WT-094B	139A	WT-300C	5084A	WU-079B	5072A	WU-230A	5081A	WV-083B	5072A	WV-182D	5077A
WS-300G	177	WT-094C	139A	WT-300D	5084A	WU-079C	5072A	WU-230B	5081A	WV-083C	5072A	WV-230	5081A
WS-300H	5084A	WT-094D	139A	WT-330	147A	WU-079D	5072A	WU-230C	5081A	WV-083D	5072A	WV-230A	5081A
WS-330	147A	WT-098	140A	WT-330A	147A	WU-081	5072A	WU-230D	5081A	WV-085	5072A	WV-230B	5081A
WS-330A	147A	WT-098A	140A	WT-330B	147A	WU-081A	5072A	WU-240	5081A	WV-085A	5072A	WV-230C	5081A
WS-330B	147A	WT-098B	140A	WT-330C	147A	WU-081B	5072A	WU-240A	5081A	WV-085B	5072A	WV-230D	5081A
WS-330C	147A	WT-098C	140A	WT-330D	147A	WU-081C	5072A	WU-240B	5081A	WV-085C	5072A	WV-240	5081A
WS-330D	147A	WT-098D	140A	WT-340	147A	WU-081D	5072A	WU-240C	5081A	WV-085D	5072A	WV-240A	5081A
WS-340	147A	WT-16X7	113A	WT-340A	147A	WU-083	5072A	WU-240D	5081A	WV-088	139A	WV-240B	5081A
WS-340A	147A	WT-16X8	114	WT-340B	147A	WU-083A	5072A	WU-250	5081A	WV-088A	139A	WV-240C	5081A
WS-340B	147A	WT-16X9	114	WT-340C	147A	WU-083B	5072A	WU-250A	5081A	WV-088B	139A	WV-240D	5081A
WS-340C	147A	WT-16X9	114	WT-340D	147A	WU-083C	5072A	WU-250B	5081A	WV-088C	139A	WV-250	5081A
WS-340D	147A	WT-100	140A	WT-26030	5635	WU-083D	5072A	WU-250C	5081A	WV-088D	139A	WV-250A	5081A
WS-345-2	9945	WT-100A	140A	WTV3MC	160	WU-085	5072A	WU-250D	5081A	WV-090	139A	WV-250B	5081A
WSA10-98	116	WT-100B	140A	WTV6MC	160	WU-085A	5072A	WU-260	146A	WV-090A	139A	WV-250C	5081A
WSD002C	177	WT-100C	140A	WTV6PWR	121	WU-085B	5072A	WU-260A	146A	WV-090B	139A	WV-250D	5081A
WSF14	587	WT-100D	140A	WTV12MC	160	WU-085C	5072A	WU-260B	146A	WV-090C	139A	WV-260	146A
WSF34	588	WT-110	5074A	WTV12PWR	121	WU-085D	5072A	WU-260C	146A	WV-090D	139A	WV-260A	146A
WT-050	135A	WT-110A	5074A	WTV15MG	102A	WU-088	139A	WU-260D	146A	WV-092	139A	WV-260B	146A
WT-050A	135A	WT-110B	5074A	WTV15VMG	102A	WU-088A	139A	WU-270	146A	WV-092A	139A	WV-260C	146A
WT-050B	135A	WT-110C	5074A	WTV20MC	160	WU-088B	139A	WU-270A	146A	WV-092B	139A	WV-260D	146A
WT-050C	135A	WT-110D	5074A	WTV20MG	102A	WU-088C	139A	WU-270B	146A	WV-092C	139A	WV-270	146A
WT-050D	135A	WT-115	141A	WTV20VH6	102A	WU-088D	139A	WU-270C	146A	WV-092D	139A	WV-270A	146A
WT-052	135A	WT-115A	141A	WTV20VHG	102A	WU-090	139A	WU-270D	146A	WV-094	139A	WV-270B	146A
WT-052A	135A	WT-115B	141A	WTV20VMG	102A	WU-090A	139A	WU-290	5084A	WV-094A	139A	WV-270C	146A
WT-052B	135A	WT-115C	141A	WTV25PWR	121	WU-090B	139A	WU-290A	5084A	WV-094B	139A	WV-270D	146A
WT-052C	135A	WT-115D	141A	WTV30LVH	176	WU-090C	139A	WU-290B	5084A	WV-094C	139A	WV-290	5084A
WT-052D	135A	WT-120	142A	WTV30VH6	158	WU-090D	139A	WU-290C	5084A	WV-094D	139A	WV-290A	5084A
WT-054	136A	WT-120A	142A	WTV30VHG	102A	WU-092	139A	WU-290D	5084A	WV-098	140A	WV-290B	5084A
WT-054A	136A	WT-120B	142A	WTV30VLG	102A	WU-092A	139A	WU-300	5084A	WV-098A	140A	WV-290C	5084A
WT-054B	136A	WT-120C	142A	WTV30VMG	102A	WU-092B	139A	WU-300A	5084A	WV-098B	140A	WV-290D	5084A
WT-054C	136A	WT-120D	142A	WTV40PWR	121	WU-092C	139A	WU-300B	5084A	WV-098C	140A	WV-300	5084A
WT-054D	136A	WT-125	143A	WTV99PWR	105	WU-092D	139A	WU-300C	5084A	WV-098D	140A	WV-300A	5084A
WT-056	136A	WT-125A	143A	WTV129PWR	105	WU-094	139A	WU-300D	5084A	WV-098E	140A	WV-300B	5084A
WT-056A	136A	WT-125B	143A	WTV199PWR	105	WU-094A	139A	WU-300E	5084A	WV-098F	140A	WV-300C	5084A
WT-056B	136A	WT-125C	143A	WTV299PWR	105	WU-094B	139A	WU-300F	5084A	WV-098G	140A	WV-300D	5084A
WT-056C	136A	WT-125D	143A	WTVAT6	102A	WU-094C	139A	WU-300G	5084A	WV-098H	140A	WV-330	147A
WT-056D	136A	WT-130	143A	WTVAT6A	160	WU-094D	139A	WU-330D	147A	WV-098I	140A	WV-330A	147A
WT-058	136A	WT-130A	143A	WTVB5	160	WU-098	140A	WU-340	147A	WV-098J	140A	WV-330B	147A
WT-058A	136A	WT-130B	143A	WTVB5A	102A	WU-098A	140A	WU-340A	147A	WV-098K	140A	WV-330C	147A
WT-058B	136A	WT-130C	143A	WTVB6	102	WU-098B	140A	WU-340B	147A	WV-098L	140A	WV-330D	147A
WT-058C	136A	WT-130D	143A	WTVB6A	102	WU-098C	140A	WU-340C	147A	WV-098M	140A	WV-340	147A
WT-058D	136A	WT-140	144A	WTVBA6	160	WU-098D	140A	WU-340D	147A	WV-098N	140A	WV-340A	147A
WT-061	137A	WT-140A	144A	WTVBA6A	102A	WU-098E	140A	WU-340E	147A	WV-098O	140A	WV-340B	147A
WT-061A	137A	WT-140B	144A	WTVBE6	160	WU-098F	140A	WU-340F	147A	WV-098P	140A	WV-340C	147A
WT-061B	137A	WT-140C	144A	WTVBE6A	102A	WU-098G	140A	WU-340G	147A	WV-098Q	140A	WV-340D	147A
WT-061C	137A	WT-140D	144A	WTVBMC	158	WU-098H	140A	WU-340H	147A	WV-098R	140A	WV-340E	147A
WT-061D	137A	WT-150	145A	WTV-BMC	102A	WU-098I	140A	WU-340I	147A	WV-098S	140A	WV-340F	147A
WT-063	137A	WT-150A	145A	WTV-L6	101	WU-098J	140A	WU-340J	147A	WV-098T	140A	WV-340G	147A
WT-063A	137A	WT-150B	145A	WTV-L6	101	WU-098K	140A	WU-340K	147A	WV-098U	140A	WV-340H	147A
WT-063B	137A	WT-150C	145A	WTVS-A7	101	WU-098L	140A	WU-340L	147A	WV-098V	140A	WV-340I	147A
WT-063C	137A	WT-150D	145A	WTVSK7	101	WU-098M	140A	WU-340M	147A	WV-098W	140A	WV-340J	147A
WT-063D	137A	WT-157	5075A	WTVSQ7	101	WU-098N	140A	WU-340N	147A	WV-098X	140A	WV-340K	147A
WT-065	137A	WT-157A	5075A	WU-050	135A	WU-098O	140A	WU-340O	147A	WV-098Y	140A	WV-340L	147A
WT-065A	137A	WT-157B	5075A	WU-050A	135A	WU-098P	140A	WU-340P	147A	WV-098Z	140A	WV-340M	147A
WT-065B	137A	WT-157C	5075A	WU-050B	135A	WU-098Q	140A	WU-340Q	147A	WV-098AA	140A	WV-340N	147A
WT-065C	137A	WT-157D	5075A	WU-050C	135A	WU-098R	140A	WU-340R	147A	WV-098AB	140A	WV-340O	147A
WT-065D	137A	WT-162	5075A	WU-050D	135A	WU-098S	140A	WU-340S	147A	WV-098AC	140A	WV-340P	147A
WT-071	138A	WT-162A	5075A	WU-052	135A	WU-098T	140A	WU-340T	147A	WV-098AD	140A	WV-340Q	147A
WT-071A	138A	WT-162B	5075A	WU-052A	135A	WU-098U	140A	WU-340U	147A	WV-098AE	140A	WV-340R	147A
WT-071B	138A	WT-162C	5075A	WU-052B	135A	WU-098V	140A	WU-340V	147A	WV-098AF	140A	WV-340S	147A
WT-071C	138A	WT-162D	5075A	WU-052C	135A	WU-098W	140A	WU-340W	147A	WV-098AG	140A	WV-340T	147A
WT-071D	138A	WT-167	5075A	WU-052D	135A	WU-098X	140A	WU-340X	147A	WV-098AH	140A	WV-340U	147A
WT-073	138A	WT-167A	5075A	WU-054	136A	WU-098Y	140A	WU-340Y	147A	WV-098AI	140A	WV-340V	147A
WT-073A	138A	WT-167B	5075A	WU-054A	136A	WU-098Z	140A	WU-340Z	147A	WV-098AJ	140A	WV-340W	147A
WT-073B	138A	WT-167C	5075A	WU-054B	136A	WU-098AA	140A	WU-340AA	147A	WV-098AK	140A	WV-340X	147A
WT-073C	138A	WT-167D	5075A	WU-054C	136A	WU-098AB	140A	WU-340AB	147A	WV-098AL	140A	WV-340Y	147A
WT-073D	138A	WT-172	5077A	WU-054D	136A	WU-098AC	140A	WU-340AC	147A	WV-098AM	140A	WV-340Z	147A
WT-075	138A	WT-172A	5077A	WU-054E	136A								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
WW-077A	138A	WW-182A	5077A	WX-079D	5072A	WX-230C	5081A	WY-083C	5072A	WY-260	146A	WZ-110	5020A
WW-077B	138A	WW-182B	5077A	WX-081	5072A	WX-230D	5081A	WY-083D	5072A	WY-260A	146A	WZ-110	5020A
WW-077C	138A	WW-182C	5077A	WX-081A	5072A	WX-240	5081A	WY-085	5072A	WY-260B	146A	WZ-110A	5020A
WW-077D	138A	WW-182D	5077A	WX-081B	5072A	WX-240A	5081A	WY-085A	5072A	WY-260C	146A	WZ-110B	5020A
WW-079	5072A	WW-230A	5081A	WX-081C	5072A	WX-240B	5081A	WY-085B	5072A	WY-270	146A	WZ-115	5074A
WW-079A	5072A	WW-230B	5081A	WX-081D	5072A	WX-240C	5081A	WY-085C	5072A	WY-270A	146A	WZ-115A	5074A
WW-079B	5072A	WW-230C	5081A	WX-083	5072A	WX-240D	5081A	WY-085D	5072A	WY-270B	146A	WZ-120	5021A
WW-079C	5072A	WW-230D	5081A	WX-083A	5072A	WX-250	5081A	WY-088	139A	WY-270C	146A	WZ-125	5022A
WW-079D	5072A	WW-240	5081A	WX-083B	5072A	WX-250A	5081A	WY-088A	139A	WY-270D	146A	WZ-130	5022A
WW-081	5072A	WW-240A	5081A	WX-083C	5072A	WX-250B	5081A	WY-088B	139A	WY-290	5084A	WZ-135	5023A
WW-081A	5072A	WW-240B	5081A	WX-083D	5072A	WX-250C	5081A	WY-088C	139A	WY-290A	5084A	WZ-140	5023A
WW-081B	5072A	WW-240C	5081A	WX-085	5072A	WX-250D	5081A	WY-088D	139A	WY-290B	5084A	WZ-145	5024A
WW-081D	5072A	WW-240D	5081A	WX-085A	5072A	WX-260	146A	WY-090	139A	WY-290C	5084A	WZ-150	5024A
WW-083	5072A	WW-250	5081A	WX-085B	5072A	WX-260A	146A	WY-090A	139A	WY-290D	5084A	WZ-155	5025A
WW-083A	5072A	WW-250A	5081A	WX-085C	5072A	WX-260B	146A	WY-090B	139A	WY-300	5084A	WZ-162	5025A
WW-083B	5072A	WW-250B	5081A	WX-085D	5072A	WX-260C	146A	WY-090C	139A	WY-300A	5084A	WZ-167	5026A
WW-083C	5072A	WW-250C	5081A	WX-088	139A	WX-260D	146A	WY-090D	139A	WY-300B	5084A	WZ-172	5026A
WW-083D	5072A	WW-250D	5081A	WX-088A	139A	WX-270	146A	WY-092	139A	WY-300C	5084A	WZ-177	5027A
WW-085	5072A	WW-260	146A	WX-088B	139A	WX-270A	146A	WY-092A	139A	WY-300D	5084A	WZ-182	5028A
WW-085A	5072A	WW-260A	146A	WX-088C	139A	WX-270B	146A	WY-092B	139A	WY-330	147A	WZ-197	5029A
WW-085B	5072A	WW-260B	146A	WX-088D	139A	WX-270C	146A	WY-092C	139A	WY-330A	147A	WZ-197	5029A
WW-085C	5072A	WW-260C	146A	WX-090	139A	WX-270D	146A	WY-092D	139A	WY-330B	147A	WZ-210	5030A
WW-085D	5072A	WW-260D	146A	WX-090A	139A	WX-290	5084A	WY-094	139A	WY-330C	147A	WZ-220	5030A
WW-088	139A	WW-270	146A	WX-090B	139A	WX-290A	5084A	WY-094A	139A	WY-330D	147A	WZ-230	5031A
WW-088A	139A	WW-270A	146A	WX-090C	139A	WX-290B	5084A	WY-094B	139A	WY-340	147A	WZ-240	5031A
WW-088B	139A	WW-270B	146A	WX-092C	139A	WX-290C	5084A	WY-094C	139A	WY-340A	147A	WZ-240	5031A
WW-088C	139A	WW-270C	146A	WX-092D	139A	WX-290D	5084A	WY-094D	139A	WY-340B	147A	WZ-250	5032A
WW-088D	139A	WW-270D	146A	WX-094	139A	WX-300	5084A	WY-098	140A	WY-340C	147A	WZ-250	5032A
WW-090	139A	WW-290	5084A	WX-094A	139A	WX-300A	5084A	WY-098A	140A	WY-340D	147A	WZ-260	5033A
WW-090A	139A	WW-290A	5084A	WX-094B	139A	WX-300B	5084A	WY-098B	140A	WZ09	5018A	WZ-270	5033A
WW-090B	139A	WW-290B	5084A	WX-094C	139A	WX-300C	5084A	WY-098C	140A	WZ09	5018A	WZ-280	5034A
WW-090C	139A	WW-290C	5084A	WX-094D	139A	WX-300D	5084A	WY-098D	140A	WZ09	5018A	WZ-280	5034A
WW-092	139A	WW-300	5084A	WX-098	140A	WX-300A	5084A	WY-098E	140A	WZ09	5018A	WZ-290	5035A
WW-092A	139A	WW-300A	5084A	WX-098A	140A	WX-300B	5084A	WY-098F	140A	WZ09	5018A	WZ-300	5035A
WW-092B	139A	WW-300B	5084A	WX-098B	140A	WX-300C	5084A	WY-098G	140A	WZ09	5018A	WZ-310	5035A
WW-092C	139A	WW-300C	5084A	WX-098C	140A	WX-300D	5084A	WY-098H	140A	WZ09	5018A	WZ-310A	140A
WW-092D	139A	WW-300D	5084A	WX-098D	140A	WX-300E	5084A	WY-098I	140A	WZ09	5018A	WZ-320	5036A
WW-094	139A	WW-330	147A	WX-098E	140A	WX-300F	5084A	WY-098J	140A	WZ09	5018A	WZ-330	5036A
WW-094A	139A	WW-330A	147A	WX-098F	140A	WX-300G	5084A	WY-098K	140A	WZ09	5018A	WZ-340	5036A
WW-094B	139A	WW-330B	147A	WX-098G	140A	WX-300H	5084A	WY-098L	140A	WZ09	5018A	WZ-350	5037A
WW-094C	139A	WW-330C	147A	WX-098H	140A	WX-300I	5084A	WY-098M	140A	WZ09	5018A	WZ-360	5037A
WW-094D	139A	WW-330D	147A	WX-098I	140A	WX-300J	5084A	WY-098N	140A	WZ09	5018A	WZ-370	5037A
WW-098	140A	WW-340	147A	WX-098J	140A	WX-300K	5084A	WY-098O	140A	WZ09	5018A	WZ-380	5037A
WW-098A	140A	WW-340A	147A	WX-098K	140A	WX-300L	5084A	WY-098P	140A	WZ09	5018A	WZ-390	5037A
WW-098B	140A	WW-340B	147A	WX-098L	140A	WX-300M	5084A	WY-098Q	140A	WZ09	5018A	WZ-400	5037A
WW-098C	140A	WW-340C	147A	WX-098M	140A	WX-300N	5084A	WY-098R	140A	WZ09	5018A	WZ-410	5037A
WW-098D	140A	WW-340D	147A	WX-098N	140A	WX-300O	5084A	WY-098S	140A	WZ09	5018A	WZ-420	5037A
WW-100	140A	WW-6270-37	123	WX-110A	141A	WX-300P	5084A	WY-098T	140A	WZ09	5018A	WZ-430	5037A
WW-100A	140A	WX-050	135A	WX-110B	141A	WX-300Q	5084A	WY-098U	140A	WZ09	5018A	WZ-440	5037A
WW-100B	140A	WX-050A	135A	WX-110C	141A	WX-300R	5084A	WY-098V	140A	WZ09	5018A	WZ-450	5037A
WW-100C	140A	WX-050B	135A	WX-110D	141A	WX-300S	5084A	WY-098W	140A	WZ09	5018A	WZ-460	5037A
WW-100D	140A	WX-050C	135A	WX-110E	141A	WX-300T	5084A	WY-098X	140A	WZ09	5018A	WZ-470	5037A
WW-110	5074A	WX-050D	135A	WX-110F	141A	WX-300U	5084A	WY-098Y	140A	WZ09	5018A	WZ-480	5037A
WW-110A	5074A	WX-052	135A	WX-110G	141A	WX-300V	5084A	WY-098Z	140A	WZ09	5018A	WZ-490	5037A
WW-110B	5074A	WX-052A	135A	WX-110H	141A	WX-300W	5084A	WY-098A	140A	WZ09	5018A	WZ-500	5037A
WW-110C	5074A	WX-052B	135A	WX-110I	141A	WX-300X	5084A	WY-098B	140A	WZ09	5018A	WZ-510	5037A
WW-110D	5074A	WX-052C	135A	WX-110J	141A	WX-300Y	5084A	WY-098C	140A	WZ09	5018A	WZ-520	5037A
WW-115	142A	WX-052D	135A	WX-110K	141A	WX-300Z	5084A	WY-098D	140A	WZ09	5018A	WZ-530	5037A
WW-115A	142A	WX-054	136A	WX-120	142A	WX-300A	5084A	WY-098E	140A	WZ09	5018A	WZ-540	5037A
WW-115B	142A	WX-054A	136A	WX-120A	142A	WX-300B	5084A	WY-098F	140A	WZ09	5018A	WZ-550	5037A
WW-115C	142A	WX-054B	136A	WX-120B	142A	WX-300C	5084A	WY-098G	140A	WZ09	5018A	WZ-560	5037A
WW-115D	142A	WX-054C	136A	WX-120C	142A	WX-300D	5084A	WY-098H	140A	WZ09	5018A	WZ-570	5037A
WW-120	142A	WX-054D	136A	WX-120D	142A	WX-300E	5084A	WY-098I	140A	WZ09	5018A	WZ-580	5037A
WW-120A	142A	WX-056	136A	WX-120E	142A	WX-300F	5084A	WY-098J	140A	WZ09	5018A	WZ-590	5037A
WW-120B	142A	WX-056A	136A	WX-120F	142A	WX-300G	5084A	WY-098K	140A	WZ09	5018A	WZ-600	5037A
WW-120C	142A	WX-056B	136A	WX-120G	142A	WX-300H	5084A	WY-098L	140A	WZ09	5018A	WZ-610	5037A
WW-125	144A	WX-056C	136A	WX-120H	142A	WX-300I	5084A	WY-098M	140A	WZ09	5018A	WZ-620	5037A
WW-125A	144A	WX-056D	136A	WX-120I	142A	WX-300J	5084A	WY-098N	140A	WZ09	5018A	WZ-630	5037A
WW-125B	144A	WX-056E	136A	WX-120J	142A	WX-300K	5084A	WY-098O	140A	WZ09	5018A	WZ-640	5037A
WW-125C	144A	WX-056F	136A	WX-120K	142A	WX-300L	5084A	WY-098P	140A	WZ09	5018A	WZ-650	5037A
WW-125D	144A	WX-056G	136A	WX-120L	142A	WX-300M	5084A	WY-098Q	140A	WZ09	5018A	WZ-660	5037A
WW-130	144A	WX-056H	136A	WX-120M	142A	WX-300N	5084A	WY-098R	140A	WZ09	5018A	WZ-670	5037A
WW-130A	144A	WX-056I	136A	WX-120N	142A	WX-300O	5084A	WY-098S	140A	WZ09	5018A	WZ-680	5037A
WW-130B	144A	WX-056J	136A	WX-120O	142A	WX-300P	5084A	WY-098T	140A	WZ09	5018A	WZ-690	5037A
WW-130C	144A	WX-056K	136A	WX-120P	142A	WX-300Q	5084A	WY-098U	140A	WZ09	5018A	WZ-700	5037A
WW-130D	144A	WX-056L	136A	WX-120Q	142A	WX-300R	5084A	WY-098V	140A	WZ09	5018A	WZ-710	5037A
WW-140	144A	WX-056M	136A	WX-120R	142A	WX-300S	5084A	WY-098W	140A	WZ09	5018A	WZ-720	5037A
WW-140A	144A	WX-056N	136A	WX-120S	142A	WX-300T	5084A	WY-098X	140A	WZ09	5018A	WZ-730	5037A
WW-140B	144A	WX-056O	136A	WX-120T	142A	WX-300U	5084A	WY-098Y	140A	WZ09	5018A	WZ-740	5037A
WW-140C	144A	WX-056P	136A	WX-120U	142A	WX-300V	5084A	WY-098Z	140A	WZ09	5018A	WZ-750	5037A
WW-140D	144A	WX-056Q	136A	WX-120V	142A	WX-300W	5084A	WY-098A	140A	WZ09	5018A	WZ-760	5037A
WW-150	145A	WX-056R	136A	WX-120W	142A	WX-300X	5084A	WY-098B	140A	WZ09	5018A	WZ-770	5037A
WW-150A	145A												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
X0257(Gottlieb)	142A	X-1018	358	X420300740	74LS74A	XAN361	3052	XG32	158	XS-10	116
X0258(Gottlieb)	5077A	X3324G(Trans)	2410	X420300750	74LS75	XAN-361	3052	XG33	103A	XS14	108
X0259(Gottlieb)	5085A	X3324C	123A	X420300860	74LS86	XAN-362	3065	XG57002	2829	XS15	108
X0260(Gottlieb)	5812	X6661A	726	X420300930	74LS86A	XAN-362	3065	XG57002	2829	XS16	116
X0260C	1658	X19001-A	123A	X420301230	74LS123	XAN-364	3056	XHPF1299	1232	XS16A	116
X0261(Gottlieb)	519	X19001-B	128	X420301450	74LS145	XAN-381	3055	XI-548	130	XS17	116
X0262(Gottlieb)	143A	X19001-C	128	X420301560	74LS156	XAN381	3055	XI-549	175	XS17A	116
X0263(Gottlieb)	5801	X19001-D	128	X420301610	74LS161	XAN-384	3080	XI-549	102	XS18	116
X0275CE	1572	X-19002	941D	X420301830	74LS183A	XI-549	102	XI-549	102A	XS19	159
X0276CE	1570	X-19031-A	519	X420301640	74LS164	XAN-3051	3054	XJ71	160	XS21	123A
X0301(Gottlieb)	130	X-23305-3	580A	X420301750	74LS175	XAN3051	3054	XJ72	160	XS22	123A
X0302(Gottlieb)	192A	X-23305-4	580A	X420301950	74LS195A	XAN-3054	3059	XJ73	160	XS22(Rec't)	116
X0303(Gottlieb)	283	X25223	124	X420302210	74LS221	XAN3054	3059	XL-56	3011	XS23	116
X0304(Gottlieb)	172A	X330302	142A	X420302440	74LS244	XAN3054	3059	XL56	3011	XS23A	116
X0305(Gottlieb)	287	X-439623	912	X420302450	74LS245	XAN-3061	3052	XL12A	104	XS26	103A
X0306(Gottlieb)	272	X908922-001	724	X420302730	74LS273	XAN3062	3065	XN12B	104	XS30	128
X0307(Gottlieb)	291	X925940-501B	177	X420303670	74LS367	XAN-3062	3065	XN12C	104	XS31	116
X0308(Gottlieb)	287	X1022220-11	177	X420303740	74LS374	XAN3064	3066	XN12E	104	XS31	116
X0309(Gottlieb)	159	X-2408473	9914	X420303930	74LS393	XAN-3064	3066	XN12F	104	XS35	161
X0310(Gottlieb)	285	X-2408784	9951	X420305410	74LS541	XAN-3081	3055	XN-400-316-P1	123A	XS37	161
X0311(Gottlieb)	247	X7338934	175	X420500000	74LS500	XAN3081	3055	XN-400-319-P2	159	XS38	161
X0313(Gottlieb)	159	X7338935	175	X420500000	74LS500	XAN3084	3060	XNC101	103	XS38	161
X0314(Gottlieb)	287	X300071592	374	X420500040	74LS504	XAN-3084	3060	XNC101	103	XS39	161
X0320(Gottlieb)	123A	X300073360	290A	X420500080	74LS508	XB1	102	XP-2581-82	5635	XS40	107
X0321(Gottlieb)	159	X300101500	290A	X420500100	74LS10	XB1A	102A	XPS30800	124	XS40A	116
X0322(Gottlieb)	270	X300101500	290A	X420500110	74LS11	XB2	102	XQ-1N60	109	XS41	158
X0356(Gottlieb)	65101	X300100330	378	X420500320	74LS32	XB2A	102A	XQ-1S1555	177	XS104	158
X0360(Gottlieb)	6502	X300115080	290A	X420500370	74LS37	XB2B	103A + 1580P	XQ-1S1555	177	XS121	158
X0384(Gottlieb)	7407	X300117500	290A	X420500400	74LS40	XB2C	103A + 1580P	XQ-1S1555	177	XS121B	158
X0393(Gottlieb)	941M	X300117593	290A	X420500740	74LS74A	XB3	102	XQ-1S1555	177	XS121B	158
X0397(Gottlieb)	943	X301079400	254	X420501120	74LS112A	XB3A	102A	XQ-2N5062	5402	XS121B	158
X0401(Gottlieb)	4081B	X302056430	294	X440029040	928M	XB3B	102A	XQ-2N6558	171	XS121B	158
X0402(Gottlieb)	7404	X302094530	85	X440032060	7406	XB3C	102	XQ-2N6558	171	XS121B	158
X0403(Gottlieb)	7405	X302116292	373	X440032060	7406	XB3C-1	102	XQ-2S3C68	85	XS121B	158
X0403BE	5455	X302138400	294	X440032060	7406	XB4	103	XQ-2S3C68	85	XS121B	158
X0403BF	5455	X302181502	85	X440055560	978	XB5	102A	XQ-2S3C106	94	XS121B	158
X0403DE	5457	X302251600	54	X440057330	927D	XB5	102	XQ-2S3C1514	376	XS121B	158
X0403DF	5457	X302278500	85	X440063050	960	XB7	104	XQ-2SD478	375	XS121B	158
X0404(Gottlieb)	7408	X302278530	85	X440069050	961	XB7	104	XQ-2SD478	375	XS121B	158
X0406(Gottlieb)	7417	X302278593	85	X440070400	4049	XB8	121	XQ-2SD478	375	XS121B	158
X0407(Gottlieb)	7432	X302278594	85	X440073860	823	XB9	121	XQ-2SD478	375	XS121B	158
X0408(Gottlieb)	7448	X302329300	2332	X440078051	977	XB10	121	XQ-2SD478	375	XS121B	158
X0409(Gottlieb)	74154	X303088000	152	X440079120	967	XB12	128	XQ-2SD478	375	XS121B	158
X0410(Gottlieb)	74175	X303088080	152	X440095550	955M	XB13	102A	XQ-2SD478	375	XS121B	158
X0411(Gottlieb)	74LS05	X303098600	253	X440140050	960	XB13	102A	XQ-2SD478	375	XS121B	158
X0412(Gottlieb)	74H21	X320010070	519	X440150640	1680	XB102	102A	XQ-2SD478	375	XS121B	158
X0413(Gottlieb)	4049	X320010079	519	X440150790	2090	XB103	102A	XQ-2SD478	375	XS121B	158
X0414(Gottlieb)	4528B	X320010080	519	X440160660	4066B	XB104	102A	XQ-2SD478	375	XS121B	158
X0415(Gottlieb)	2021	X320010190	580	X440193050	1930	XB112	102A	XQ-2SD478	375	XS121B	158
X0417(Gottlieb)	74121	X320010240	116	X440223110	922M	XB113	102A	XQ-2SD478	375	XS121B	158
X0419(Gottlieb)	74LS139	X320010380	552	X440751880	75188	XB114	102A	XQ-2SD478	375	XS121B	158
X0420(Gottlieb)	7400	X320010390	519	X440751890	75189	XB152	145A	XQ-2SD478	375	XS121B	158
X0421(Gottlieb)	7402	X320010450	552	X440755400	1737	XB401	186	XQ-2SD478	375	XS121B	158
X0422(Gottlieb)	923D	X320010452	519	X440759820	1736	XB404	152	XQ-2SD478	375	XS121B	158
X0423(Gottlieb)	7474	X320010460	519	X440762120	1936	XB408	152	XQ-2SD478	375	XS121B	158
X0424(Gottlieb)	74C04	X320010470	519	X440762120	1936	XB413	320	XQ-2SD478	375	XS121B	158
X0425(Gottlieb)	7490	X320010480	177	X440762120	1936	XB416	152	XQ-2SD478	375	XS121B	158
X0426(Gottlieb)	7442	X330000059	5009A	X440762120	1936	XB476	152	XQ-2SD478	375	XS121B	158
X0428(Gottlieb)	74LS02	X330000070	5010T1	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0432(Gottlieb)	74LS30	X330000130	5014A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0434(Gottlieb)	74LS74A	X330000200	5023A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0437(Gottlieb)	74LS138	X330000210	5024A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0451(Gottlieb)	5426	X330000230	5032A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0452(Gottlieb)	967	X330000240	5032A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0453(Gottlieb)	923	X330000320	5000A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0459(Gottlieb)	309K	X330000342	5019T1	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0473(Gottlieb)	966	X330000422	5022A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0507(Gottlieb)	435B1	X330000442	5030A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0508(Gottlieb)	423	X330000492	5029A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0514(Gottlieb)	416	X330000522	5005A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0631(Gottlieb)	955M	X330000542	5006A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0632(Gottlieb)	740A	X330000550	5020A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X0641(Gottlieb)	291	X330000560	5073A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X1C1644	102A	X330000570	5037A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X5M6	116	X330000582	5010T1	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X13T571	6402	X330020020	5137A	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X16	109	X340040030	5304	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X16A545-7	123A	X340200010	6240	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X16A1938	123A	X340200040	6090#	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X16E3860	123A	X340300010	5314	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X16E3890	192	X340300060	5312	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X16E3960	123A	X340400030	5304	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X16N1485	123A	X340400040	166	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X18	109	X340400060	5312	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X29A829	159	X350030030	56006	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X32C5099	128	X400007801	3880	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X32C5111	128	X400040161	2128	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X37C	615A	X400082550	8255	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X37C(C)	615A	X400104162	2117	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X37C(Sharp)	615A	X400141640	2164	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X40D500	210	X420100030	7403	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X42	160	X420100060	7406	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X44H454	377	X420100070	7407	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X44H462	377	X420100160	7416	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
X45C-H06	102A	X420100170	7417	X440762120	1936	XC-049	135A	XQ-2SD478	375	XS121B	158
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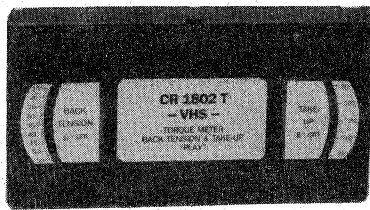
To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement		
YEAN3SK39	222	Z0401(HEP)	5066A	Z1A3.9	134A	Z2B110	5157A	Z3B120CF	5127A	Z5A10	5019T1	Z13	143A
YEAN3SK39-0	222	Z0402	134A	Z1A4.7	5009A	Z2B120	5158A	Z3B120R	5221TA	Z5A12	5021TA	Z14(Zener)	144A
YEAN3SK39-Q	221	Z0402BF	5629	Z1A8.2A	5072A	Z2B130	5113A	Z3B120R	5224AK	Z5A20	5079A	Z15	145A
YEAN3SK39Q	222	Z0402DF	5629	Z1A8.2B	5072A	Z2B150	5161A	Z3B130R	5224AK	Z5B2	5004A	Z-15	145A
YEAN3SK63	455	Z0403(HEP)	5067A	Z1A8.2B	5072A	Z2B160	5162A	Z3B150	5226AK	Z5B3.0	5004A	Z-15K	145A
YEAUPC577H	1082	Z0405(HEP)	5069A	Z1A103-018	125	Z2B180	5164A	Z3B150CF	5130A	Z5B3.3	5005A	Z15K	145A
YGS-V47-7-51	113A	Z0405BF	5629	Z1B2.7	5002A	Z2B200	5166A	Z3B150R	5224AK	Z5B3.6	5006A	Z18	5077A
YL56	3002	Z0405DF	5629	Z1B3.9	5068A	Z2B210	5167A	Z3B150R	5224AK	Z5B3.6	5006A	Z20	104
YL56	3002	Z0406	135A	Z1B3.9	5068A	Z2B210	5167A	Z3B160R	5227A	Z5B4.3	5008A	Z22	5080A
YL212	3011	Z0407	136A	Z1B3.6	134A	Z2C5.6	5117A	Z3B180	5230AK	Z5B4.7	5009A	Z24A(Zener)	5031A
YL-212	3011	Z0408	137A	Z1B3.9	5067A	Z2C5.2	5119A	Z3B180CF	5133A	Z5B5.1	5010A	Z27	146A
YL448A	3011	Z0408(HEP)	5071A	Z1B4.3	5068A	Z2C7.5	5121A	Z3B180R	5230AK	Z5B5.6	5011A	Z27-A	146A
YL448A	3011	Z0409	137A	Z1B4.7	5069A	Z2C9.1	5124A	Z3B200	5232AK	Z5B6.2	5013A	Z30(Zener)	5035A
YL450	3021	Z0409DE	5629	Z1B5.1	135A	Z2C10	5125A	Z3B200R	5232A	Z5B6.8	5014A	Z30B(Zener)	5035A
YL450	3021	Z0410	138A	Z1B5.6	136A	Z2C12	5127A	Z3B220CF	5136A	Z5B7.5	5015A	Z33	147A
YL4850	3021	Z0410BE	5629	Z1B6.2	137A	Z2C15	5130A	Z3B240CF	5137A	Z5B8.2	5016A	Z33.3B	5066A
YL4850	3021	Z0410DE	5629	Z1B6.8	5071A	Z2C15	5130A	Z3B270CF	5139A	Z5B9.1	5018A	Z39	5086A
YOD4	117A	Z0411	138A	Z1B7.1	136A	Z2C22	5133A	Z3B300CF	5142A	Z5B10	5019A	Z80A-CPUB1	3880
YR-011	116	Z0412	139A	Z1B8.2	5072A	Z2C33	5142A	Z3B560CF	5148A	Z5B11	5020A	Z80A-CPU-CS	3880
YR011	116	Z0413	140A	Z1B9.1	139A	Z2C33.9	5113A	Z3B620CF	5153A	Z5B12	5021A	Z80A-CPU-D1	3880
YSG-V47-1-3	116	Z0414	5074A	Z1B10	140A	Z2D5.6	5117A	Z3B1000CF	5156A	Z5B13	5022A	Z80A-CPU-PS	3880
YSG-V47-7-51-1	116	Z0415	145A	Z1B11	5074A	Z2D6.2	5119A	Z3.3	5068A	Z5B15	5024A	Z80A-CTCB1	3882
YSG-V47-7-51-2	116	Z0416	145A	Z1B12	142A	Z2D7.5	5121A	Z3.6	134A	Z5B-15	145A	Z80A-CTC-CS	3882
YSG-V81-2-3	178MP	Z0417	144A	Z1B13	142A	Z2D9.1	5124A	Z3.9	134A	Z5B16	5025A	Z80A-CTCD1	3882
YSG-V139-2-2	109	Z0418	145A	Z1B15	145A	Z2D10	5125A	Z3.9(Zener)	5067A	Z5B18	5027A	Z80A-CTC-PS	3882
YSG-V139-22	109	Z0419	5075A	Z1B-15	145A	Z2D12	5127A	Z4A8.2	5072A	Z5B20	5029A	Z80A-PIOB1	3881
YTS2221A	2406	Z0420	5077A	Z1B16	5075A	Z2D15	5130A	Z4B(Zener)	5007A	Z5B22	5030A	Z80A-PIO-CS	3881
YTS2222	2406	Z0421(HEP)	5079A	Z1B18	5077A	Z2D18	5133A	Z4B3.0	5065A	Z5B24	5031A	Z80A-PIOD1	3881
YTS2222A	2406	Z0422(HEP)	5080A	Z1B20	5079A	Z2D22	5136A	Z4B3.3	5066A	Z5B27	5033A	Z80A-PIO-PS	3881
YTS2222A	2406	Z0423	5081A	Z1B22	5080A	Z2D27	5139A	Z4B3.6	134A	Z5B30	5035A	Z80-CPUB1	3880
YTS2906	2407	Z0424	146A	Z1B24	5081A	Z2D33	5142A	Z4B3.9	5067A	Z5B33	5036A	Z80-CPU-CS	3880
YTS2906A	2407	Z0425	147A	Z1B27	46A	Z2D3.3	5172AK	Z4B4.3	5068A	Z5C3.3	134A	Z80-CPUD1	3880
YTS2907	2407	Z0427	5085A	Z1B27A	146A	Z2D3.3R	5172A	Z4B4.7	5069A	Z5C3.9	134A	Z80-CPU-PS	3880
YTS2907A	2407	Z0428(HEP)	5086A	Z1B30	5084A	Z2D3.6	5173AK	Z4B5.1	5116A	Z5C4.7	135A	Z80-CTCB1	3882
YTS3903	2406	Z0430(HEP)	5088A	Z1B33	147A	Z2D3.6R	5173A	Z4B5.6	136A	Z5C5.1	135A	Z80-CTC-CS	3882
YTS3904	2406	Z0432	148A	Z1C3.3	134A	Z2D3.9	5174AK	Z4B6.2	137A	Z5C5.6	136A	Z80-CTCD1	3882
YTS3905	2407	Z0433	149A	Z1C3.9	134A	Z2D3.9R	5174A	Z4B6.8	5071A	Z5C6.2	137A	Z80-CTC-PS	3882
YTS3906	2407	Z0436	150A	Z1C4.7	135A	Z2D4.3	5175AK	Z4B7.5	138A	Z5C6.8	5014A	Z80-PIOB1	3881
YTS4123	2406	Z0438(HEP)	5096A	Z1C5.1	135A	Z2D4.3R	5175A	Z4B8.2	5072A	Z5C8.2	5016A	Z80-PIO-CS	3881
YTS4123A	2406	Z0439	151A	Z1C5.6	135A	Z2D4.7	5176AK	Z4B9.1	139A	Z5C9.1	139A	Z80-PIOD1	3881
YTS4125	2407	Z0440(HEP)	5097A	Z1C6.2	137A	Z2D4.7R	5176A	Z4B10	140A	Z5C10	140A	Z80-PIO-PS	3881
YTS4126	2407	Z0442(HEP)	5100A	Z1C8.2	5016A	Z2D5.1	5177AK	Z4B12	142A	Z5C12	142A	Z82B	150A
YTS4400	2406	Z0444(HEP)	5103A	Z1C10	140A	Z2D5.1R	5177A	Z4B13	143A	Z5C15	145A	Z92	194
YTS4401	2406	Z0445(HEP)	5105A	Z1C12	142A	Z2D5.6	5177AK	Z4B15	145A	Z5C15	145A	Z101	5072A
YTS4402	2407	Z02010A(HEP)	5009A	Z1C15	145A	Z2D5.6R	5178A	Z4B15	145A	Z5C18	5027A	Z111Z	142A
YTS4403	2407	Z045.1	5010T1	Z1C15	145A	Z2D5.6	5180AK	Z4B16	5075A	Z5C20	5029A	Z-175-011	177
YV1	102A	Z0A5.6	5011T1	Z1C18	5027A	Z2D6.2R	5180A	Z4B18	5077A	Z5C22	5030A	Z430	5141A
YV1A	102A	Z0A6.2	5013T1	Z1C20	5029A	Z2D6.8	5181AK	Z4B20	5079A	Z5D3.3	134A	Z537	147A
YV2	102A	Z0A10	5019T1	Z1C22	5030A	Z2D6.8R	5181A	Z4B22	5080A	Z5D3.9	134A	Z631	149A
YZ-037	134A	Z0A12	5021T1	Z1C27	146A	Z2D7.5	5182AK	Z4B24	5081A	Z5D4.7	135A	Z694	139A
YZ037	5067A	Z0B2.7	5002A	Z1C27B	146A	Z2D7.5R	5182A	Z4B27	146A	Z5D5.1	135A	Z714	139A
YZ037-10	134A	Z0B3.0	5004A	Z1D3.3	134A	Z2D8.2	5183AK	Z4B27-9	146A	Z5D5.6	136A	Z801	137A
YZ-047	5069A	Z0B3.3	5005A	Z1D3.9	5007A	Z2D8.2R	5183A	Z4B30	5084A	Z5D6.2	137A	Z-963B	142A
YZ047	5009A	Z0B3.6	5006A	Z1D4.7	135A	Z2D8.9	5185AK	Z4B33	147A	Z5D6.8	5014A	Z1000	5005A
YZ047A	135A	Z0B3.9	5007A	Z1D5.1	135A	Z2D9.1R	5185A	Z4B36	5085A	Z5D8.2	5016A	Z1002	5007A
YZ058	136A	Z0B4.3	5008A	Z1D5.6	136A	Z2D9.1	5186AK	Z4B39	5086A	Z5D9.1	139A	Z-1004	5069A
YZ060	5071A	Z0B4.7	5069A	Z1D6.2	137A	Z2D10R	5186A	Z4B43	5087A	Z5D10	140A	Z1004	5009A
YZ-063	5013A	Z0B5.1	5010A	Z1D7.5	138A	Z2D11	5187AK	Z4B47	5088A	Z5D12	142A	Z-1006	136A
YZ063	5013A	Z0B5.6	5011A	Z1D8.2	5016A	Z2D11R	5187A	Z4B51	5089A	Z5D15	145A	Z1008	5014A
YZ065F	5014A	Z0B6.2	5013A	Z1D10	140A	Z2D12	5188AK	Z4B56	5090A	Z5D15	145A	Z-1010	138A
YZ-074	5015A	Z0B6.8	5014A	Z1D12	142A	Z2D12R	5188A	Z4B62	149A	Z5D18	5027A	Z1010	5016A
YZ-074A	5015A	Z0B7.5	5015A	Z1D15	145A	Z2D13	5189AK	Z4B68	5092A	Z5D20	5029A	Z1012	5019A
YZ-080	5072A	Z0B8.2	5016A	Z1D15	145A	Z2D13R	5189A	Z4B75	5093A	Z5D22	5030A	Z-1012	5019A
YZ080	5072A	Z0B9.1	5018A	Z1D18	5027A	Z2D15	5191AK	Z4B82	150A	Z5D91CF	5185A	Z1013A	4919
YZ-284	5083A	Z0B10	140A	Z1D20	5029A	Z2D15R	5191A	Z4B91	5095A	Z5D100CF	5186A	Z-1014	142A
YZ284	5084A	Z0B11	5020A	Z1D22	5030A	Z2D16	5192AK	Z4B100	5096A	Z5D110CF	5187A	Z1014	5021A
Z0040	568	Z0B12	142A	Z1D27	5033A	Z2D16R	5192A	Z4B110	5191A	Z5D120CF	5188A	Z-1016	145A
Z0040-UBA	568	Z0B13	5021A	Z1D27A	146A	Z2D18	5194AK	Z4B120	5097A	Z5D130CF	5189A	Z1016	5024A
Z0050	568	Z0B13	5022A	Z2A33F	5066A	Z2D18R	5194A	Z4B130	5098A	Z5D150CF	5191A	Z-1016A	145A
Z0050-UAA	568	Z0B15	5024A	Z2A36F	134A	Z2D20	5196AK	Z4B150	5100A	Z5D160CF	5192A	Z1018	5027A
Z0063	568	Z0B-15	145A	Z2A51F	135A	Z2D20R	5196A	Z4B160	5101A	Z5D180CF	5194A	Z1018(Surge Diode)	4927
Z0063-UAA	568	Z0B16	5025A	Z2A56CF	136A	Z2D22	5197AK	Z4B180	5103A	Z5D200CF	5196A	Z1020	5030A
Z0063-UAB	568	Z0B18	5027A	Z2A56F	136A	Z2D22R	5197A	Z4B200	5106A	Z5D220CF	5197A	Z1020A	4929
Z0064	568	Z0B20	5029A	Z2A62F	137A	Z2D24	5198AK	Z4C3.6	134A	Z5D240CF	5198A	Z1020A	5033A
Z0064-UAA	568	Z0B22	5030A	Z2A82F	5072A	Z2D24R	5198A	Z4C5.6	136A	Z5D270CF	5200A	Z-1022	146A
Z0065	568	Z0B24	5031A	Z2A91F	139A	Z2D27	5200AK	Z4D3.6	134A	Z5D300CF	5202A	Z-1022-3	146A
Z0069	568	Z0B27	146A	Z2A120F	142A	Z2D27R	5200A	Z4D5.6	136A	Z5D330CF	5203A	Z-1024	147A
Z0069-UAA	568	Z0B27A	146A	Z2A150F	145A	Z2D30	5202AK	Z4MW333	123A	Z5D360CF	5204A	Z1024	5036A
Z0069-UAB	568	Z0B30	5035A	Z2A150F	145A	Z2D30R	5202A	Z4X5.1A	135A	Z5D390CF	5205A	Z1024	4935
Z01-13	143A	Z0B33	5036A	Z2B3.3	5111A	Z2D33	5203AK	Z4X5.1B	135A	Z5D430CF	5206A	Z1051A	4951
Z0-12	142A	Z0C3.3	134A	Z2B3.6	5112A	Z2D33R	5203A	Z4X5.6	136A	Z5D470CF	5208A	Z-1068	4958
Z0-12A	142A	Z0C3.9	134A	Z2B3.9	5113A	Z2D36	5204AK	Z4X9.1	139A	Z5D510CF	5210A	Z1068A	4959
Z0-12B	142A	Z0C4.7	135A	Z2B4.3	5114A	Z2D36R	5204A	Z4X11	141A	Z5D560CF	5212A	Z1100	5067A
Z0-27	146A	Z0C5.1	135A	Z2B4.7	5115A	Z2D39	5205AK	Z4X12	142A	Z5D620CF	5214A	Z1100-C	5067A
Z0-27A	146A	Z0C5.6	136A	Z2B5.1	5116A	Z2D39CE	5113A	Z4X13	143A	Z5D680CF	5215A	Z-1102	5069A
Z0-27B	146A	Z0C6.2	137A	Z2B5.6	5117A	Z2B39R	5205A	Z4X1					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
Z1128	5090A	Z3530(HEP)	5212A	ZA20B	5079A	ZB1-9V	139A	ZB120	5097A	ZC10	5125A	ZCC14B	5129A
Z1130	149A	Z3534(HEP)	5217A	ZA22B	5080A	ZB1-9.5V	139A	ZB120B	5097A	ZC10B	5125A	ZCC15	5130A
Z1132	150A	Z3536(HEP)	5218A	ZA24B	5081A	ZB1-10	142A	ZB130B	5098A	ZC11B	5126A	ZCC16	5131A
Z1132	150A	Z472A	5068A	ZA26B	5082A	ZB1-11	141A	ZB150	5100A	ZC12	5127A	ZCC17B	5132A
Z1134	151A	Z4729A	134A	ZA27A	146A	ZB1-11	141A	ZB150B	5100A	ZC12B	5127A	ZCC18B	5133A
Z1140	136A	Z4730A	5067A	ZA27B	146A	ZB1-12	142A	ZB160B	5101A	ZC13B	5128A	ZCC19B	5134A
Z1140	136A	Z4731A	5068A	ZA30B	5084A	ZB1-13	143A	ZB170B	5103A	ZC14B	5129A	ZCC20B	5135A
Z1145	136A	Z4732A	5069A	ZA32B	147A	ZB1-14	144A	ZB180B	5104A	ZC15B	5130A	ZCC21B	5136A
Z1145	136A	Z4733A	5116A	ZA33A	147A	ZB1-15	145A	ZB200	5105A	ZC17B	5132A	ZCC22B	5136A
Z1150	136A	Z4734A	136A	ZA33B	147A	ZB1-15A	118	ZB200B	5105A	ZC18	5133A	ZCC24B	5137A
Z1150	136A	Z4735A	137A	ZA36B	5085A	ZB1-16	5075A	ZBC3.3B	5111A	ZC18B	5133A	ZCC25B	5138A
Z1155	136A	Z4736A	5071A	ZA39B	5086A	ZB1-16V	5075A	ZBC3.6B	5112A	ZC19B	5134A	ZCC27B	5139A
Z1155	136A	Z4737A	138A	ZA40B	5087A	ZB1-18	5077A	ZBC3.9B	5113A	ZC20B	5135A	ZCC28B	5140A
Z1160	136A	Z4738A	5072A	ZA47B	5088A	ZB1-19	5078A	ZBC4.3B	5114A	ZC22	5136A	ZCC30B	5141A
Z1160	136A	Z4739A	139A	ZA51B	5089A	ZB1-23	5081A	ZBC4.7B	5115A	ZC22B	5136A	ZCC33	5142A
Z1165	136A	Z4740A	140A	ZA56	148A	ZB1-27	146A	ZBC5.1B	5116A	ZC24B	5137A	ZCC36B	5143A
Z1165	136A	Z4741A	5074A	ZA56A	148A	ZB1-35	147A	ZBC5.6B	5117A	ZC25B	5138A	ZCC37B	5144A
Z1170	136A	Z4742A	142A	ZA57A	5090A	ZB1-35	147A	ZBC5.8B	5118A	ZC26B	5139A	ZCC43B	5145A
Z1202	5069A	Z4743A	143A	ZA62	149A	ZB1-50	5089A	ZBC6.8B	5120A	ZC27B	5139A	ZCC47B	5146A
		Z4744A	145A	ZA62A	149A	ZB1-100	5096A	ZBC7.5	5121A	ZC30B	5141A	ZCC51B	5147A
Z1212	142A	Z4745A	5075A	ZA62B	149A	ZB1-110	151A	ZBC7.5B	5121A	ZC33	5142A	ZCC56	5148A
Z1214	145A	Z4746A	5077A	ZA68B	5092A	ZB1-125	5093A	ZBC8.2B	5122A	ZC33B	5142A	ZCC56B	5148A
Z1216	5077A	Z4747A	5078A	ZA68B	5093A	ZB1-137	5098A	ZBC9.1B	5124A	ZC36B	5143A	ZCC62B	5150A
Z1216	146A	Z4748A	5080A	ZA82	150A	ZB1-12	142A	ZBC10B	5125A	ZC39B	5144A	ZCC68B	5151A
Z1222	147A	Z4749A	5081A	ZA82A	150A	ZB1-18	138A	ZBC11B	5126A	ZC43B	5145A	ZCC75B	5152A
Z1222	148A	Z4750A	146A	ZA82B	150A	ZB3.3	134A	ZBC12	5127A	ZC47B	5146A	ZCC82	5153A
Z1240	136A	Z4751A	5084A	ZA91B	5095A	ZB3.6B	5084A	ZBC12B	5127A	ZC51B	5147A	ZCC82B	5153A
Z1245	136A	Z4752A	5085A	ZA100B	5096A	ZB3.9B	134A	ZBC13B	5128A	ZC56	5148A	ZCC91B	5155A
Z1250	136A	Z4753A	5085A	ZA110	151A	ZB3.9B	5087A	ZBC14B	5129A	ZC56B	5148A	ZCC100	5156A
Z1250	136A	Z4754A	5086A	ZA110A	151A	ZB4.3B	5068A	ZBC15	5130A	ZC62B	5150A	ZCC100B	5156A
Z1255	136A	Z4755A	5087A	ZA110B	151A	ZB4.7	135A	ZBC15B	5130A	ZC68B	5151A	ZCC110B	5157A
Z1255	136A	Z4756A	5088A	ZA120B	5097A	ZB4.7B	5089A	ZBC17B	5132A	ZC75B	5152A	ZCC120	5158A
Z1260	136A	Z4757A	5089A	ZA130B	5098A	ZB5.1	135A	ZBC18	5133A	ZC82	5153A	ZCC120B	5158A
Z1260	136A	Z4758A	5090A	ZA150	166	ZB5.1B	5116A	ZBC18B	5133A	ZC82B	5153A	ZCC130B	5159A
Z1265	136A	Z4759A	149A	ZA150B	5100A	ZB5.6	136A	ZBC19B	5134A	ZC91B	5155A	ZCC140B	5160A
Z1285	136A	Z4760A	5092A	ZA160B	5101A	ZB5.6A	136A	ZBC20B	5135A	ZC100	5156A	ZCC150B	5161A
Z1270	136A	Z4761A	5093A	ZA180B	5103A	ZB5.6B	136A	ZBC22	5136A	ZC100B	5156A	ZCC160B	5162A
Z1302	5176AK	Z4762A	150A	ZA200B	5105A	ZB6.2	137A	ZBC22B	5136A	ZC120	5158A	ZCC180B	5164A
Z1304	5178AK	Z4763A	5095A	ZA29312	519	ZB6.2A	137A	ZBC24B	5137A	ZC120B	5158A	ZCC200B	5166A
		Z4764A	5096A	ZA100962E	108	ZB6.2B	137A	ZBC25B	5138A	ZC130B	5159A	ZCC3679	116
Z1310	5186A	Z5140	136A	ZA105604	102A	ZB6.8	5014A	ZBC27	5139A	ZC140(Transistor)	152	ZCC5683-0	116
Z1312	5186A	Z5141	136A	ZAC6.8B	5120A	ZB6.8B	5071A	ZBC27B	5139A	ZC140(140V Zener)	5099A	ZCSR16C	5543
Z1314	5191A	Z5142	136A	ZAC7.5	5121A	ZB7.5	138A	ZBC30B	5141A	ZC140(43.0V Zener)	5087A	ZCSR16D	5545
Z1316	5194A	Z5145	136A	ZAC7.5A	5121A	ZB7.5A	138A	ZBC33	5142A	ZC140(Zener)	5037A	ZCSR16E	5545
Z1318	5197A	Z5150	136A	ZAC7.5B	5121A	ZB8.2	5016A	ZBC33B	5142A	ZC140B	5160A	ZCSR16F	5547
Z1320	5200A	Z5150	136A	ZAC9.1	5124A	ZB9.2B	5072A	ZBC36B	5143A	ZC150B	5161A	ZCSR16G	5547
Z1322	5200A	Z5151	136A	ZAC9.1A	5124A	ZB9.1	139A	ZBC39B	5144A	ZC160B	5162A	ZCSR16H	5548
Z1324	5205A	Z5155	136A	ZAC9.1B	5124A	ZB9.1A	139A	ZBC43B	5145A	ZC200B	5166A	ZCSR16J	5548
Z1326	5208A	Z5160	136A	ZAC10	5125A	ZB9.1B	139A	ZBC47B	5146A	ZC700	610	ZD012	142A
Z1328	5212A	Z5160	136A	ZAC10A	5125A	ZB10	140A	ZBC51B	5147A	ZC702	611	ZD015	145A
Z1330	5215A	Z5165	136A	ZAC10B	5125A	ZB10A	140A	ZBC56B	5148A	ZC703	612	ZD-015	145A
Z1332	5217A	Z5168	136A	ZAC11B	5126A	ZB10B	140A	ZBC56B	5148A	ZC800	611	ZD027	146A
Z1334	5220A	Z5170	136A	ZAC12	5127A	ZB10X	140A	ZBC62B	5150A	ZC800A	611	ZD-027-3	146A
Z1336	5223A	Z5170	136A	ZAC12A	5127A	ZB11	5074A	ZBC68B	5151A	ZC802	613	ZD033	147A
Z1338	5226A	Z5240	136A	ZAC12B	5127A	ZB-11	5074A	ZBC75B	5152A	ZC802A	613	ZD3.6B	134A
Z1340	5230A	Z5240	136A	ZAC13B	5128A	ZB11A	5074A	ZBC82	5153A	ZC2010	5125A	ZD3.9	5067A
Z1540	136A	Z5245	136A	ZAC15	5130A	ZB11B	5074A	ZBC91B	5155A	ZC2012	5127A	ZD3.9B	5067A
Z1540	136A	Z5245	136A	ZAC15A	5130A	ZB12	142A	ZBC100	5156A	ZC2013	5128A	ZD4.1V	5068A
Z1545	136A	Z5250	136A	ZAC15B	5130A	ZB12A	142A	ZBC100B	5156A	ZC2015	5130A	ZD4.3	5068A
Z1545	136A	Z5250	136A	ZAC16B	5131A	ZB12B	142A	ZBC110B	5157A	ZC2016	5131A	ZD4.3B	5068A
Z1550	136A	Z5255	136A	ZAC18	5133A	ZB13	143A	ZBC120B	5158A	ZC2018	5133A	ZD4.7	5069A
Z1555	136A	Z5255	136A	ZAC18A	5133A	ZB13A	145A	ZBC120B	5158A	ZC2020	5135A	ZD4.7B	5069A
Z1555	136A	Z5260	136A	ZAC18B	5133A	ZB13B	143A	ZBC130B	5159A	ZC2022	5136A	ZD-5V	135A
Z1560	136A	Z5260	136A	ZAC20B	5135A	ZB15	145A	ZBC140B	5160A	ZC2024	5137A	ZD5.1	135A
Z1560	136A	Z5265	136A	ZAC22	5136A	ZB15A	145A	ZBC150B	5161A	ZC2027	5139A	ZD5.1A	135A
Z1565	136A	Z5265	136A	ZAC22A	5136A	ZB15A	145A	ZBC160B	5162A	ZC2030	5141A	ZD5.1B	135A
Z1565	136A	Z5270	136A	ZAC22B	5136A	ZB15B	145A	ZBC180B	5164A	ZC2033	5142A	ZD5.1V	135A
Z1570	136A	Z5270	136A	ZAC24B	5137A	ZB16	5075A	ZBC200B	5166A	ZC5008	5183A	ZD5.6	136A
Z1570	136A	Z5540	136A	ZAC27	5139A	ZB16A	5075A	ZB1-09	139A	ZC5009	5185A	ZD5.6A	136A
Z2500(HEP)	5111A	Z5540	136A	ZAC27A	5139A	ZB16B	5075A	ZB1-19	5079A	ZC5010	5186A	ZD5.6B	136A
Z2502(HEP)	5113A	Z5545	136A	ZAC27B	5139A	ZB18	5072A	ZC010	140A	ZC5011	5187A	ZD6.2	137A
Z2504(HEP)	5115A	Z5545	136A	ZAC30B	5141A	ZB18A	5077A	ZC011	5074A	ZC5012	5188A	ZD6.2A	137A
Z2506(HEP)	5117A	Z5550	136A	ZAC33	5142A	ZB18B	5077A	ZC012	142A	ZC5013	5189A	ZD6.2B	137A
Z2508(HEP)	5119A	Z5550	136A	ZAC33A	5142A	ZB20	5029A	ZC013	143A	ZC5015	5191A	ZD-6.2V	137A
Z2510(HEP)	5121A	Z5555	136A	ZAC33B	5142A	ZB20B	5079A	ZC015	145A	ZC5016	5192A	ZD6.8	5071A
Z2513(HEP)	5124A	Z5555	136A	ZAC36B	5143A	ZB22	5030A	ZC-015	145A	ZC5018	5194A	ZD6.8B	5071A
Z2514(HEP)	5125A	Z5560	136A	ZAC39B	5080A	ZB22B	5075A	ZC016	5075A	ZC5019	5196A	ZD-6.8V	5071A
Z2516(HEP)	5127A	Z5560	136A	ZAC43B	5145A	ZB24	5081A	ZC018	5077A	ZC5022	5197A	ZD7.5	138A
Z2519(HEP)	5130A	Z5565	136A	ZAC47B	5146A	ZB24A	5081A	ZC020	5079A	ZC5024	5198A	ZD7.5B	138A
Z2522(HEP)	5133A	Z5565	136A	ZAC51B	5147A	ZB24B	5081A	ZC022	5080A	ZC5027	5200A	ZD8.2	5072A
Z2525	5136A	Z5570	136A	ZAC56	5148A	ZB27	146A	ZC024	5081A	ZC5030	5202A	ZD8.2B	5072A
Z2526(HEP)	5137A	Z5570	136A	ZAC56A	5148A	ZB27-3	146A	ZC027	146A	ZC5033	5203A	ZD9.1	139A
Z2528(HEP)	5139A	Z6013A	4919	ZAC56B	5148A	ZB27A	146A	ZC027-3	146A	ZC5036	5204A	ZD9.1A	139A
Z2530	5141A	Z6018	4927	ZAC62B	5150A	ZB27A-3	146A	ZC030	5084A	ZC5039	5205A	ZD1.1B	139A
Z2531(HEP)	5142A	Z6020A	4929	ZAC68B	5151A	ZB27B	146A	ZC033	147A	ZC5043	5206A	ZD10	140A
Z2537(HEP)	5148A	Z6027A	4935	ZAC75B	5152A	ZB27B-3	146A	ZC1N34A	109	ZC5047	5208A	ZD10B	5125A
Z2542(HEP)	5153A	Z6051A	4951	ZAC82	5153A	ZB30	5084A	ZC1S358S	177	ZC5051	5210A	ZD11	5074A
Z2545(HEP)	5156A	Z6068A	4959	ZAC82A	5153A	ZB3							

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
ZD30	5084A	ZEN112	123A	ZF8.2	5072A	ZH39B	5086A	ZN7428	7428	ZNR-K470(7mm)	1V030	ZP82B	150A
ZD30B	5084A	ZEN113	123A	ZF8.2	5072A	ZH43B	5087A	ZN7430E	7430	ZNR-K470(14mm)	2V030	ZP110	151A
ZD33	147A	ZEN114	123A	ZF8.2P	5072A	ZH47B	5088A	ZN7432E	7432	ZNR-K470(5mm)	1V030	ZP110A	151A
ZD33A	147A	ZEN115	123A	ZF9.1P	139A	ZH51B	5089A	ZN7437E	7437	ZNR-K470(10mm)	2V030	ZP110B	151A
ZD33B	147A	ZEN116	199	ZF9.1P	139A	ZH56	148A	ZN7439E	7439	ZNR-K471(14mm)	2V300	ZP2013	4918
ZD36	5085A	ZEN117	229	ZF10	140A	ZH56A	148A	ZN7440E	7440	ZNR-K471(10mm)	2V300	ZP2013A	4918
ZD36A	134A	ZEN118	108	ZF10P	140A	ZH56B	5090A	ZN7441AE	7441	ZNR-K471(7mm)	1V300	ZP2018	4926
ZD36B	5085A	ZEN119	123A	ZF11	5074A	ZH62	149A	ZN7442E	7442	ZNR-K471(20mm)	524V30	ZP2018A	4926
ZD39	5086A	ZEN120	123A	ZF11P	5074A	ZH62A	149A	ZN7450E	7450	ZNR-K471(5mm)	1V300	ZP2020	4928
ZD39B	5086A	ZEN121	229	ZF12	142A	ZH62B	149A	ZN7451E	7451	ZNR-K560(14mm)	2V035	ZP2020A	4928
ZD43	5087A	ZEN122	159	ZF12A	142A	ZH68B	5092A	ZN7453E	7453	ZNR-K560(7mm)	1V035	ZP2027	4934
ZD43B	5087A	ZEN123	312	ZF12B	142A	ZH75B	5093A	ZN7454E	7454	ZNR-K560(5mm)	1V035	ZP2027A	4934
ZD47	5088A	ZEN124	221	ZF13P	143A	ZH82	150A	ZN7460E	7460	ZNR-K560(10mm)	2V035	ZP2051	4950
ZD47B	5088A	ZEN125	194	ZF13P	143A	ZH82A	150A	ZN7470E	7470	ZNR-K680(10mm)	2V040	ZP2051A	4950
ZD51	5089A	ZEN127	123A	ZF15	145A	ZH82B	150A	ZN7472E	7472	ZNR-K680(14mm)	2V040	ZP2068	4958
ZD51A	135A	ZEN128	172A	ZF15	145A	ZH91B	5095A	ZN7473E	7473	ZNR-K680(7mm)	1V040	ZP2068A	4958
ZD51B	5089A	ZEN129	6409	ZF15A	145A	ZH110	151A	ZN7474E	7474	ZNR-K680(5mm)	1V040	ZP2102K	2102
ZD56	5090A	ZEN200	124	ZF15A	145A	ZH110A	151A	ZN7475E	7475	ZNR-K681(20mm)	524V42	ZP2102Y	2102
ZD56A	5090A	ZEN201	184	ZF15B	145A	ZH110B	151A	ZN7476E	7476	ZNR-K681(10mm)	2V420	ZP2104K	2104
ZD56B	5090A	ZEN202	184	ZF15B	145A	ZH120B	5097A	ZN7482E	7482	ZNR-K681(14mm)	2V420	ZP2104Y	2104
ZD62	149A	ZEN203	185	ZF15P	145A	ZH130B	5098A	ZN7483E	7483	ZNR-K781(20mm)	524V48	ZP2114K	2114
ZD62A	149A	ZEN204	162	ZF16	5075A	ZH150B	5100A	ZN7485E	7485	ZNR-K781(10mm)	2V480	ZP2114Y	2114
ZD62B	149A	ZEN205	162	ZF16	5075A	ZH160B	5101A	ZN7486E	7486	ZNR-K781(14mm)	2V480	ZP2117K	2117
ZD68	5092A	ZEN206	185	ZF16P	5075A	ZH180B	5103A	ZN7487E	7487	ZNR-K820(7mm)	1V050	ZP2127	2127
ZD68B	5092A	ZEN207	282\$	ZF18P	5077A	ZH200B	5105A	ZN7490AE	7490	ZNR-K820(5mm)	1V050	ZP2147K	2147
ZD75	5093A	ZEN208	191	ZF18P	5077A	ZJ12	142A	ZN7491E	7491	ZNR-K820(14mm)	2V050	ZP2147Y	2147
ZD75B	5093A	ZEN209	182	ZF20	5079A	ZJ12A	142A	ZN7492AE	7492	ZNR-K820(10mm)	2V050	ZP2200	4988
ZD82	150A	ZEN210	102	ZF20P	5079A	ZJ12B	142A	ZN7493AE	7493A	ZO-12	142A	ZP2200A	4988
ZD82A	150A	ZEN211	185	ZF22	5080A	ZJ13	158	ZN7494E	7494	ZO-12A	142A	ZP24.3	5007A
ZD82B	150A	ZEN300	160	ZF22P	5080A	ZJ15	145A	ZN7495AE	7495	ZO-12B	142A	ZP3	5004A
ZD91	5095A	ZEN301	160	ZF24	5081A	ZJ15	145A	ZN7496E	7496	ZO-15	145A	ZPD3.3	5005A
ZD91A	5095A	ZEN302	158	ZF24P	5081A	ZJ15A	145A	ZN74107E	74107	ZO-15A	145A	ZPD3.6	5006A
ZD91B	5095A	ZEN303	158	ZF24P	5081A	ZJ15A	145A	ZN74121E	74121	ZO-15AC	145A	ZPD3.9	5007A
ZD100	5096A	ZEN304	158	ZF27A	146A	ZJ15B	145A	ZN74122E	74122	ZO-15B	145A	ZPD4.3	5008A
ZD100B	5096A	ZEN305	158	ZF27B	146A	ZJ15B	145A	ZN74123E	74123	ZO-15BY	145A	ZPD4.7	5009A
ZD110	151A	ZEN306	102	ZF27P	146A	ZJ27	146A	ZN74150E	74150	ZO-27	146A	ZPD5.1	5010A
ZD110A	151A	ZEN307	158	ZF30	5084A	ZJ27A	146A	ZN74151E	74151	ZO-27A	146A	ZPD5.2	5011A
ZD110B	151A	ZEN308	158	ZF30B	5084A	ZJ27B	146A	ZN74152E	74152	ZO-27B	146A	ZPD5.6	5013A
ZD120	5097A	ZEN309	102A	ZF33	147A	ZJ33	147A	ZN74153E	74153	ZO-33	147A	ZPD5.8	5014A
ZD120B	5097A	ZEN310	102A	ZF33A	147A	ZJ33A	147A	ZN74154E	74155	ZO-33A	147A	ZPD7.5	5015A
ZD130	5098A	ZEN311	126A	ZF33B	147A	ZJ33B	147A	ZN74161E	74161	ZO-33B	147A	ZPD8.2	5016A
ZD130B	5098A	ZEN312	126A	ZF33P	147A	ZJ33A	5531	ZN74163E	74163	ZO-62	149A	ZPD9.1	5018A
ZD150	5100A	ZEN313	126A	ZF33P	5068A	ZJ40	108	ZN74165E	74165	ZO-62A	149A	ZPD9.2	5019A
ZD150B	5100A	ZEN314	126A	ZF62	149A	ZJ40	108	ZN74165E	74165	ZO-62B	149A	ZPD11	5020A
ZD160	5101A	ZEN315	101	ZF62A	149A	ZJ54A	5487	ZN74166E	74166	ZO-82	150A	ZPD13	5022A
ZD180B	5101A	ZEN325	104	ZF62B	149A	ZJ54L	5487	ZN74170E	74170	ZO-82A	150A	ZPD15	5024A
ZD180	5103A	ZEN326	121	ZF62A	150A	ZJ62	149A	ZN74174E	74174	ZO-82B	150A	ZPD16	5025A
ZD180B	5103A	ZEN327	213	ZF62A	150A	ZJ62A	149A	ZN74175E	74175	ZO-10A	151A	ZPD18	5027A
ZD200	5105A	ZEN328	127	ZF62B	150A	ZJ62B	149A	ZN74180E	74180	ZO-10B	151A	ZPD20	5029A
ZD200B	5105A	ZEN329	761\$	ZF413	5068A	ZJ72	160	ZN74181E	74181	ZO-10B	151A	ZPD22	5030A
ZD2010	5125A	ZEN330	121	ZF9.1	139A	ZJ73	160	ZN74191E	74191	ZOB3.3	5066A	ZPD24	5031A
ZD2012	5125A	ZEN331	121	ZG2.7	5009A	ZJ82	134A	ZN74193E	74193	ZOB3.6	5068A	ZPD27	5033A
ZD2015	5130A	ZEN401	5806	ZG3.3	5005A	ZJ82A	150A	ZN74193E	74193	ZOB3.8	5068A	ZPD30	5036A
ZD2018	5133A	ZEN403	5878	ZG3.9	134A	ZJ82B	150A	ZN35050411	198	ZOB4.7	5069A	ZPD33	5038A
ZD2027	5139A	ZEN430	109	ZG4.7	135A	ZJ110	151A	ZN37001003	1047	ZOB5.1	135A	ZPD36	5037A
ZD2028	5136A	ZEN431	112	ZG5.6	136A	ZJ110A	151A	ZN37002001	1046	ZOB5.6	136A	ZPD39	5038A
ZD2033	512A	ZEN432	178MP	ZG6.6	5014A	ZJ110B	151A	ZN37003003	1046	ZOB5.7	137A	ZPD43	5039A
ZDP-D22-69.54	129	ZEN433	167	ZG8.2	5016A	ZJ226	5496	ZN37004002	1050	ZOB6.2	142A	ZPD47	5040A
ZDRD6.8ENZ	5014A	ZEN500	5013A	ZG9.1	139A	ZJ230	5527	ZN37007003	1109	ZOB15	145A	ZPD51	5041A
ZDT	123A	ZEN501	138A	ZG10	140A	ZJ252B	116	ZN37011002	749	ZOB-15	145A	ZPD618	5071A
ZDT10	108	ZEN502	5021A	ZG12	142A	ZL6	5012A	ZN35024712	197	ZOB20	5079A	ZPU100	5096A
ZDT11	108	ZEN503	5027A	ZG15	145A	ZM5.6	136A	ZN35050412	198	ZOB20	5079A	ZPU100	5096A
ZDT20	108	ZEN504	5033A	ZG-15	145A	ZM5.6B	136A	ZN35050511	198	ZOB27B	146A	ZPU150	5100A
ZDT21	108	ZEN505	138A	ZG15A	145A	ZM6.2B	137A	ZN35062712	198	ZOB33	147A	ZPU180	5103A
ZDT-30	108	ZEN506	143A	ZG15B	145A	ZM6.8B	5071A	ZNR9K101	601	ZOB62	149A	ZPY3.9	5067A
ZDT30	108	ZEN507	144A	ZG-15B	145A	ZM7.5B	138A	ZNR-3K471	601	ZOB82	150A	ZPY4.3	5068A
ZDT31	108	ZEN508	145A	ZG18	5027A	ZM8.2A	5072A	ZNR9K251	601	ZOB110	151A	ZPY4.7	5069A
ZDT-31	108	ZEN512	147A	ZG22	5030A	ZM8.2B	5072A	ZNR10K241U	2V150	ZOD6.2	137A	ZPY5.1	135A
ZE-1.5	109	ZEN513	5098A	ZG27	146A	ZM8.2C	5072A	ZNR-K101(14mm)	2V060	ZOD6.8	5071A	ZPY5.6	136A
ZE4.7	5009A	ZEN514	5099A	ZG27A	146A	ZM8.2D	5072A	ZNR-K101(7mm)	1V060	ZOD-15	145A	ZPY6.2	137A
ZE5.6	136A	ZEN515	5085A	ZG27B	146A	ZM9.1B	139A	ZNR-K101(5mm)	1V060	ZOD15	145A	ZPY6.8	5071A
ZE6.8	5014A	ZEN516	5137A	ZG33	147A	ZM10B	140A	ZNR-K101(10mm)	2V060	ZOD18	5027A	ZPY7.5	138A
ZE8.2	5016A	ZEN517	5141A	ZG33A	147A	ZM11B	5074A	ZNR-K121(14mm)	2V075	ZOD27	146A	ZPY8.2	5072A
ZE10	140A	ZEN601	760	ZG33B	147A	ZM12B	142A	ZNR-K121(7mm)	1V075	ZOD33	147A	ZPY9.1	139A
ZE12	142A	ZEN602	722	ZG62	149A	ZM13B	143A	ZNR-K121(5mm)	1V075	ZOD62	149A	ZPY10	140A
ZE12A	142A	ZEN603	790	ZG62A	149A	ZM14B	144A	ZNR-K121(10mm)	2V075	ZOD82	150A	ZPY11	5074A
ZE12B	142A	ZEN604	708	ZG62B	149A	ZM15B	5130A	ZNR-K151(7mm)	1V095	ZOD110	151A	ZPY12	142A
ZE-15	145A	ZEN605	712	ZG82	150A	ZM16B	5075A	ZNR-K151(14mm)	2V095	ZP2.7	5002A	ZPY13	143A
ZE15	145A	ZEN606	707	ZG82A	150A	ZM17B	5076A	ZNR-K151(5mm)	1V095	ZP3.3	5005A	ZPY15	145A
ZE-15A	145A	ZEN607	714	ZG82B	150A	ZM18B	5077A	ZNR-K151(10mm)	2V095	ZP3.9	5007A	ZPY16	5075A
ZE15A	145A	ZEN608	715	ZH6.8B	5071A	ZM19B	5078A	ZNR-K201(10mm)	2V130	ZP4.3	5068A	ZPY18	5077A
ZE15B	145A	ZEN609	739	ZH7.5B	5072A	ZM20B	5079A	ZNR-K201(7mm)	1V130	ZP4.7	5009A	ZPY20	5079A
ZE-15B	145A	ZEN900	413	ZH8.2B	5072A	ZM22B	5080A	ZNR-K201(14mm)	2V130	ZP5.1	135A	ZPY22	5080A
ZE-18	5027A	ZEN902	414	ZH9.1	139A	ZM24B	5081A	ZNR-K201(20mm)	524V13	ZP5.6	136A	ZPY24	5081A
ZE22	5030A	ZEN905	405	ZH9.1A	139A	ZM25B	5082A	ZNR-K201(5mm)	1V130	ZP6.2	137A	ZPY27	146A
ZE27	146A	ZEN907	401	ZH9.1B	139A	ZM27B	146A	ZNR-K220(5mm)	1V014	ZP6.8	5014A	ZPY30	5084A
ZE27A	146A	ZENER7-1V	138A	ZH10B	140A	ZM30B	5084A	ZNR-K220(14mm)	2V014	ZP8.2	5016A	ZPY33	147A
ZE27B	146A	ZENER-122	142A	ZH11	141A	ZM33	147A	ZNR-K220(10mm					

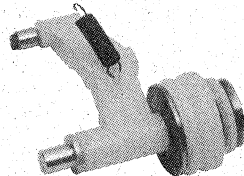
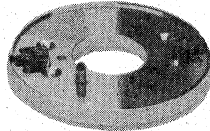
To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
ZQ27B	146A	ZS10B	116	ZSD235Y	196	ZT82A	149A	ZT2708	161	ZV27	146A		
ZQ33A	147A	ZS12	142A	ZSF4.7	5089A	ZT82B	149A	ZT2857	108	ZV27A	146A		
ZQ33B	147A	ZS12A	142A	ZSF88.2	5072A	ZT83	123A	ZT2876	152	ZV27B	146A		
ZQ62	149A	ZS12B	142A	ZT5.6	136A	ZT84	123A	ZT2938	123A	ZV33	147A		
ZQ62A	149A	ZS15	145A	ZT5.6A	136A	ZT86	128	ZT3053	192	ZV33A	147A		
ZQ62B	149A	ZS15A	145A	ZT5.6B	136A	ZT87	123A	ZT3269A	108	ZV33B	147A		
ZQ82	150A	ZS15B	145A	ZT6.2	137A	ZT88	128	ZT3375	186	ZV62	149A		
ZQ82A	150A	ZS15B	145A	ZT6.2A	137A	ZT89	123A	ZT3440	198	ZV62A	149A		
ZQ82B	150A	ZS15B	145A	ZT6.2B	137A	ZT90	128	ZT3512	128	ZV62B	149A		
ZQ108-01	712	ZS20A	116	ZT9.1A	139A	ZT93	128	ZT3600	108	ZV82	150A		
ZQ110	151A	ZS20B	116	ZT9.1B	139A	ZT94	128	ZT3866	128	ZV82A	150A		
ZQ110A	151A	ZS20B	116	ZT12	142A	ZT110	151A	ZT5.1	5010A	ZV82B	150A		
ZQ110B	151A	ZS21	116	ZT12A	142A	ZT110A	151A	ZTK33A	615A	ZV110	151A		
ZR10	5900	ZS21	116	ZT12B	142A	ZT110B	151A	ZTK33B	615A	ZV110A	151A		
ZR11	5801	ZS22	116	ZT15	145A	ZT111	123A	ZTK33BDPD	615A	ZV110B	151A		
ZR12	5802	ZS23	116	ZT15A	145A	ZT112	123A	ZTR1N60	109	ZW0-9.1	139A		
ZR13	5804	ZS23	116	ZT15B	145A	ZT113	123A	ZTR1N60	109	ZW0762	289A		
ZR14	5804	ZS24	116	ZT15B	145A	ZT114	123A	ZTR1S1555	177	ZW2	116		
ZR15	116	ZS24	116	ZT15B	145A	ZT116	123A	ZTR-A495	159	ZW2.7	5063A		
ZR20	5940	ZS25	116	ZT15B	145A	ZT117	123A	ZTR-B54	102A	ZW3.3	5066A		
ZR21	5944	ZS25	116	ZT20	123A	ZT118	123A	ZTR-B56	102A	ZW9.1	139A		
ZR22	5944	ZS27	146A	ZT20-1	123A	ZT119	123A	ZTR-C373	199	ZX070	5071A		
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ZR51B155-5	5139A	ZS31B	116	ZT22	123A	ZT181A	159	ZTX109	123AP	ZY6.8	5071A		
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ZR61	116	ZS32A	116	ZT22-12	123A	ZT182A	159	ZTX212	159	ZY8.2	5072A		
ZR62	116	ZS32A	116	ZT22-55	123A	ZT183	159	ZTX212A	159	ZY9.1	139A		
ZR63	116	ZS32B	116	ZT22A	123A	ZT183A	159	ZTX212B	159	ZY10	140A		
ZR63	116	ZS32B	116	ZT22A	123A	ZT184	159	ZTX213	159	ZY11	5074A		
ZR64	116	ZS33	147A	ZT22B	123A	ZT184A	159	ZTX213A	159	ZY12	5127A		
ZR65	116	ZS33A	147A	ZT22C	123A	ZT187	159	ZTX213B	159	ZY12A	142A		
ZR68	156	ZS33A	147A	ZT23-12	123A	ZT187A	159	ZTX214	159	ZY12B	142A		
ZR89-50	137A	ZS33B	147A	ZT23-12	123A	ZT189	159	ZTX214B	159	ZY13	143A		
ZR200	5870	ZS33B	116	ZT23A	123A	ZT190	128	ZTX214C	159	ZY15	145A		
ZR201	5874	ZS34	116	ZT23A	123A	ZT191	128	ZTX237	123AP	ZY15A	145A		
ZR202	5874	ZS34A	116	ZT23B	123A	ZT192	128	ZTX237A	123AP	ZY15A	145A		
ZR203	5878	ZS34A	116	ZT23C	123A	ZT193	128	ZTX237B	123AP	ZY15B	145A		
ZR206	5882	ZS34B	116	ZT23-55	123A	ZT202	123A	ZTX239	123AP	ZY15B	145A		
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ZR500	116	ZS40	129	ZT24-12	123A	ZT210	129	ZTX301	123AP	ZY20	5079A		
ZR590	116	ZS50	116	ZT24-55	123A	ZT211	129	ZTX302	123AP	ZY22	5080A		
ZR590A	116	ZS50	116	ZT24A	123A	ZT238	123AP	ZTX303	123AP	ZY24	5081A		
ZR590A	116	ZS51	116	ZT24B	123A	ZT238A	123AP	ZTX304	123AP	ZY27	146A		
ZR601	5801	ZS52	116	ZT24C	123A	ZT238B	123AP	ZTX310	123AP	ZY27A	146A		
ZR602	5802	ZS52	116	ZT27	146A	ZT238C	123AP	ZTX311	123AP	ZY27B	146A		
ZR604	5804	ZS53	116	ZT27A	146A	ZT280	159	ZTX312	123AP	ZY33	147A		
ZR606	5806	ZS53	116	ZT27B	146A	ZT281	159	ZTX313	108	ZY33A	147A		
ZR608	156	ZS56	158	ZT33	147A	ZT281A	159	ZTX326	316	ZY36	5085A		
ZR821-10	137A	ZS61	137A	ZT33A	147A	ZT281A	159	ZTX330	123AP	ZY39	5086A		
ZR821-20	137A	ZS62	147A	ZT33B	147A	ZT282	159	ZTX331	123AP	ZY43	5087A		
ZR821-50	137A	ZS62A	149A	ZT40	123A	ZT282A	159	ZTX332	123AP	ZY47	5088A		
ZR821-75	137A	ZS62B	149A	ZT41	123A	ZT283	159	ZTX333	123AP	ZY51	5089A		
ZR821-100	137A	ZS70	116	ZT42	123A	ZT283A	159	ZTX500	129	ZY56	5090A		
ZR821-120	137A	ZS71	116	ZT43	123A	ZT284	159	ZTX501	159	ZY56	5090A		
ZR821-150	137A	ZS71	116	ZT44	123A	ZT284A	159	ZTX502	159	ZY62	149A		
ZR823-10	137A	ZS72	116	ZT50	123A	ZT285	159	ZTX503	159	ZY62A	149A		
ZR823-20	137A	ZS73	116	ZT60	123A	ZT287	159	ZTX504	159	ZY62B	149A		
ZR823-50	137A	ZS73	116	ZT60-1	123A	ZT287A	159	ZTX510	159	ZY68	5092A		
ZR823-75	137A	ZS74	116	ZT60-12	123A	ZT402	123A	ZTX530	159	ZY75	5093A		
ZR823-100	137A	ZS74B	116	ZT60-55	123A	ZT403	123A	ZTX530A	159	ZY82	150A		
ZR823-120	137A	ZS76	116	ZT60A	123A	ZT404	123A	ZTX530B	159	ZY82A	150A		
ZR823-150	137A	ZS78	125	ZT60B	123A	ZT406	123A	ZTX530C	159	ZY82B	150A		
ZR825-20	137A	ZS78A	125	ZT60C	123A	ZT600	186	ZTX530D	159	ZY91	5095A		
ZR825-50	137A	ZS78B	125	ZT61	123A	ZT696	123A	ZTX531	159	ZY100	5096A		
ZR825-75	137A	ZS82	150A	ZT61-1	123A	ZT697	123A	ZTX531A	159	ZY110	151A		
ZR825-100	137A	ZS82A	150A	ZT61-12	123A	ZT706	123A	ZTX531B	159	ZY110A	151A		
ZR825-120	137A	ZS82B	150A	ZT61-55	123A	ZT706A	123A	ZTX651	123AP	ZY110B	151A		
ZR825-150	137A	ZS90	116	ZT61A	123A	ZT708	123A	ZU12	142A	ZY120	5097A		
ZR827-20	137A	ZS91	116	ZT61B	123A	ZT709	108	ZU15	145A	ZY130	5098A		
ZR827-50	137A	ZS92	116	ZT61C	123A	ZT917	108	ZU15A	145A	ZY150	5100A		
ZR827-75	137A	ZS94	116	ZT62	149A	ZT918	108	ZU15B	145A	ZY180	103A		
ZR827-100	137A	ZS100	116	ZT62-1	123A	ZT930	199	ZU15C	145A	ZY200	5105A		
ZR827-120	137A	ZS101	116	ZT62-15	123A	ZT1420	123A	ZU15A	145A	ZY200	5105A		
ZR827-150	137A	ZS102	116	ZT62-15	123A	ZT1479	128	ZU15B	145A	ZY200	5105A		
ZR829-75	137A	ZS103	116	ZT62A	149A	ZT1481	128	ZU15C	145A	ZY200	5105A		
ZR829-100	137A	ZS104	116	ZT62B	149A	ZT1483	152	ZU15D	145A	ZY200	5105A		
ZR829-120	137A	ZS108	116	ZT62C	123A	ZT1484	152	ZU27	146A	ZY200	5105A		
ZR1025	116	ZS110	151A	ZT63	123A	ZT1485	152	ZU27A	146A	ZY200	5105A		
ZR1025	116	ZS110A	151A	ZT63-1	123A	ZT1486	152	ZU27B	146A	ZY200	5105A		
ZR1031	116	ZS110B	151A	ZT63-12	123A	ZT1487	130	ZU33	147A	ZY200	5105A		
ZR1031	116	ZS120	116	ZT63-55	123A	ZT1488	130	ZU33A	147A	ZY200	5105A		
ZR1035	116	ZS121	116	ZT63A	123A	ZT1489	130	ZU33B	147A	ZY200	5105A		
ZR1035	116	ZS122	116	ZT63A	123A	ZT1490	130	ZU62	149A	ZY200	5105A		
ZR1076	116	ZS123	116	ZT63B	123A	ZT1511	182	ZU62A	149A	ZY200	5105A		
ZR1076	116	ZS124	116	ZT63C	123A	ZT1512	182	ZU62B	149A	ZY200	5105A		
ZR50921-1	5081A	ZS142	177	ZT64	123A	ZT1513	182	ZU82	150A	ZY200	5105A		
ZR50921-2	5071A	ZS173	116	ZT64-1	123A	ZT1613	128	ZU82A	150A	ZY200	5105A		
ZR518071-2	5130A	ZS174	116	ZT64-5	123A	ZT1700	128	ZU82B	150A	ZY200	5105A		
ZR518071-3	5142A	ZS174B	116	ZT64-12	123A	ZT1701	152	ZU110	142A	ZY200	5105A		
ZR51B155-1	5137A	ZS270	5800	ZT64-55	123A	ZT1702	130	ZU110A	151A	ZY200			

Audio and Video Products VHS/BETA



■ VCR Mechanical Replacement Parts

- Pinch Rollers
- Idler Wheel Assemblies
- Tires
- Belts



- Video Head Assemblies
- Video Test Cassettes
- Audio Test, Demagnetizer and Cleaning Cassettes
- Adjustment Tools and Test Jigs
- Lube and Cleaning Kits
- Sensor Lamps, Photo Sensitive Transistors

Ask your Philips ECG Distributor for Publications ET-2208-1, ET-2334 and ET-2345.

Cable Converters

■ 70 or 139 Channel Capability

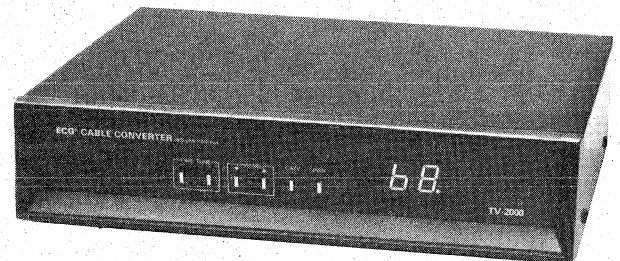
■ Infrared Remote Control

- ON/OFF
- Volume
- Channel
- Recall
- Fine Tuning
- Mute

■ Memory — Stores Up to 12 Channels

TV-1000 — 70 Channel Model

TV-2000 — 139 Channels with Volume Control



Ask your Philips ECG Distributor for Publication ET-2313.

Flameproof Resistors

The Complete Line . . .



■ Over 1000 Types

- 0.1 Ohm-100 Megohms
- 1/4 W-25 W
- 2% and 5% Tolerance

■ Film

■ Wirewound

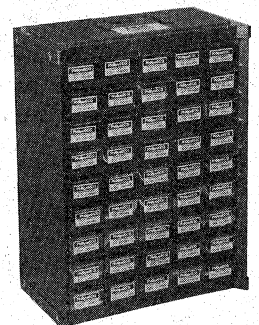
■ High Power (Ceramic Square Case)

■ Available in

- Blister Packs
- Assortments
- Kits in Cabinets
- Bulk

Take advantage of the tight tolerances and excellent stability and reliability of ECG Flameproof Resistors. And, ECG Flameproof Resistors can provide all the replacements you need without maintaining a large inventory.

Ask your Philips ECG Distributor for Publication ET-2185.



Remote Control Transmitters

82 ECG Universal Remote Controls . . .



- Replace Over 3100 Original Manufacturers' Numbers, 48 Brands
- Operate TV Sets, Cable Converters — Both Infrared and Ultrasonic Types
- All-New Construction (Not Rebuilts)
- Key Functions Closely Follow Those of Original

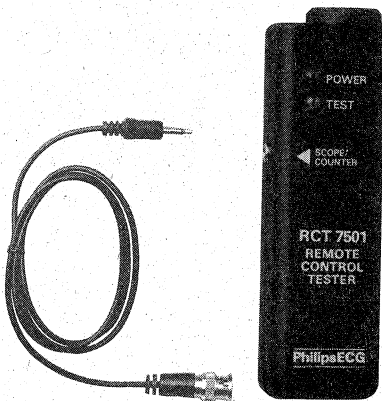
No longer is it necessary to encounter long, frustrating delays for customers while waiting for a defective unit to be serviced by the original manufacturer.

Ask your Philips ECG Distributor for Publications ET-2300 and ET-2273.

Remote Control Transmitter Testers

Universal — Test All Types

- Ultrasonic, Infrared
- TV, VCR, Cable Converter, Compact Audio/Video Disc Players . . .



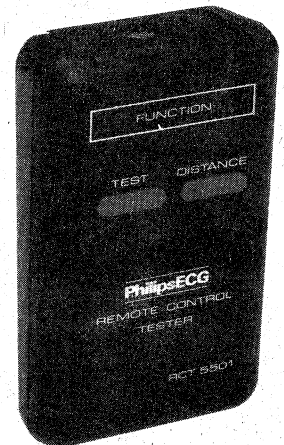
- Quick Go/No Go Function Test — Detects Transducer Output Directly Without Electrical Connections; Provides Positive LED Indication of Transmitter Output
- Verifies All Transmitter Functions
- Ideal for Field Service Calls

RCT7501

- Offers Scope/Frequency Counter Test Jack
- Includes Cable for Connecting to Scope/Counter

RCT5501

- Offers Effective Control Range Test
- RCT5501KT Kit Available to Add Scope/Frequency Counter Test Jack



Ask your Philips ECG Distributor for Publication ET-2310.

Wiring Accessories



Cable Ties — 5 Styles, 22 Sizes

- Standard ● Ultraviolet and Weather Resistance
- Screwdown ● Releaseable
- All Nylon ● Marker
- Assortment and Bulk Available

WA-1 Cable Tie Gun

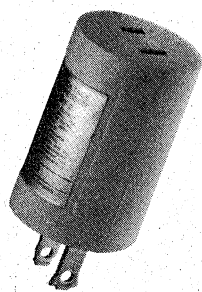
- Cinches Cable Ties Quickly and Tightly
- Works With All Common Size Ties

Ask your Philips ECG Distributor for Publication ET-2306.

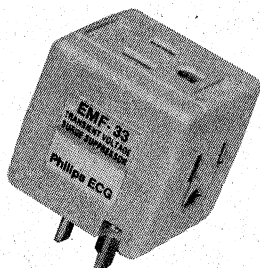
EMF™ Surge Suppressors

General Purpose Models

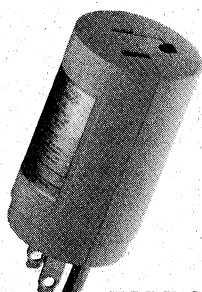
UL Approved



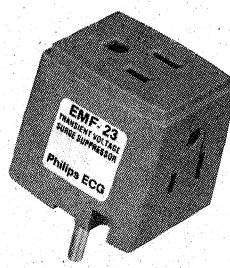
EMF-2



EMF-33



EMF-3



EMF-23



EMF-315

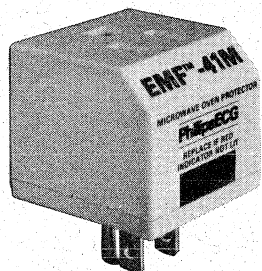
- Fast Acting MOV Protection - <5 nanosec
- Up to 80-Joule Energy Rated
- 15 A Rated with Thermal Overload Protection
- 2 and 3 Prong Models
- 1 and 3 Outlets

- Noise Filter
- LED Indicator

Ask your Philips ECG Distributor for Publication ET-2314.

Microwave Oven Protector

UL Approved



EMF-41M

- 3-Mode Surge Protection
- 114-Joule Energy Rated
- RFI Filter
- 15-Amp Rated
- Fast Acting
- LED Indicator

NEW

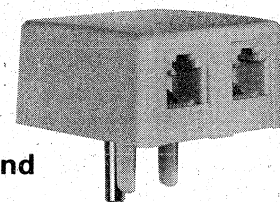
Designed specifically to protect microwave ovens and other kitchen appliances. Also filters RF noise that can cause erratic operation of timer and control panel. An excellent choice also for VCR, TV and air conditioners.

Ask your Philips ECG Distributor for Publication ET-2328.

Telephone Protector

- Protects Telephones, Modems, Answering and FAX Machines

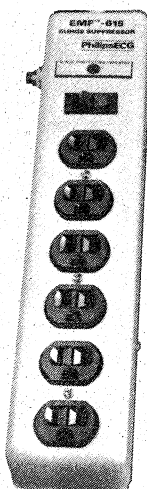
- Suppresses Transients
- Tip to Ground
- Ring to Ground
- 10 Joules Energy Rated
- Utilizes Power Line Ground
- Fast Acting - <5 nanosec
- 6-Foot Interconnecting Cable Included



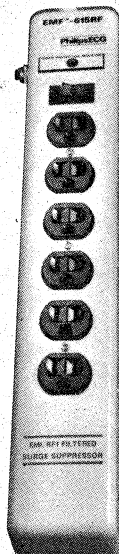
EMF-232

Power Outlet Strips

UL Approved



EMF-615
Surge Suppressor



EMF-615RF
Surge Suppressor and EMF/RFI Noise Filter

- 3-Mode Surge Suppression
 - Hot to Neutral
 - Hot to Ground
 - Ground to Neutral
- Spike Energy Absorption 100 Joules
- Nanosecond Response Time
- 15 A/120 V AC (1875 W Max.)
- Surge Protection Indicator Lamp
- Fused Surge Protection Circuit
- Illuminated Power Switch
- Resettable Circuit Breaker
- Sturdy Steel Case
- 6-Foot Power Cord

Master Power Control

UL Approved

- MASTER Outlet Controls Four Auxiliary Outlets Electronically

- 3-Mode Surge Suppression
 - Hot to Neutral
 - Hot to Ground
 - Neutral to Ground
- Spike Energy Absorption 100 Joules
- Nanosecond Response to Transient Voltage Spikes
- Power and Surge Indicator Lights
- 15 A/120 V AC, (1875 W Max.)
- Resettable Circuit Breaker
- Fused Surge Protection Circuit

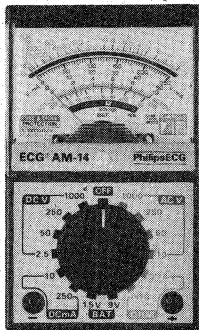


EMF-515MC

Ask your Philips ECG Distributor for Publication ET-2314.

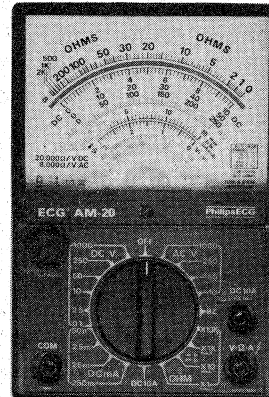
Multimeters and Accessories

AM-14 Multitester



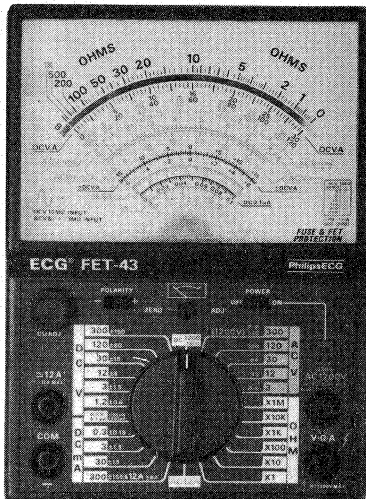
- 6 Functions, 14 Ranges
- $\pm 4\%$ Basic DC Accuracy
- 2 1/4" Mirrored Scale
- 10 K Ω /V DC, 4 K Ω /V AC Input Sensitivity
- Battery Test — 1.5 V and 9 V
- Fuse/Diode Protection

AM-20 General Purpose VOM



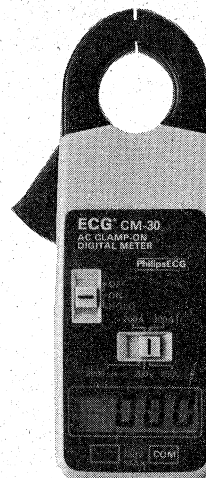
- 9 Functions, 20 Ranges
- $\pm 3\%$ Basic DC Accuracy
- 3 1/2" Mirrored Scale
- 20 K Ω /V DC, 8 K Ω /V AC Input Sensitivity
- 10-Amp DC Range
- 1000 Volts AC/DC
- Transistor I_{CEO} Test
- Diode Test (Measures V_F)
- Continuity Buzzer
- Fuse/Diode Protection

FET-43 FET Input Multimeter



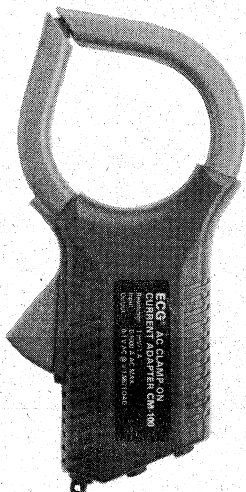
- 5 Functions, 43 Ranges
- $\pm 2.5\%$ Basic DC Accuracy
- 10 M Ω DC, 1 M Ω AC Input Res.
- 4 1/2" Mirrored Scale
- Measures Resistance to 1000 Megohms
- 1200 V AC/DC
- Overload Protection
- Zero Center Scale Adj.

CM-30 AC Clamp-On Digital Meter



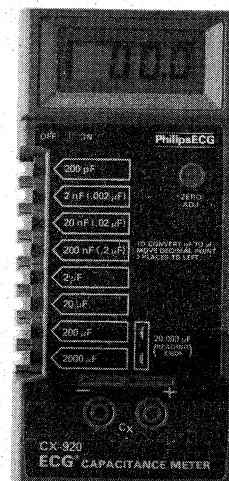
- 3 Functions, 5 Ranges
- 750/200 V AC
- 300/200 A AC
- 2000 Ohms
- Audible Continuity Test
- $\pm 2.0\%$ Basic Accuracy (1.0% Voltage Ranges)
- Data Hold
- 1" Closed Jaw Dia.
- 3 1/2 Digit LCD, 0.5" H
- Overload Protection
- Durable (Withstands 4-Foot Drop)

CM-100 AC Clamp-On Current Adapter



- Adds AC Clamp-On Current Capability to DMMs
- 0-1000 Amps AC
- Works with Most DMMs (Full Scale $\leq 1-2$ V AC)
- $\pm 2.5\%$ Basic Accuracy (0-800 A; 3.0% 800-1000 A)
- 1 mV/1 A Resolution
- 0.1 V RMS AC Output with ≥ 1 m Ω Meters
- 2.1" Jaw Opening
- Small Size
- Light Weight

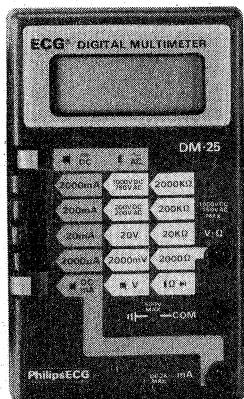
CX-920 Capacitance Meter



- 9 Ranges
- 0.1 pF to 20,000 μ F
- 0.5% Basic Accuracy
- 3 1/2 Digit LCD, 0.5" H
- Zero Adjustment
- Input Protected
- Low Battery Indicator
- Overrange Indicator

Ask your Philips ECG Distributor for Publication ET-2310 and Supplements.

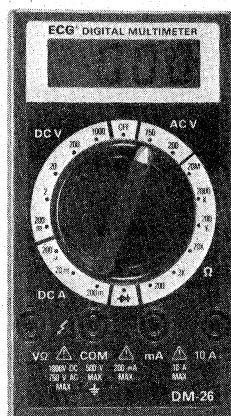
DM-25 Digital Multimeter



- 4 Functions, 14 Ranges
- 0.5% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ DC Input Res.
- Overload Protection
- RF Shielded
- Auto-Polarity
- Pocket Size

✓ Low Cost

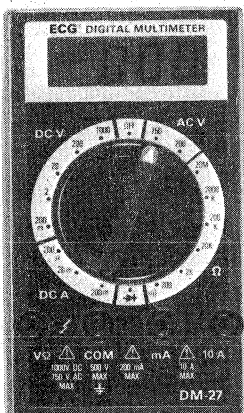
DM-26 Digital Multimeter



- 5 Functions, 17 Ranges
- 0.8% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ Input Resistance DC
- Diode Test
- 20 MΩ Full Scale
- Overload Protection
- RF Shielded

✓ Low Cost

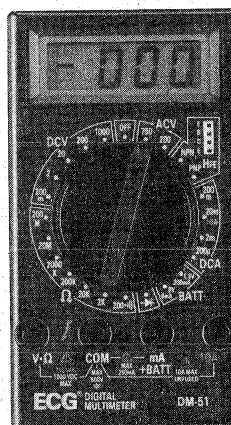
DM-27 Digital Multimeter



- 6 Functions, 17 Ranges
- 0.8% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ Input Resistance DC
- Diode Test
- Audible Continuity Test
- 20 MΩ Full Scale
- Overload Protection
- RF Shielded

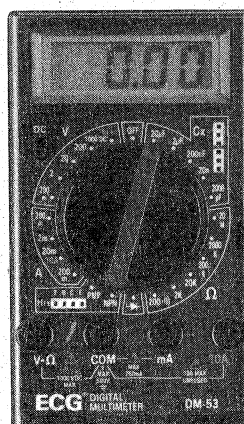
✓ Low Cost

DM-51 Digital Multimeter



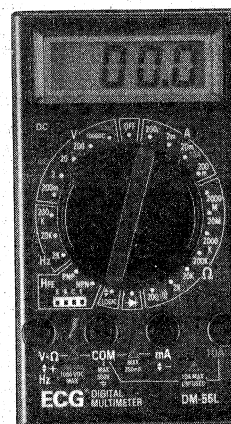
- 8 Functions, 21 Ranges
- 0.5% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ Input Impedance
- Transistor hFE Test
- Diode, Continuity Test
- Battery Tester
- 200 MΩ Full Scale
- Low Power Ohms
- Overload Protected
- RF Shielded

DM-53 Digital Multimeter



- 9 Functions, 31 Ranges
- 0.5% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ Input Impedance
- Capacitance Test
- Transistor hFE Test
- Diode, Continuity Test
- 20 MΩ Full Scale
- Low Power Ohms
- Overload Protected
- RF Shielded

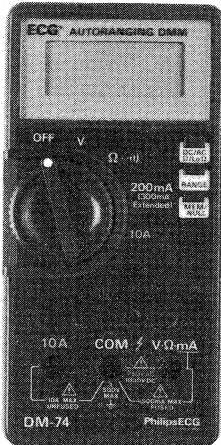
DM-55L Digital Multimeter



- 10 Functions, 30 Ranges
- 0.5% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ Input Impedance
- Logic Detector
- Frequency Counter
- Transistor hFE Test
- 2000 MΩ Full Scale
- Low Power Ohms
- Diode and Continuity Test
- Overload Protected
- RF Shielded

DM-74

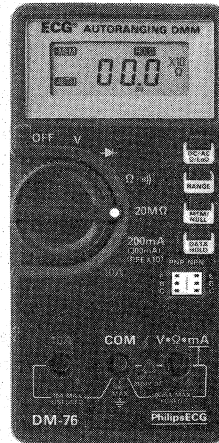
Autorange Digital Multimeter



- 7 Functions, 22 Ranges
- 0.5% Basic DC Accuracy
- 3½ Digit LCD, 0.4" H
- 10 MΩ Input Res.
- Low Power Ohms
- Continuity Beeper
- Overload Protection
- RF Shielded

DM-76

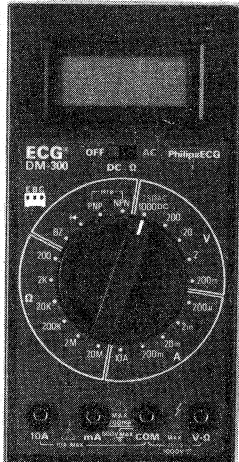
Autorange Digital Multimeter



- 10 Functions, 24 Ranges
- 0.5% Basic DC Accuracy
- 3½ Digit LCD, 0.4" H
- 10 MΩ Input Res.
- Range Indicator
- Data Hold
- Transistor hFE Test
- Diode Test (Measures Vf)
- 20 MΩ Full Scale
- Low Power Ohms
- Audible Continuity Test
- Overload Protection
- RF Shielded

DM-300

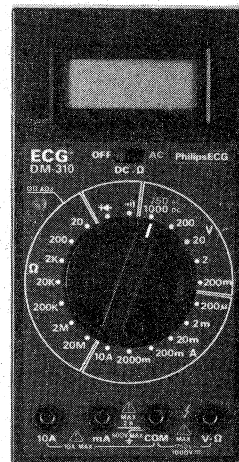
Digital Multimeter



- 8 Functions, 30 Ranges
- 0.25% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ Input Res.
- Transistor hFE Test
- Diode, Continuity Tests
- Low Power Ohms
- Overload Protection
- Gold-Plated Switch Contacts
- RF Shielded

DM-310

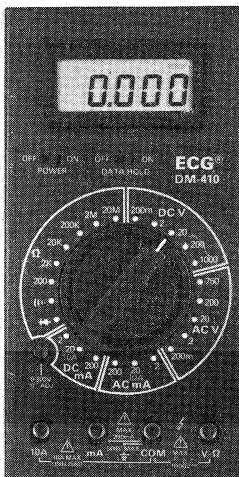
Digital Multimeter



- 7 Functions, 31 Ranges
- 0.1% Basic DC Accuracy
- 3½ Digit LCD, 0.5" H
- 10 MΩ Input Res.
- 20 Ω Full Scale w/Zero Adj.
- Diode, Continuity Tests
- Low Power Ohms
- Overload Protection
- Gold-Plated Switch Contacts
- RF Shielded

DM-410

Digital Multimeter

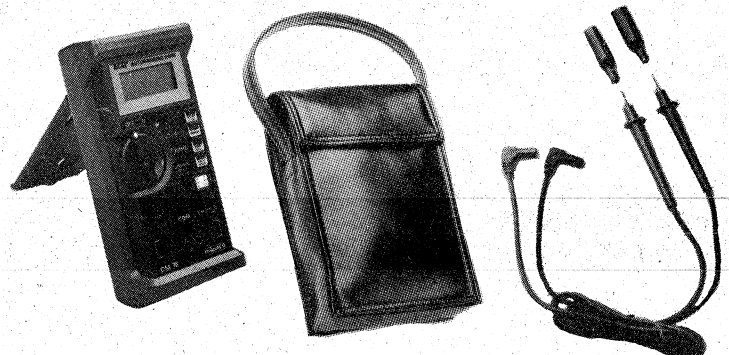


- 7 Functions, 24 Ranges
- 0.05% Basic DC Accuracy
- 4½ Digit LCD, 0.45" H
- 10 MΩ Input Impedance
- 200 MΩ Full Scale w/Zero Adj.
- Data Hold
- Diode Test
- Audible and Visual Continuity Indicators
- Overload Protection
- Gold Plated Switch Contacts
- RF Shielded

Multimeter Accessories

- Protective Holsters
- Soft Carrying Cases
- Replacement Test Lead Sets

Philips ECG offers a high quality line of optional and replacement multimeter accessories. See these fine items at your nearest Philips ECG Products Distributor.



Ask your Philips ECG Distributor for Publication ET-2310 and Supplements.

Thermometers

DT-200

Temperature Adapter



- Converts DMM to Direct Reading Thermometer
- Ranges
 - -50°C to $+1300^{\circ}\text{C}$
 - -58°F to $+2372^{\circ}\text{F}$
- $\pm 0.5\%$ Accuracy
- Up to 0.1° Resolution
- 1.0 mV DC/Degree Output with $\geq 10\text{ M}\Omega$ Meters
- C or F Switchable
- Multiple Adapter Jacks
- K-Type Thermocouple

DT-205

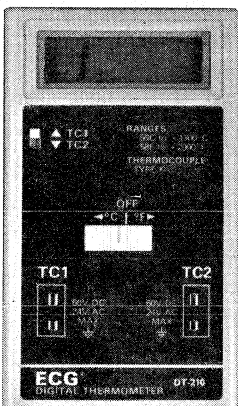
Handheld Digital Thermometer



- Pocket Size - Light Weight
- Ranges
 - -50°C to $+150^{\circ}\text{C}$
 - -58°F to $+302^{\circ}\text{F}$
- $\pm 1^{\circ}\text{C}$, $\pm 2^{\circ}\text{F}$ Accuracy
- Up to 0.1° Resolution
- $3\frac{1}{2}$ Digit LCD, $0.5''$ H
- C or F Switchable
- Built-In Retractable $3\frac{1}{2}''$ Probe
- Overrange Indicator

DT-210

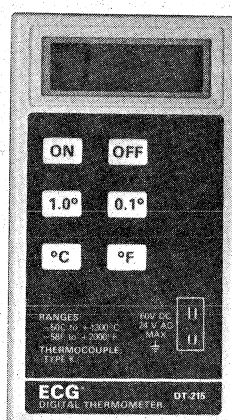
Digital Thermometer



- Dual Thermocouple Inputs
- Ranges
 - -50°C to $+1300^{\circ}\text{C}$
 - -58°F to $+2000^{\circ}\text{F}$
- 0.3% Accuracy
- $3\frac{1}{2}$ Digit LCD, $0.5''$ H
- C or F Switchable
- Overrange Indicator
- K-Type Thermocouple

DT-215

Digital Thermometer



- Touch Pad Controls
- Ranges
 - -50°C to $+1300^{\circ}\text{C}$
 - -58°F to $+2000^{\circ}\text{F}$
- 0.2% Accuracy
- $3\frac{1}{2}$ Digit LCD, $0.5''$ H
- C or F Switchable
- K-Type Thermocouple

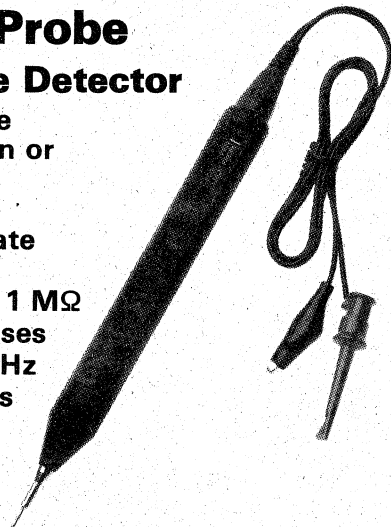
Ask your Philips ECG Distributor for Publication ET-2336.

Logic Circuit Test Probes

For Troubleshooting and Analyzing Logic Circuits

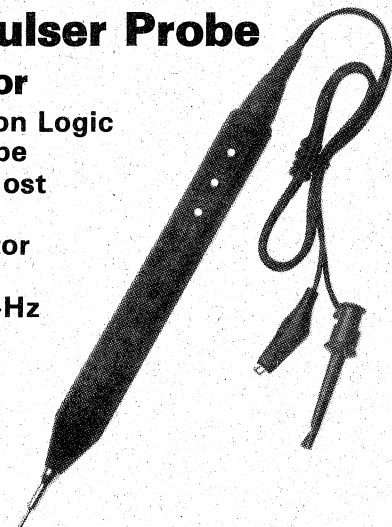
PR21 Logic Probe

- 20 MHz Pulse Detector
- Switch Selectable
 - Pulse Detection or Memory
 - TTL/CMOS
- Audible Logic State Tones
- Input Impedance $1\text{ M}\Omega$
- Detects 30-ns Pulses
- Operates to 20 MHz
- Color Coded LEDs
- Circuit Powered



PR31 Logic Pulser Probe

- Pulse Generator
- Use with Companion Logic Probe PR21 or Scope
- Compatible with Most Logic Families
- Direct Signal Injector (Square Wave)
- Switchable 0.5/400-Hz Pulse Rate
- Sources/Sinks 100 mA Pulses
- External Sync Input
- Circuit Powered



Ask your Philips ECG Distributor for Publication ET-2310.

Input/Output Modules

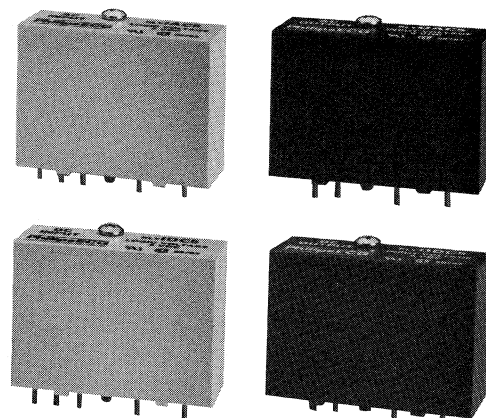
A Reliable Replacement Interface . . .



- 18 ECG Types Replace
 - 96 Industry Part Numbers
 - 13 Popular Brands
- Industry Standard, Color Coded Packages
- UL Recognized

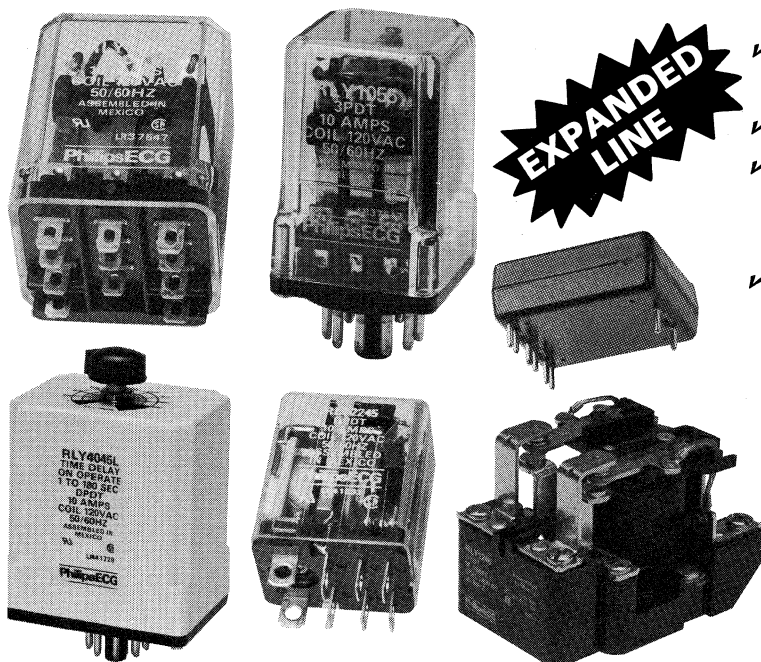
Input and output modules interface between microprocessor and computer based control systems and external power devices. They serve in a wide array of industrial MRO and commercial applications:

- | | |
|----------------------------|----------------------------|
| ● Programmable Controllers | ● Energy Management |
| ● Robotics | ● Telecommunications |
| ● Elevator Controls | ● Automatic Test Equipment |
| ● Business Machines | ● Security Systems |
| ● Process Controls | ● Machine Control |



Ask your Philips ECG Distributor for Publication ET-2342

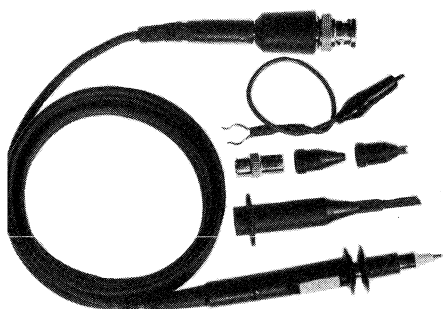
Relays and Accessories



- ✓ Nearly 300 TYPES in Newly Expanded ECG Line
- ✓ Over 100 NEW TYPES Added
- ✓ REPLACEMENTS FOR OVER
 - 10,000 Part Numbers
 - 115 Different Brands
- ✓ Expanded Catalog/Cross Reference
- **Electromechanical Relays** — General purpose, heavy-duty power, miniature heavy-duty power, PC mountable, PC mountable subminiature, magnetic latching.
- **Reed Relays**
- **Solid State Relays**
- **Time Delay Relays** — Both delay on operate and release types, interval ON delay, repeat cycle timers
- **Accessories** — A diversity of sockets provides mounting for pin, blade and solder terminal relay types. A DIN rail mounting system is also provided.

Ask your Philips ECG Distributor for Publication ET-2304-1

Oscilloscope Probes



PR200A
200 MHz Bandwidth

- Compatible with Popular Scopes
- Switchable X1, X10 and Ground Reference
- Stable Calibration
- Ground Clip Rotates 360°
- 5' Flexible Cable
- Pin Point Probe Tip

Ask your Philips ECG Distributor for Publication ET-2310



PR60
60 MHz Bandwidth

ECG® Product Literature . . .

- Audio/Video Products
- Cable Converters
- EMF™ Surge Suppressors
- Flameproof Resistors
- Input/Output Modules
- Logic Circuit Test Probes
- Multimeters and Accessories
- Oscilloscope Test Probes
- Power Outlet Strips
- Relays and Accessories
- Remote Control Transmitters
- Remote Control Testers
- Thermometers
- VCR Mechanical Replacement Parts
- Wiring Accessories

**SEE PAGES 3-1
through 3-8**

Linear IC Manuals

Electrical and mechanical specifications, plus application data/circuits. Master index and selector guide included in each volume.

Volume 1-992 pages, over 275 types; ET1345

Volume 2-768 pages, over 200 types; ET2176

Volume 3-744 pages, over 180 types; ET2191.



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