

TX-W36D3DP Service Manual

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Service Support

Service and repair of this product is supported by Panasonic's LUCI interface.

This interface provides a link between the TV and a standard PC to allow a number of diagnostic and control functions to be performed.

For more details contact your local Panasonic company.


BACK

EXIT

B2 - PCB

C - PCB

D2 - PCB

E - PCB

F - PCB

G - PCB

H - PCB

J - PCB

K - PCB

L - PCB

M3 - PCB

N - PCB

P - PCB

S - PCB

Y - PCB



BACK

Video / Audio

Control

Dolby



BACK

B2 - Schematic

C - Schematic

D2 - Schematic

E - Schematic

F - Schematic

G - Schematic

H - Schematic

J - Schematic

K - Schematic

L - Schematic

M3 - Schematic

N - Schematic

P - Schematic

S - Schematic

Y - Schematic



BACK

Service Manual

Colour Television

TX-W36D3DP

EURO-3HWS Chassis



Specifications

Power Source : 220 – 240 V AC, 50Hz

Power Consumption : 239W

Aerial Impedance : 75Ω unbalanced, Coaxial Type

Receiving System : PAL I
PAL 60, M.NTSC, NTSC (AV Only)

Receiving Channels : UHF E21 – E69

Intermediate Frequency :
Video 39.5MHz
Sound 33.5MHz, 32.95MHz
Colour 35.07MHz

Video / Audio Terminals :

DOLBY SURROUND OUT Audio (RCA x 5) 500 mV rms 1kΩ

AV1 IN Video (21 pin) 1 Vp-p 75Ω
Audio (21 pin) 500 mV rms 10kΩ
RGB (21 pin)

AV1 OUT Video (21 pin) 1 Vp-p 75Ω
Audio (21 pin) 500 mV rms 1kΩ

AV2 IN Video (21 pin) 1 Vp-p 75Ω
Audio (21 pin) 500 mV rms 10
kΩ
S-Video IN Y : 1 Vp-p 75Ω
(21 pin) C : 0.3 Vp-p 75Ω

AV2 OUT Video (21 pin) 1 Vp-p 75Ω
Audio (21 pin) 500 mV rms 1kΩ
Selectable output (21 pin)

AV3 IN S-Video IN Y : 1 Vp-p 75Ω
(4-pin) C : 0.3 Vp-p 75Ω
Audio (RCA x 2) 500 mV rms 10kΩ
Video (RCA x 1) 1 Vp-p 75Ω

AV4 IN Video (21 pin) 1 Vp-p 75Ω
Audio (21 pin) 500 mV rms 10kΩ

AV4 OUT Video (21 pin) 1 Vp-p 75Ω
Audio (21 pin) 500 mV rms 1kΩ

High Voltage : 31 kV ± 1kV

Picture Tube : W86KYP881X05
106° deflection

Audio Output :

2 x 20W (Left/Right)(Music Power)
14W (Centre built-in)(Music Power)
2 x 15W (Surround)(Music Power)
20W (External)(Music Power)
8 Ω Impedance

Headphones 8 Ω Impedance

Accessories supplied : Remote Control
2 x R6 (UM3) Batteries
TS-500DP TV Stand/Speakers

Dimensions : Height : 618.5mm
Width : 894mm
Depth : 578.5mm

Net Weight : 73.4kg

Specifications are subject to change without notice.
Weight and dimensions shown are approximate.

NOTE : This service manual should be used in conjunction
with the EURO 3 and Dolby technical guides.

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SAFETY PRECAUTIONS

General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
2. When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
4. When the receiver is not being used for a long period of time, unplug the power cord from the AC outlet.
5. Potentials as high as 32kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture to the chassis before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

5. Reverse the AC plug at the outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 1.4 Vrms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs of the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis the reading should be between 4M ohm and 20M ohm. When the exposed metal does not have a return path to the chassis the reading must be infinite.

LEAKAGE CURRENT HOT CHECK

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 2kΩ 10W resistor in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter with high impedance to measure the potential across the resistor.
4. Check each exposed Metallic part and check the voltage at each point.

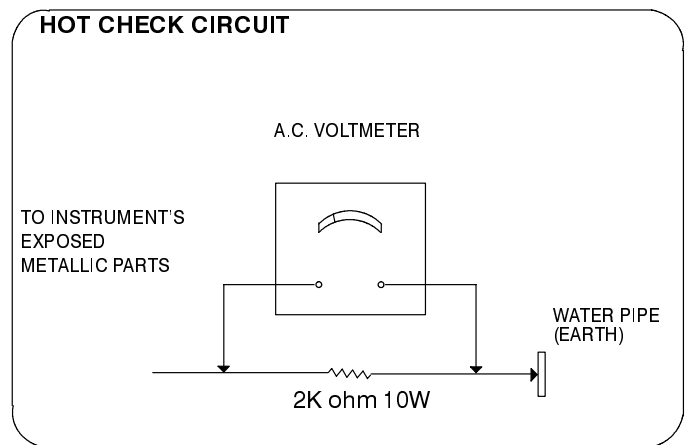


Fig.1

X-RADIATION WARNING

1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
2. When using a picture tube test jig for service ensure that the jig is capable of handling 32kV without causing X-Radiation.

NOTE : It is important to use an accurate periodically calibrated high voltage meter.

1. Set the brightness to minimum.
2. Measure the high voltage. The meter should indicate 31kV ± 1kV if the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
3. To prevent any X-Radiation possibility, it is essential to use the specified tube.

Location Of Controls

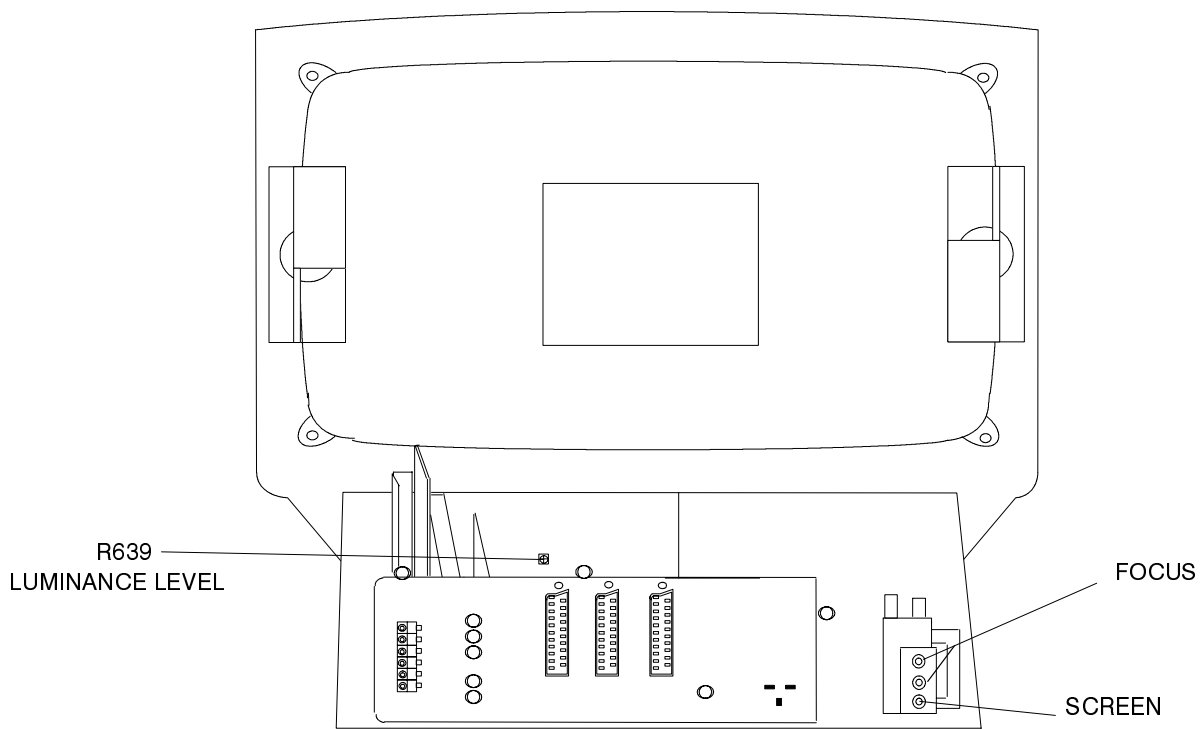


Fig.2

SERVICE HINTS

How to remove the rear cover

1. Remove the 10 screws (A) as shown in Fig.3/Fig.4.

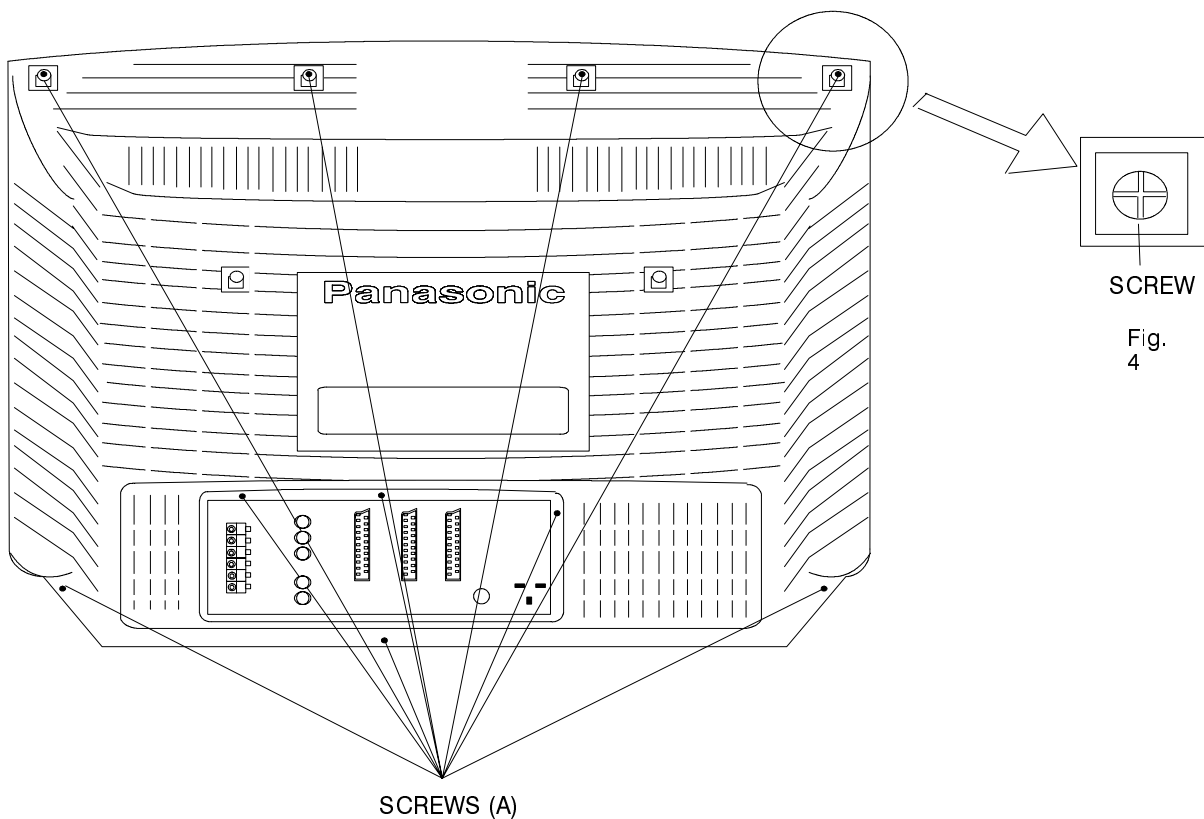


Fig.3.

Fig. 4

How to move the chassis into the Service position

1. Remove E.H.T. cable supporting clip (A) and re-affix to position (B)
2. Hold and lift the rear of the E- PCB chassis and gently pull the chassis toward you.
3. Release the respective wiring clips and turn the chassis through 90°, clockwise.
4. Clip the chassis onto the E.H.T. cable supporting clip (B) shown in Fig.5.
5. After servicing, replace E.H.T. cable supporting clip into position (A), and ensure all wiring is returned to its original position before returning the receiver to the customer.

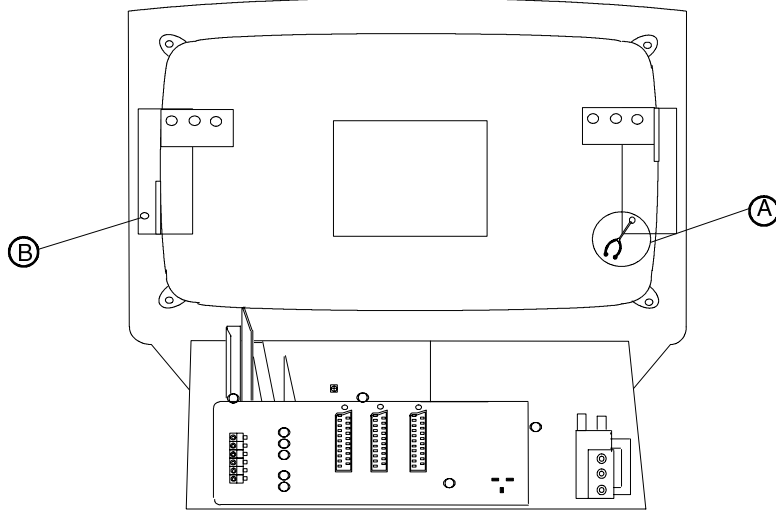


Fig.5

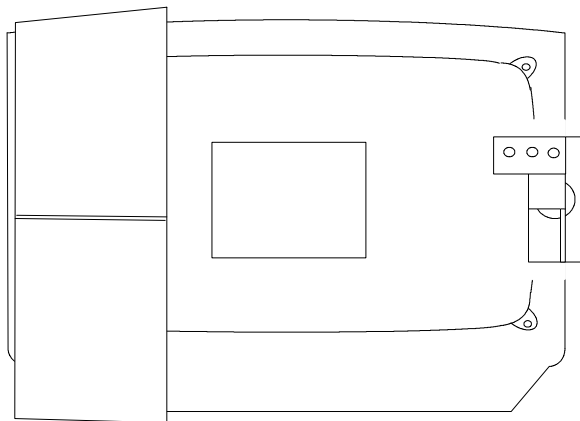


Fig.6

Service Position for the K-Board

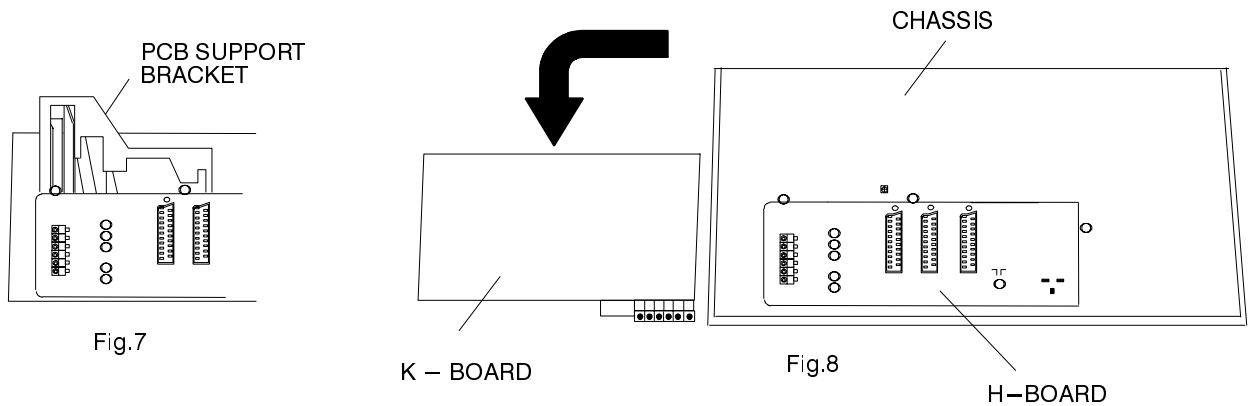


Fig.7

K - BOARD

Fig.8

H-BOARD

6. Remove the two screws from the PCB support bracket and remove the bracket shown in Fig.7.
7. Unclick the K-Board and pull out making sure that the K-board does not touch the E-board.
8. Fit the extension leads
9. After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.
NOTE : The extension lead wire kit is supplied as a service kit. (Part number TZS6EZ001).

Adjustment Procedure

The remote control is used for entering and storing adjustments, with the exception of cut-off adjustments which must always be done prior to service adjustment. Perform adjustments in accordance with screen display. The display on the screen also specifies the CCU variants as well as the approx. setting values. The adjustment sequence for the service mode is indicated below.

1. Set the Bass to maximum position, set the Treble to minimum position, press and hold the Reveal button on the remote control and at the same time press the \pm /v button on the customer controls at the front of the TV, this will place the TV into the Service Mode.
2. Press the RED / GREEN buttons to step up / down through the functions.
3. Press the YELLOW / BLUE buttons to alter the function values.
4. Press the STORE button after each adjustment has been made to store the required values.
5. To exit the Service Mode press the Normalisation button.

NOTE: This TV also has the option of using a Memory Pack which enables you to copy the preset TV channels into the Memory Pack and then download them onto this or any other EURO-3 TV set.

TV to Memory Pack process

1. Plug the memory pack into the AV2 21 pin terminal at the back of the TV and switch the TV on.
2. Go into the Service Mode as explained above. The screen will show:—

Program
External >>TV

3. Press the blue button on the remote control. The screen will show:—

Program
TV >> External

4. Press the STORE button on the TV. The screen will show:—

Storing

5. All the tuning information stored inside the TV will now be transferred to the Memory Pack. This process will take 2–3 minutes to complete and when finished the screen will show:—

OK!

Memory Pack to TV Process

Errors

If an error occurs while using the Memory Pack the TV will detect this and the screen will show:—

Program
Error!

If this happens then press the Normalisation button and repeat the process that was being used. If the errors continue to occur then check the connectors between the TV and the memory pack and check the 9V battery inside the memory pack.

1. Plug the memory pack into the AV2 21 pin terminal at the back of the TV and switch the TV on.
2. Go into the Service Mode as explained above. The screen will show:—

Program
External >>TV

3. Press the STORE button on the TV. The screen will show:—

Loading

4. All the tuning information stored inside the Memory Pack will now be transferred to the TV. This process will take 2–3 minutes to complete and when finished the screen will show:—

OK!

5. The tuning information from the Memory Pack has now been copied into the TV.
6. To exit from the Service Mode press the Normalisation button.
7. The process has now been completed and the Memory Pack can now be removed.

Alignment Settings

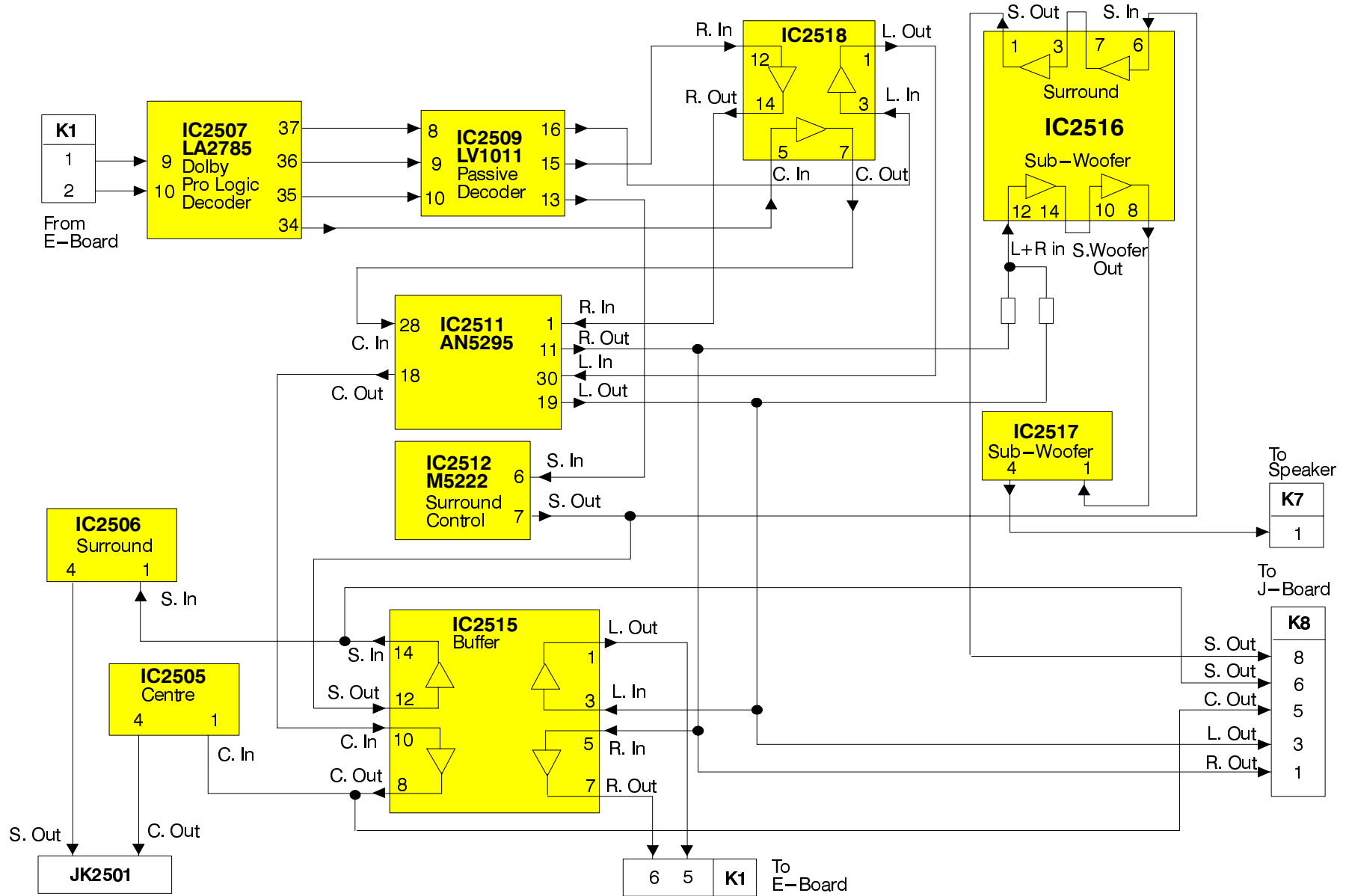
(The figures used below are nominal and used for representative purposes only)

Please Note

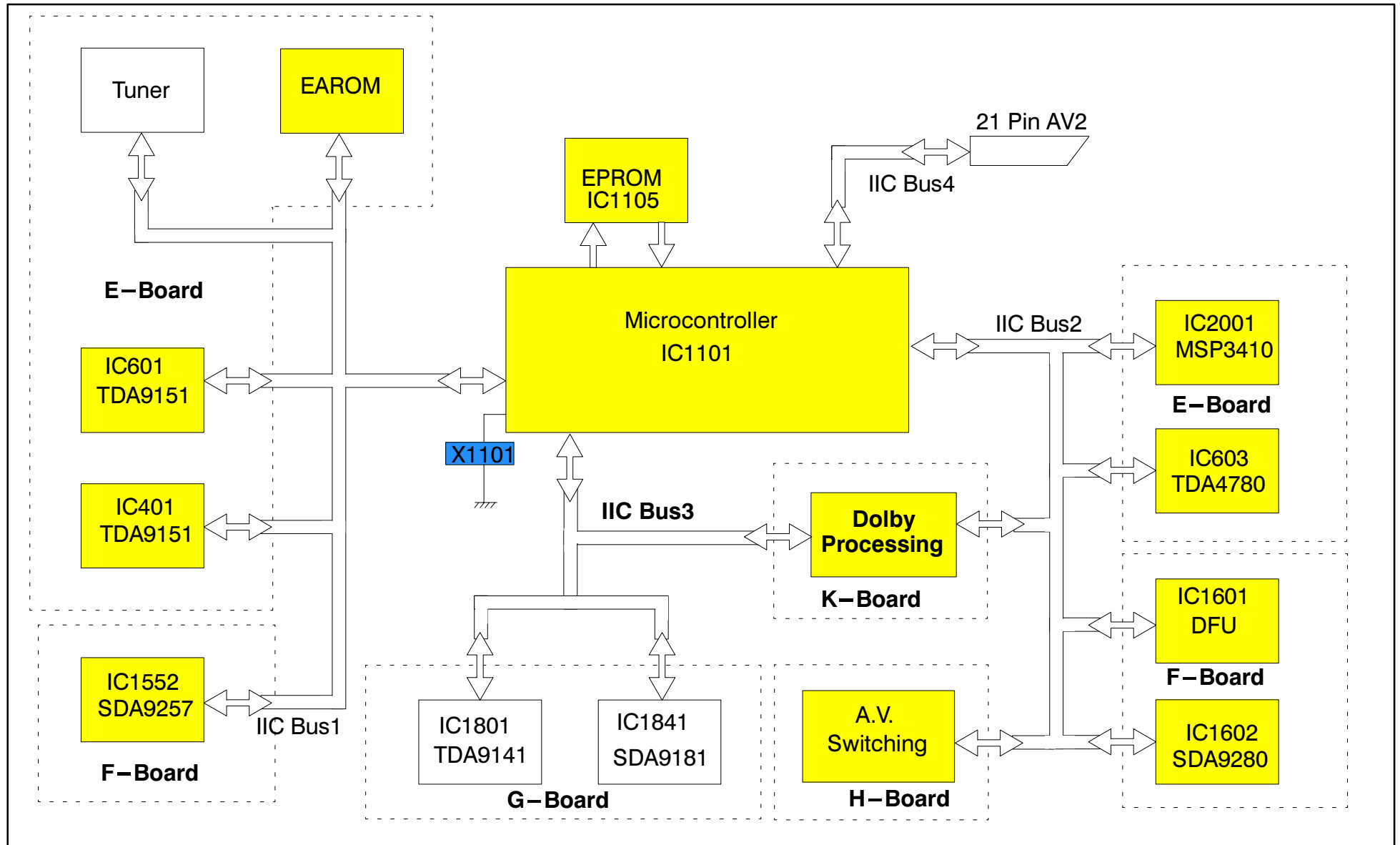
When aligning the TV, in Service Mode 1, please remember that separate alignments need to be performed in both PAL (50Hz) and NTSC (60Hz) systems for 4:3, FULL and JUST aspect modes.

Alignment Function		Settings / Special features
Vertical amplitude	V-AMP 038	Optimum setting.
Vertical linearity	V-LIN 022	
V-Pos.	V-POS 005	Optimum setting.
Horizontal amplitude	H-AMP 043	Optimum setting.
Horizontal position	H-POS 035	
EW-amplitude	E/W-AMP 1 020	Optimum setting.
EW-amplitude	E/W-AMP 2 015	Optimum setting.
Trapezium-comp	TRAPEZ-1 004	Optimum setting.
Vert. DC.	VERT. D.C. 008	Not to be adjusted.
Text Position	TEXT POSITION 060	Optimum setting.
Cutoff	---	Select a Greyscale pattern enter Service Mode and step through to Cutoff, connect an oscilloscope to the Blue Cathode and adjust the screen VR of the FBT to get $160 \pm 5V$ at the base of the Cutoff pulse.
Cutoff RGB	CUTOFF RGB 032 032 032	Press the GREEN button to step through the settings. Adjust for optimum.
White RGB	WHITE RGB 032 032 032	Press the GREEN button to step through the settings. Adjust for optimum.
Sub Brightness	SUB BRIGHT 000	Optimum setting.

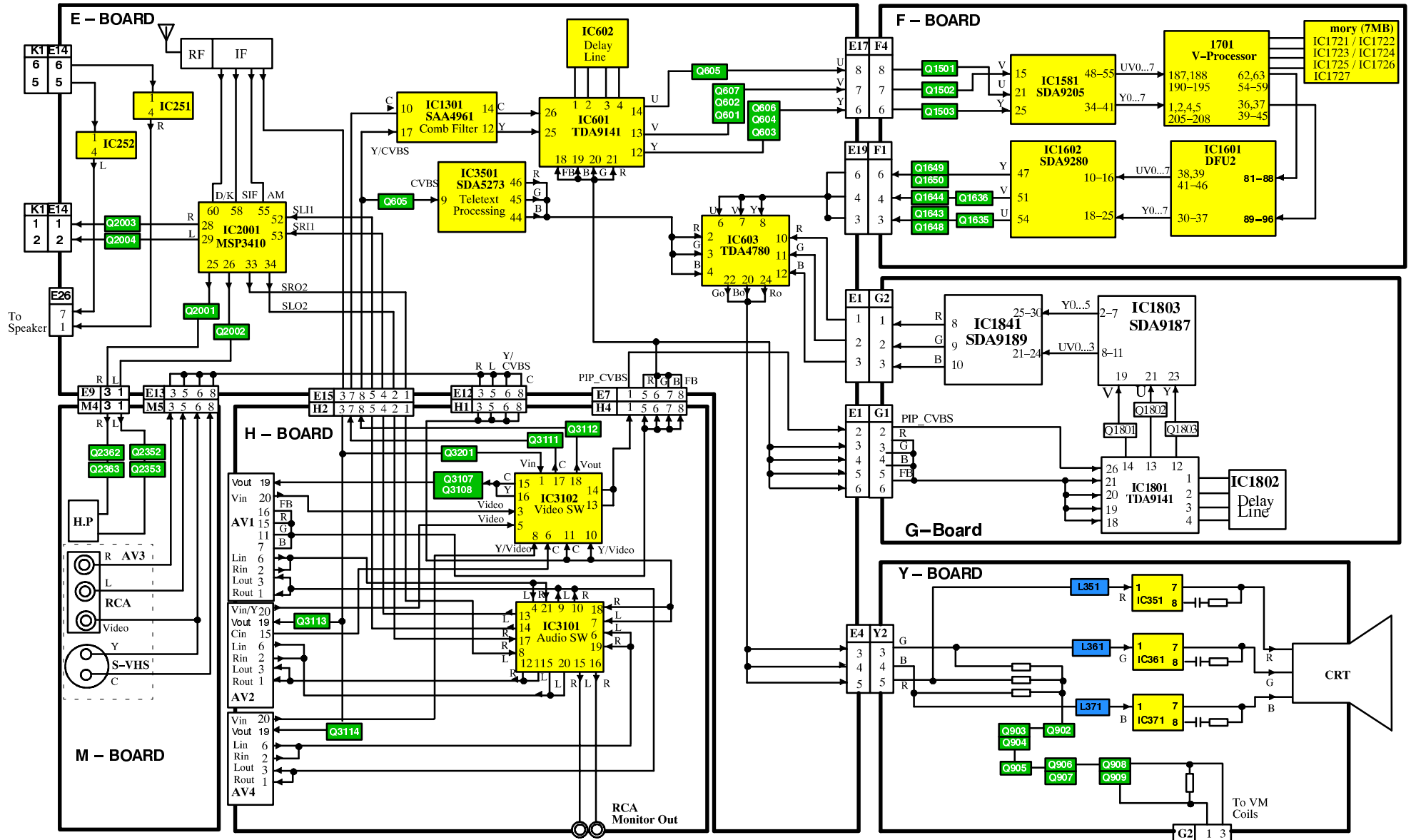
DOLBY PRO LOGIC PROCESSING



CONTROL BLOCK DIAGRAM

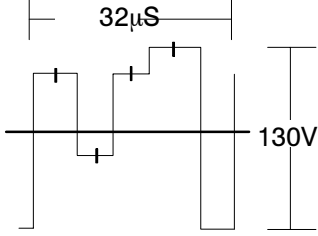
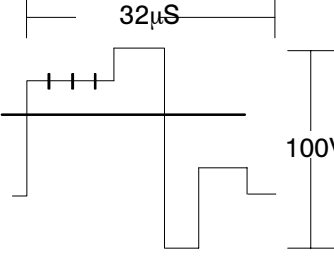
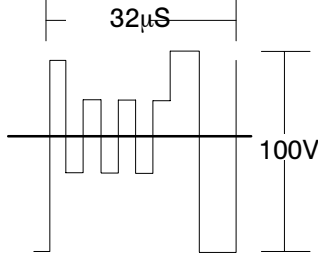
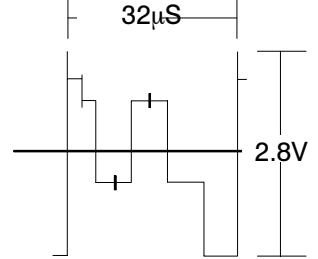
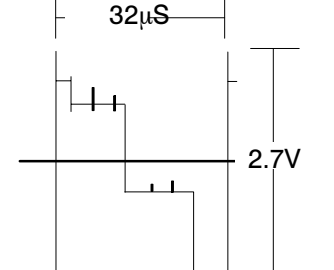
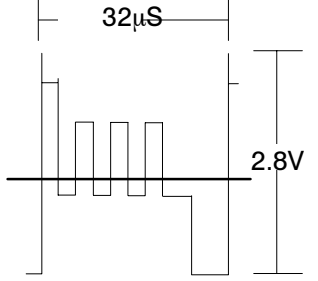
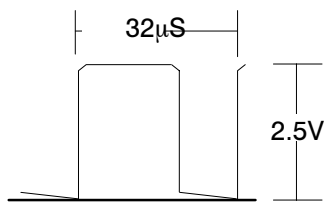
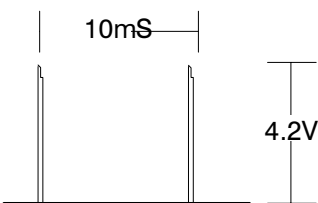
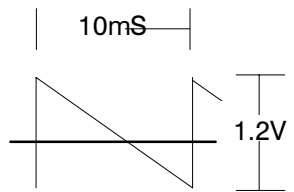
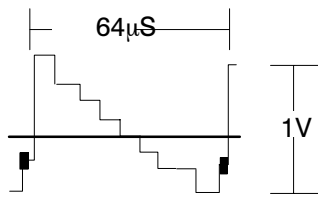
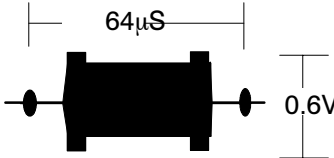
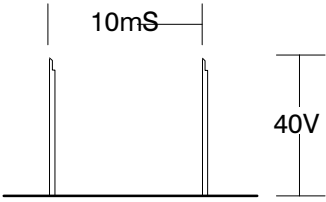
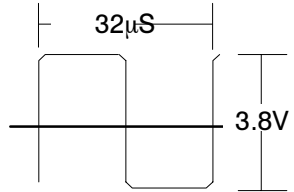


VIDEO AND AUDIO SIGNAL PROCESSING BLOCK DIAGRAM



WAVEFORM PATTERN TABLE

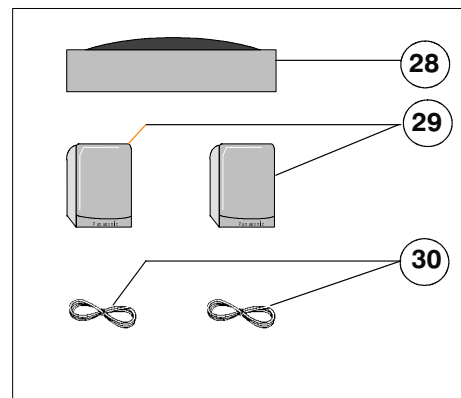
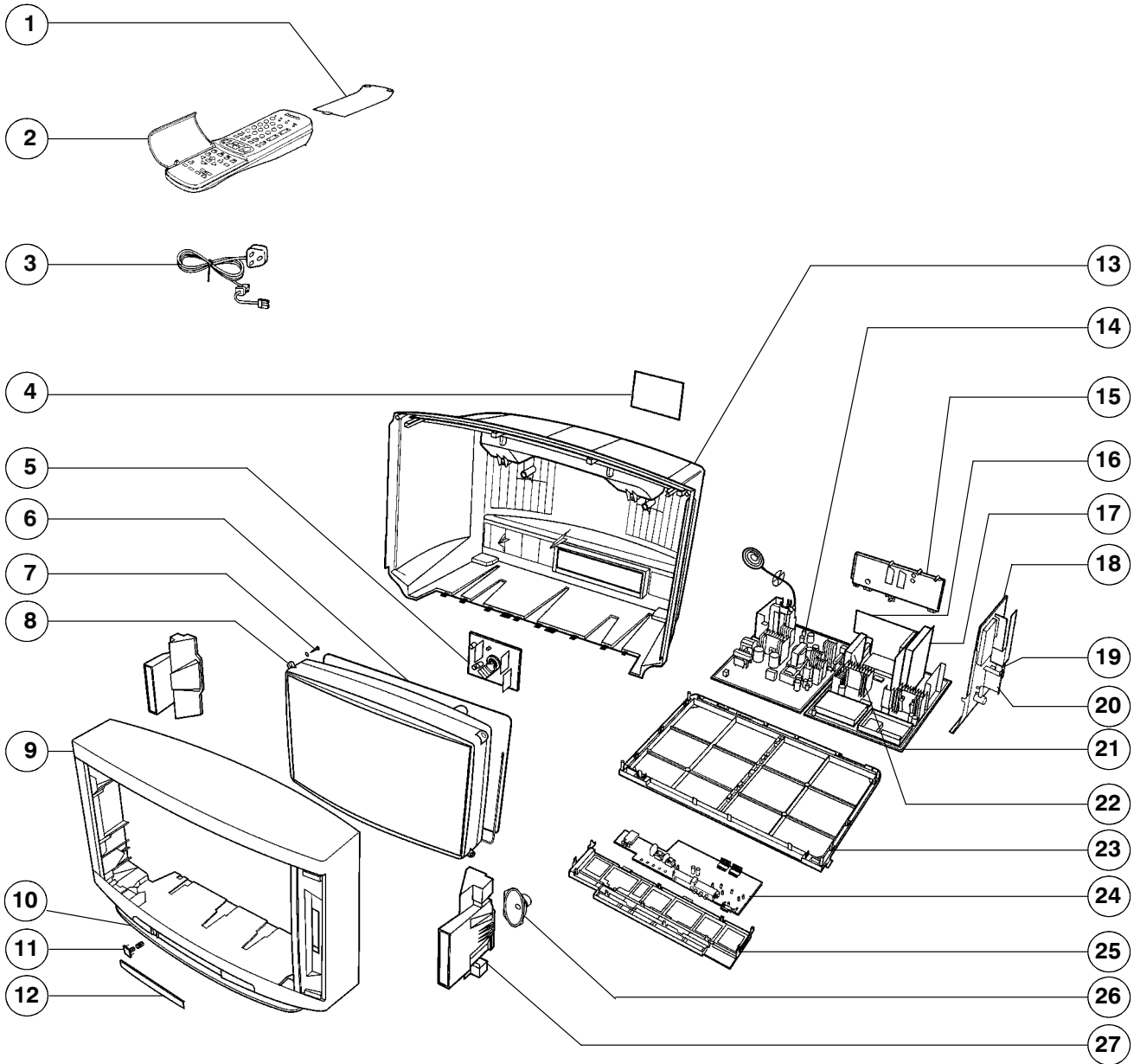
NOTE: All waveforms have been taken using a standard colour bar pattern

<p>RED DRIVE TPY1</p>  <p>32µS 130V</p>	<p>GREEN DRIVE TPY2</p>  <p>32µS 100V</p>	<p>BLUE DRIVE TPY3</p>  <p>32µS 100V</p>
<p>RED OUTPUT IC 603 PIN 24</p>  <p>32µS 2.8V</p>	<p>GREEN OUTPUT IC 603 PIN 22</p>  <p>32µS 2.7V</p>	<p>BLUE OUTPUT IC 603 PIN 20</p>  <p>32µS 2.8V</p>
<p>HORIZONTAL SYNC IC 3501 PIN 4</p>  <p>32µS 2.5V</p>	<p>VERTICAL SYNC IC 3501 PIN 3</p>  <p>10mS 4.2V</p>	<p>VERT OUTPUT IC (INPUT) IC 451 PIN 1</p>  <p>10mS 1.2V</p>
<p>LUMINANCE IN IC601 PIN 26</p>  <p>64µS 1V</p>	<p>CHROMINANCE IN IC601 PIN 25</p>  <p>64µS 0.6V</p>	<p>VERTICAL OUTPUT (DRIVE) IC 451 PIN 9</p>  <p>10mS 40V</p>
<p>HORIZONTAL OUTPUT IC401 PIN 20</p>  <p>32µS 3.8V</p>		

PARTS LOCATION

NOTE :

The numbers on the exploded view below refer to the miscellaneous section of the Replacement Parts List.



REPLACEMENT PARTS LIST

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Ref No.	Part No.	Description	
MISCELLANEOUS COMPONENTS			
1)	UR51EC780	BATTERY COVER (REMOTE)	
2)	EUR51924	REMOTE CONTROL	
3)	TSX8E0018	POWER CORD	Δ
4)	TBM8E1770	MODEL LABEL	
5)	TNPA0292AS	Y-PC.B.	Δ
6)	TXFLK01DCG	DEGAUSS COIL	
7)	THT1062	CRT FIXING SCREW	
8)	W86KYP881X05	CRT	
9)	TKYA02605	CABINET	Δ
10)	TKPA05515	LEFT DOOR	
11)	TBX8E047	POWER BUTTON	
12)	TKPA05415	RIGHT DOOR	
13)	TKUC01604	BACK COVER	Δ
14)	TNPA0298AA	B-PC.B.	Δ
15)	TKP8E1227	AV PANEL	
16)	TNPA0293AG	H-PC.B.	Δ
17)	TNPA0294AC	F-PC.B.	Δ
18)	TNPA0370AC	K-PC.B.	Δ
19)	TNPA0458AA	J-PC.B.	Δ
20)	TNP8EC002AC	C-PC.B.	Δ
21)	TNPH0063BU	E-PC.B.	Δ
22)	TNPA0769AA	B-PC.B.	Δ
23)	TMX8E019	CHASSIS FRAME	
24)	TNPA0762AA	M-PC.B.	Δ
25)	TMX8E015	PCB SUPPORT BRACKET	
26)	EAB12131RM	RIGHT SPEAKER	
28)	EASG12D123K2	CENTRE SPEAKER	
29)	EAS8E002-A	REAR SPEAKERS	
30)	TSX8E0015S	SPEAKER WIRE	
	TNPA0297AB	G-PC.B.	Δ
	TNPA0763AA	N-PC.B.	Δ
	TNPA0764AA	P-PC.B.	Δ
	TNPA0771AA	F-PC.B.	Δ
	TNPA1042AA	L-PC.B.	Δ
TNR1	ENV87D02G3	TUNER	Δ
	EAB12131LM	LEFT SPEAKER	
	832AG11D-ESL	I.C.SOCKET	
	PCS-068A-1	68 PIN I.C.SOCKET	
	TBM8E1728	AV LABEL	
	TBM8E1777-1	REAR AV LABEL	
	TBMC885	INDICATOR SHEET (R)	
	TBMC886	INDICATOR SHEET (L)	
	TEK6940	LID CATCHER	
	TES2298	CRT EARTH SPRING	
	THT1062	SCREW	
	TKK8E028	AC CORD COVER	
	TKPA05405	LID	
	TKPA05505	LEFT DOOR (PLAIN)	
	TKPA05612	INDICATOR PANEL	
	TMW8E026	LED HOLDER	
	TMWJ002	REMOTE CONTROL HOLDER	
	TPC8E4677	OUTER CARTON	
	TPC8E6420	OUTER CARTON	
	TPD169487	HANDLE FOR CARTON	
	TPD8E643	TOP CUSHION	
	TPD8E644	PALLET LID	
	TPD8E645	CUSHION-SET	
	TPD8E646	RIGHT SPACER CUSHION	
	TPD8E647	LEFT CUSHION SPACER	

Ref No.	Part No.	Description	
	TQB8E2460	INST BOOK	Δ
	UM-3DJ-2P	BATTERY-SET	
	ZTBZAA600A	ANODE LEAD	
	ERDS1TJ6R8	CARBON	0.5W 5% 6R8 Ω
	ERG3SJ180	METAL	3W 5% 18 Ω
	TBL63413	RUBBER	
MOD16	TES4537	SPRING	
MOD18	TES4537	SPRING	
MOD20	TES4537	SPRING	
MOD22	TES4537	SPRING	
MOD25	31221212478	FIX CLIP	
MOD6	TES4537	SPRING	
MOE11	F9-4-220	RELAY	
MOE12	TES4537	SPRING	
MOS1	TES4537	SPRING	
CAPACITORS			
C002	ECUV1H102JCX	S.M.CAP	50V 1nF
C003	ECA1HM101GB	ELECT	50V 100 μ F
C004	ECUV1H102JCX	S.M.CAP	50V 1nF
C005	ECUV1H102JCX	S.M.CAP	50V 1nF
C006	ECUV1H102JCX	S.M.CAP	50V 1nF
C007	ECUV1H102JCX	S.M.CAP	50V 1nF
C009	ECA1HMR22GB	ELECT	50V 0.22 μ F
C010	ECUV1H102KBX	S.M.CAP	50V 1nF
C014	ECUV1H103ZFX	S.M.CAP	50V 10nF
C015	ECUV1H390JCX	S.M.CAP	50V 39pF
C016	ECUV1H390JCX	S.M.CAP	50V 39pF
C017	ECA1CM470GB	ELECT	16V 47 μ F
C019	ECUV1H561JCX	S.M.CAP	50V 560pF
C020	ECUV1H103ZFX	S.M.CAP	50V 10nF
C022	ECUV1H103ZFX	S.M.CAP	50V 10nF
C023	ECUV1H681JCX	S.M.CAP	50V 680pF
C024	ECUV1H103ZFX	S.M.CAP	50V 10nF
C025	ERJ6GEYOR00	S.M.CARB	0.1W 5% 0 Ω
C026	ECUV1H681JCX	S.M.CAP	50V 680pF
C101	ECUV1H151JCX	S.M.CAP	50V 150pF
C103	ECUV1H100DCX	S.M.CAP	50V 10pF
C107	ECUV1H104ZFX	S.M.CAP	50V 100nF
C108	ECUV1H102KBX	S.M.CAP	50V 1nF
C110	ECUV1H102KBX	S.M.CAP	50V 1nF
C112	ECUV1H104ZFX	S.M.CAP	50V 100nF
C113	ECUV1H102KBX	S.M.CAP	50V 1nF
C114	ECUV1H102KBX	S.M.CAP	50V 1nF
C116	ECUV1H104ZFX	S.M.CAP	50V 100nF
C117	ECUV1H104ZFX	S.M.CAP	50V 100nF
C118	ECUV1H331JCX	S.M.CAP	50V 330pF
C119	ECEA1HKA2R2	ELECT	50V 2.2 μ F
C120	ECEA1HKAR47	ELECT	50V 0.47 μ F
C122	ECUV1H104ZFX	S.M.CAP	50V 100nF
C123	ECUV1H104ZFX	S.M.CAP	50V 100nF
C124	ECUV1H104ZFX	S.M.CAP	50V 100nF
C126	ECUV1H104ZFX	S.M.CAP	50V 100nF
C127	ECEA1HKAR47	ELECT	50V 0.47 μ F
C128	ECUV1H104ZFX	S.M.CAP	50V 100nF
C129	ECUV1H104ZFX	S.M.CAP	50V 100nF
C130	ECUV1H121JCX	S.M.CAP	50V 120pF
C131	ECUV1H104ZFX	S.M.CAP	50V 100nF
C132	ECUV1H270JPX	S.M.CAP	50V 27pF
C133	ECUV1H104ZFX	S.M.CAP	50V 100nF
C135	ECEA1CKA100	ELECT	16V 10 μ F
C137	ECEA1HKA010	ELECT	50V 1 μ F
C138	ECUV1H102KBX	S.M.CAP	50V 1nF

Ref No.	Part No.	Description			
C139	ECUV1H390JPX	S.M.CAP	50V	39pF	
C140	ECUV1H150JCX	S.M.CAP	50V	15pF	
C141	ECUV1H683ZFX	S.M.CAP	50V	68nF	
C143	ECEA1CKA100	ELECT	16V	10µF	
C144	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C251	ECQM1H474J	FILM	50V	470nF	
C252	ECUV1H222JCX	S.M.CAP	50V	2.2nF	
C253	ECUV1C224KBX	S.M.CAP	16V	220nF	
C255	ECEA1CN100	ELECT	16V	10µF	
C256	ECA1HM100GB	ELECT	50V	10µF	
C257	ECA1HM100GB	ELECT	50V	10µF	
C258	ECQM1H474J	FILM	50V	470nF	
C259	ECUV1H222JCX	S.M.CAP	50V	2.2nF	
C260	ECUV1C224KBX	S.M.CAP	16V	220nF	
C262	ECEA1CN100	ELECT	16V	10µF	
C263	ECA1HM100GB	ELECT	50V	10µF	
C264	ECA1HM100GB	ELECT	50V	10µF	
C267	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C268	ECUV1H223ZFX	S.M.CAP	50V	22nF	
C269	ECA1EM222GB	ELECT	25V	2.2nF	
C270	ECA1EM222GB	ELECT	25V	2.2nF	
C271	ECA1HM010GB	ELECT	50V	1µF	
C272	ECA1HM010GB	ELECT	50V	1µF	
C273	ECA1HM010GB	ELECT	50V	1µF	
C274	ECA1HM010GB	ELECT	50V	1µF	
C277	ECEA1HU471	ELECT	50V	470µF	
C281	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C282	ECUV1H561JCX	S.M.CAP	50V	560pF	
C283	ECUV1H561JCX	S.M.CAP	50V	560pF	
C352	ECUV1H224ZFX	S.M.CAP	50V	0.22µF	
C353	ECUV1H103KBX	S.M.CAP	50V	10nF	
C354	ECKC2H103J	CERAMIC	50V	10nF	△
C355	ECKC2H102J	CERAMIC	500V	1nF	△
C362	ECUV1H224ZFX	S.M.CAP	50V	0.22µF	
C363	ECUV1H103KBX	S.M.CAP	50V	10nF	
C364	ECKC2H103J	CERAMIC	50V	10nF	△
C365	ECKC2H102J	CERAMIC	500V	1nF	△
C372	ECUV1H224ZFX	S.M.CAP	50V	0.22µF	
C373	ECUV1H103KBX	S.M.CAP	50V	10nF	
C374	ECKC2H103J	CERAMIC	50V	10nF	△
C375	ECKC2H102J	CERAMIC	500V	1nF	△
C381	ECA1HM101GB	ELECT	50V	100µF	
C382	ECA1CM471GB	ELECT	16V	470µF	
C383	ECUV1H103KBX	S.M.CAP	50V	10nF	
C384	ECQM2104KZ	FILM	250V	100nF	
C385	ECEA2EU220	ELECT	250V	22µF	
C386	ECKC3D392J	CERAMIC	2.0KV	3.9nF	
C395	ECQM1H104J	FILM	50V	100nF	
C402	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C403	ECA1AM332E	ELECT	10V	3.3nF	
C404	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C405	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C406	ECUV1H471JCX	S.M.CAP	50V	470pF	
C413	ECUV1H561KBX	S.M.CAP	50V	560pF	
C451	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C452	ECA1EM332E	ELECT	25V	3.3nF	
C453	ECA2CM100B	ELECT	160V	10pF	
C455	ECEA1HN100	ELECT	50V	10µF	
C456	ECQV1104JZ3	FILM	100V	10pF	
C457	ECUV1H102JCX	S.M.CAP	50V	1nF	
C461	ECUV1C224KBX	S.M.CAP	16V	220nF	
C462	ECKC3A471J	CERAMIC	1KV	470pF	△
C463	ECUV1H102KBX	S.M.CAP	50V	1nF	
C464	ECKC1H102J	CERAMIC	50V	1000pF	
C501	ECQM1H224J	FILM	50V	220nF	
C502	ECQM2683JZ	FILM	250V	68nF	
C503	ECKC2H102J	CERAMIC	500V	1nF	△
C504	ECQM1H824J	FILM	50V	0.82µF	
C506	ECKC2H102J	CERAMIC	500V	1nF	△
C552	ECWH15H152J	FILM	100V	1.5nF	
C553	ECQM1273KZW	FILM	100V	27nF	
C554	ECQM4393JZW	FILM	400V	39nF	

Ref No.	Part No.	Description			
C555	ECWH15H622J	FILM	100V	6.2nF	
C556	ECEA2CNR47SB	ELECT	160V	R47µF	
C557	ECKC2H331J	CERAMIC	500V	330pF	△
C558	ECA2EM330B	ELECT	250V	33pF	
C559	ECKC2H101J	CERAMIC	500V	100pF	△
C560	ECA1EM332E	ELECT	25V	3.3nF	
C561	ECKC2H561J	CERAMIC	500V	560pF	△
C562	ECA1JM330B	ELECT	63V	33pF	
C563	ECWF2564JBK	FILM	200V	0.56µF	
C565	ECQM1273KZW	FILM	100V	27nF	
C566	ECKC2H222J	CERAMIC	500V	2200pF	△
C571	ECQV1H105JZ	FILM	50V	1µF	
C572	ECWH15H682J	FILM	100V	6.8nF	
C573	ECQF4153JZH	FILM	400V	15nF	
C574	ECWF2334JBB	FILM	200V	0.33µF	
C575	ECWF4684JBB	FILM	400V	0.68µF	
C576	ECWF2334JBB	FILM	200V	0.33µF	
C577	ECWF2105JBB	FILM	200V	1.0µF	
C578	ECKC1H101J	CERAMIC	50V	100pF	
C580	ECKC1H103JB	CERAMIC	50V	10nF	
C581	ECQF4153JZH	FILM	400V	15nF	
C584	ECKC3D331J	CERAMIC	2KV	330pF	△
C586	ECKC1H103JB	CERAMIC	50V	10nF	
C601	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C602	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C603	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C604	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C605	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C606	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C608	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C609	ECUV1H180JCX	S.M.CAP	50V	18pF	
C610	ECUV1H150JCX	S.M.CAP	50V	15pF	
C611	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C612	ECUV1H332ZFX	S.M.CAP	50V	3.3nF	
C613	ECUV1C474ZFX	S.M.CAP	16V	0.47µF	
C614	ECUV1H332ZFX	S.M.CAP	50V	3.3nF	
C615	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C616	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C617	ECA1CM220GB	ELECT	16V	22µF	
C618	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C619	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C620	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C621	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C622	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C623	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C624	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C625	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C626	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C627	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C628	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C629	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C630	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C631	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C632	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C633	ECUV1H470JCX	S.M.CAP	50V	47pF	
C634	ECA1CM221GB	ELECT	16V	220µF	
C635	ECA1HM220GB	ELECT	50V	22pF	
C636	ECA1HM010GB	ELECT	50V	1µF	
C637	ECQM1H224J	FILM	50V	220nF	
C638	ECA1HM010GB	ELECT	50V	1µF	
C639	ECQM1H224J	FILM	50V	220nF	
C640	ECQM1H224J	FILM	50V	220nF	
C641	ECQM1H224J	FILM	50V	220nF	
C642	ECA1AM470GB	ELECT	10V	47µF	
C643	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C644	ECA1CM470GB	ELECT	16V	47µF	
C645	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C646	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C647	ECEA1CN470	ELECT	16V	47µF	
C648	ECEA1CN470	ELECT	16V	47µF	
C651	ECUV1H820JCX	S.M.CAP	50V	82pF	
C654	ECUV1H393KBX	S.M.CAP	50V	39nF	

Ref No.	Part No.	Description			
C655	ECUV1E563KBX	S.M.CAP	25V	56nF	
C657	ECUV1C474ZFX	S.M.CAP	16V	0.47µF	
C659	ECUV1H821KBX	S.M.CAP	50V	820pF	
C661	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C662	ECUV1H470JCX	S.M.CAP	50V	47pF	
C663	ECUV1H150JCX	S.M.CAP	50V	15pF	
C703	ECUV1C224KBX	S.M.CAP	16V	220nF	
C704	ECUV1H472KBX	S.M.CAP	50V	4.7nF	
C804	222233510154	CAPACITOR		0.15µF	
C806	ECQE6104K	FILM	600V	100nF	△
C807	ECQB1H104J	FILM	50V	100nF	
C808	ECQM1H334J	FILM	50V	330nF	
C811	ECQB1H104J	FILM	50V	100nF	
C812	ECQB1H562K	FILM	50V	5.6nF	
C813	ECKC2H472J	CERAMIC	500V	4.7nF	△
C814	ECKC2H472J	CERAMIC	500V	4.7nF	△
C815	ECA1CM331B	ELECT	16V	330µF	
C816	ECQB1H122J	FILM	50V	1.2nF	
C817	ECKC2H472J	CERAMIC	500V	4.7nF	△
C818	ECKC2H472J	CERAMIC	500V	4.7nF	△
C819	ECOS2WB221DB	ELECT	0V	220pF	
C820	ECOS2WB221DB	ELECT	0V	220pF	
C821	ECQB1H222J	FILM	50V	2200pF	
C822	ECKC3D471JB	CERAMIC	2KV	470pF	△
C824	ECQB1H181KF3	FILM	50V	0pF	
C826	ECQB1H473K	FILM	50V	47nF	
C827	ECKCNS332J	CERAMIC	1.2KV	3.3nF	△
C830	ECQE6105JFW	FILM	600V	1.0µF	
C831	ECKC3D471JB	CERAMIC	2KV	470pF	△
C833	ECQB1H682K	FILM	50V	6.8nF	
C835	ECQB1H332K	FILM	50V	3.3nF	
C836	222233510154	CAPACITOR		0.15µF	
C837	ECQE2A474MWB	FILM	100V	0.47µF	
C838	222233510154	CAPACITOR		0.15µF	
C848	ECKC2H471J	CERAMIC	500V	470pF	△
C849	ECKC2H471J	CERAMIC	500V	470pF	△
C852	ECKC3D152J	CERAMIC	2KV	1.5nF	△
C853	ECA1CM471GB	ELECT	16V	470µF	
C854	ECA1EM471GB	ELECT	25V	470µF	
C855	ECEA1HU102	ELECT	50V	1000µF	
C856	ECEA1HU471	ELECT	50V	470µF	
C857	ECA1EM471GB	ELECT	25V	470µF	
C858	ECOS2EA471CB	ELECT	250V	470pF	
C859	ECKC2H471J	CERAMIC	500V	470pF	△
C860	ECA1HM100GB	ELECT	50V	10µF	
C861	ECOS2EA221AB	ELECT	250V	220µF	
C863	ECA1EM332E	ELECT	25V	3.3nF	
C864	ECA0JM332E	ELECT	6.3V	3.3nF	
C866	ECA1HM101GB	ELECT	50V	100µF	
C867	ECA1CM222GB	ELECT	16V	2200µF	
C868	ECA1CM100GB	ELECT	16V	10µF	
C871	ECA0JM102GB	ELECT	6.3V	1nF	
C872	ECA1CM222GB	ELECT	16V	2200µF	
C873	ECA1CM100GB	ELECT	16V	10µF	
C901	ECUV1H050CCX	S.M.CAP	50V	5pF	
C902	ECA1VM101GB	ELECT	35V	100µF	
C903	ECKC1H331J	CERAMIC	50V	330pF	
C904	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C905	ECA1CM100GB	ELECT	16V	10µF	
C906	ECUV1H151JCX	S.M.CAP	50V	22pF	
C908	ECUV1H151JCX	S.M.CAP	50V	150pF	
C909	ECKC2H472J	CERAMIC	500V	4.7nF	△
C910	ECKC2H472J	CERAMIC	500V	4.7nF	△
C911	ECUV1H151JCX	S.M.CAP	50V	150pF	
C912	ECEA2EU220	ELECT	250V	22µF	
C913	ECA1HM101GB	ELECT	50V	100µF	
C914	ECA1HM101GB	ELECT	50V	100µF	
C915	ECA1CM471GB	ELECT	16V	470µF	
C916	ECEA2EU220	ELECT	250V	22µF	
C917	ECA1HM100GB	ELECT	50V	10µF	
C918	ECUV1H103ZFX	S.M.CAP	50V	10nF	

Ref No.	Part No.	Description			
C1051	ECKC1H101J	CERAMIC	50V	100pF	
C1052	ECA1VM470B	ELECT	35V	47µF	
C1053	ECKC1H103JB	CERAMIC	50V	10nF	
C1102	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1103	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1104	ECA0JM101G	ELECT	6.3V	100µF	
C1105	ECUV1H330JCX	S.M.CAP	50V	33pF	
C1106	ECUV1H330JCX	S.M.CAP	50V	33pF	
C1107	ECUV1H391JCX	S.M.CAP	50V	390pF	
C1108	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1109	ECUV1H472KBX	S.M.CAP	50V	4.7nF	
C1110	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1111	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1112	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1113	ECUV1H102JCX	S.M.CAP	50V	1nF	
C1114	ECUV1H102JCX	S.M.CAP	50V	1nF	
C1115	ECUV1H102JCX	S.M.CAP	50V	1nF	
C1126	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1127	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1129	ECA1AM470GB	ELECT	10V	47µF	
C1130	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1131	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1133	ECUV1C184KBX	S.M.CAP	16V	0.18µF	
C1134	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1135	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1136	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1137	ECUV1H102KBX	S.M.CAP	50V	1nF	
C1138	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1302	ECUV1H150JCX	S.M.CAP	50V	15pF	
C1304	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1305	ECA1HM101GB	ELECT	50V	100µF	
C1306	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1307	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1308	ECA1HM101GB	ELECT	50V	100µF	
C1309	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1310	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1311	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1312	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1313	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1314	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1315	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1316	ECA1HM101GB	ELECT	50V	100µF	
C1317	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1318	ECA1HM101GB	ELECT	50V	100µF	
C1321	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1322	ECUV1H101JCX	S.M.CAP	50V	100pF	
C1323	ECA1HM101GB	ELECT	50V	100µF	
C1324	ECA1HM101GB	ELECT	50V	100µF	
C1325	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1326	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1327	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1508	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1509	ECA1CM100GB	ELECT	16V	10µF	
C1518	ECA1HM101GB	ELECT	50V	100µF	
C1519	ECA1CM470GB	ELECT	16V	47µF	
C1520	ECA1CM470GB	ELECT	16V	47µF	
C1521	ECUV1H390JCX	S.M.CAP	50V	39pF	
C1524	ECUV1H221JCX	S.M.CAP	50V	220pF	
C1525	ECUV1H391JCX	S.M.CAP	50V	390pF	
C1528	ECUV1H390JCX	S.M.CAP	50V	39pF	
C1529	ECUV1H221JCX	S.M.CAP	50V	220pF	
C1531	ECUV1H391JCX	S.M.CAP	50V	390pF	
C1532	ECUV1H151JCX	S.M.CAP	50V	150pF	
C1533	ECUV1H750JCX	S.M.CAP	50V	75pF	
C1534	ECUV1H391JCX	S.M.CAP	50V	390pF	
C1537	ECA0JM102GB	ELECT	6.3V	1nF	
C1552	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1554	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1555	ECA0JM331GB	ELECT	6.3V	330µF	
C1556	ECUV1H270JCX	S.M.CAP	50V	27pF	
C1557	ECUV1H270JCX	S.M.CAP	50V	27pF	
C1559	ECUV1H103KBX	S.M.CAP	50V	10nF	

Ref No.	Part No.	Description			
C1560	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1561	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1562	ECA0JM331GB	ELECT	6.3V	330µF	
C1564	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1575	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1576	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1577	ECA1CM470GB	ELECT	16V	47µF	
C1579	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1580	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1583	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1584	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1585	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1586	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1588	ECA1CM470GB	ELECT	16V	47µF	
C1590	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1591	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1592	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1593	ECA1CM470GB	ELECT	16V	47µF	
C1594	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1595	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1596	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1599	ECA1CM470GB	ELECT	16V	47µF	
C1601	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1602	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1603	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1604	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1605	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1606	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1607	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1608	ECA1CM470GB	ELECT	16V	47µF	
C1610	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1611	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1612	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1613	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1614	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1616	ECUV1H152JCX	S.M.CAP	50V	1.5pF	
C1617	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1618	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1619	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1620	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1621	ECA1CM470GB	ELECT	16V	47µF	
C1622	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1625	ECA1CM470GB	ELECT	16V	47µF	
C1641	ECA1CM470GB	ELECT	16V	47µF	
C1642	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1701	ECA1CM470GB	ELECT	16V	47µF	
C1702	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1703	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1704	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1705	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1706	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1707	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1708	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1709	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1710	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1711	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1712	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1713	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1714	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1721	ECA1CM470GB	ELECT	16V	47µF	
C1722	ECA1CM470GB	ELECT	16V	47µF	
C1723	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1724	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1725	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1726	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1727	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1728	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1729	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1730	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1731	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1732	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1733	ECUV1H104ZFX	S.M.CAP	50V	100nF	

Ref No.	Part No.	Description			
C1734	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1735	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1736	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1740	ECUV1H102KBX	S.M.CAP	50V	1nF	
C1801	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1802	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1803	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1804	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1805	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1806	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1807	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1808	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1809	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1810	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C1811	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1812	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1813	ECUV1H332KBX	S.M.CAP	50V	3.3nF	
C1814	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1815	ECUV1H180JCX	S.M.CAP	50V	18pF	
C1816	ECUV1H150JCX	S.M.CAP	50V	15pF	
C1817	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1818	ECUV1H331JCX	S.M.CAP	50V	330pF	
C1819	ECUV1H331JCX	S.M.CAP	50V	330pF	
C1820	ECUV1H680JCX	S.M.CAP	50V	68pF	
C1821	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1822	ECUV1H103KBX	S.M.CAP	50V	10nF	
C1823	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1824	ECA1AM470GB	ELECT	10V	47µF	
C1825	ECQB1H563K	FILM	50V	56nF	
C1826	ECUV1H152KBX	S.M.CAP	50V	1.5pF	
C1827	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1828	ECA1HM010GB	ELECT	50V	1µF	
C1829	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1840	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1843	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1845	ECA1AM470GB	ELECT	10V	47µF	
C1846	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1861	ECUV1H561KBX	S.M.CAP	50V	560pF	
C1862	ECUV1H561KBX	S.M.CAP	50V	560pF	
C1865	ECA1AM470GB	ELECT	10V	47µF	
C1881	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1882	ECA1AM470GB	ELECT	10V	47µF	
C1887	ECA1HM101GB	ELECT	50V	100µF	
C1888	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1891	ECUV1H332KBX	S.M.CAP	50V	3.3nF	
C1892	ECUV1C104KBX	S.M.CAP	16V	0.10µF	
C1894	ECA1AM470GB	ELECT	10V	47µF	
C1895	ECA1AM470GB	ELECT	10V	47µF	
C1896	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C1897	ECA1AM330GB	ELECT	10V	33µF	
C1901	ECQV1H105JZ	FILM	50V	1µF	
C1902	ECQV1H105JZ	FILM	50V	1µF	
C1903	ECA1EM470GB	ELECT	25V	47µF	
C1904	ECKC1H103JB	CERAMIC	50V	10nF	
C1905	ECQV1H105JZ	FILM	50V	1µF	
C1906	ECQV1H105JZ	FILM	50V	1µF	
C2001	ECA1CM100GB	ELECT	16V	10µF	
C2002	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2003	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2004	ECUV1H102JCX	S.M.CAP	50V	1nF	
C2005	ECUV1H391JCX	S.M.CAP	50V	390pF	
C2006	ECUV1H391JCX	S.M.CAP	50V	390pF	
C2007	ECUV1H102JCX	S.M.CAP	50V	1nF	
C2008	ECUV1H102JCX	S.M.CAP	50V	1nF	
C2009	ECUV1H102JCX	S.M.CAP	50V	1nF	
C2010	ECUV1H102JCX	S.M.CAP	50V	1nF	
C2011	ECUV1H102JCX	S.M.CAP	50V	1nF	
C2012	ECUV1H102JCX	S.M.CAP	50V	1nF	
C2014	ECQM1H334J	FILM	50V	330nF	
C2017	ECA1CM100GB	ELECT	16V	10µF	
C2018	ECA1CM100GB	ELECT	16V	10µF	
C2019	ECA1CM221GB	ELECT	16V	220µF	

Ref No.	Part No.	Description			
C2020	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2021	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2022	ECA1HM3R3GB	ELECT	50V	3.3µF	
C2023	ECUV1H471JCX	S.M.CAP	50V	470pF	
C2024	ECUV1H471JCX	S.M.CAP	50V	470pF	
C2025	ECUV1H221JCX	S.M.CAP	50V	220pF	
C2026	ECUV1H221JCX	S.M.CAP	50V	220pF	
C2027	ECUV1H221JCX	S.M.CAP	50V	220pF	
C2028	ECUV1H221JCX	S.M.CAP	50V	220pF	
C2029	ECUV1H221JCX	S.M.CAP	50V	220pF	
C2030	ECUV1H221JCX	S.M.CAP	50V	220pF	
C2031	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2032	ECA1CM100GB	ELECT	16V	10µF	
C2034	ECUV1H070DCX	S.M.CAP	50V	7pF	
C2035	ECUV1H560JCX	S.M.CAP	50V	56pF	
C2036	ECUV1H100DCX	S.M.CAP	50V	10pF	
C2037	ECUV1H220JCX	S.M.CAP	50V	22pF	
C2042	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2043	ECA1CM100GB	ELECT	16V	10µF	
C2044	ECUV1H010CCX	S.M.CAP	50V	1pF	
C2045	ECUV1H010CCX	S.M.CAP	50V	1pF	
C2050	ECUV1H223ZFX	S.M.CAP	50V	22nF	
C2051	ECUV1H223ZFX	S.M.CAP	50V	22nF	
C2052	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C2053	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C2054	ECA1CM331B	ELECT	16V	330µF	
C2055	ECA1CM102B	ELECT	16V	1.0nF	
C2058	ECUV1H683ZFX	S.M.CAP	50V	68nF	
C2059	ECUV1H102KBX	S.M.CAP	50V	1nF	
C2060	ECUV1H102KBX	S.M.CAP	50V	1nF	
C2351	ECA1CM471GB	ELECT	16V	470µF	
C2352	ECA1CM471GB	ELECT	16V	470µF	
C2353	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2354	ECKC1H103JB	CERAMIC	50V	10nF	
C2355	ECA1HMR33GB	ELECT	50V	0.33µF	
C2356	ECKC1H103JB	CERAMIC	50V	10nF	
C2360	ECKC1H103JB	CERAMIC	50V	10nF	
C2361	ECA1CM471GB	ELECT	16V	470µF	
C2362	ECA1CM471GB	ELECT	16V	470µF	
C2363	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2364	ECKC1H103JB	CERAMIC	50V	10nF	
C2365	ECA1HMR33GB	ELECT	50V	0.33µF	
C2366	ECKC1H103JB	CERAMIC	50V	10nF	
C2401	ECA1HM101GB	ELECT	50V	100µF	
C2402	ECUV1H682KBX	S.M.CAP	50V	6.8nF	
C2405	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2406	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2407	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2408	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2409	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2415	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C2418	ECQM1H104J	FILM	50V	100nF	
C2420	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2421	ECA1HHG101B	ELECT	50V	100µF	
C2423	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2424	ECA1HHG220B	ELECT	50V	22µF	
C2426	ECUV1H101JCX	S.M.CAP	50V	100pF	
C2429	ECUV1H101JCX	S.M.CAP	50V	100pF	
C2432	ECUV1H561JCX	S.M.CAP	50V	560pF	
C2433	ECUV1H561JCX	S.M.CAP	50V	560pF	
C2434	ECUV1H561JCX	S.M.CAP	50V	560pF	
C2435	ECUV1H561JCX	S.M.CAP	50V	560pF	
C2436	ECUV1H561JCX	S.M.CAP	50V	560pF	
C2437	ECA1HM100GB	ELECT	50V	10µF	
C2438	ECQB1H223K	FILM	50V	22nF	
C2439	ECA1HM010GB	ELECT	50V	1µF	
C2440	ECA1HM100GB	ELECT	50V	10µF	
C2441	ECUV1H682KBX	S.M.CAP	50V	6.8nF	
C2442	ECUV1H682KBX	S.M.CAP	50V	6.8nF	
C2443	ECUV1H050CCX	S.M.CAP	50V	5pF	
C2444	ECUV1H682KBX	S.M.CAP	50V	6.8nF	
C2445	ECQB1H473K	FILM	50V	47nF	

Ref No.	Part No.	Description				
C2446	ECQB1H473K	FILM	50V	47nF		
C2449	ECA1HM100GB	ELECT	50V	10µF		
C2450	ECUV1H222KBX	S.M.CAP	50V	2.2nF		
C2451	ECEA1HN010UB	ELECT	50V	1µF		
C2455	ECA1HM010GB	ELECT	50V	1µF		
C2456	ECA1HM330B	ELECT	50V	33µF		
C2459	ECA1HM010GB	ELECT	50V	1µF		
C2460	ECA1HM010GB	ELECT	50V	1µF		
C2461	ECA1HM100GB	ELECT	50V	10µF		
C2464	ECA1HM100GB	ELECT	50V	10µF		
C2467	ECA1HM100GB	ELECT	50V	10µF		
C2468	ECA1HM010GB	ELECT	50V	1µF		
C2469	ECA1HM010GB	ELECT	50V	1µF		
C2470	ECA1HM100GB	ELECT	50V	10µF		
C2471	ECA1CM471GB	ELECT	16V	470µF		
C2472	ECA1HM100GB	ELECT	50V	10µF		
C2473	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C2474	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C2475	ECUV1H330JCX	S.M.CAP	50V	33pF		
C2476	ECUV1H330JCX	S.M.CAP	50V	33pF		
C2477	ERJ6GEYJ183	S.M.CARB	0.1W	5%	18KΩ	
C2478	ECA1HM220GB	ELECT	50V	22µF		
C2479	ECEA1HN010UB	ELECT	50V	1µF		
C2480	ECEA1HN010UB	ELECT	50V	1µF		
C2481	ECEA1HN010UB	ELECT	50V	1µF		
C2482	ECEA1HN010UB	ELECT	50V	1µF		
C2484	ECUV1H103KBX	S.M.CAP	50V	10nF		
C2485	ECA1HMR22GB	ELECT	50V	0.22µF		
C2486	ECUV1H103KBX	S.M.CAP	50V	10nF		
C2487	ECA1HMR22GB	ELECT	50V	0.22µF		
C2488	ECUV1H103KBX	S.M.CAP	50V	10nF		
C2489	ECUV1H104ZFX	S.M.CAP	50V	100nF		
C2490	ECEA1HU101	ELECT	50V	100µF		
C2491	ECA1HM100GB	ELECT	50V	10µF		
C2492	ECUV1H103KBX	S.M.CAP	50V	10nF		
C2493	ECA1HMR22GB	ELECT	50V	0.22µF		
C2494	ECA1HM4R7GB	ELECT	50V	4.7µF		
C2495	ECA1HM100GB	ELECT	50V	10µF		
C2502	ECOS2GA101BB	ELECT	400V	100µF		
C2504	ECKC3D471JB	CERAMIC	2KV	470pF		△
C2505	ECKC2H103J	CERAMIC	50V	10nF		△
C2506	ECQB1H333J	FILM	50V	33nF		
C2507	ECQB1H683K	FILM	50V	68nF		
C2508	ECA1CM221GB	ELECT	16V	220µF		
C2509	ECA1CM221GB	ELECT	16V	220µF		
C2510	ECKCWS471J	CERAMIC	400V	470pF		
C2512	ECA1CHG102B	ELECT	16V	1.0µF		
C2513	ECA1HM010GB	ELECT	50V	1µF		
C2514	ECA1HM010GB	ELECT	50V	1µF		
C2517	ECKC3A471J	CERAMIC	1KV	470pF		△
C2521	ECQM1H104J	FILM	50V	100nF		
C2522	ECEA1HN010UB	ELECT	50V	1µF		
C2523	ECUV1H101JCX	S.M.CAP	50V	100pF		
C2524	ECA1HM330B	ELECT	50V	33µF		
C2525	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C2526	ECA1VM102GB	ELECT	35V	1nF		
C2527	ECUV1H222KBX	S.M.CAP	50V	2.2nF		
C2528	ECA1VM102GB	ELECT	35V	1nF		
C2529	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C2531	ECQM1H474J	FILM	50V	470nF		
C2532	ECEA1HN010UB	ELECT	50V	1µF		
C2533	ECUV1H101JCX	S.M.CAP	50V	100pF		
C2534	ECA1HM330B	ELECT	50V	33µF		
C2535	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C2536	ECA1VM221B	ELECT	35V	220µF		
C2537	ECUV1H222KBX	S.M.CAP	50V	2.2nF		
C2538	ECA1VM101GB	ELECT	35V	100µF		
C2539	ECUV1H103ZFX	S.M.CAP	50V	10nF		
C2541	ECQM1H474J	FILM	50V	470nF		
C2542	ECUV1H332KBX	S.M.CAP	50V	3.3nF		
C2543	ECUV1H332KBX	S.M.CAP	50V	3.3nF		
C2544	ECUV1H223ZFX	S.M.CAP	50V	22nF		

Ref No.	Part No.	Description			
C2545	ECUV1H473ZFX	S.M.CAP	50V	47nF	
C2546	ECA1CM221GB	ELECT	16V	220µF	
C2547	ECA1HM100GB	ELECT	50V	10µF	
C2548	ECA1HM100GB	ELECT	50V	10µF	
C2549	ECA1HM100GB	ELECT	50V	10µF	
C2550	ECA1HM100GB	ELECT	50V	10µF	
C2551	ECA1CM221GB	ELECT	16V	220µF	
C2552	ECEA1VN100UB	ELECT	35V	10µF	
C2553	ECEA1VN100UB	ELECT	35V	10µF	
C2554	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2555	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2556	ECA1HMR47GB	ELECT	50V	0.47µF	
C2557	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2558	ECA1HMR47GB	ELECT	50V	0.47µF	
C2559	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2560	ECUV1C154KBX	S.M.CAP	16V	0.15µF	
C2561	ECA1HM3R3GB	ELECT	50V	3.3µF	
C2562	ECUV1C154KBX	S.M.CAP	16V	0.15µF	
C2563	ECUV1C154KBX	S.M.CAP	16V	0.15µF	
C2564	ECA1HM3R3GB	ELECT	50V	3.3µF	
C2565	ECUV1C154KBX	S.M.CAP	16V	0.15µF	
C2566	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2567	ECA1HMR47GB	ELECT	50V	0.47µF	
C2568	ECA1HM4R7GB	ELECT	50V	4.7µF	
C2569	ECA1HMR47GB	ELECT	50V	0.47µF	
C2570	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2571	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C2572	ECA1HM470GB	ELECT	50V	47µF	
C2573	ECQM1H474J	FILM	50V	470nF	
C2574	ECUV1H681JCX	S.M.CAP	50V	680pF	
C2575	ECA1HM010GB	ELECT	50V	1µF	
C2576	ECA1HM010GB	ELECT	50V	1µF	
C2577	ECA1CM221GB	ELECT	16V	220µF	
C2578	ECA1HM2R2GB	ELECT	50V	2.2µF	
C2579	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C2580	ECEA1HN010UB	ELECT	50V	1µF	
C2581	ECA1HM100GB	ELECT	50V	10µF	
C2582	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C2583	ECA1CM221GB	ELECT	16V	220µF	
C2584	ECA1HM010GB	ELECT	50V	1µF	
C2585	ECUV1H333KBX	S.M.CAP	50V	33nF	
C2586	ECUV1H152JCX	S.M.CAP	50V	1.5pF	
C2587	ECUV1H333KBX	S.M.CAP	50V	33nF	
C2588	ECA1CM221GB	ELECT	16V	220µF	
C2589	ECUV1H330JCX	S.M.CAP	50V	33pF	
C2590	ECUV1H330JCX	S.M.CAP	50V	33pF	
C2591	ECEA1HN3R3UB	ELECT	50V	3R3µF	
C2594	ECEA1HN3R3UB	ELECT	50V	3R3µF	
C2595	ECEA1HN010UB	ELECT	50V	1µF	
C2596	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C2597	ECA1CM471GB	ELECT	16V	470µF	
C2700	ECUV1H102KBX	S.M.CAP	50V	1nF	
C2701	ECEA1HN010UB	ELECT	50V	1µF	
C2702	ECA1CM470GB	ELECT	16V	47µF	
C2703	ECEA1HN010UB	ELECT	50V	1µF	
C2704	ECEA1HN010UB	ELECT	50V	1µF	
C2705	ECUV1H101JCX	S.M.CAP	50V	100pF	
C2706	ECUV1H101JCX	S.M.CAP	50V	100pF	
C2707	ECUV1H101JCX	S.M.CAP	50V	100pF	
C2708	ECEA1HN010UB	ELECT	50V	1µF	
C2709	ECQB1H153K	FILM	50V	15nF	
C2710	ECA1HM010GB	ELECT	50V	1µF	
C2711	ECQB1H153K	FILM	50V	15nF	
C2712	ECQM1222JZ	FILM	100V	2.2nF	
C2713	ECQV1H105JZ	FILM	50V	1µF	
C2714	ECA1CM331B	ELECT	16V	330µF	
C2715	ECQB1H103J	FILM	50V	10nF	
C2716	ECQM1H154J	FILM	50V	150nF	
C2717	ECQB1H683K	FILM	50V	68nF	
C2718	ECQB1H222J	FILM	50V	2200pF	
C2719	ECQB1H333J	FILM	50V	33nF	
C2720	ECQB1H332K	FILM	50V	3.3nF	

Ref No.	Part No.	Description			
C2722	ECKC3A182J	CERAMIC	1.0KV	1.8nF	
C2723	ECEA1HN100UB	ELECT	50V	10µF	
C2724	ECKC3A471J	CERAMIC	1KV	470pF	△
C2725	ECKC3A151J	CERAMIC	1.0KV	150pF	
C2726	ECKC3A331J	CERAMIC	1000V	330pF	△
C2727	ECA1HM010GB	ELECT	50V	1µF	
C2728	ECQM4223JZW	FILM	400V	22nF	
C2729	ECQM4223JZW	FILM	400V	22nF	
C2731	ECKC3D101J	CERAMIC	2.0KV	100pF	
C2732	ECEA160V33ZE	ELECT	160V	33µF	
C2733	ECKC3A471J	CERAMIC	1KV	470pF	△
C2734	ECA1CM331B	ELECT	16V	330µF	
C2735	ECA1EM101GB	ELECT	25V	1µF	
C2736	ECA2EM330B	ELECT	250V	33µF	
C2737	ECQB1H104J	FILM	50V	100nF	
C2739	ECA1HM3R3GB	ELECT	50V	3.3µF	
C2740	ECA1CM471GB	ELECT	16V	470µF	
C2741	ECA1HMR47GB	ELECT	50V	0.47µF	
C2742	ECEA1HN010UB	ELECT	50V	1µF	
C2743	ECKC1H101J	CERAMIC	50V	100pF	
C2744	ECQB1H103J	FILM	50V	10nF	
C2745	ECA1HM100GB	ELECT	50V	10µF	
C2746	ECQB1H333J	FILM	50V	33nF	
C2747	ECKC3D102J	CERAMIC	2KV	1nF	△
C2748	ECQM1H334J	FILM	50V	330nF	
C2749	ECQM1H684J	FILM	50V	680nF	
C2750	ECKC1H103JB	CERAMIC	50V	10nF	
C2751	ECQM1H104J	FILM	50V	100nF	
C2752	ECQB1H103J	FILM	50V	10nF	
C2753	ECA1HM3R3GB	ELECT	50V	3.3µF	
C2754	ECKC1H103JB	CERAMIC	50V	10nF	
C2755	ECQB1H563K	FILM	50V	56nF	
C2801	ECA1HM010GB	ELECT	50V	1µF	
C2802	ECA1HM010GB	ELECT	50V	1µF	
C2803	ECA1HM010GB	ELECT	50V	1µF	
C2804	ECA1HM010GB	ELECT	50V	1µF	
C2805	ECA1CM100GB	ELECT	16V	10µF	
C2806	ECA1HM010GB	ELECT	50V	1µF	
C2807	ECUV1H222KBX	S.M.CAP	50V	2.2nF	
C2808	ECA1HM010GB	ELECT	50V	1µF	
C2809	ECUV1H222KBX	S.M.CAP	50V	2.2nF	
C2810	ECA1HM010GB	ELECT	50V	1µF	
C2811	ECUV1H222KBX	S.M.CAP	50V	2.2nF	
C2812	ECA1HM010GB	ELECT	50V	1µF	
C2813	ECUV1H222KBX	S.M.CAP	50V	2.2nF	
C2814	ECA1HM101GB	ELECT	50V	100µF	
C2815	ECA1CM471GB	ELECT	16V	470µF	
C3001	ECKC1H561J	CERAMIC	50V	560pF	
C3002	ECKC1H561J	CERAMIC	50V	560pF	
C3101	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3105	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3106	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3109	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3110	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3111	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3112	ECA1HM470GB	ELECT	50V	47µF	
C3113	ECA1HM470GB	ELECT	50V	47µF	
C3114	ECA1CM470GB	ELECT	16V	47µF	
C3115	ECEA1HNR47UB	ELECT	50V	0.47µF	
C3116	ECA1HM470GB	ELECT	50V	47µF	
C3117	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3118	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3119	ECA1HM470GB	ELECT	50V	47µF	
C3120	ECA1CM470GB	ELECT	16V	47µF	
C3121	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3122	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3123	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3124	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3125	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3126	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3127	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3128	ECEA1HN4R7UB	ELECT	50V	4.7µF	

Ref No.	Part No.	Description			
C3129	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3130	ECEA1HN4R7UB	ELECT	50V	4.7µF	
C3131	ECUV1H473KBX	S.M.CAP	50V	47nF	
C3132	ECA1CM470GB	ELECT	16V	47µF	
C3133	ECA1CM470GB	ELECT	16V	47µF	
C3134	ECA1CM470GB	ELECT	16V	47µF	
C3135	ECA1HMR47GB	ELECT	50V	0.47µF	
C3136	ECA1CM470GB	ELECT	16V	47µF	
C3137	ECA1HM470GB	ELECT	50V	47µF	
C3138	ECA1HM470GB	ELECT	50V	47µF	
C3143	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3144	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3145	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3146	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3147	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3148	ECA1HM4R7GB	ELECT	50V	4.7µF	
C3149	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3150	ECA1HM4R7GB	ELECT	50V	4.7µF	
C3151	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3152	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3153	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3154	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3155	ECA1CM470GB	ELECT	16V	47µF	
C3156	ECA1CM470GB	ELECT	16V	47µF	
C3158	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3159	ECUV1H121JCX	S.M.CAP	50V	120pF	
C3160	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3162	ECA1CM471GB	ELECT	16V	470µF	
C3163	ECA1HMR47GB	ELECT	50V	0.47µF	
C3164	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3165	ECA1HM470GB	ELECT	50V	47µF	
C3167	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3168	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3169	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3170	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3172	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3173	ECA1HMR47GB	ELECT	50V	0.47µF	
C3174	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3175	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3177	ECUV1H561JCX	S.M.CAP	50V	560pF	
C3178	ECUV1H221JCX	S.M.CAP	50V	220pF	
C3180	ECA1HMR47GB	ELECT	50V	0.47µF	
C3181	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
C3182	ECUV1H102JCX	S.M.CAP	50V	1nF	
C3183	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
C3184	ECUV1H473KBX	S.M.CAP	50V	47nF	
C3185	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
C3186	ECEA1HNR47UB	ELECT	50V	0.47µF	
C3187	ECA1HM470GB	ELECT	50V	47µF	
C3188	ECEA1CN470	ELECT	16V	47µF	
C3189	ECEA1CN470	ELECT	16V	47µF	
C3190	ECA1HMR47GB	ELECT	50V	0.47µF	
C3191	ECA1HM470GB	ELECT	50V	47µF	
C3192	ECUV1H473KBX	S.M.CAP	50V	47nF	
C3193	ECUV1H473KBX	S.M.CAP	50V	47nF	
C3194	ECA1HM470GB	ELECT	50V	47µF	
C3195	ECUV1H391JCX	S.M.CAP	50V	390pF	
C3196	ECEA1CN330	ELECT	16V	33µF	
C3201	ECA1HM010GB	ELECT	50V	1pF	
C3202	ECUV1H473ZFX	S.M.CAP	50V	47nF	
C3203	ECA1CM100GB	ELECT	16V	10pF	
C3204	ECUV1H473ZFX	S.M.CAP	50V	47nF	
C3351	ECA1HM101GB	ELECT	50V	100µF	
C3501	ECUV1H220JCX	S.M.CAP	50V	22pF	
C3502	ECUV1H220JCX	S.M.CAP	50V	22pF	
C3503	ECEA1HKN010	ELECT	50V	1µF	
C3504	ECUV1H224ZFX	S.M.CAP	50V	0.22µF	
C3510	ECUV1H103ZFX	S.M.CAP	50V	10nF	
C3511	ECA1HM101GB	ELECT	50V	100µF	
C3512	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3514	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3515	ECA0JM331GB	ELECT	6.3V	330µF	

Ref No.	Part No.	Description			
C3516	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3521	ECA1HM101GB	ELECT	50V	100µF	
C3522	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3801	ECA1HM010GB	ELECT	50V	1pF	
C3802	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3803	ECA1CM471GB	ELECT	16V	470pF	
C3807	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3808	ECUV1H104ZFX	S.M.CAP	50V	100nF	
C3809	ECA0JM101G	ELECT	6.3V	100µF	
C3810	ECUV1H103KBX	S.M.CAP	50V	10nF	
C3812	ECA1CM221GB	ELECT	16V	220pF	

DIODES

D001	MA4020	DIODE			
D002	MA4020	DIODE			
D251	MA165TA5	DIODE	1SS133T-77		
D252	MA165TA5	DIODE	1SS133T-77		
D253	MA165TA5	DIODE	1SS133T-77		
D254	MA165TA5	DIODE	1SS133T-77		
D351	ERA15-04V3	COIL			
D352	ERA15-04V3	COIL			
D361	ERA15-04V3	COIL			
D362	ERA15-04V3	COIL			
D371	ERA15-04V3	COIL			
D372	ERA15-04V3	COIL			
D373	MTZJT-7715A	DIODE			
D374	MTZJT-7715A	DIODE			
D375	MTZJT-7715A	DIODE			
D387	MA2160LFS	DIODE			
D401	MA165TA5	DIODE	1SS133T-77		
D451	MA4056	DIODE			
D452	MA2330-ALF	DIODE			
D453	TVSEM01ZV0	DIODE			
D457	1SS252T-77	DIODE			
D502	1SS254T-77	DIODE			
D503	EU02	DIODE			
D504	EU02	DIODE			
D531	1SS254T-77	DIODE			
D532	1SS254T-77	DIODE			
D533	1SS254T-77	DIODE			
D534	1SS254T-77	DIODE			
D551	EU02	DIODE			
D556	AU02V0	DIODE			
D557	ERC91-02L9	DIODE			
D558	AU02V0	DIODE			
D559	MTZJT-7736A	DIODE			
D560	1SS252T-77	DIODE			
D561	1SS254T-77	DIODE			
D563	RH3GLF102	DIODE			
D571	FMV-3GULF027	DIODE			
D572	RU3NLF1	DIODE			
D573	1SS254T-77	DIODE			
D574	1SS252T-77	DIODE			
D575	1SS252T-77	DIODE			
D576	TMPG43G3	DIODE			
D602	MA165TA5	DIODE	1SS133T-77		
D603	MA165TA5	DIODE	1SS133T-77		
D604	MA4062	DIODE			
D704	MA4150	DIODE			
D705	MA165TA5	DIODE	1SS133T-77		
D706	MA165TA5	DIODE	1SS133T-77		
D707	MA188TA	DIODE			
D709	PC123FY2	DIODE			
D803	MTZJT-7712C	DIODE			
D806	TF361MALF3	DIODE			
D807	RBV-608LF-B	DIODE			
D808	1SS254T-77	DIODE			
D809	ERA22-02V3	DIODE			
D810	MA2180BLFS	DIODE			
D812	MTZJT-775.6B	DIODE			
D813	MA700TA5	DIODE			
D814	AU01ZV0	DIODE			

Ref No.	Part No.	Description
D815	PC123FY2	DIODE
D817	D5L60F4015	DIODE
D818	TMPG10G3	DIODE
D819	ERA81004V3	DIODE
D820	MA4100	DIODE
D821	EU02AV0	DIODE
D845	1SS254T-77	DIODE
D846	TVSS1WBS20	DIODE
D847	ERA15-01V1	DIODE
D848	ERB32-02E	DIODE RU30LFS1
D849	5JUZ47	DIODE
D850	EU02	DIODE
D851	ERC20M8ZF189	DIODE
D852	MA4091	DIODE
D853	EU02	DIODE
D854	1SS254T-77	DIODE
D855	D10SC6MRL	DIODE
D857	FML22SLF610	DIODE
D860	1SS254T-77	DIODE
D861	MTZJT-7713B	DIODE
D901	1SS254T-77	DIODE
D902	1SS254T-77	DIODE
D903	1SS254T-77	DIODE
D1051	LN81RPHL	DIODE
D1052	AU01V0	DIODE
D1053	AU01V0	DIODE
D1054	AU01V0	DIODE
D1055	AU01V0	DIODE
D1056	AU01V0	DIODE
D1057	AU01V0	DIODE
D1102	MA4051	DIODE
D1107	MTZJT-775.6A	DIODE
D1108	1SS254T-77	DIODE
D1109	1SS254T-77	DIODE
D1113	MA4051	DIODE
D1552	RLS72TE-11	DIODE OR PMLL4148
D1824	MA4051	DIODE
D2003	MA4091	DIODE
D2004	MA165TA5	DIODE 1SS133T-77
D2005	MA723TA5	DIODE
D2006	MA723TA5	DIODE
D2007	MA165TA5	DIODE 1SS133T-77
D2008	MA165TA5	DIODE 1SS133T-77
D2421	1SS355TE-17	DIODE
D2422	1SS355TE-17	DIODE
D2480	1SS355TE-17	DIODE
D2501	D5L60F4015	DIODE
D2502	EG01CV0	DIODE
D2503	EU02	DIODE
D2504	TVSEH1V0	DIODE
D2505	MTZJT-778.2A	DIODE
D2506	EU02	DIODE
D2507	EU02	DIODE
D2510	EU02	DIODE
D2511	RU4AMLF-M1	DIODE
D2512	1SS355TE-17	DIODE
D2513	1SS254T-77	DIODE
D2514	1SS355TE-17	DIODE
D2515	1SS355TE-17	DIODE
D2517	1SS254T-77	DIODE
D2518	1SS254T-77	DIODE
D2519	1SS254T-77	DIODE
D2520	1SS254T-77	DIODE
D2521	1SS254T-77	DIODE
D2522	1SS254T-77	DIODE
D2523	1SS254T-77	DIODE
D2524	MTZJT-7712C	DIODE
D2525	MTZJT-7712C	DIODE
D2526	MTZJT-7712C	DIODE
D2527	MTZJT-7712C	DIODE
D2528	UDZTE-176.8B	DIODE
D2529	1SS355TE-17	DIODE

Ref No.	Part No.	Description
D2530	1SS355TE-17	DIODE
D2531	1SS355TE-17	DIODE
D2701	MTZJT-779.1C	DIODE
D2707	ERA22-06V3	DIODE
D2708	ERA22-06V3	DIODE
D2709	MA165TA5	DIODE 1SS133T-77
D2710	RP1HLFA5	DIODE
D2711	RP1HLFA5	DIODE
D2712	MTZJT-7724D	DIODE
D2713	MA165TA5	DIODE 1SS133T-77
D2715	MTZJT-7710D	DIODE
D2717	MA165TA5	DIODE 1SS133T-77
D2719	PC123FY2	DIODE
D2720	MA165TA5	DIODE 1SS133T-77
D2801	RLS73TE-11	COIL
D3101	PMLL5242B	DIODE
D3104	PMLL5242B	DIODE
D3105	PMLL5242B	DIODE
D3107	PMLL5242B	DIODE
D3108	PMLL5242B	DIODE
D3109	PMLL5242B	DIODE
D3110	PMLL5242B	DIODE
D3111	PMLL5242B	DIODE
D3112	PMLL5242B	DIODE
D3115	PMLL5242B	DIODE
D3117	PMLL5242B	DIODE
D3120	RLS72TE-11	DIODE OR PMLL4148
D3121	RLS72TE-11	DIODE OR PMLL4148
D3351	1SS254T-77	DIODE
D3501	MA4030	DIODE
D3801	MA4043	DIODE
D3802	MTZJT-778.2A	DIODE
D3803	ERA81004V3	DIODE
D3805	MTZJT-779.1C	DIODE
D3806	MA165TA5	DIODE 1SS133T-77
D3807	MA165TA5	DIODE 1SS133T-77

FUSES

F531	TR5-T1000	FUSE	△
F801	XBA2C50TH15	FUSE	
F8011	EYF52BC	FUSE HOLDER	
F8012	EYF52BC	FUSE HOLDER	

INTEGRATED CIRCUITS

IC101	LA7577N	V.I.F.
IC102	TLT220K991R	COIL
IC1051	PNA4601M04TV	L.E.D. RECEIVER
IC1101	SDA30C164-2	MICRO PROCESSOR
IC1102	S-80745AL-Z	RESET
IC1103	MN1280R	RESET
IC1104	X24C0302AL	EAROM
IC1105	27C2001701AA	EPROM
IC1301	SAA4961	COMB FILTER
IC1551	SN74F04DR	CLOCK
IC1552	SDA9257	CLOCK GENERATOR
IC1581	SDA9205-2GEG	A/D CONVERTER
IC1601	UPD93213GF	DFU
IC1602	SDA9280B22GE	VIDEO PROCESSOR
IC1701	MB87D202A	VIDEO PROCESSOR
IC1721	SDA9251-2XGE	RAM
IC1722	SDA9251-2XGE	RAM
IC1723	SDA9251-2XGE	RAM
IC1724	SDA9251-2XGE	RAM
IC1725	SDA9251-2XGE	RAM
IC1726	SDA9251-2XGE	RAM
IC1727	SDA9251-2XGE	RAM
IC1801	TDA9143-N1	COLOUR DECODER
IC1802	TDA4665-V4	DELAY LINE
IC1803	SDA9187-2XGE	A/D CONVERTER
IC1841	SDA9189XGEG	PIP PROCESSOR
IC1844	L78M05MRB	5V REGULATOR

Ref No.	Part No.	Description
IC1901	LA6515	EARTH CORRECTION
IC2001	MSP3410DPPB4	AUDIO PROCESSOR
IC2501	STR10006-M	SWITCHABLE POWER SUPPLY
IC2502	L78M12MRB	12V REGULATOR
IC2503	L78M05MRB	5V REGULATOR
IC2505	TDA2030AV	AUDIO AMPLIFIER
IC2506	TDA2030AV	AUDIO AMPLIFIER
IC2507	LA2785	DOLBY ENCODER
IC2508	AN7809FLB	9V REGULATOR
IC2509	LV1011	DOLBY MATRIX
IC251	TDA2030AV	AUDIO AMPLIFIER
IC2511	AN5295NK	AUDIO CONTROL
IC2512	M5222P	SURROUND VOLUME CONTROL
IC2513	MC68HC-E01	MICRO-PROCESSOR
IC2514	MN1280R	RESET
IC2515	AN6554	OPERATIONAL AMPLIFIER
IC2516	AN6554	OPERATIONAL AMPLIFIER
IC2517	TDA2030AV	AUDIO AMPLIFIER
IC2518	AN6554	OPERATIONAL AMPLIFIER
IC252	TDA2030AV	AUDIO AMPLIFIER
IC2701	AN5422K	DYNAMIC FOCUS
IC2702	AN7812FLB	12V REGULATOR
IC2704	AN5560	SWITCHING
IC3101	TEA6420	AUDIO SWITCH
IC3102	TEA6415C	VIDEO SWITCH
IC3501	SDA5273S/134	MEGA TEXT
IC3502	M514256B70RS	DRAM
IC351	TDA6111	RGB OUTPUT
IC361	TDA6111	RGB OUTPUT
IC371	TDA6111	RGB OUTPUT
IC3801	AN7808LB	8V REGULATOR
IC3803	AN7805LB	5V REGULATOR
IC3804	AN7809FLB	9V REGULATOR
IC3805	AN78L08TA	8V REGULATOR
IC401	TDA9151-B	DEFLECTION CONTROL
IC451	TDA8350Q/N5	VERTICAL OUTPUT
IC601	TDA9143-N1	COLOUR DECODER
IC602	TDA4665-V4	DELAY LINE
IC603	TDA4780/V4	RGB VIDEO PROCESSOR
IC801	AN8029	POWER SUPPLY
IC845	SE140N	ERROR AMPLIFIER
IC851	TL431ACLPM	COIL
IC852	TL431ACLPM	COIL
IC2801	AN6554NSF-E2	OPERATIONAL AMPLIFIER

TERMINALS AND LINKS

JA1	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA10	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA2	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA4	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA5	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA6	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA7	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA8	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JA9	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JC1	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JC2	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JC3	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JK2501	TJB8E013	6 PIN PUSH TERMINAL			
JK2502	TJB8E015	RCA TERMINAL (3P)			
JK2503	TJB8E014	RCA TERMINAL (2P)			
JK3001	TJB16656	A.V.TERMINAL			
JSE012	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE015	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE02	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE022	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE023	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE024	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE025	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE028	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
JSE042	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω

Ref No.	Part No.	Description
JSE050	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSE056	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSE057	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSE062	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSE064	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSE066	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSE09	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF001	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF002	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF004	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF005	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF015	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF026	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF038	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF040	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF041	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF045	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF046	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF049	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF050	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF054	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF056	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF059	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF061	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSF062	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG001	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG002	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG011	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG024	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG025	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG026	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG027	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG028	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG071	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG073	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSG075	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH01	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH010	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
JSH02	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
J1	ERD25TC0T	CARBON 0.25W 5% 0Ω
J2	ERD25TC0T	CARBON 0.25W 5% 0Ω

COILS

LC1503	ELKTR391CA	DELAY LINE
LC1507	EXCEMT103DTM	COIL
LC1508	EXCEMT103DTM	COIL
LC1509	EXCEMT103DTM	COIL
LC1510	EXCEMT103DTM	COIL
LC1601	ELKTR391CA	DELAY LINE
LC1602	ELKTR391CA	DELAY LINE
LC1603	ELKTR391CA	DELAY LINE
LC1609	ELKTR560BA	DELAY LINE
LC1854	ELKTR391CA	DELAY LINE
L002	TLT047K991R	COIL
L004	TLT047K991R	COIL
L005	TLT047K991R	COIL
L101	ELESNR56MA	COIL
L104	ELESN6R8KA	COIL
L105	ELESN2R2KA	COIL
L106	EIV7EN201B	COIL
L107	EIV7EN200B	COIL
L252	EXCELSA35T	COIL
L253	EXCELSA35T	COIL
L254	EXCELSA35T	COIL
L255	EXCELSA35T	COIL
L351	SDL5000	DELAY LINE
L352	EXCELDLDR25V	COIL
L361	SDL5000	DELAY LINE
L362	EXCELDLDR25V	COIL
L370	EXCELDLDR35V	COIL
L371	SDL5000	DELAY LINE
L372	EXCELDLDR25V	COIL

Ref No.	Part No.	Description
L381	TLT220K991R	COIL
L383	EXCELD35V	COIL
L401	EXCELD35V	COIL
L402	EXCELD35V	COIL
L451	EXCELD35V	COIL
L552	EXCELSA35T	COIL
L554	EXCELD35V	COIL
L555	EXCELD35C	COIL
L556	EXCELD35V	COIL
L571	ELC18B801L	COIL
L572	ELHKL041B	COIL
L573	ELHKL040B	COIL
L575	ELC18B331E	COIL
L576	ELC08D101E	COIL
L578	EXCELD35C	COIL
L601	TLT047K991R	COIL
L602	TLT047K991R	COIL
L603	TLT047K991R	COIL
L605	EXCELD25V	COIL
L801	ELF18D486D	COIL
L803	ELF18D856A	COIL
L804	ELF18D856A	COIL
L805	ELF18D856A	COIL
L807	EXCELSA39V	COIL
L808	EXCELSA39V	COIL
L809	EXCELD35C	COIL
L810	EXCELSA39V	COIL
L811	EXCELSA39V	COIL
L812	EXCELD35V	COIL
L813	EXCELD35V	COIL
L814	EXCELSA35T	COIL
L817	EXCELD35V	COIL
L819	EXCELSA39V	COIL
L847	EXCELSA35T	COIL
L848	EXCELSA35T	COIL
L850	EXCELSA35T	COIL
L851	EXCELSA35B	COIL
L854	ELEIE150KA	COIL
L856	EXCELSA35T	COIL
L859	EXCELSA35T	COIL
L860	EXCELSA35T	COIL
L861	EXCELSA35T	COIL
L862	EXCELSA35T	COIL
L1102	EXCELD35V	COIL
L1103	EXCELD35V	COIL
L1104	EXCELSA35T	COIL
L1105	ELEXT4R7KA	COIL
L1301	TLT330K991R	COIL
L1302	TLT100K991R	COIL
L1303	TLT101K991R	COIL
L1304	TLT100K991R	COIL
L1306	TLT101K991R	COIL
L1307	ERD25TC0T	CARBON 0.25W 5% 0Ω
L1501	EXCELD35V	COIL
L1502	TLT033K991R	COIL
L1503	TLT033K991R	COIL
L1504	TLT033K991R	COIL
L1552	EXCELD35V	COIL
L1553	EXCELD35V	COIL
L1575	EXCELD35V	COIL
L1576	EXCELD35V	COIL
L1601	EXCELD35V	COIL
L1602	EXCELD35V	COIL
L1603	TLT100K991R	COIL
L1604	TLT100K991R	COIL
L1605	TLT100K991R	COIL
L1606	TLT100K991R	COIL
L1607	EXCELD35V	COIL
L1641	EXCELD35V	COIL
L1701	EXCELD35V	COIL
L1721	EXCELD35V	COIL
L1722	EXCELD35V	COIL

Ref No.	Part No.	Description
L1801	TLT150K991R	COIL
L1802	TLT150K991R	COIL
L1803	ERD25TC0T	CARBON 0.25W 5% 0Ω
L1804	EXCELD35V	COIL
L1810	TLT470K991R	COIL
L1812	TLT150K991R	COIL
L1841	TLT150K991R	COIL
L1842	TLT150K991R	COIL
L1901	EXCELD25V	COIL
L2001	TLT047K991R	COIL
L2003	EXCELD35V	COIL
L2005	TLT068K991R	COIL
L2351	ELEBR6R8KA	COIL
L2361	ELEBR6R8KA	COIL
L2501	EXCELSA35T	COIL
L2502	EXCELSA35T	COIL
L2503	EXCELSA35T	COIL
L2504	EXCELSA35T	COIL
L2505	5770206400	COIL
L2506	5770206400	COIL
L2507	5770206400	COIL
L2508	TLT100K991R	COIL
L2509	TLT100K991R	COIL
L2510	TLT100K991R	COIL
L2511	EXCELSA35T	COIL
L2512	EXCELSA35T	COIL
L2513	EXCELSA35T	COIL
L2514	5770206400	COIL
L2701	EXCELD25V	COIL
L2702	ELC08D182E	COIL
L3001	ELEBR6R8KA	COIL
L3002	ELEBR6R8KA	COIL
L3101	ELEMV1R5MA	COIL
L3102	ELEMV1R5MA	COIL
L3103	ELEMV1R5MA	COIL
L3104	ELEMV1R5MA	COIL
L3107	ELEMV1R5MA	COIL
L3108	ELEMV1R5MA	COIL
L3109	ELEMV1R5MA	COIL
L3110	ELEMV1R5MA	COIL
L3111	ELEMV1R5MA	COIL
L3112	ELEMV1R5MA	COIL
L3113	ELEMV1R5MA	COIL
L3114	ELEMV1R5MA	COIL
L3503	EXCELD35V	COIL
L3507	EXCELD35V	COIL
L3509	EXCELD35V	COIL
L3511	TLT100K991R	COIL

TRANSISTORS

Q008	BC847B	TRANSISTOR OR 2SD601ATX
Q101	BC847B	TRANSISTOR OR 2SD601ATX
Q102	BF370-126	TRANSISTOR
Q103	BC847B	TRANSISTOR OR 2SD601ATX
Q104	BF370-126	TRANSISTOR
Q105	BC847B	TRANSISTOR OR 2SD601ATX
Q106	BC847B	TRANSISTOR OR 2SD601ATX
Q109	BC860B	TRANSISTOR
Q251	BC847B	TRANSISTOR OR 2SD601ATX
Q252	BC847B	TRANSISTOR OR 2SD601ATX
Q401	BC847B	TRANSISTOR OR 2SD601ATX
Q502	2SC2925STA	TRANSISTOR
Q531	BC547B	TRANSISTOR
Q532	BC547B	TRANSISTOR
Q533	BC547B	TRANSISTOR
Q534	BC547B	TRANSISTOR
Q535	BC547B	TRANSISTOR
Q551	BC547B	TRANSISTOR
Q552	2SC5144LB228	TRANSISTOR
Q553	2SC1473-RN	TRANSISTOR
Q554	2SC1473-RN	TRANSISTOR
Q572	BC547B	TRANSISTOR

Ref No.	Part No.	Description
Q573	BC557B	TRANSISTOR
Q574	2SD1265AOPLB	TRANSISTOR
Q577	BC547B	TRANSISTOR
Q601	BC847B	TRANSISTOR OR 2SD601ATX
Q602	BC857B	TRANSISTOR OR 2SB709ATX
Q603	BC847B	TRANSISTOR OR 2SD601ATX
Q604	BC857B	TRANSISTOR OR 2SB709ATX
Q605	BC857B	TRANSISTOR OR 2SB709ATX
Q607	BC847B	TRANSISTOR OR 2SD601ATX
Q608	BC847B	TRANSISTOR OR 2SD601ATX
Q609	BC847B	TRANSISTOR OR 2SD601ATX
Q610	BC847B	TRANSISTOR OR 2SD601ATX
Q611	BC847B	TRANSISTOR OR 2SD601ATX
Q612	BC847B	TRANSISTOR OR 2SD601ATX
Q801	2SK1489MAT	TRANSISTOR
Q803	2SD965—R	TRANSISTOR
Q804	2SA719—TA	TRANSISTOR
Q845	2SA684R	TRANSISTOR
Q846	BC547B	TRANSISTOR
Q847	BC557B	TRANSISTOR
Q848	BC547B	TRANSISTOR
Q849	2SA1018QTA	TRANSISTOR
Q850	2SD1474PLB	TRANSISTOR
Q851	BC547B	TRANSISTOR
Q852	BC547B	TRANSISTOR
Q901	BC847B	TRANSISTOR OR 2SD601ATX
Q902	BC847B	TRANSISTOR OR 2SD601ATX
Q903	BC847B	TRANSISTOR OR 2SD601ATX
Q904	BC857B	TRANSISTOR OR 2SB709ATX
Q905	BC847B	TRANSISTOR OR 2SD601ATX
Q906	BC847B	TRANSISTOR OR 2SD601ATX
Q907	BC857B	TRANSISTOR OR 2SB709ATX
Q908	2SA1535ARLB	TRANSISTOR
Q909	2SC3944ARLB	TRANSISTOR
Q1052	BC557B	TRANSISTOR
Q1101	BC847B	TRANSISTOR OR 2SD601ATX
Q1102	BC847B	TRANSISTOR OR 2SD601ATX
Q1103	BC847B	TRANSISTOR OR 2SD601ATX
Q1106	BC847B	TRANSISTOR OR 2SD601ATX
Q1107	BC847B	TRANSISTOR OR 2SD601ATX
Q1108	BC847B	TRANSISTOR OR 2SD601ATX
Q1112	2SC3757QRTX	TRANSISTOR
Q1191	BC847B	TRANSISTOR OR 2SD601ATX
Q1301	BC847B	TRANSISTOR OR 2SD601ATX
Q1303	BC847B	TRANSISTOR OR 2SD601ATX
Q1304	BC847B	TRANSISTOR OR 2SD601ATX
Q1501	BC847B	TRANSISTOR OR 2SD601ATX
Q1502	BC847B	TRANSISTOR OR 2SD601ATX
Q1503	BC847B	TRANSISTOR OR 2SD601ATX
Q1575	BC847B	TRANSISTOR OR 2SD601ATX
Q1642	BC847B	TRANSISTOR OR 2SD601ATX
Q1643	BC847B	TRANSISTOR OR 2SD601ATX
Q1644	BC857B	TRANSISTOR OR 2SB709ATX
Q1647	BC847B	TRANSISTOR OR 2SD601ATX
Q1648	BC857B	TRANSISTOR OR 2SB709ATX
Q1649	BC857B	TRANSISTOR OR 2SB709ATX
Q1803	BC847B	TRANSISTOR OR 2SD601ATX
Q1879	BC857B	TRANSISTOR OR 2SB709ATX
Q1880	BC857B	TRANSISTOR OR 2SB709ATX
Q1881	BC857B	TRANSISTOR OR 2SB709ATX
Q2001	BC860B	TRANSISTOR
Q2002	BC860B	TRANSISTOR
Q2003	BC860B	TRANSISTOR
Q2004	BC860B	TRANSISTOR
Q2005	BC857B	TRANSISTOR OR 2SB709ATX
Q2006	BC857B	TRANSISTOR OR 2SB709ATX
Q2351	BC547B	TRANSISTOR
Q2352	BC547B	TRANSISTOR
Q2353	BC557B	TRANSISTOR
Q2361	BC547B	TRANSISTOR
Q2362	BC547B	TRANSISTOR
Q2363	BC557B	TRANSISTOR

Ref No.	Part No.	Description
Q2480	BC847B	TRANSISTOR OR 2SD601ATX
Q2501	BC557B	TRANSISTOR
Q2502	2SA684R	TRANSISTOR
Q2504	BC847B	TRANSISTOR OR 2SD601ATX
Q2505	BC857B	TRANSISTOR OR 2SB709ATX
Q2506	BC847B	TRANSISTOR OR 2SD601ATX
Q2507	BC847B	TRANSISTOR OR 2SD601ATX
Q2508	BC857B	TRANSISTOR OR 2SB709ATX
Q2509	BC847B	TRANSISTOR OR 2SD601ATX
Q2510	BC857B	TRANSISTOR OR 2SB709ATX
Q2511	BC847B	TRANSISTOR OR 2SD601ATX
Q2512	BC857B	TRANSISTOR OR 2SB709ATX
Q2513	BC847B	TRANSISTOR OR 2SD601ATX
Q2514	BC847B	TRANSISTOR OR 2SD601ATX
Q2515	BC857B	TRANSISTOR OR 2SB709ATX
Q2516	BC847B	TRANSISTOR OR 2SD601ATX
Q2518	BC847B	TRANSISTOR OR 2SD601ATX
Q2701	BC547B	TRANSISTOR
Q2702	BC547B	TRANSISTOR
Q2703	BC547B	TRANSISTOR
Q2704	BC557B	TRANSISTOR
Q2705	2SK1006RF122	TRANSISTOR
Q2706	2SC4572RB	TRANSISTOR
Q2707	BC547B	TRANSISTOR
Q2708	BC547B	TRANSISTOR
Q2711	BC547B	TRANSISTOR
Q2712	BC547B	TRANSISTOR
Q2714	BC547B	TRANSISTOR
Q2715	BC547B	TRANSISTOR
Q2716	BC547B	TRANSISTOR
Q2801	BC847B	TRANSISTOR OR 2SD601ATX
Q3103	BC847B	TRANSISTOR OR 2SD601ATX
Q3104	BC847B	TRANSISTOR OR 2SD601ATX
Q3105	BC847B	TRANSISTOR OR 2SD601ATX
Q3106	BC847B	TRANSISTOR OR 2SD601ATX
Q3107	BC857B	TRANSISTOR OR 2SB709ATX
Q3108	BC847B	TRANSISTOR OR 2SD601ATX
Q3109	BC847B	TRANSISTOR OR 2SD601ATX
Q3110	BC847B	TRANSISTOR OR 2SD601ATX
Q3113	BC847B	TRANSISTOR OR 2SD601ATX
Q3114	BC847B	TRANSISTOR OR 2SD601ATX
Q3115	BC857B	TRANSISTOR OR 2SB709ATX
Q3201	BC847B	TRANSISTOR OR 2SD601ATX
Q3351	BC847B	TRANSISTOR OR 2SD601ATX
Q3352	BC857B	TRANSISTOR OR 2SB709ATX
Q3501	BC847B	TRANSISTOR OR 2SD601ATX
Q3502	BC847B	TRANSISTOR OR 2SD601ATX
Q3503	2SC3130TX	TRANSISTOR
Q3801	2SD1474PLB	TRANSISTOR

RESISTOR

Ref No.	Part No.	Description
RL571	TSEH8012	RELAY
RL806	TSE1885—1	TRANSISTOR
R003	ERJ6GEYJ223	S.M.CARB 0.1W 5% 22KΩ
R006	ERJ6GEYJ393	S.M.CARB 0.1W 5% 39KΩ
R011	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R012	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R101	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R102	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R104	ERJ6GEYJ123	S.M.CARB 0.1W 5% 12KΩ
R105	ERJ6GEYJ272	S.M.CARB 0.1W 5% 2K7Ω
R108	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R110	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R111	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R112	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R113	ERJ6GEYJ563	S.M.CARB 0.1W 5% 56KΩ
R114	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R115	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R116	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R118	ERJ6GEYJ473	S.M.CARB 0.1W 5% 47KΩ
R119	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R122	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω

Ref No.	Part No.	Description			
R123	ERJ6GEYJ122	S.M.CARB 0.1W	5%	1K2Ω	
R124	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R125	ERJ6GEYJ122	S.M.CARB 0.1W	5%	1K2Ω	
R126	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R127	ERJ6GEYJ121	S.M.CARB 0.1W	5%	120Ω	
R128	ERJ6GEYJ271	S.M.CARB 0.1W	5%	270Ω	
R129	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R131	ERJ6GEYJ332	S.M.CARB 0.1W	5%	3K3Ω	
R133	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R135	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R137	ERJ6GEYJ331	S.M.CARB 0.1W	5%	330Ω	
R138	ERJ6GEYJ332	S.M.CARB 0.1W	5%	3K3Ω	
R141	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R142	ERJ6GEYJ181	S.M.CARB 0.1W	5%	180Ω	
R143	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω	
R144	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R145	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R146	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ	
R147	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R148	ERJ6GEYJ683	S.M.CARB 0.1W	5%	68KΩ	
R149	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R151	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R153	ERJ6GEYJ562	S.M.CARB 0.1W	5%	5K6Ω	
R251	ERJ6GEYJ2R2	SM.CARB0.125W	5%	2R2Ω	
R252	ERJ6GEYJ183	S.M.CARB 0.1W	5%	18KΩ	
R253	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R254	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ	
R255	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R256	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R257	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R258	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R259	ERG3SJS120	METAL 3W	5%	12Ω	△
R260	ERJ6GEYJ2R2	SM.CARB0.125W	5%	2R2Ω	
R261	ERJ6GEYJ183	S.M.CARB 0.1W	5%	18KΩ	
R262	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ	
R263	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R264	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R265	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R266	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R267	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R268	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R269	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R270	ERG3SJS120	METAL 3W	5%	12Ω	△
R350	ERQ12AJ181	FUSABLE 12W	5%	180Ω	△
R351	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R352	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R354	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R355	ERG2FJ823	METAL 2W	5%	82KΩ	△
R356	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R358	ERDS1TJ821	CARBON 0.5W	5%	820Ω	
R359	ERJ6GEYJ334	S.M.CARB 0.1W	5%	330KΩ	
R360	ERDS1TJ103	CARBON 0.5W	5%	10KΩ	
R361	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R362	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R364	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R365	ERG2FJ823	METAL 2W	5%	82KΩ	△
R366	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R368	ERDS1TJ821	CARBON 0.5W	5%	820Ω	
R369	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R370	ERQ1CJP1R3	FUSABLE 1W	5%	1R3Ω	△
R371	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R372	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R374	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R375	ERG2FJ823	METAL 2W	5%	82KΩ	△
R376	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R378	ERDS1TJ821	CARBON 0.5W	5%	820Ω	
R379	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R380	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R381	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R383	ERJ6GEYJ562	S.M.CARB 0.1W	5%	5K6Ω	
R390	ERDS1TJ184	CARBON 0.5W	5%	180K	
R401	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	

Ref No.	Part No.	Description			
R402	ERJ6GEYJ332	S.M.CARB 0.1W	5%	3K3Ω	
R403	ERJ6GEYJ392	S.M.CARB 0.1W	5%	3K9Ω	
R406	ERJ6GEYJ393	S.M.CARB 0.1W	5%	39KΩ	
R407	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R408	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R409	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R410	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω	
R411	ERJ6GEYJ123	S.M.CARB 0.1W	5%	12KΩ	
R412	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R451	ERJ6ENF3161	S.M.CARB 0.1W	1%	3K16Ω	
R452	ERJ6GEYJ683	S.M.CARB 0.1W	5%	68KΩ	
R453	ERG2FJ820	METAL 2W	5%	82Ω	△
R454	ERX12SJR82P	RESISTOR 12W	5%	R82Ω	
R455	ERX12SJ1R0	RESISTOR 12W	5%	1R0Ω	
R456	ERDS1TJ220	CARBON 0.5W	5%	22Ω	
R457	ERDS1TJ223	CARBON 0.5W	5%	22KΩ	
R458	ERG1SJ272	METAL 1W	5%	2.7KΩ	△
R459	ERJ6GEYJ273	S.M.CARB 0.1W	5%	27KΩ	
R460	ERJ6GEYJ683	S.M.CARB 0.1W	5%	68KΩ	
R461	ERJ6GEYJ184	S.M.CARB 0.1W	5%	180KΩ	
R504	ERD25TJ271	CARBON 0.25W	5%	270Ω	
R505	ERG3FJ330	METAL 3W	5%	33Ω	△
R506	ERDS1TJ152	CARBON 0.5W	5%	1K5Ω	
R507	ERDS1TJ152	CARBON 0.5W	5%	1K5Ω	
R531	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R532	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R533	ERD25TJ683	CARBON 0.25W	5%	68KΩ	
R534	ERD25TJ473	CARBON 0.25W	5%	47KΩ	
R535	ERD25TJ472	CARBON 0.25W	5%	4K7Ω	
R536	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R539	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R540	ERD25TJ183	CARBON 0.25W	5%	18KΩ	
R541	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R542	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R543	ERD25TJ222	CARBON 0.25W	5%	2K2Ω	
R544	ERD25TJ563	CARBON 0.25W	5%	56KΩ	
R545	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R546	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R547	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R551	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R552	ERD25TJ473	CARBON 0.25W	5%	47KΩ	
R553	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R554	ERX3SJSR27H	RESISTOR 3W	5%	R27Ω	
R555	ERO25CKF1742	METAL 25W	1%	17KΩ	△
R556	ERO50PKF2802	METAL 50W	1%	28KΩ	△
R557	ERO25CKF5762	METAL 25W	1%	58KΩ	△
R558	ERO50PKF4532	METAL 50W	1%	45KΩ	△
R559	ERO25CKF1002	METAL 0.25W	1%	10KΩ	△
R560	ERD25TJ222	CARBON 0.25W	5%	2K2Ω	
R561	ERD25TJ333	CARBON 0.25W	5%	33KΩ	
R562	ERD25TJ473	CARBON 0.25W	5%	47KΩ	
R564	ERDS1TJ394	CARBON 0.5W	5%	390KΩ	
R565	ERG2FJ120	METAL 2W	5%	12Ω	△
R566	ERDS1TJ183	CARBON 0.5W	5%	18KΩ	
R567	ERG3FJ223	METAL 3W	5%	22KΩ	△
R568	ERDS1TJ330	CARBON 0.5W	5%	33Ω	
R569	ERDS1TJ120	CARBON 0.5W	5%	12Ω	
R570	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R571	ERX3FJ2R7H	RESISTOR 3W	5%	2R7Ω	
R572	ERG3FJ821	METAL 3W	5%	820Ω	△
R574	ERG3FJ151	METAL 3W	5%	150Ω	△
R577	ERD25TJ683	CARBON 0.25W	5%	68KΩ	
R578	ERD25TJ153	CARBON 0.25W	5%	15KΩ	
R579	ERD25TJ274	CARBON 0.25W	5%	270KΩ	
R580	ERD25TJ563	CARBON 0.25W	5%	56KΩ	
R581	ERD25TJ104	CARBON 0.25W	5%	100KΩ	
R582	ERD25TJ225	CARBON 0.25W	5%	2M2Ω	
R583	ERD25TJ225	CARBON 0.25W	5%	2M2Ω	
R584	ERD25TJ152	CARBON 0.25W	5%	1K5Ω	
R585	TSF19201	FS LINK			△
R587	ERD25TJ222	CARBON 0.25W	5%	2K2Ω	

Ref No.	Part No.	Description
R588	ERD25TJ222	CARBON 0.25W 5% 2K2Ω
R589	ERDS1TJ100	CARBON 0.5W 5% 10Ω
R591	ERF5ZKR33	WIRE 5W 10% R33Ω
R592	ERD25TJ103	CARBON 0.25W 5% 10KΩ
R593	ERD25TJ153	CARBON 0.25W 5% 15KΩ
R594	ERD25TJ683	CARBON 0.25W 5% 68KΩ
R601	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R602	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R603	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R604	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R605	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R606	ERJ6GEYJ750	S.M.CARB 0.1W 5% 75Ω
R609	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R610	ERJ6GEYJ823	S.M.CARB 0.1W 5% 82KΩ
R612	ERJ6GEYJ392	S.M.CARB 0.1W 5% 3K9Ω
R613	ERJ6GEYJ392	S.M.CARB 0.1W 5% 3K9Ω
R615	ERJ6GEYJ823	S.M.CARB 0.1W 5% 82KΩ
R616	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R617	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R618	ERJ6GEYJ100	S.M.CARB 0.1W 5% 10Ω
R619	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R620	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R621	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R624	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R625	ERJ6GEYJ393	S.M.CARB 0.1W 5% 39KΩ
R626	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R627	ERJ6GEYJ681	S.M.CARB 0.1W 5% 680Ω
R628	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R629	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R630	ERJ6GEYJ270	S.M.CARB 0.125W 5% 27Ω
R632	ERJ6GEYJ393	S.M.CARB 0.1W 5% 39KΩ
R633	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R634	ERJ6GEYJ681	S.M.CARB 0.1W 5% 680Ω
R635	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R636	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R637	ERJ6GEYJ331	S.M.CARB 0.1W 5% 330Ω
R639	EVNDXAA03B32	CONTROL 300Ω
R640	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R643	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R644	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R645	ERJ6GEYJ271	S.M.CARB 0.1W 5% 270Ω
R646	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R647	ERJ6GEYJ151	S.M.CARB 0.1W 5% 150Ω
R648	ERJ6GEYJ150	S.M.CARB 0.1W 5% 15Ω
R649	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R651	ERJ6GEYJ225	S.M.CARB 0.125W 5% 2.2MΩ
R652	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R653	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R654	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R655	ERJ6GEYJ243	S.M.CARB 0.125W 5% 24KΩ
R656	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R657	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R658	ERJ6GEYJ103	S.M.CARB 0.1W 5% 10KΩ
R659	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R660	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R661	ERJ6GEYJ102	S.M.CARB 0.1W 5% 1KΩ
R662	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R663	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R664	ERC14GJ206V	SOLID 14W 5% 20MΩ
R665	ERC14GJ206V	SOLID 14W 5% 20MΩ
R711	ERJ6GEYJ334	S.M.CARB 0.1W 5% 330KΩ
R712	ERJ6GEYJ333	S.M.CARB 0.1W 5% 33KΩ
R713	ERJ6GEYJ913	S.M.CARB 0.1W 5% 91KΩ
R714	ERJ6GEYJ682	S.M.CARB 0.1W 5% 6K8Ω
R715	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R716	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R717	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R718	ERJ6GEYJ472	S.M.CARB 0.1W 5% 4K7Ω
R719	ERD25TJ472	CARBON 0.25W 5% 4K7Ω
R720	ERD25TJ823	CARBON 0.25W 5% 82KΩ
R801	ERC12ZGK105D	DIODE
R805	232266296706	THERMISTOR

Ref No.	Part No.	Description
R806	ERD25TJ101	CARBON 0.25W 5% 100Ω
R807	ERD25TJ104	CARBON 0.25W 5% 100KΩ
R809	ERF10ZK4R7	WOUND 10W 5% 4R7Ω ▲
R810	ERD25TJ223	CARBON 0.25W 5% 22KΩ
R811	ERD25TJ391	CARBON 0.25W 5% 390Ω
R812	ERD25TJ681	CARBON 0.25W 5% 680Ω
R814	ERD25TJ472	CARBON 0.25W 5% 4K7Ω
R815	ERD25TJ100	CARBON 0.25W 5% 10Ω
R816	ERDS1TJ390	CARBON 0.5W 5% 39Ω
R818	ERD25TJ511	CARBON 0.25W 5% 510Ω
R820	ERG3FJ223	METAL 3W 5% 22KΩ ▲
R821	ERG3FJ223	METAL 3W 5% 22KΩ ▲
R822	ERD25TJ391	CARBON 0.25W 5% 390Ω
R823	ERX1SJR22	RESISTOR 1W 5% R22Ω
R824	ERX1SJR22	RESISTOR 1W 5% R22Ω
R825	ERX1SJR22	RESISTOR 1W 5% R22Ω
R827	ERDS1FJ820	CARBON 0.5W 5% 82Ω
R828	ERD25TJ103	CARBON 0.25W 5% 10KΩ
R829	ERD25TJ471	CARBON 0.25W 5% 470Ω
R830	ERX1SJR22	RESISTOR 1W 5% R22Ω
R831	ERD75TAJ825	CARBON 0.75W 5% 8M2Ω ▲
R832	ERG3FJ331	METAL 3W 5% 330Ω ▲
R835	ERD25TJ220	CARBON 0.25W 5% 22Ω
R836	ERD25TJ100	CARBON 0.25W 5% 10Ω
R837	ERD25TJ183	CARBON 0.25W 5% 18KΩ
R838	ERD25TJ821	CARBON 0.25W 5% 820Ω
R853	ERO25CKF1002	METAL 0.25W 1% 10KΩ ▲
R854	ERDS1TJ153	CARBON 0.5W 5% 15KΩ
R855	ERD25TJ472	CARBON 0.25W 5% 4K7Ω
R856	ERD25TJ473	CARBON 0.25W 5% 47KΩ
R858	ERO25CKF1002	METAL 0.25W 1% 10KΩ ▲
R862	ERD25TJ472	CARBON 0.25W 5% 4K7Ω
R863	ERG3FJ470	METAL 3W 5% 47Ω ▲
R864	ERDS1TJ103	CARBON 0.5W 5% 10KΩ
R865	ERG3FJ470	METAL 3W 5% 47Ω ▲
R867	ERD25TJ102	CARBON 0.25W 5% 1KΩ
R870	ERD25TJ101	CARBON 0.25W 5% 100Ω
R873	ERDS1TJ3R3	CARBON 0.5W 5% 3R3Ω
R876	ERD25TJ562	CARBON 0.25W 5% 5K6Ω
R877	ERO25CKF1022	METAL 25W 1% 10KΩ ▲
R878	ERO25CKF1002	METAL 0.25W 1% 10KΩ ▲
R883	ERD25TJ103	CARBON 0.25W 5% 10KΩ
R885	ERD25TJ103	CARBON 0.25W 5% 10KΩ
R886	ERF20ZK4R7	WIRE 20W 10% 4R7Ω
R888	ERDS1TJ393	CARBON 0.5W 5% 39KΩ
R889	ERD25TJ392	CARBON 0.25W 5% 3K9Ω
R890	ERX3SJR47P	RESISTOR 3W 5% R47Ω
R891	ERD25TJ103	CARBON 0.25W 5% 10KΩ
R892	ERD25TJ222	CARBON 0.25W 5% 2K2Ω
R894	ERD25TJ101	CARBON 0.25W 5% 100Ω
R905	ERJ6GEYJ681	S.M.CARB 0.1W 5% 680Ω
R906	ERJ6GEYJ153	S.M.CARB 0.1W 5% 15KΩ
R907	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R908	ERJ6GEYJ471	S.M.CARB 0.1W 5% 470Ω
R909	ERJ6GEYJ222	S.M.CARB 0.1W 5% 2K2Ω
R910	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R911	ERD25TJ561	CARBON 0.25W 5% 560Ω
R913	ERJ6GEYJ183	S.M.CARB 0.1W 5% 18KΩ
R914	ERJ6GEYJ242	S.M.CARB 0.1W 5% 2K4Ω
R915	ERJ6GEYJ182	S.M.CARB 0.1W 5% 1K8Ω
R916	ERJ6GEYJ221	S.M.CARB 0.1W 5% 220Ω
R918	ERJ6GEYJ101	S.M.CARB 0.1W 5% 100Ω
R919	ERQ14AJW390	FUSABLE 14W 5% 39Ω ▲
R920	ERQ14AJW390	FUSABLE 14W 5% 39Ω ▲
R922	ERD25TJ683	CARBON 0.25W 5% 68KΩ
R923	ERD25TJ683	CARBON 0.25W 5% 68KΩ
R924	ERDS1FYJ560	CARBON 0.5W 5% 56Ω
R925	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R926	ERJ6GEY0R00	S.M.CARB 0.1W 5% 0Ω
R927	ERD25TJ122	CARBON 0.25W 5% 1K2Ω
R928	ERD25TJ2R7	CARBON 0.25W 5% 2R7Ω

Ref No.	Part No.	Description				
R929	ERDS1FYJ471	CARBON 0.5W	5%	470Ω	Δ	
R930	ERD25TJ2R7	CARBON 0.25W	5%	2R7Ω		
R931	ERDS1FYJ390	CARBON 0.5W	5%	39Ω	Δ	
R932	ERDS1FYJ101	CARBON 0.5W	5%	100Ω	Δ	
R933	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R934	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω		
R935	ERQ14AJW3R9	FUSABLE 14W	5%	3R9Ω	Δ	
R936	ERQ1CJP102	METAL 1W	5%	1KΩ	Δ	
R937	ERQ14AJW100	METAL 0.25W	5%	10Ω	Δ	
R938	ERD25TJ122	CARBON 0.25W	5%	1K2Ω		
R940	ERD25TJ3R3	CARBON 0.25W	5%	3R3Ω		
R941	ERD25TJ3R3	CARBON 0.25W	5%	3R3Ω		
R1054	ERD25TJ101	CARBON 0.25W	5%	100Ω		
R1057	ERD25TJ101	CARBON 0.25W	5%	100Ω		
R1058	ERD25TJ471	CARBON 0.25W	5%	470Ω		
R1059	ERD25TJ103	CARBON 0.25W	5%	10KΩ		
R1061	ERD25TJ103	CARBON 0.25W	5%	10KΩ		
R1062	ERD25TJ222	CARBON 0.25W	5%	2K2Ω		
R1063	ERD25TJ222	CARBON 0.25W	5%	2K2Ω		
R1064	ERD25TJ332	CARBON 0.25W	5%	3K3Ω		
R1065	ERD25TJ512	CARBON 0.25W	5%	5K1Ω		
R1066	ERD25TJ912	CARBON 0.25W	5%	9K1Ω		
R1101	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1102	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1103	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1104	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1105	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1106	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1107	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1108	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1111	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1112	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1113	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1116	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1117	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1118	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1119	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1120	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1121	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1122	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1123	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1124	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1125	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1126	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1127	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1128	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω		
R1129	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω		
R1133	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1134	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1135	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R1136	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω		
R1137	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω		
R1138	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1140	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1142	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1143	ERJ6GEYJ392	S.M.CARB 0.1W	5%	3K9Ω		
R1144	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R1145	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1149	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ		
R1150	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1151	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1152	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1153	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1154	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1156	ERJ6GEYJ182	S.M.CARB 0.1W	5%	1K8Ω		
R1163	ERJ6GEYJ152	S.M.CARB 0.1W	5%	1K5Ω		
R1164	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1169	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R1170	ERJ6GEYJ332	S.M.CARB 0.1W	5%	3K3Ω		
R1171	ERJ6GEYJ682	S.M.CARB 0.1W	5%	6K8Ω		
R1172	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω		
R1174	ERDS1TJ561	CARBON 0.5W	5%	560Ω		

Ref No.	Part No.	Description				
R1182	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1183	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1184	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1185	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1186	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1188	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω		
R1190	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R1191	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R1192	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R1193	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1194	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1301	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R1302	ERJ6GEYJ392	S.M.CARB 0.1W	5%	3K9Ω		
R1305	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω		
R1306	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1307	ERJ6GEYJ562	S.M.CARB 0.1W	5%	5K6Ω		
R1308	ERJ6GEYJ105	S.M.CARB 0.1W	5%	1MΩ		
R1313	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R1315	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1317	ERJ6GEYJ181	S.M.CARB 0.1W	5%	180Ω		
R1318	ERJ6GEYJ181	S.M.CARB 0.1W	5%	180Ω		
R1319	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R1320	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1321	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1322	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1323	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R1324	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1325	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1326	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1327	ERJ6GEYJ470	S.M.CARB 0.1W	5%	47Ω		
R1328	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R1329	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R1337	ERJ6GEYJ562	S.M.CARB 0.1W	5%	5K6Ω		
R1340	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R1501	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω		
R1502	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω		
R1504	ERJ6GEYJ121	S.M.CARB 0.1W	5%	120Ω		
R1507	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R1508	ERJ6GEYJ121	S.M.CARB 0.1W	5%	120Ω		
R1510	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1511	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R1513	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R1515	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R1516	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R1517	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R1518	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1519	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1520	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1523	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1550	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω		
R1551	ERJ6GEYJ180	S.M.CARB 0.1W	5%	18Ω		
R1552	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω		
R1554	ERJ6GEYJ180	S.M.CARB 0.1W	5%	18Ω		
R1555	ERJ6GEYJ331	S.M.CARB 0.1W	5%	330Ω		
R1560	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1561	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1562	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1563	ERJ6GEYJ180	S.M.CARB 0.1W	5%	18Ω		
R1568	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω		
R1570	ERJ6GEYJ331	S.M.CARB 0.1W	5%	330Ω		
R1572	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω		
R1575	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω		
R1576	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω		
R1577	ERJ6GEYJ750	S.M.CARB 0.1W	5%	75Ω		
R1578	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω		
R1581	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1605	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1606	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1608	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1620	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R1621	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R1622	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		

Ref No.	Part No.	Description			
R1624	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1625	ERJ6GEYJ271	S.M.CARB 0.1W	5%	270Ω	
R1626	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R1627	ERJ6GEYJ622	SM.CARB0.125W	5%	6.2KΩ	
R1628	ERJ6GEYJ151	S.M.CARB 0.1W	5%	150Ω	
R1629	ERJ6GEYJ201	S.M.CARB 0.1W	5%	200Ω	
R1630	ERJ6GEYJ181	S.M.CARB 0.1W	5%	180Ω	
R1631	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R1632	ERJ6GEYJ133	SM.CARB0.125W	5%	13KΩ	
R1633	ERJ6GEYJ151	S.M.CARB 0.1W	5%	150Ω	
R1634	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1641	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1643	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R1644	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1646	ERJ6GEYJ331	S.M.CARB 0.1W	5%	330Ω	
R1647	ERJ6GEYJ151	S.M.CARB 0.1W	5%	150Ω	
R1648	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1649	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1650	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1652	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R1653	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1654	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1656	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R1659	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1662	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1666	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1667	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1668	ERJ6GEYJ560	S.M.CARB 0.1W	5%	56Ω	
R1679	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R1680	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R1681	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1682	ERJ6GEYJ151	S.M.CARB 0.1W	5%	150Ω	
R1683	ERJ6GEYJ151	S.M.CARB 0.1W	5%	150Ω	
R1688	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R1701	ERJ6GEYJ180	S.M.CARB 0.1W	5%	18Ω	
R1703	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R1704	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R1705	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R1706	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R1707	ERJ6GEYJ180	S.M.CARB 0.1W	5%	18Ω	
R1710	ERJ6GEYJ180	S.M.CARB 0.1W	5%	18Ω	
R1713	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω	
R1716	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1724	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R1730	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω	
R1777	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R1778	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω	
R1801	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1802	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1803	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1804	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R1805	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R1806	ERJ6GEYJ823	S.M.CARB 0.1W	5%	82KΩ	
R1807	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω	
R1808	ERJ6GEYJ100	S.M.CARB 0.1W	5%	10Ω	
R1809	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R1810	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R1811	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω	
R1814	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1815	ERJ6GEYJ562	S.M.CARB 0.1W	5%	5K6Ω	
R1816	ERJ6GEYJ152	S.M.CARB 0.1W	5%	1K5Ω	
R1817	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1818	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1819	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1820	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1821	ERQ14AJW221	FUSABLE 14W	5%	220Ω	△
R1823	ERJ6GEYJ563	S.M.CARB 0.1W	5%	56KΩ	
R1833	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R1834	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R1835	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω	
R1839	ERJ6GEYJ225	SM.CARB0.125W	5%	2.2MΩ	
R1841	ERJ6GEYJ682	S.M.CARB 0.1W	5%	6K8Ω	

Ref No.	Part No.	Description			
R1842	ERJ6GEYJ121	S.M.CARB 0.1W	5%	120Ω	
R1843	ERJ6GEYJ121	S.M.CARB 0.1W	5%	120Ω	
R1844	ERJ6GEYJ121	S.M.CARB 0.1W	5%	120Ω	
R1860	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R1861	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R1862	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R1863	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R1864	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R1866	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1867	ERJ6GEYJ681	S.M.CARB 0.1W	5%	680Ω	
R1868	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1873	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1874	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1875	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1877	ERC14GJ206D	SOLID 14W	5%	20MΩ	
R1878	ERC14GJ206D	SOLID 14W	5%	20MΩ	
R1879	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1880	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1881	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1882	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1883	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1884	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R1896	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1897	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1898	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R1899	ERJ6GEYJ122	S.M.CARB 0.1W	5%	1K2Ω	
R1901	ERG1SJ680	METAL 1W	5%	68Ω	△
R1903	ERD25TJ154	CARBON 0.25W	5%	150KΩ	
R1904	ERD25TJ154	CARBON 0.25W	5%	150KΩ	
R1905	ERD25TJ154	CARBON 0.25W	5%	150KΩ	
R1906	ERD25TJ753	CARBON 0.25W	5%	75KΩ	
R1908	ERD25TJ682	CARBON 0.25W	5%	6K8Ω	
R1909	ERD25TJ362	CARBON 0.25W	5%	3.6KΩ	
R2001	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R2002	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2004	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2005	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R2006	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R2007	ERJ6GEYJ183	S.M.CARB 0.1W	5%	18KΩ	
R2008	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R2009	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R2010	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R2011	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R2012	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R2013	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R2014	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R2015	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R2016	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R2017	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R2018	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R2019	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R2020	ERJ6GEYJ562	S.M.CARB 0.1W	5%	5K6Ω	
R2021	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2022	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R2023	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R2024	ERD25TJ221	CARBON 0.25W	5%	220Ω	
R2038	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R2040	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ	
R2041	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R2044	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R2045	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω	
R2351	ERQ14AJW100	METAL 0.25W	5%	10Ω	△
R2352	ERD25TJ101	CARBON 0.25W	5%	100Ω	
R2353	ERD25TJ101	CARBON 0.25W	5%	100Ω	
R2354	ERD25TJ473	CARBON 0.25W	5%	47KΩ	
R2355	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2356	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2357	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2358	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2359	ERD25TJ271	CARBON 0.25W	5%	270Ω	
R2360	ERD25TJ183	CARBON 0.25W	5%	18KΩ	
R2361	ERD25TJ100	CARBON 0.25W	5%	10Ω	

Ref No.	Part No.	Description				
R2371	ERQ14AJW100	METAL 0.25W	5%	10Ω		Δ
R2372	ERD25TJ101	CARBON 0.25W	5%	100Ω		
R2373	ERD25TJ101	CARBON 0.25W	5%	100Ω		
R2374	ERD25TJ473	CARBON 0.25W	5%	47KΩ		
R2375	ERD25TJ102	CARBON 0.25W	5%	1KΩ		
R2376	ERD25TJ102	CARBON 0.25W	5%	1KΩ		
R2377	ERD25TJ102	CARBON 0.25W	5%	1KΩ		
R2378	ERD25TJ102	CARBON 0.25W	5%	1KΩ		
R2379	ERD25TJ271	CARBON 0.25W	5%	270Ω		
R2380	ERD25TJ183	CARBON 0.25W	5%	18KΩ		
R2381	ERD25TJ100	CARBON 0.25W	5%	10Ω		
R2401	ERJ6GEYJ563	S.M.CARB 0.1W	5%	56KΩ		
R2402	ERJ6GEYJ563	S.M.CARB 0.1W	5%	56KΩ		
R2403	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2404	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2405	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ		
R2406	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω		
R2408	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2409	ERJ6GEYJ1R0	SM.CARB0.125W	5%	1R0Ω		
R2410	ERJ6GEYJ123	S.M.CARB 0.1W	5%	12KΩ		
R2411	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R2412	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ		
R2416	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2417	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2418	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2419	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2420	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2421	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2422	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2423	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2424	ERJ6GEYJ332	S.M.CARB 0.1W	5%	3K3Ω		
R2425	ERJ6GEYJ273	S.M.CARB 0.1W	5%	27KΩ		
R2426	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2427	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2428	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω		
R2430	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ		
R2431	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ		
R2434	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R2435	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R2436	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2437	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω		
R2438	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2439	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω		
R2440	ERJ6GEYJ273	S.M.CARB 0.1W	5%	27KΩ		
R2441	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2442	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2443	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ		
R2444	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2445	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ		
R2446	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2447	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R2448	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ		
R2449	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R2450	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2451	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2452	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R2453	ERJ6GEYJ224	S.M.CARB 0.1W	5%	220KΩ		
R2454	ERJ6GEYJ224	S.M.CARB 0.1W	5%	220KΩ		
R2455	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2456	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω		
R2457	ERJ6GEYJ273	S.M.CARB 0.1W	5%	27KΩ		
R2458	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2459	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2460	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ		
R2461	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2462	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2463	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2464	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R2465	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2466	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω		
R2467	ERJ6GEYJ273	S.M.CARB 0.1W	5%	27KΩ		
R2468	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		

Ref No.	Part No.	Description				
R2469	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2470	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ		
R2471	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2472	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ		
R2473	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2474	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2475	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2476	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω		
R2477	ERJ6GEYJ474	S.M.CARB 0.1W	5%	470KΩ		
R2478	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R2479	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2480	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2481	ERJ6GEYJ471	S.M.CARB 0.1W	5%	470Ω		
R2482	ERJ6GEYJ474	S.M.CARB 0.1W	5%	470KΩ		
R2483	ERJ6GEYJ272	S.M.CARB 0.1W	5%	2K7Ω		
R2484	ERJ6GEYJ273	S.M.CARB 0.1W	5%	27KΩ		
R2485	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2486	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2487	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R2488	ERJ6GEYJ105	S.M.CARB 0.1W	5%	1MΩ		
R2489	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ		
R2490	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R2491	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ		
R2492	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R2493	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R2494	ERJ6GEYJ273	S.M.CARB 0.1W	5%	27KΩ		
R2495	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2496	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2497	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω		
R2498	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2499	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2502	ERDS1TJ154	CARBON 0.5W	5%	150K		
R2503	ERDS1TJ184	CARBON 0.5W	5%	180K		
R2504	ERG5FJ473	METAL 5W	5%	47KΩ		Δ
R2505	ERG1FJ101P	METAL 1W	5%	100Ω		Δ
R2506	ERG1FJ101P	METAL 1W	5%	100Ω		Δ
R2507	ERD2FCVJ4R7P	CARBON 2W	5%	4R7Ω		
R2508	ERW12PKR33	WOUND 0.5W	10%	R33Ω		Δ
R2509	ERD2FCVJ4R7P	CARBON 2W	5%	4R7Ω		
R2510	TSF19252	FS LINK				Δ
R2511	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2512	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2513	TSF19252	FS LINK				Δ
R2514	TSF19632	FS LINK				Δ
R2515	ERG3FJ101	METAL 3W	5%	100Ω		Δ
R2516	ERG3FJ101	METAL 3W	5%	100Ω		Δ
R2517	ERDS1TJ2R2	CARBON 0.5W	5%	2.2Ω		
R2518	ERD25TJ101	CARBON 0.25W	5%	100Ω		
R2519	ERD25TJ102	CARBON 0.25W	5%	1KΩ		
R2520	ERDS1TJ103	CARBON 0.5W	5%	10KΩ		
R2521	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ		
R2522	ERJ6GEYJ821	S.M.CARB 0.1W	5%	820Ω		
R2523	ERG3FJ471	METAL 3W	5%	470Ω		Δ
R2524	ERG3FJ471	METAL 3W	5%	470Ω		Δ
R2525	ERJ6GEYJ123	S.M.CARB 0.1W	5%	12KΩ		
R2526	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2527	ERJ6GEYJ2R2	SM.CARB0.125W	5%	2R2Ω		
R2528	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ		
R2529	ERJ6GEYJ122	S.M.CARB 0.1W	5%	1K2Ω		
R2530	ERJ6GEYJ123	S.M.CARB 0.1W	5%	12KΩ		
R2531	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω		
R2532	ERJ6GEYJ2R2	SM.CARB0.125W	5%	2R2Ω		
R2534	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2535	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2536	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω		
R2537	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2538	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ		
R2539	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2540	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2541	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2542	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		
R2543	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ		

Ref No.	Part No.	Description			
R2544	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2545	ERJ6GEYJ393	S.M.CARB 0.1W	5%	39KΩ	
R2546	ERJ6GEYJ183	S.M.CARB 0.1W	5%	18KΩ	
R2547	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R2548	ERJ6GEYJ221	S.M.CARB 0.1W	5%	220Ω	
R2549	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R2550	ERJ6GEYJ105	S.M.CARB 0.1W	5%	1MΩ	
R2564	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R2565	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R2566	ERJ6GEYJ224	S.M.CARB 0.1W	5%	220KΩ	
R2569	ERJ6GEYJ223	S.M.CARB 0.1W	5%	22KΩ	
R2570	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2571	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2572	ERJ6GEYJ472	S.M.CARB 0.1W	5%	4K7Ω	
R2573	ERJ6GEYJ124	S.M.CARB 0.1W	5%	120KΩ	
R2574	ERJ6GEYJ124	S.M.CARB 0.1W	5%	120KΩ	
R2575	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R2576	ERJ6GEYJ101	S.M.CARB 0.1W	5%	100Ω	
R2577	ERJ6GEYJ183	S.M.CARB 0.1W	5%	18KΩ	
R2578	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2579	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2580	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2581	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2582	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2583	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2584	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2585	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2586	ERJ6GEYJ561	S.M.CARB 0.1W	5%	560Ω	
R2587	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2588	ERJ6GEYJ222	S.M.CARB 0.1W	5%	2K2Ω	
R2589	ERJ6GEYJ392	S.M.CARB 0.1W	5%	3K9Ω	
R2590	ERJ6GEYJ822	S.M.CARB 0.1W	5%	8K2Ω	
R2591	ERJ6GEYJ153	S.M.CARB 0.1W	5%	15KΩ	
R2592	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R2593	ERJ6GEYJ683	S.M.CARB 0.1W	5%	68KΩ	
R2594	ERJ6GEYJ124	S.M.CARB 0.1W	5%	120KΩ	
R2596	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2597	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2598	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2703	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R2704	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2705	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R2706	ERJ6GEY0R00	S.M.CARB 0.1W	5%	0Ω	
R2707	ERJ6GEYJ391	S.M.CARB 0.1W	5%	390Ω	
R2708	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2709	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2710	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2711	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2712	ERJ6GEYJ622	SM.CARB0.125W	5%	6.2KΩ	
R2713	ERJ6GEYJ622	SM.CARB0.125W	5%	6.2KΩ	
R2714	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2715	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2716	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2717	ERJ6GEYJ622	SM.CARB0.125W	5%	6.2KΩ	
R2718	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2719	ERD25TJ273	CARBON 0.25W	5%	27KΩ	
R2720	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2721	ERD25TJ153	CARBON 0.25W	5%	15KΩ	
R2722	EVMEASA00B53	CONTROL		5KΩ	
R2723	ERD25TJ682	CARBON 0.25W	5%	6K8Ω	
R2724	EVMEASA00B53	CONTROL		5KΩ	
R2725	ERO25CKF1272	METAL 25W	1%	13KΩ	△
R2726	ERO25CKF3242	METAL 25W	1%	32KΩ	△
R2727	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2728	ERDS1FJ103	CARBON 0.5W	5%	10KΩ	
R2729	ERD25TJ472	CARBON 0.25W	5%	4K7Ω	
R2730	ERDS1FJ103	CARBON 0.5W	5%	10KΩ	
R2731	ERD25TJ561	CARBON 0.25W	5%	560Ω	
R2732	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2733	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2734	ERD25TJ564	CARBON 0.25W	5%	560KΩ	
R2735	ERDS1FYJ561P	CARBON 0.5W	5%	560Ω	

Ref No.	Part No.	Description			
R2736	ERD25TJ820	CARBON 0.25W	5%	82Ω	
R2738	EVMEASA00B53	CONTROL		5KΩ	
R2739	ERD25TJ472	CARBON 0.25W	5%	4K7Ω	
R2741	ERD25TJ101	CARBON 0.25W	5%	100Ω	
R2742	ERDS1FYJ123P	CARBON 0.5W	5%	12KΩ	
R2743	ERC12GK104V	DIODE			
R2744	ERD25TJ125	CARBON 0.25W	5%	1M2Ω	
R2745	ERD25TJ125	CARBON 0.25W	5%	1M2Ω	
R2746	ERD25TJ104	CARBON 0.25W	5%	100KΩ	
R2747	ERG2SJ123P	METAL 2W	5%	12KΩ	△
R2748	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2749	ERDS1FYJ332P	CARBON 0.5W	5%	3.3KΩ	
R2750	ERQ3CJ102H	FUSABLE 3W	5%	1.0KΩ	△
R2751	ERD25TJ334	CARBON 0.25W	5%	330KΩ	
R2752	ERD25TJ101	CARBON 0.25W	5%	100Ω	
R2753	ERG2SJ561	CAPACITOR		560pF	
R2754	ERD25TJ473	CARBON 0.25W	5%	47KΩ	
R2755	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2756	ERD25TJ104	CARBON 0.25W	5%	100KΩ	
R2757	ERD25TJ104	CARBON 0.25W	5%	100KΩ	
R2758	ERD25TJ104	CARBON 0.25W	5%	100KΩ	
R2759	ERD25TJ104	CARBON 0.25W	5%	100KΩ	
R2760	ERD25TJ622	CARBON 0.25W	5%	6K2Ω	
R2761	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2762	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2763	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2764	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2767	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2770	ERD25TJ123	CARBON 0.25W	5%	12KΩ	
R2772	ERQ1CJP471	FUSABLE 1W	X%	470Ω	△
R2773	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2774	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2775	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2776	ERD25TJ102	CARBON 0.25W	5%	1KΩ	
R2777	ERD25TJ472	CARBON 0.25W	5%	4K7Ω	
R2779	ERG1SJ331	METAL 1W	5%	330Ω	△
R2780	ERD25TJ153	CARBON 0.25W	5%	15KΩ	
R2781	ERQ14AJW220	FUSABLE 14W	5%	22Ω	△
R2782	ERD25TJ333	CARBON 0.25W	5%	33KΩ	
R2783	ERD25TJ823	CARBON 0.25W	5%	82KΩ	
R2784	ERD25TJ123	CARBON 0.25W	5%	12KΩ	
R2785	ERDS1FYJ102P	CARBON 0.5W	5%	1.0KΩ	
R2786	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2787	ERD25TJ332	CARBON 0.25W	5%	3K3Ω	
R2788	ERD25TJ684	CARBON 0.25W	5%	680KΩ	
R2789	ERD25TJ221	CARBON 0.25W	5%	220Ω	
R2790	ERD25TJ562	CARBON 0.25W	5%	5K6Ω	
R2791	ERD25TJ123	CARBON 0.25W	5%	12KΩ	
R2794	ERD25TJ683	CARBON 0.25W	5%	68KΩ	
R2795	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2796	ERD25TJ392	CARBON 0.25W	5%	3K9Ω	
R2797	ERD25TJ183	CARBON 0.25W	5%	18KΩ	
R2798	ERD25TJ103	CARBON 0.25W	5%	10KΩ	
R2801	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R2802	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2803	ERJ6GEYJ103	S.M.CARB 0.1W	5%	10KΩ	
R2804	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2805	ERJ6GEYJ563	S.M.CARB 0.1W	5%	56KΩ	
R2806	ERJ6GEYJ154	S.M.CARB 0.1W	5%	150KΩ	
R2807	ERJ6GEYJ474	S.M.CARB 0.1W	5%	470KΩ	
R2808	ERJ6GEYJ393	S.M.CARB 0.1W	5%	39KΩ	
R2809	ERJ6GEYJ184	S.M.CARB 0.1W	5%	180KΩ	
R2810	ERJ6GEYJ184	S.M.CARB 0.1W	5%	180KΩ	
R2811	ERJ6GEYJ393	S.M.CARB 0.1W	5%	39KΩ	
R2812	ERJ6GEYJ474	S.M.CARB 0.1W	5%	470KΩ	
R2813	ERJ6GEYJ104	S.M.CARB 0.1W	5%	100KΩ	
R2814	ERJ6GEYJ184	S.M.CARB 0.1W	5%	180KΩ	
R2815	ERJ6GEYJ333	S.M.CARB 0.1W	5%	33KΩ	
R2816	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2817	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	
R2818	ERJ6GEYJ102	S.M.CARB 0.1W	5%	1KΩ	
R2819	ERJ6GEYJ473	S.M.CARB 0.1W	5%	47KΩ	

Ref No.	Part No.	Description			
R2820	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R2821	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KΩ
R2822	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R2823	ERJ6GEYJ473	S.M.CARB	0.1W	5%	47KΩ
R3006	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3111	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3112	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3114	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω
R3115	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3117	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3118	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω
R3119	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KΩ
R3120	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3121	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3122	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KΩ
R3123	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3124	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3125	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47Ω
R3126	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3127	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3128	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3129	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3130	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω
R3131	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω
R3132	ERD2FCVG100T	CARBON	2W	2%	10Ω
R3133	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3134	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3135	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3136	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3137	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3138	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47Ω
R3139	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3140	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3141	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3142	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3143	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KΩ
R3144	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3145	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3146	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KΩ
R3147	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3148	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3149	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3150	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47Ω
R3151	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3152	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3153	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3154	ERD2FCVG100T	CARBON	2W	2%	10Ω
R3156	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470Ω
R3157	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω
R3158	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47Ω
R3159	ERJ6GEYJ681	S.M.CARB	0.1W	5%	680Ω
R3160	ERJ6GEYJ563	S.M.CARB	0.1W	5%	56KΩ
R3161	ERJ6GEYJ121	S.M.CARB	0.1W	5%	120Ω
R3162	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3163	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3164	ERJ6GEYJ182	S.M.CARB	0.1W	5%	1K8Ω
R3165	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ
R3166	ERJ6GEYJ822	S.M.CARB	0.1W	5%	8K2Ω
R3167	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ
R3168	ERD2FCVG100T	CARBON	2W	2%	10Ω
R3169	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3170	ERJ6GEYJ222	S.M.CARB	0.1W	5%	2K2Ω
R3171	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KΩ
R3172	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5Ω
R3173	ERJ6GEYJ561	S.M.CARB	0.1W	5%	560Ω
R3174	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5Ω
R3175	ERJ6GEYJ562	S.M.CARB	0.1W	5%	5K6Ω
R3178	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3180	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3182	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3184	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3185	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KΩ

Ref No.	Part No.	Description			
R3186	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3187	ERJ6GEYJ333	S.M.CARB	0.1W	5%	33KΩ
R3188	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3192	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3193	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3194	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3195	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3196	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47Ω
R3197	ERD2FCVG100T	CARBON	2W	2%	10Ω
R3198	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47Ω
R3199	ERJ6GEYJ470	S.M.CARB	0.1W	5%	47Ω
R3200	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3201	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3Ω
R3202	ERJ6GEYJ332	S.M.CARB	0.1W	5%	3K3Ω
R3205	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3206	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3207	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3208	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3209	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3210	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5Ω
R3211	ERJ6GEYJ152	S.M.CARB	0.1W	5%	1K5Ω
R3212	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KΩ
R3213	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3214	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3215	ERD2FCVG100T	CARBON	2W	2%	10Ω
R3216	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68Ω
R3217	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3218	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3219	ERJ6GEYJ123	S.M.CARB	0.1W	5%	12KΩ
R3220	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3221	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3222	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68Ω
R3223	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3224	ERJ6GEYJ750	S.M.CARB	0.1W	5%	75Ω
R3225	ERD2FCVG100T	CARBON	2W	2%	10Ω
R3226	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3227	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3228	ERJ6GEYJ680	S.M.CARB	0.1W	5%	68Ω
R3229	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3230	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3231	ERD2FCVG100T	CARBON	2W	2%	10Ω
R3232	ERJ6GEYJ272	S.M.CARB	0.1W	5%	2K7Ω
R3233	ERJ6GEYJ331	S.M.CARB	0.1W	5%	330Ω
R3236	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ
R3237	ERJ6GEYJ103	S.M.CARB	0.1W	5%	10KΩ
R3238	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3239	ERJ6GEYJ153	S.M.CARB	0.1W	5%	15KΩ
R3240	ERJ6GEYJ104	S.M.CARB	0.1W	5%	100KΩ
R3351	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω
R3352	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω
R3353	ERJ6GEYJ474	S.M.CARB	0.1W	5%	470KΩ
R3354	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3355	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390Ω
R3501	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10Ω
R3502	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3503	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470Ω
R3505	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10Ω
R3506	ERJ6GEYJ100	S.M.CARB	0.1W	5%	10Ω
R3507	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω
R3508	ERJ6GEYJ151	S.M.CARB	0.1W	5%	150Ω
R3509	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3513	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470Ω
R3514	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470Ω
R3515	ERJ6GEYJ471	S.M.CARB	0.1W	5%	470Ω
R3516	ERJ6GEYJ472	S.M.CARB	0.1W	5%	4K7Ω
R3517	ERJ6GEYJ102	S.M.CARB	0.1W	5%	1KΩ
R3518	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3520	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω
R3521	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3522	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3523	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3526	ERD25TC0T	CARBON	0.25W	5%	0Ω

Ref No.	Part No.	Description			
R3531	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω
R3532	ERJ6GEYJ391	S.M.CARB	0.1W	5%	390Ω
R3534	ERD25TJ181	CARBON	0.25W	5%	180Ω
R3536	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3539	ERJ6GEY0R00	S.M.CARB	0.1W	5%	0Ω
R3540	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9Ω
R3541	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9Ω
R3542	ERJ6GEYJ392	S.M.CARB	0.1W	5%	3K9Ω
R3802	ERG3FJ100	METAL	3W	5%	10Ω
R3803	ERJ6GEYJ221	S.M.CARB	0.1W	5%	220Ω
R3804	ERJ6GEYJ101	S.M.CARB	0.1W	5%	100Ω

SWITCHES

S801	ESB91232A	SWITCH			
S1051	EVQPB105K	SWITCH			
S1052	EVQPB105K	SWITCH			
S1053	EVQPB105K	SWITCH			
S1054	EVQPB105K	SWITCH			
S1055	EVQPB105K	SWITCH			

Ref No.	Part No.	Description			
TRANSFORMERS					
T501	TLHA003	TRANSFORMER			
T551	ZTFH97039A	F.B.T.			
T801	ETP35KAN615U	TRANSFORMER			
T802	ETS49AH1E7AD	TRANSFORMER			
T803	ETQ24K37AY	LINE FILTER			
T2502	ETS35AA3J7AC	TRANSFORMER			
T2701	ETF18L35A	TRANSFORMER			

FILTERS

X102	EFCV4155A3	CERAMIC FILTER			
X104	J3352K	SAW FILTER			
X106	EFCT6R0MW5	FILTER			
X601	TSSA024	CRYSTAL			
X602	TSSA025	CRYSTAL			
X1101	TAF10020	CRYSTAL			
X1551	TSSA009	CRYSTAL			
X1815	TSSA024	CRYSTAL			
X1816	TSSA025	CRYSTAL			
X1841	TSSA009	CRYSTAL			
X2001	4730007158	CRYSTAL			
X2501	TAF10059	CRYSTAL			
X2502	TAFCSA4.00MG	CRYSTAL			
X3501	TSSA009	CRYSTAL			

SCHEMATIC DIAGRAM FOR MODELS TX–W36D3DP (EURO–3HWS CHASSIS)

IMPORTANT SAFETY NOTICE

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Notes

- RESISTOR**
All resistors are carbon 1/4W resistor, unless marked.
Unit of resistance is OHM (Ω) (K=1,000, M=1,000,000).
- CAPACITOR**
All capacitors are ceramic 50V capacitors, unless marked, the unit of capacitance is μ F unless otherwise stated.
- COIL**
Unit of inductance is μ H, unless otherwise stated.
- TEST POINT**



Test Point Position

- EARTH SYMBOL**



Chassis Earth (cold)



Line Earth (Hot)

- VOLTAGE MEASUREMENT**

Voltage is measured by a DC voltmeter.

Measurement conditions are as follows:

Power source	AC 220–240V, 50Hz
Receiving Signal	Colour Bar signal (RF)
All customer controls	Maximum position

-



Indicates the Video signal path



Indicates the Audio signal path



Indicates the Vertical/Horizontal signal path

- This schematic diagram is the latest at the time of printing and is subject to change without notice.

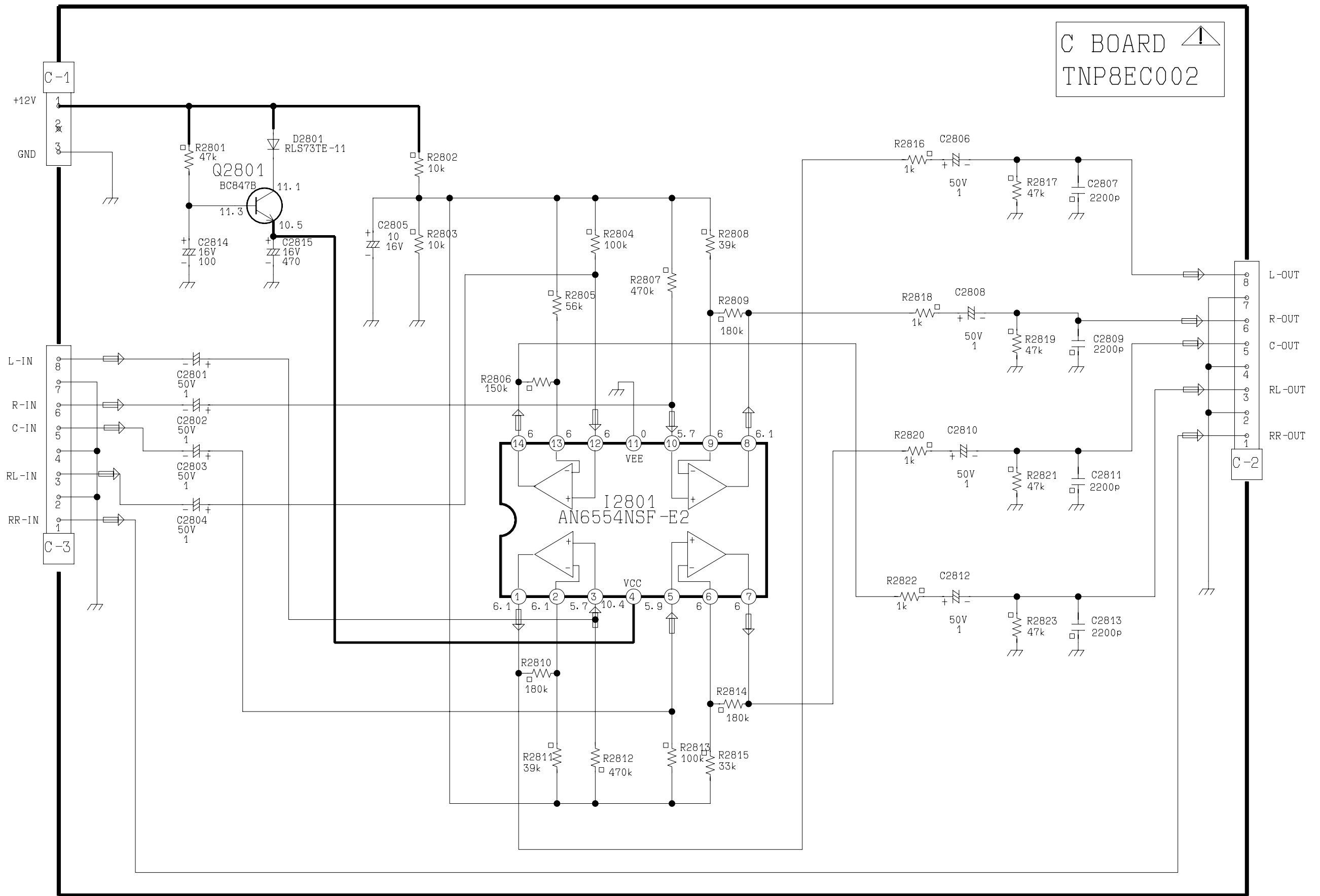
Precautions

- Do not touch the hot part, or the hot and cold parts at the same time, as you are liable to a shock hazard.
- Do not short–circuit the hot and cold circuits as electrical components may be damaged.
- Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously, as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- Make sure to disconnect the power plug before removing the chassis.

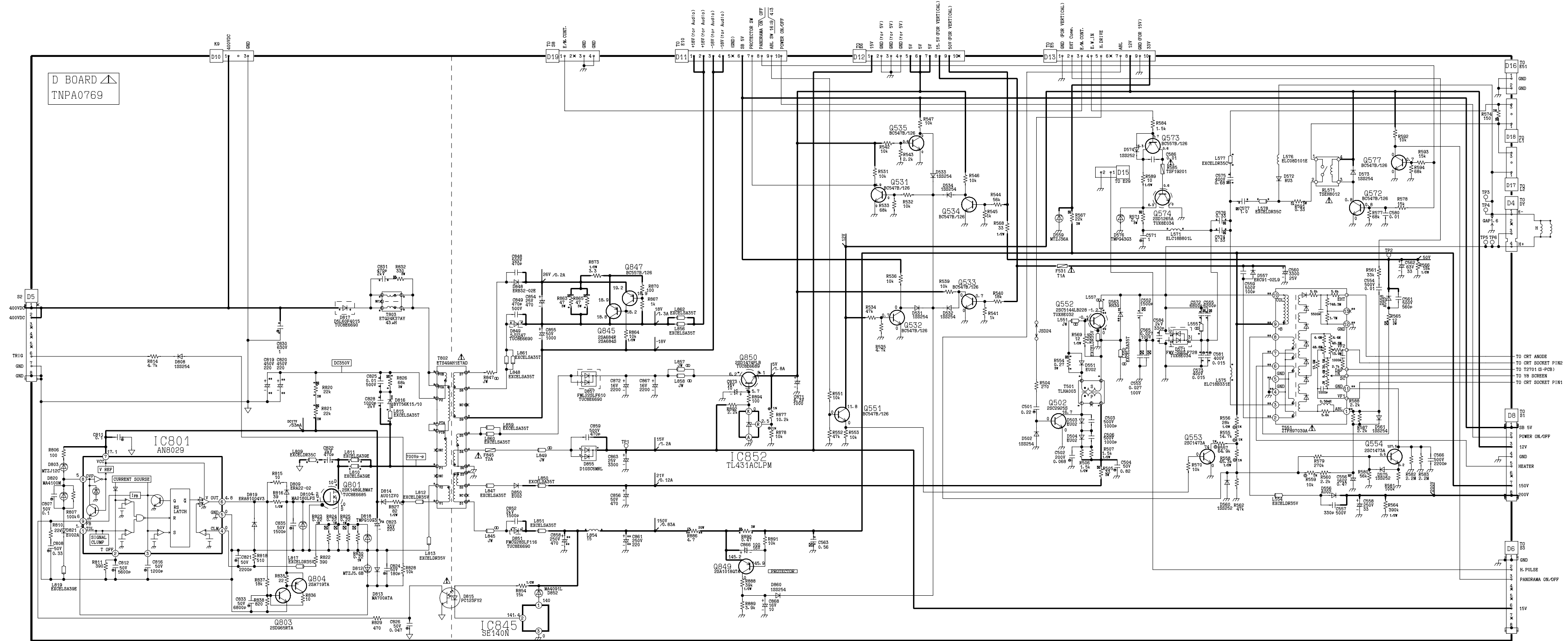
Remarks

- The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD.

C BOARD 
TNP8EC002



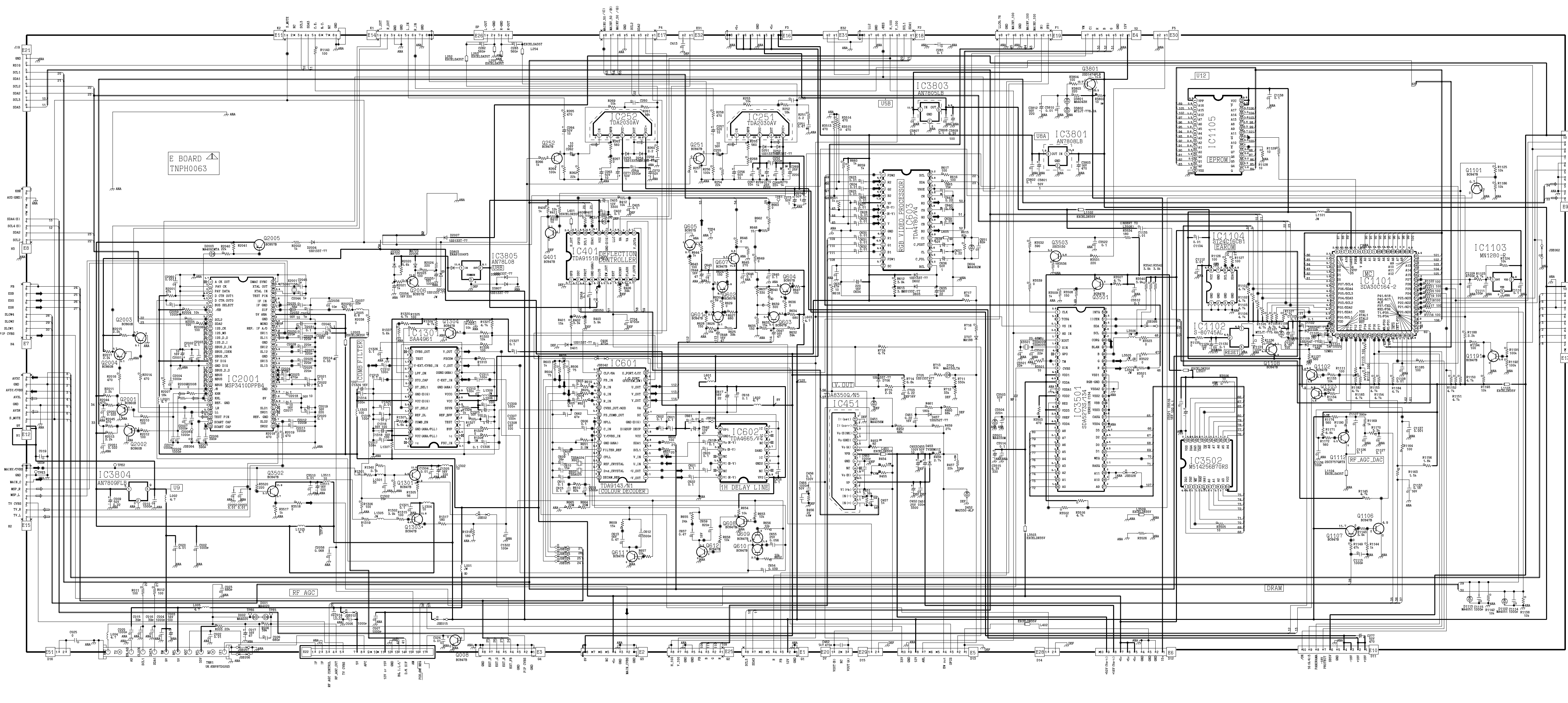
D BOARD
TNPA0769



TO CRT ANODE
TO CRT SOCKET PIN2
TO T2701 (S-PCB)
TO Y8 SCREEN
TO CRT SOCKET PIN1

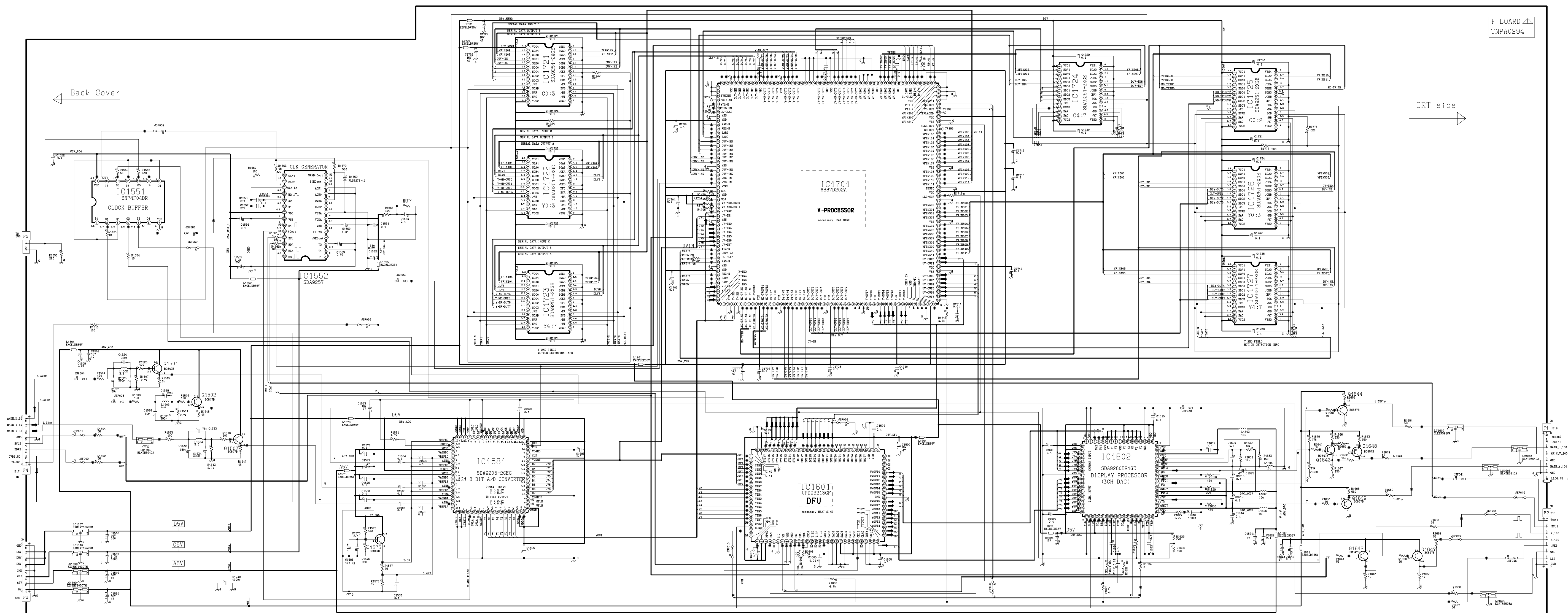
TO S1
5B 5V
12V
GND
HEATER
150V
200V

D6
TO S3
GND
H. PULSE
PANORAMA ON/OFF
15V

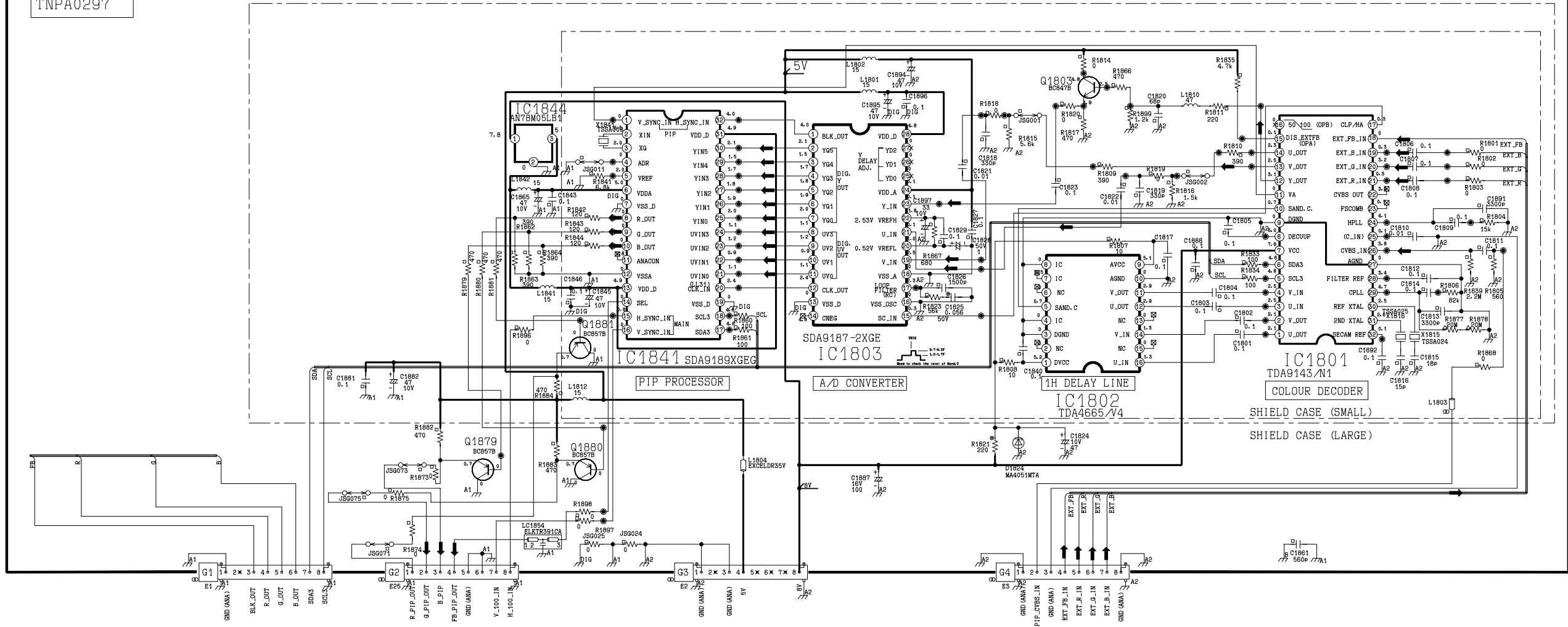


Back Cover

CRT side



G BOARD
TNPA0297

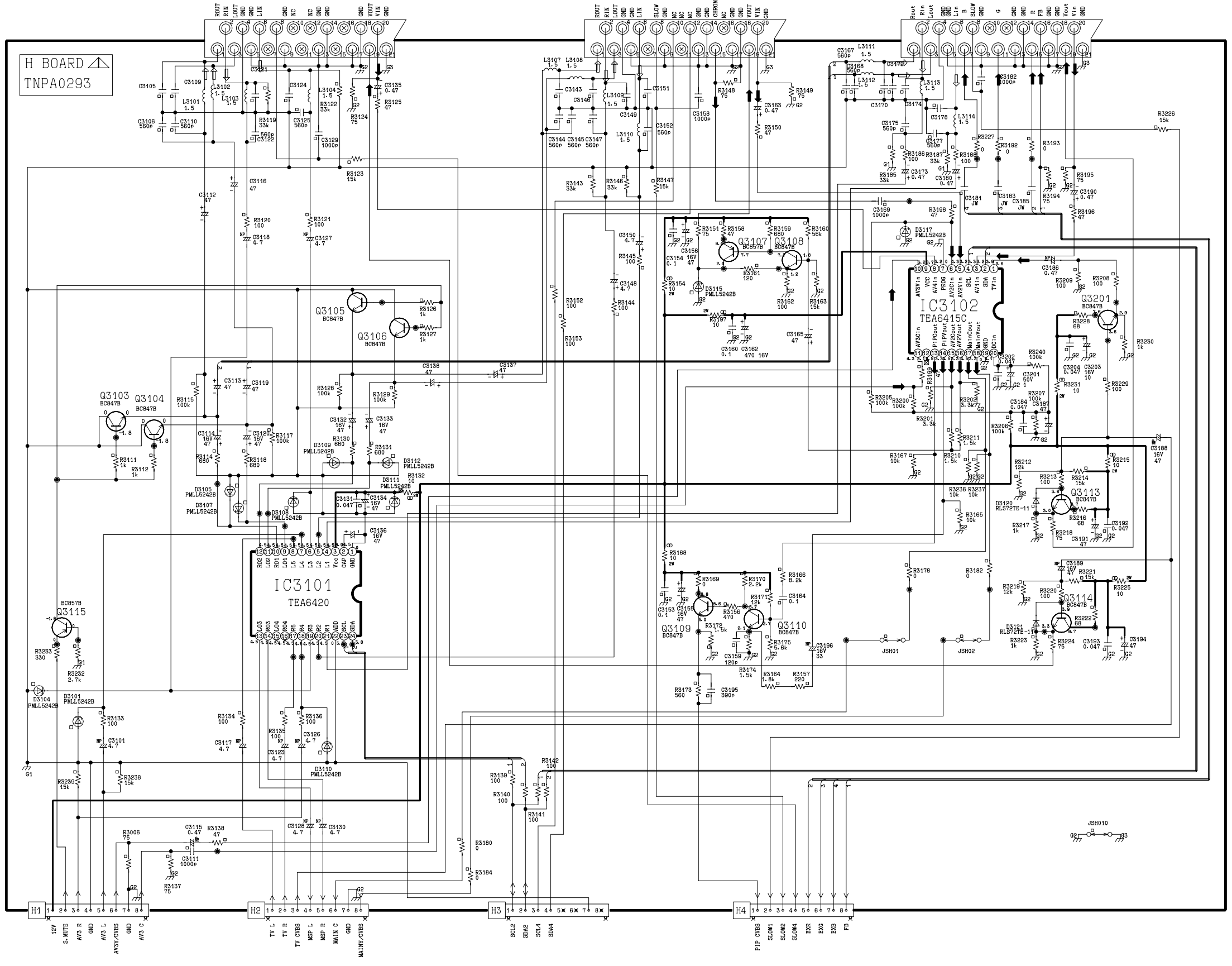


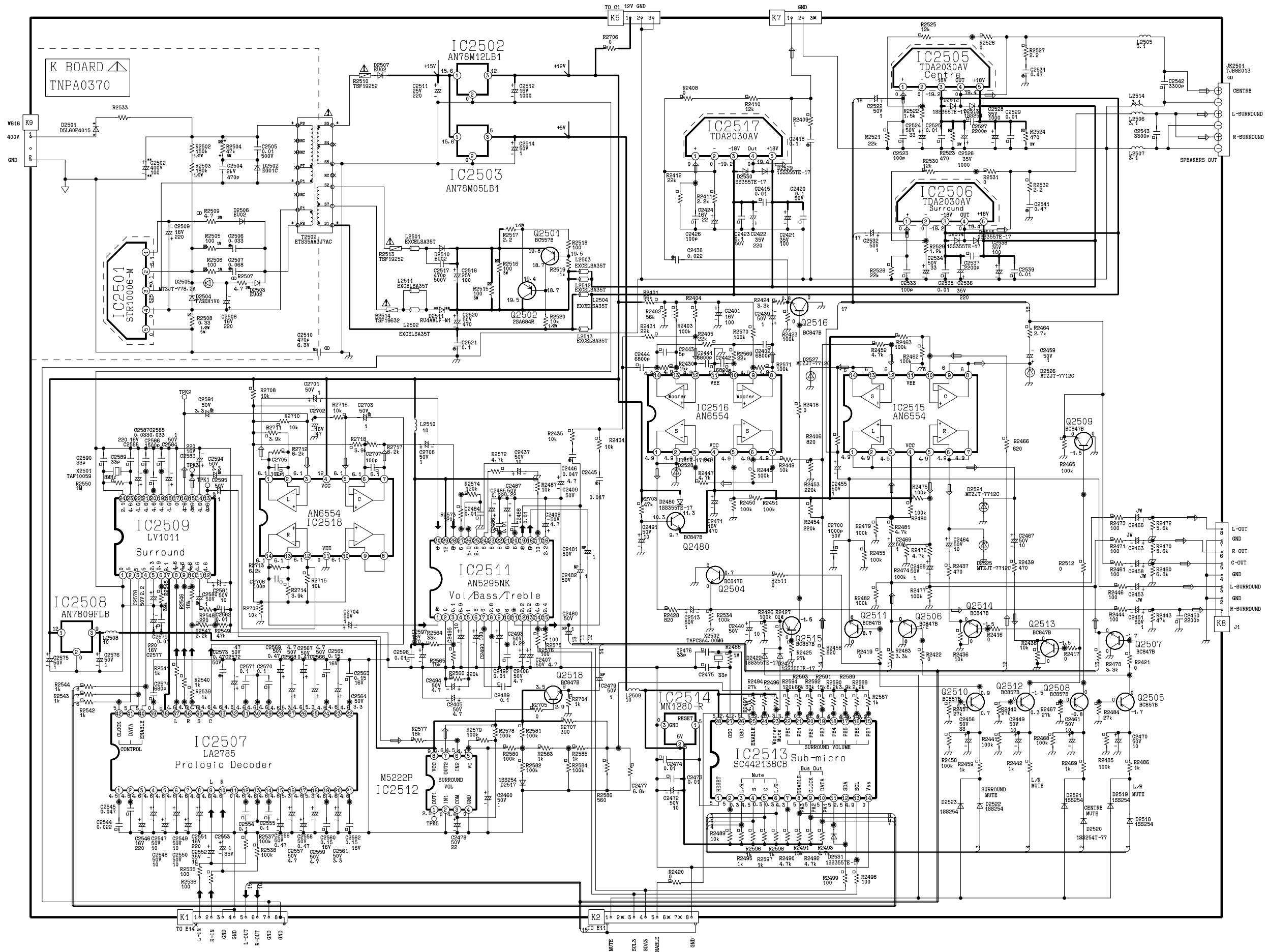
H BOARD
TNPA0293

AV4 JK3104

AV2 JK3102

AV1 JK3101





K BOARD
TNPA0370

IC2501
STR1006-M

IC2502
AN78M12LB1

IC2503
AN78M05LB1

IC2517
TDA2030AV

IC2505
TDA2030AV
Centre

IC2506
TDA2030AV
Surround

IC2509
LV1011
Surround

AN6554
IC2518

IC2511
AN5295NK
Vol/Bass/Treble

IC2516
AN6554

IC2515
AN6554

IC2508
AN7809FLB

IC2507
LA2785
Prologic Decoder

M5222P
IC2512

IC2514
MN1280-R

IC2513
SC442138CB
Sub-micro

Q2510
BC857B

Q2512
BC857B

Q2508
BC857B

L-OUT
GND
R-OUT
C-OUT
GND
L-SURROUND
GND
R-SURROUND

JK2501
TJBBE013
CD
CENTRE
L-SURROUND
R-SURROUND
SPEAKERS OUT

K8

J1

K1

TO E14

L-IN
R-IN
GND
L-OUT
R-OUT
GND

MUTE
SCL3
SDAS
ENABLE
GND

K2

1570 E11

1 2 3 4 5 6 X 7 X 8

TO C1 12V GND

K5

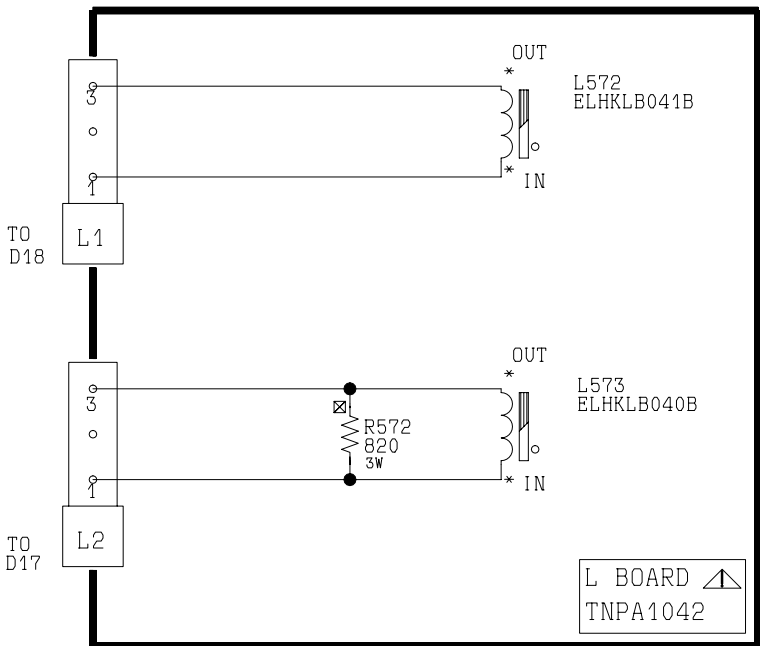
1 2 3

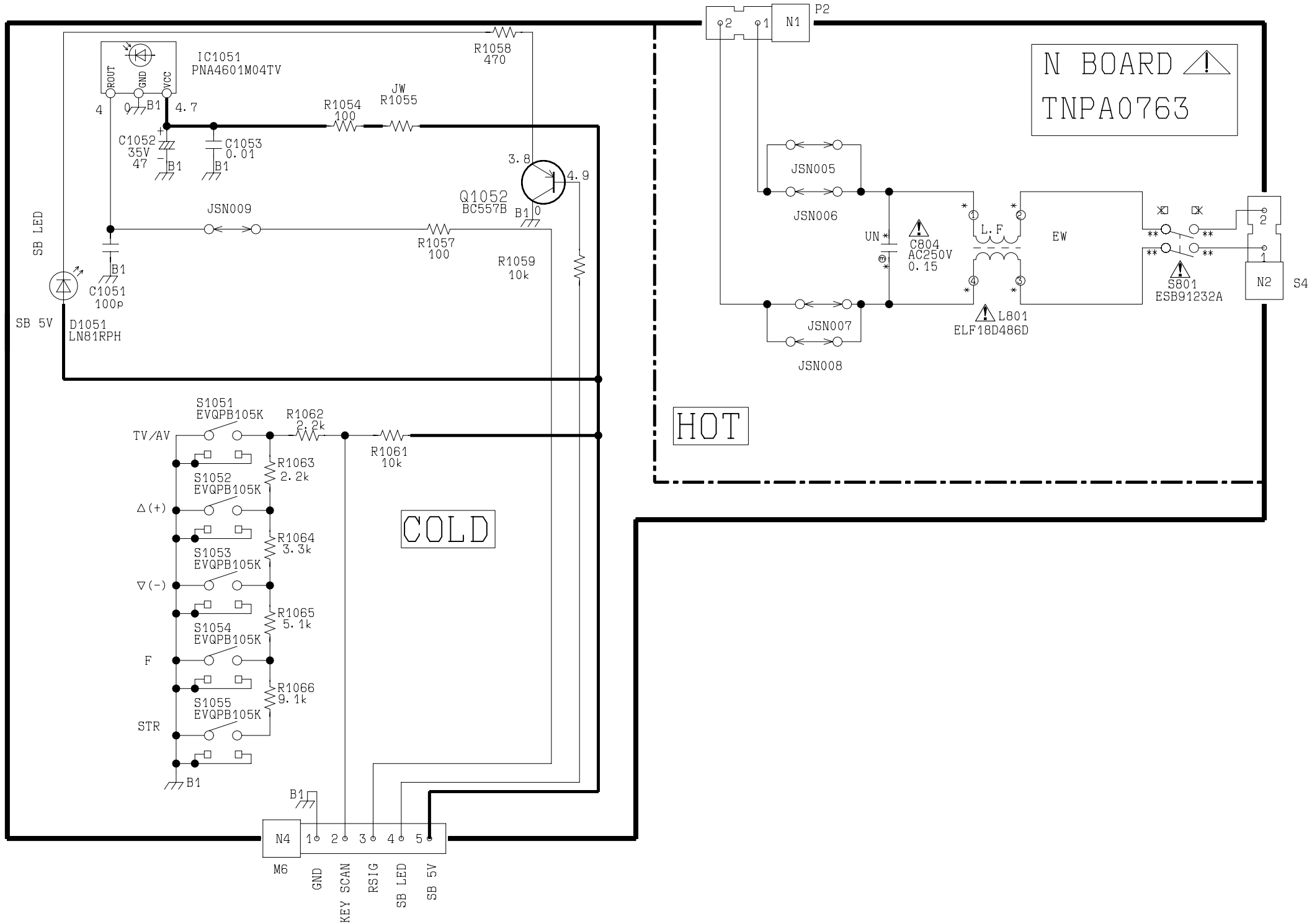
GND

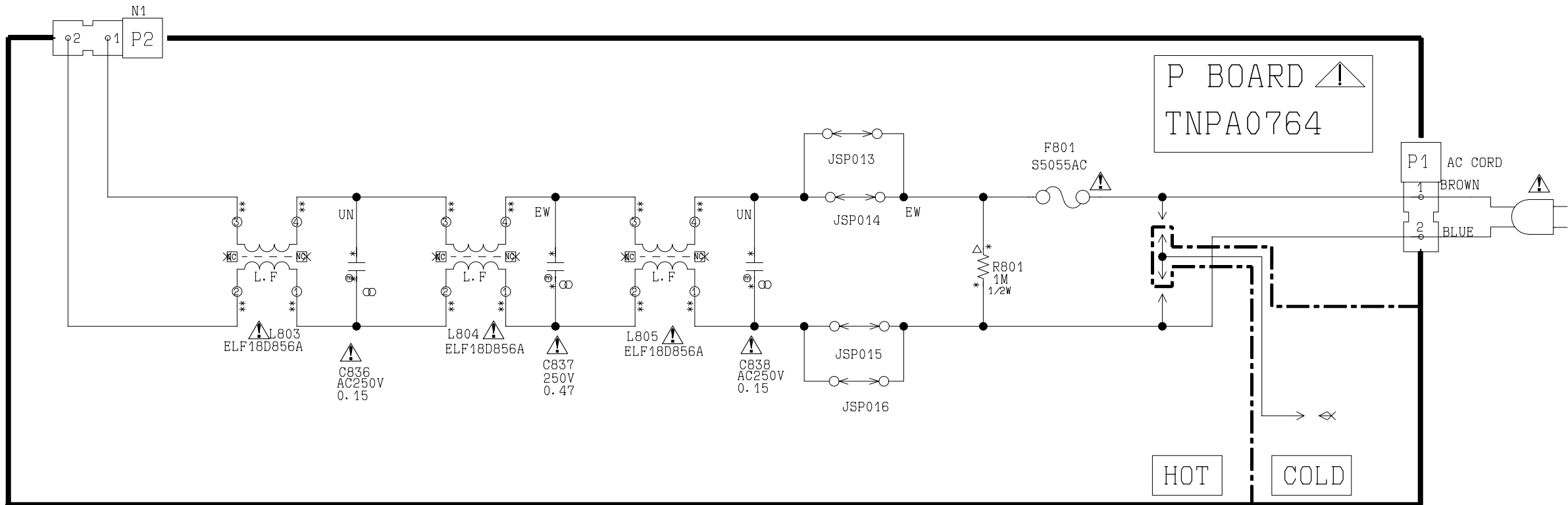
K7

1 2 3 X

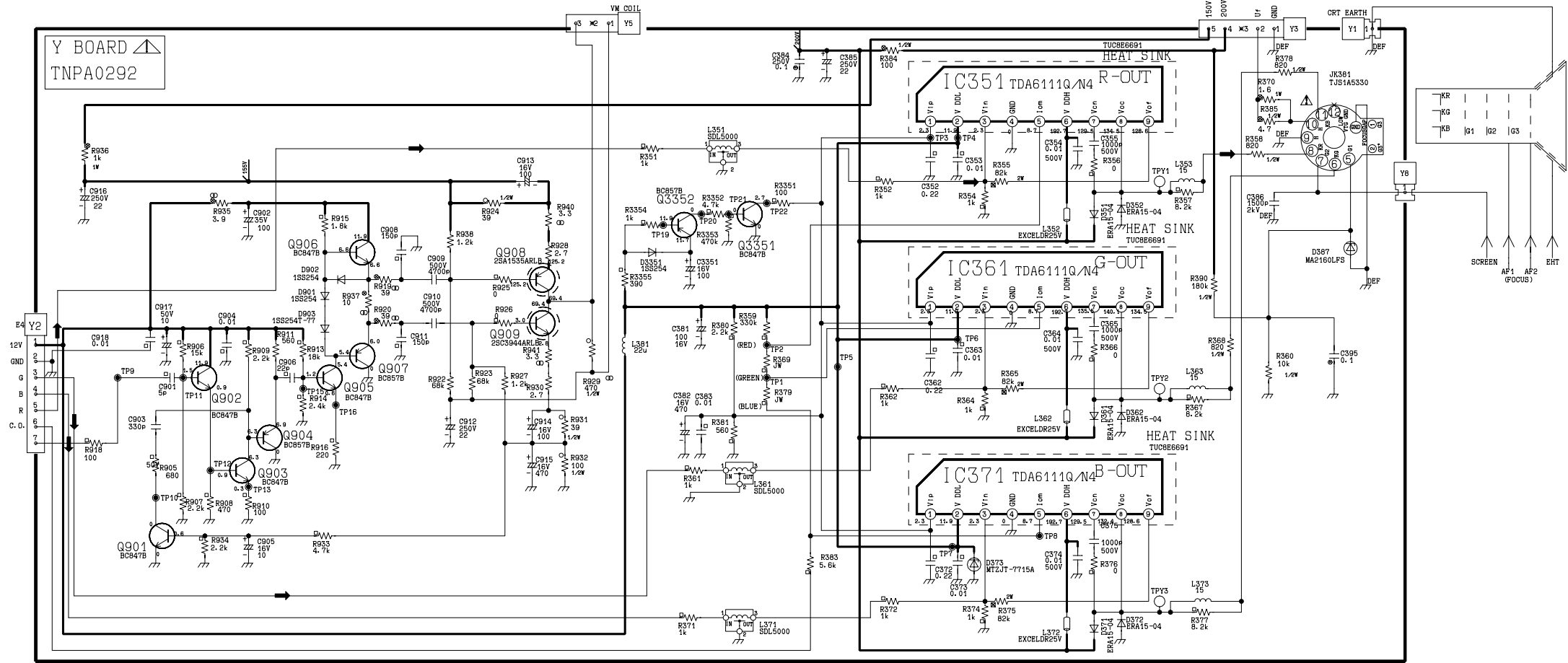
GND



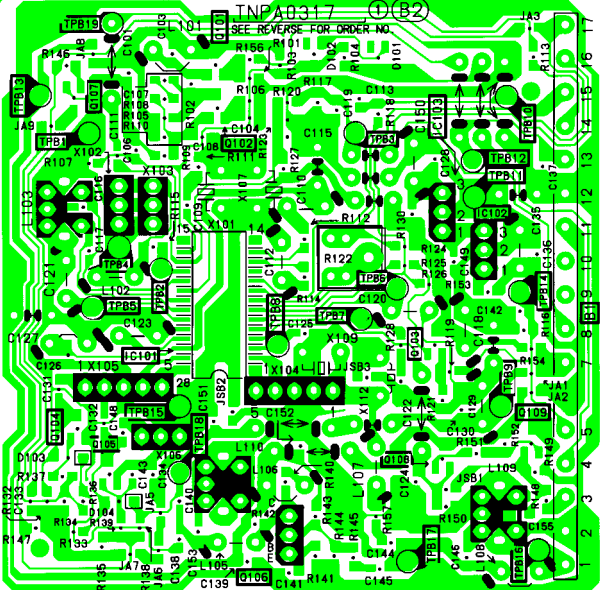




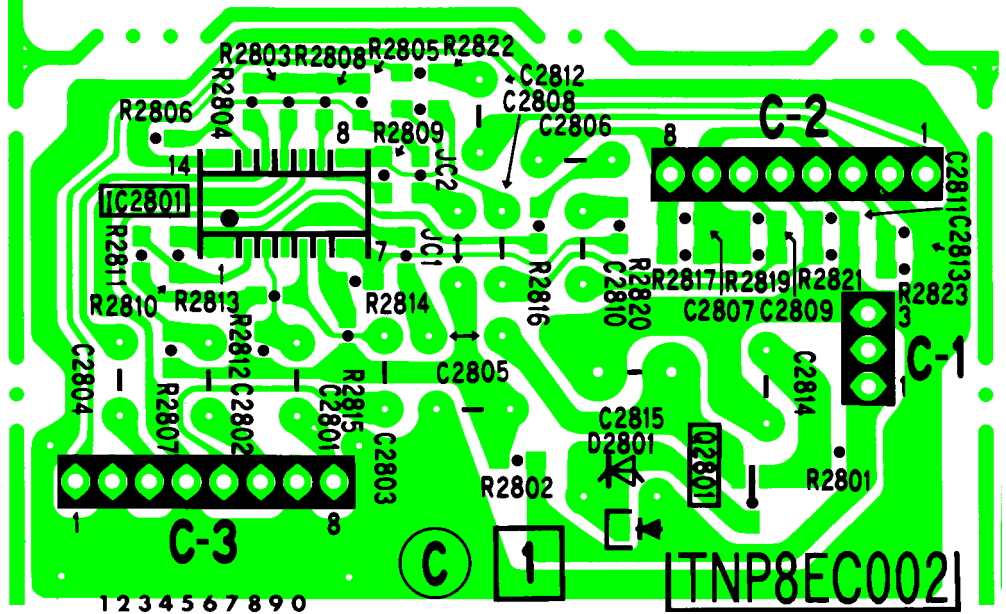
Y BOARD
TNPA0292

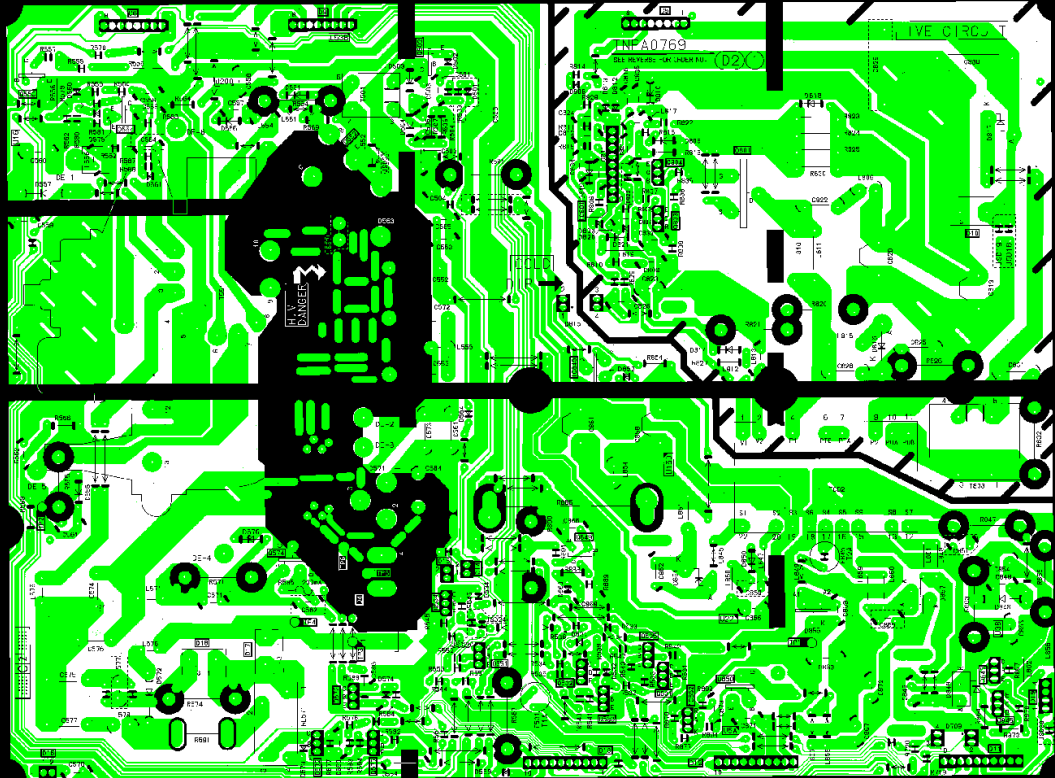


SEE REVERSE FOR ORDER NO.



16
15
14
13
12
11
10
9
8
7
6
5
4
3
2



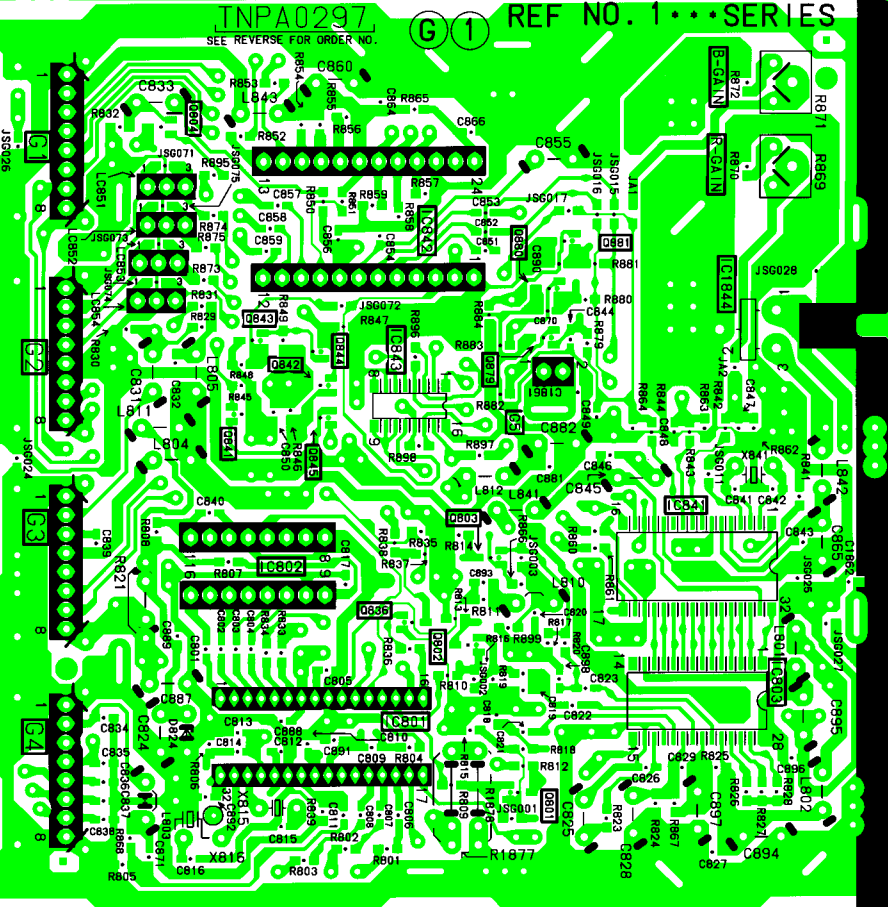


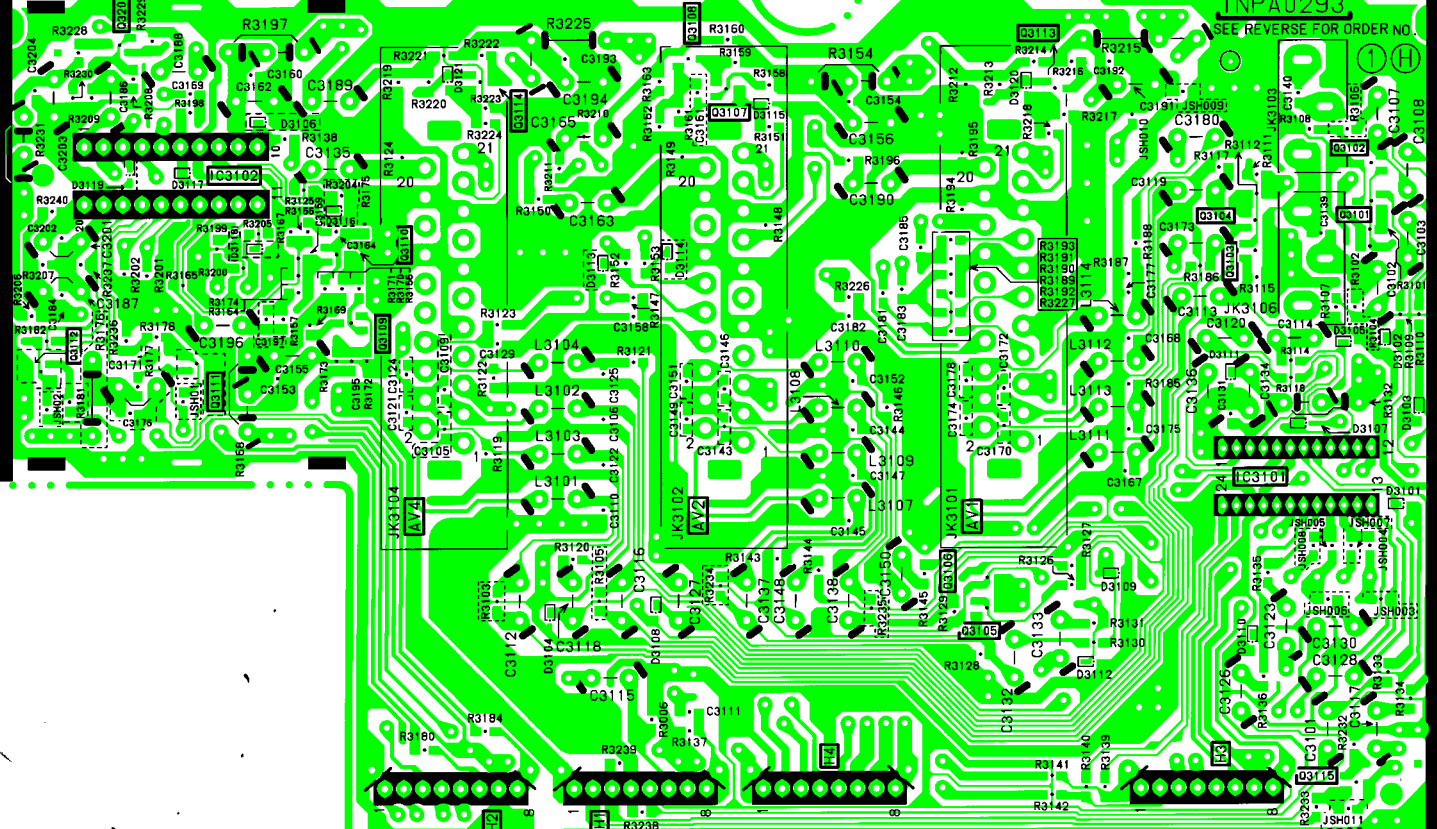
INPA0297

SEE REVERSE FOR ORDER NO.

(G) 1

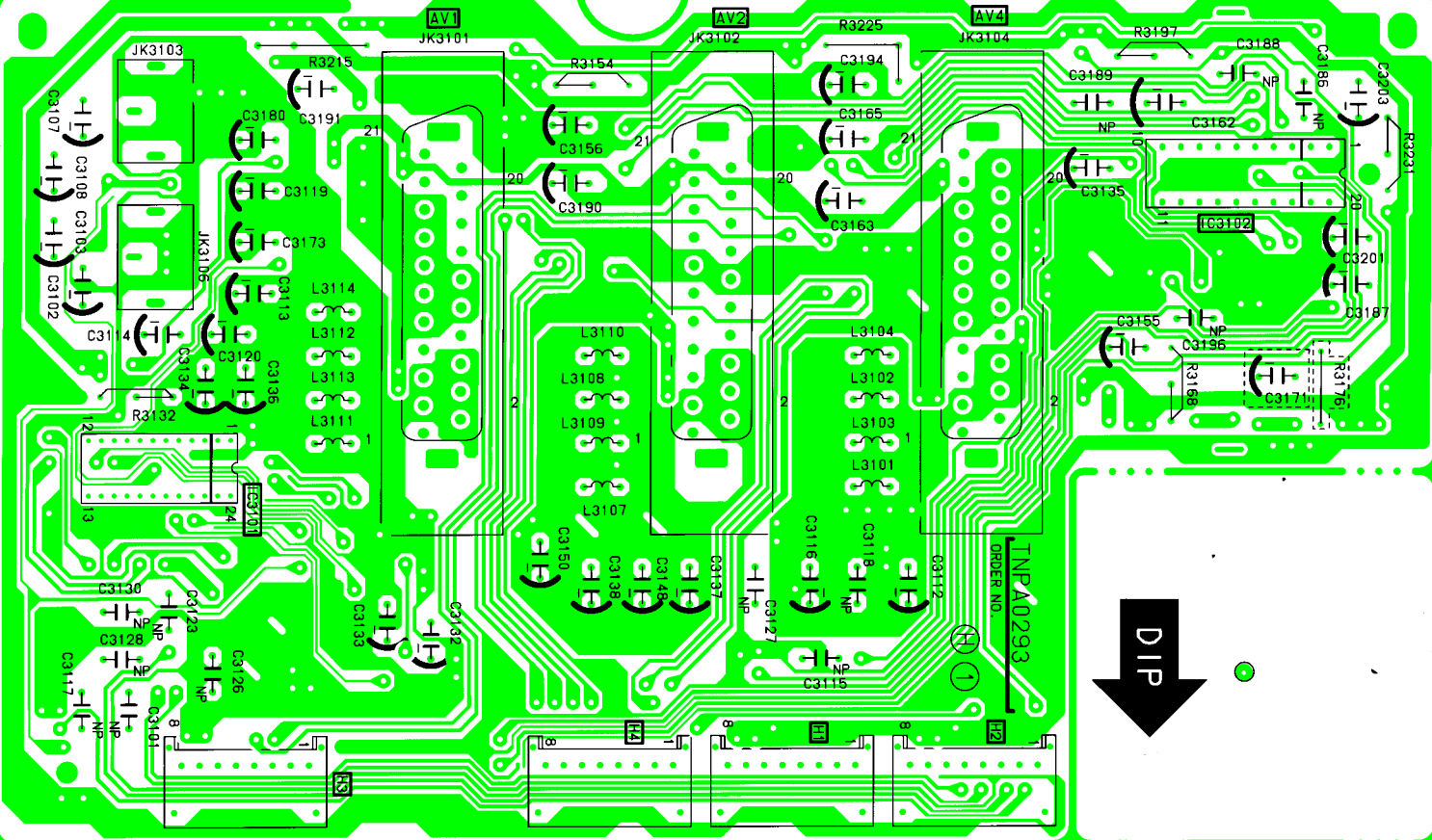
REF NO. 1...SERIES





(1) (H)





DIP

TNP40293

ORDER NO.

AV1

AV2

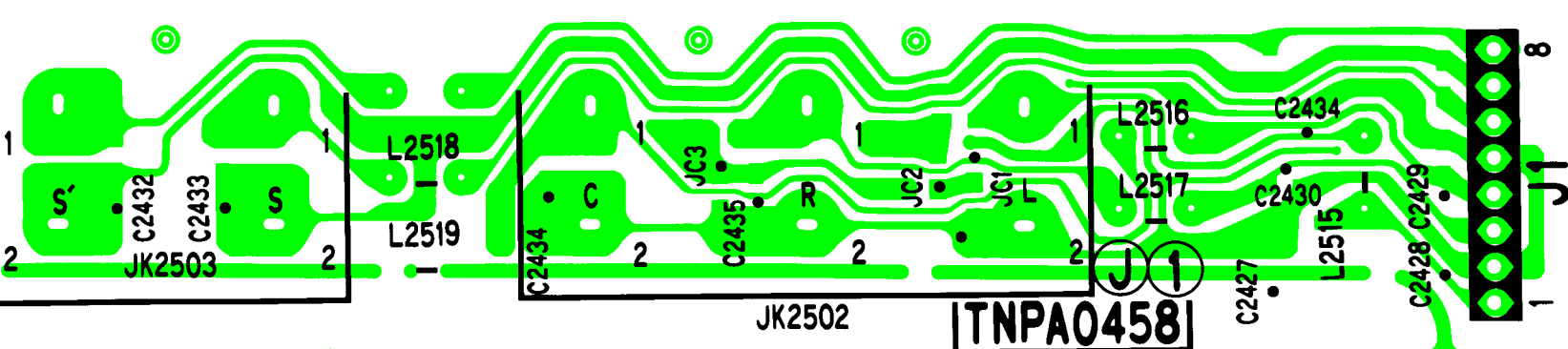
AV4

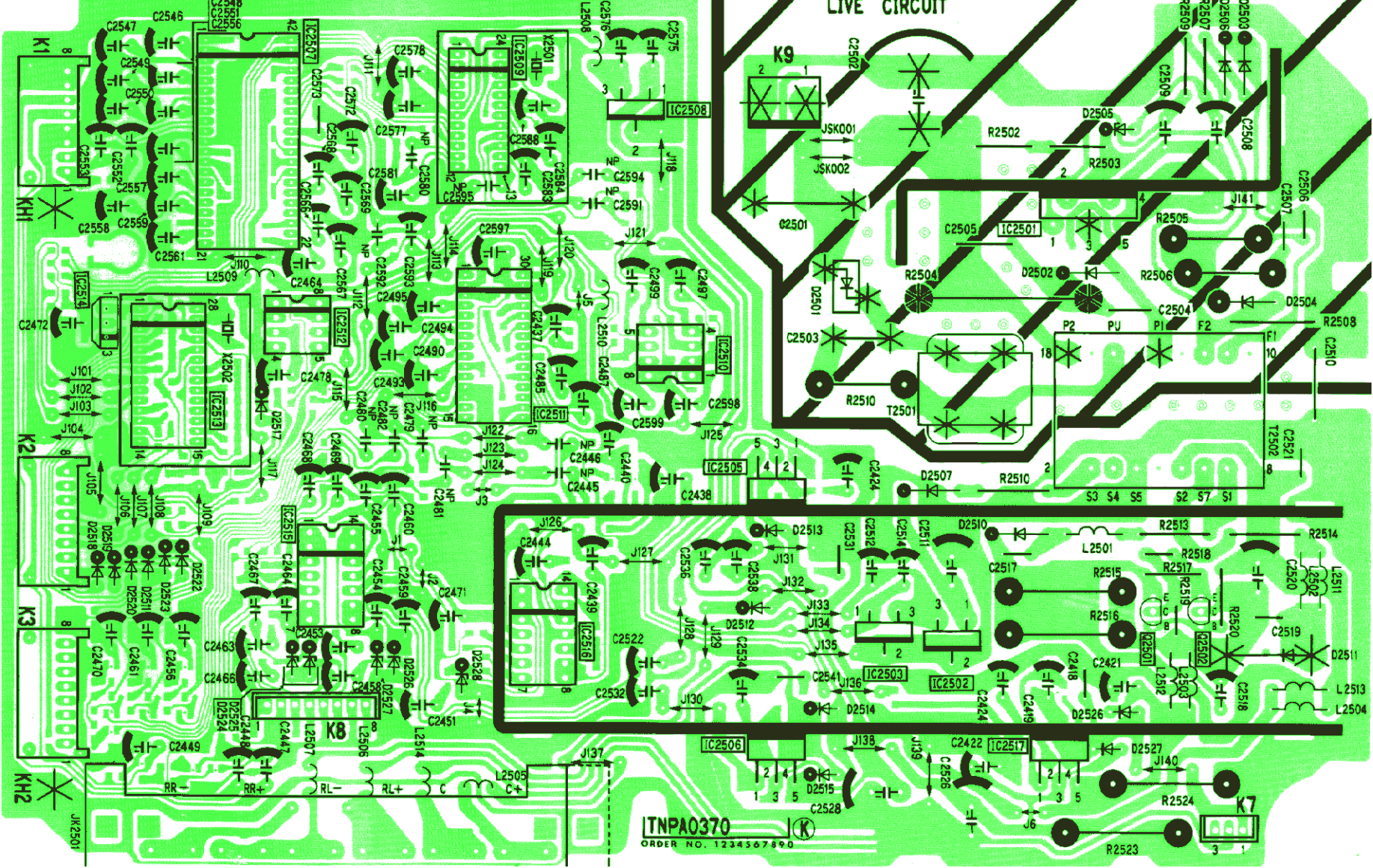
LC3102

AV3

AV5

AV6



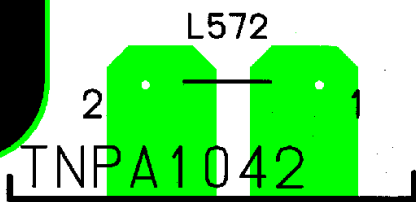


INPA0370

ORDER NO. 1234567890



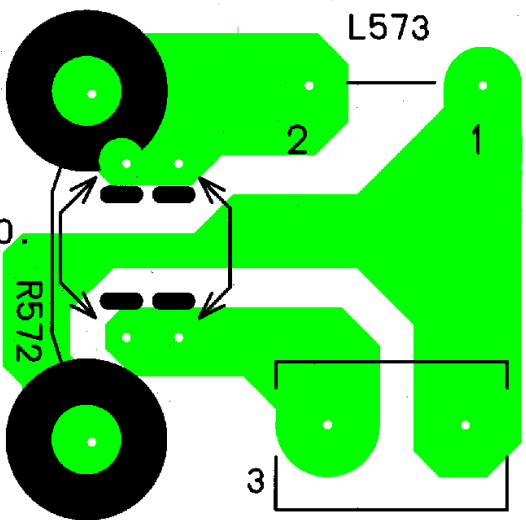
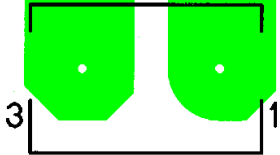
⋮⋮⋮⋮	C	2	⋮⋮⋮⋮
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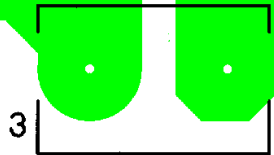
SEE REVERSE FOR ORDER NO.

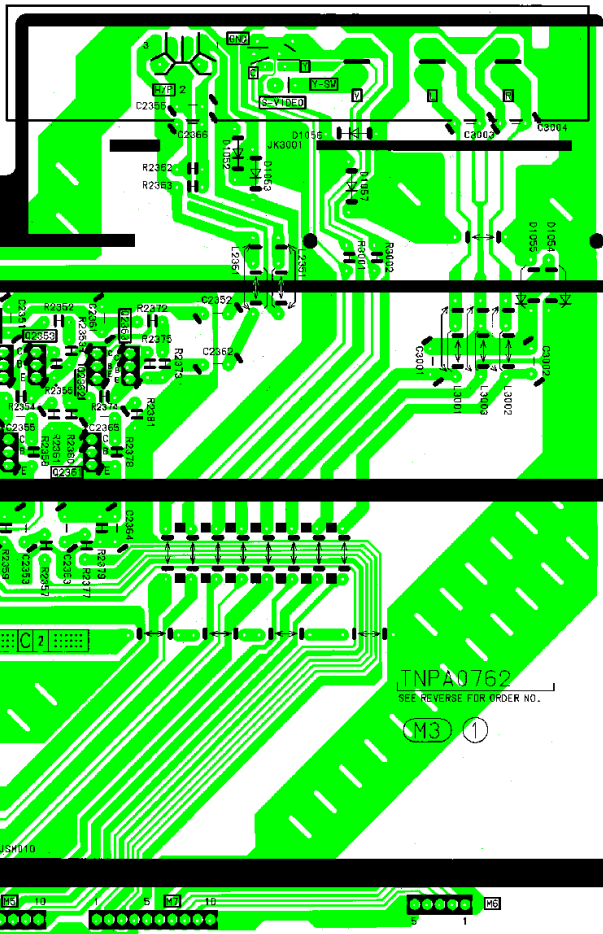
① ②

L1



L2



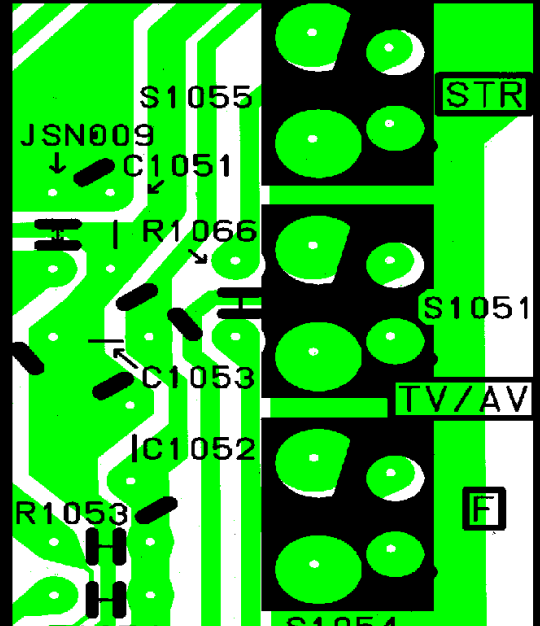
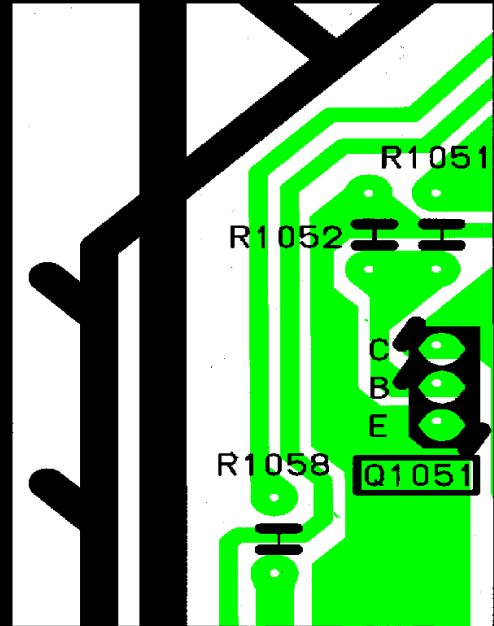
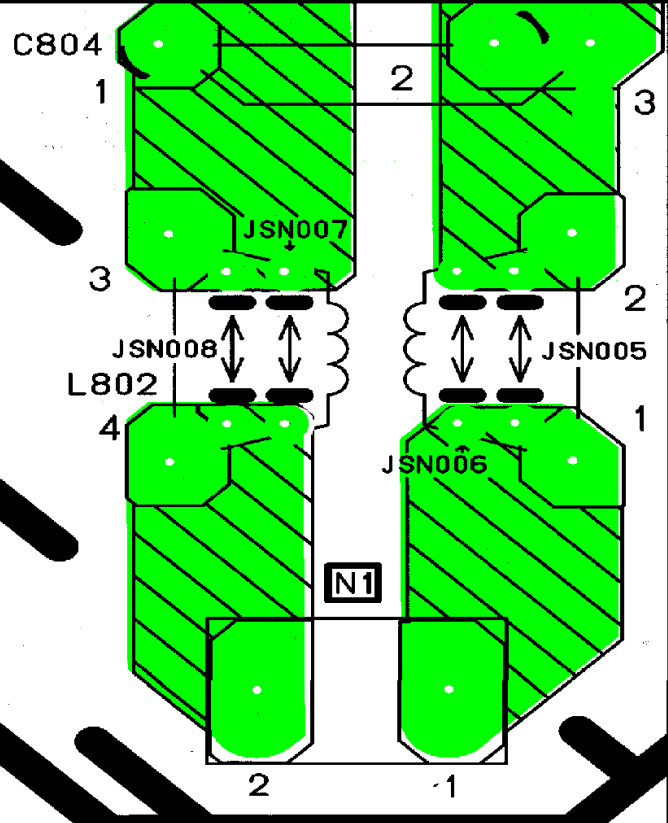
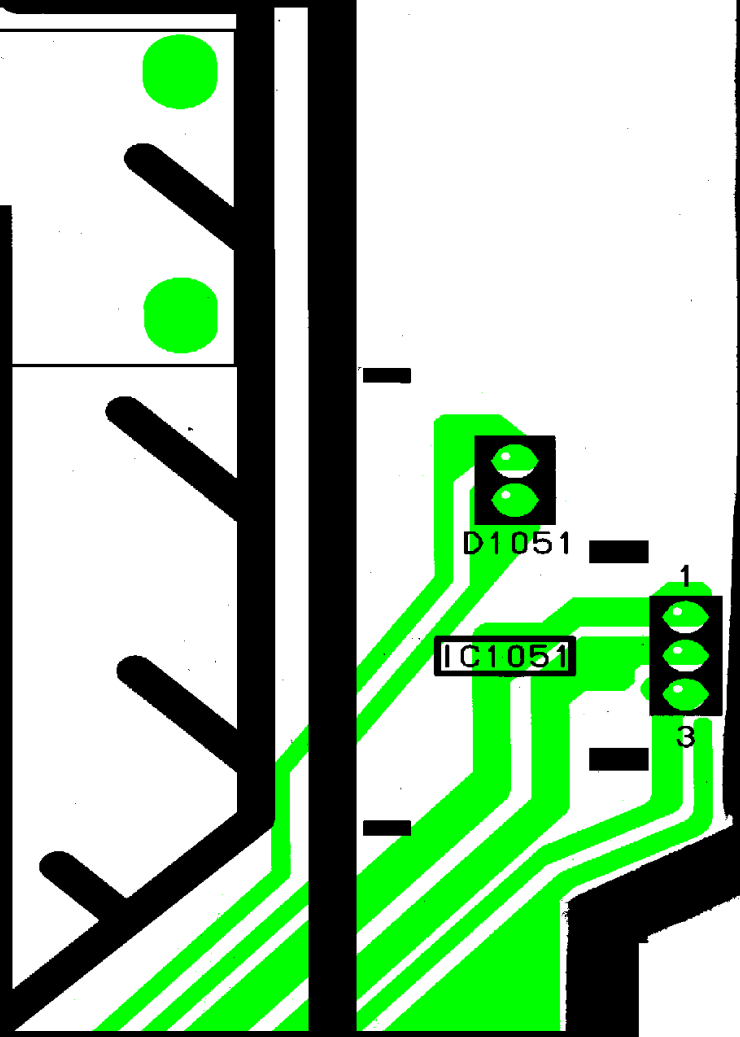
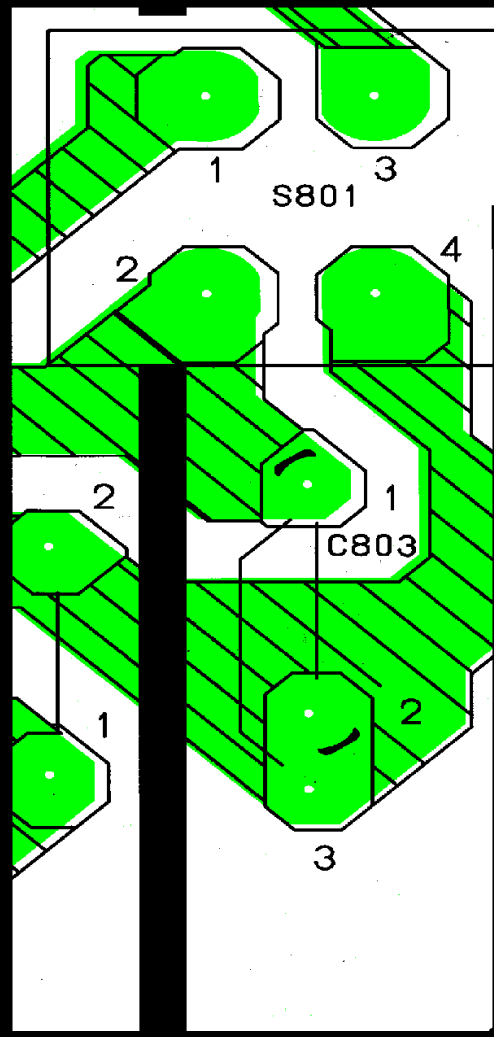
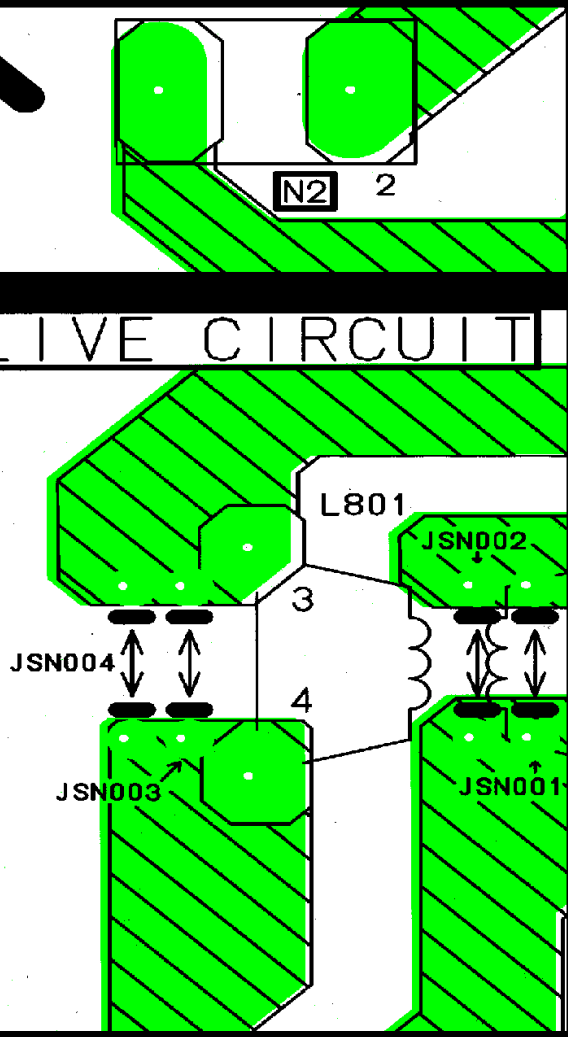


TNPA0762
SEE REVERSE FOR ORDER NO.

(M3) ①

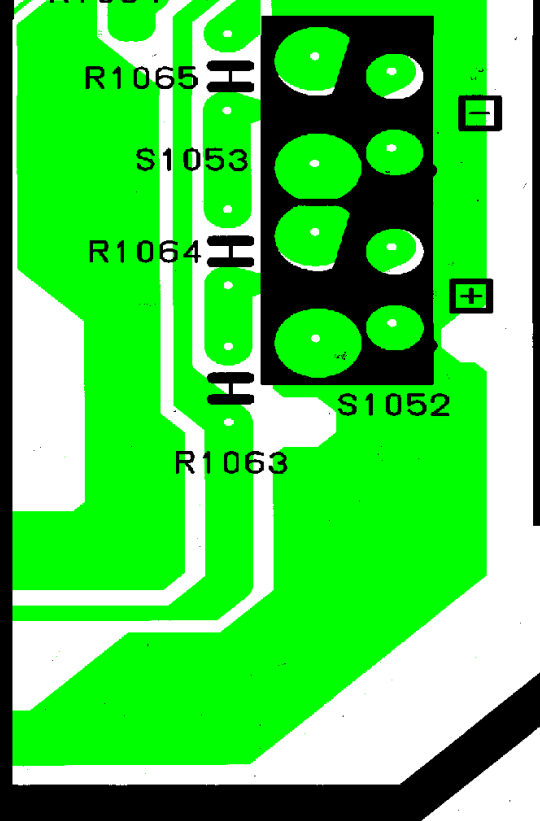
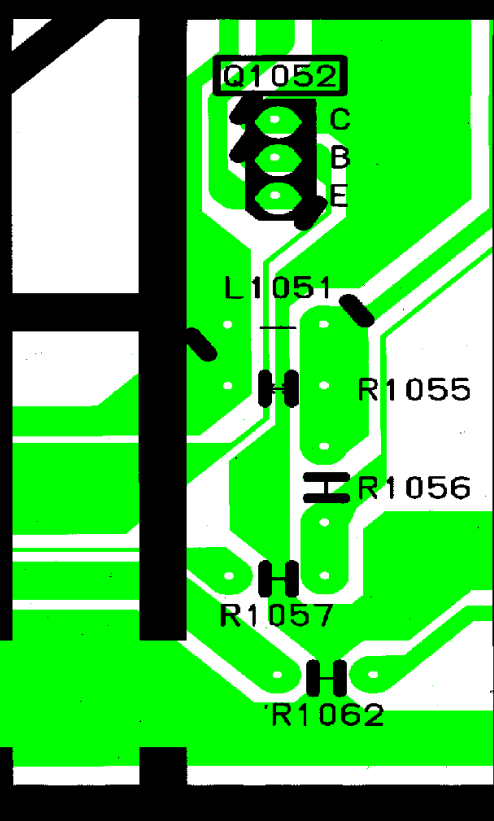
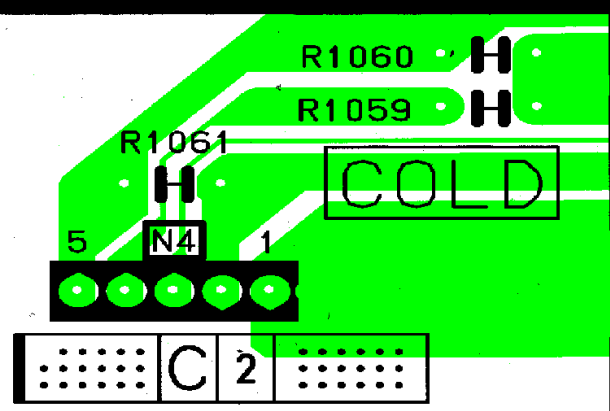
TNPA0762 (M3) ①

LIVE CIRCUIT



TNPA0763
SEE REVERSE FOR ORDER NO.

① (N)



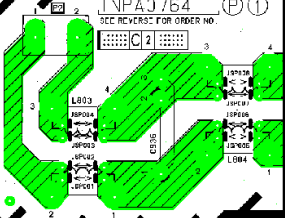
← DIP

TNP43764

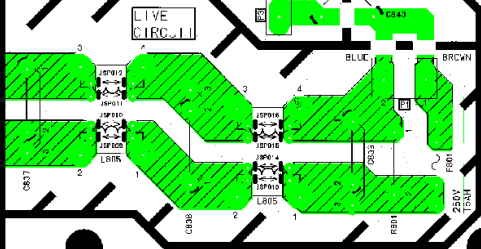
(P) (1)

SEE REVERSE FOR ORDER NO.

..... C 2

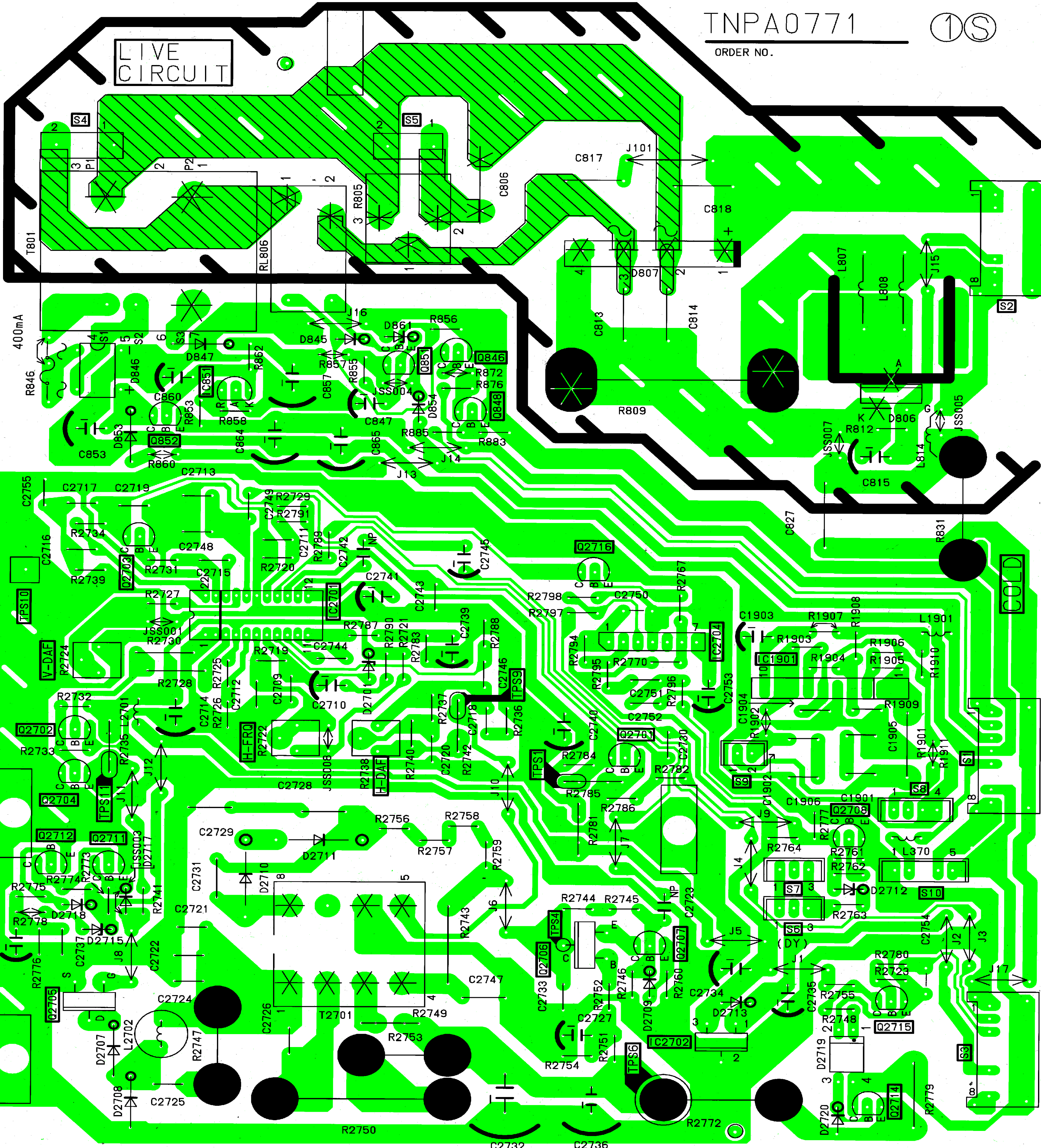


LIVE
CIRCUIT



250V
T54H

LIVE
CIRCUIT



DIP ↑

