SANYO

FILE NO.

SERVICE MANUAL LCD Television

Model No. LCD-32XH4

(Argentina)

Service Ref. No. LCD-32XH4-00

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Product Code:113011416

Original Version

Chassis Series: UH2-L

Give complete “SERVICE REF. NO.” for parts order or servicing. It is shown on the rating label at the cabinet back of the unit.

This T.V. receiver will not work properly in foreign countries where the television transmission system and power source differ from the design specifications. Refer to the specification table.

Safety Notice

Safety Precautions

The following precautions must be observed.

1: Comply with all caution and safety-related notes provided on the cabinet back, cabinet bottom, inside the cabinet or on the chassis.

2: When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as, control knobs, adjustment covers or shields, barriers, etc..

DO NOT OPERATE THIS TELEVISION WITHOUT THE PROTECTIVE SHIELD IN POSITION AND PROPERLY SECURED.

3: Before replacing the cabinet cover, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any television to the customer, the service personnel must be sure that it is completely safe to operate without danger of electrical shock.

Product Safety Notice

Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by mark ⚠ in the parts list and the schematic diagram designate components in which safety can be of special significance. It is particularly recommended that only parts designated on the parts list in this manual be used for component replacement designated by mark ⚠. No deviations from resistance wattage or voltage ratings may be made for replacement items designated by mark ⚠.

Specifications

Power Source AC 100 - 240 Volts, 50/60Hz

Receiving System PAL-N/N, PAL-M/M, NTSC-M/M

Channel Coverage ANTENNA mode
VHF: CH02 - CH13
UHF: CH14 - CH69
CATV mode
VHF band: CH01-CH13
MID band: CH14-CH22
SUPER band: CH23-CH36
HYPER band: CH37-CH64
ULTRA band: CH65-CH94 and CH100-CH125
Low MID band: CH95-CH99

Aerial Input Impedance 75 Ω

LCD Panel
Screen Size (Measured Diagonally)**:** 32 inches
Picture Resolution: WXGA 1366 (Horiz.) x 768 (Vert.) pixels
Brightness: 500 cd/m^2

Audio Output (RMS) 9 W + 9 W

Speaker Size 6 cm x12 cm x 2 pcs

Input and Output Terminals

AV1 Input Video Input: Composite video Input (RCA Jack) x1
S-Video Input: DIN 4-pin Jack x1
Audio Input: L/R Stereo Input (RCA Jack) x 1 set

AV2 Input Video Input: Component Y (combined with composite video input), C_B, C_R Input (RCA Jack) x1 set
Audio: L/R Stereo Input (RCA Jack) x 1 set

HDMI Input HDMI Terminal 19 pin x1

PC Input Video Input: D-SUB 15 pin x1
Audio Input: Mini stereo jack x 1

Output Terminals Video Monitor Output: RCA jack x 1
Audio Monitor Output: L/R Stereo Output (RCA jack) x 1 set
Headphone Jack : Mini stereo jack x1

Dimensions 818 X 624 X 270 mm (including stand)
Weight <14.3kg (Including Stand)

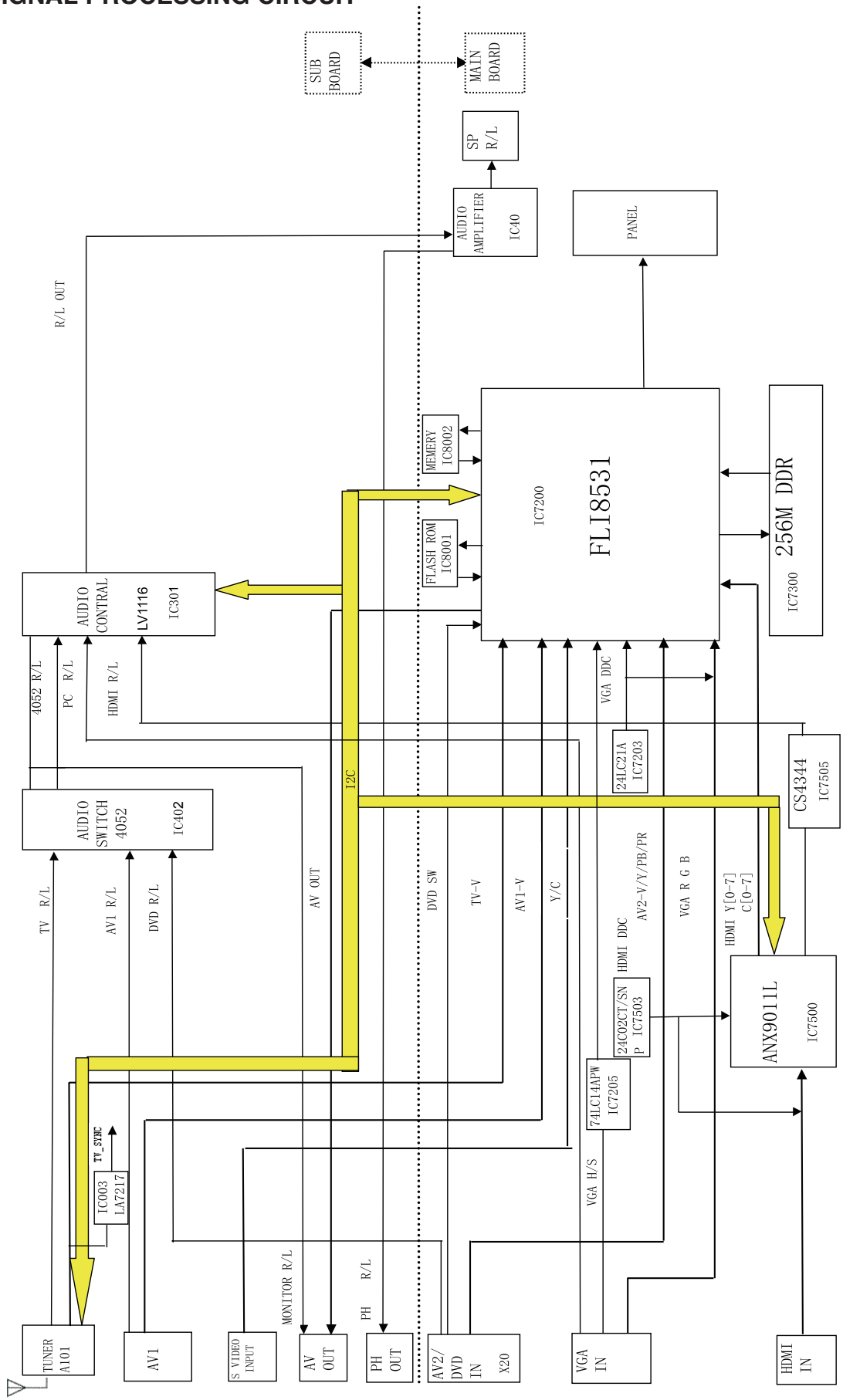
Environmental Considerations

Operating Temperature	0˚C ~ 40˚C (32˚F ~ 104˚F)
Operating Humidity	20 ~ 80%
Storage Temperature	-10˚C ~ 50˚C (14˚F ~ 122˚F)
Storage Humidity	20 ~ 80%

Specifications subject to change without notice.

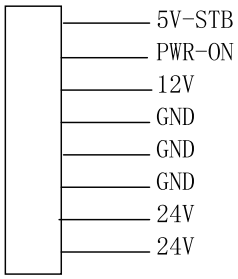
Chassis Block Diagram

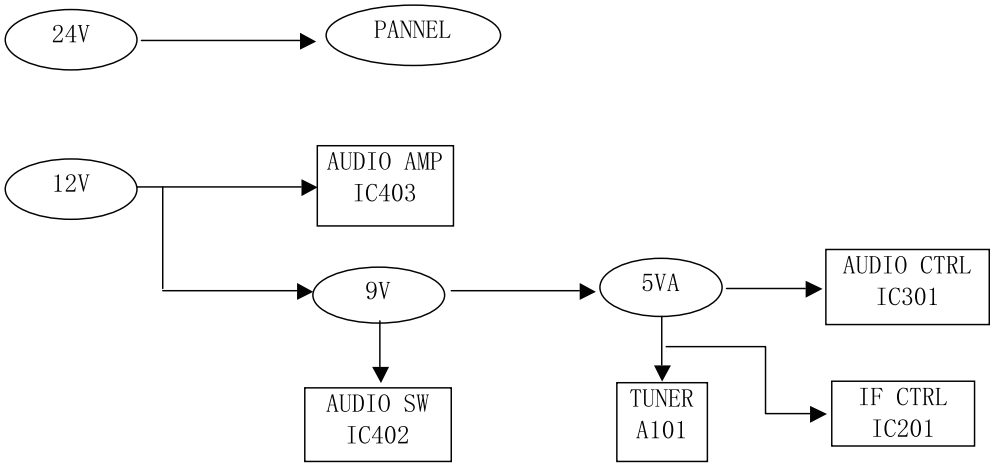
MAIN SIGNAL PROCESSING CIRCUIT

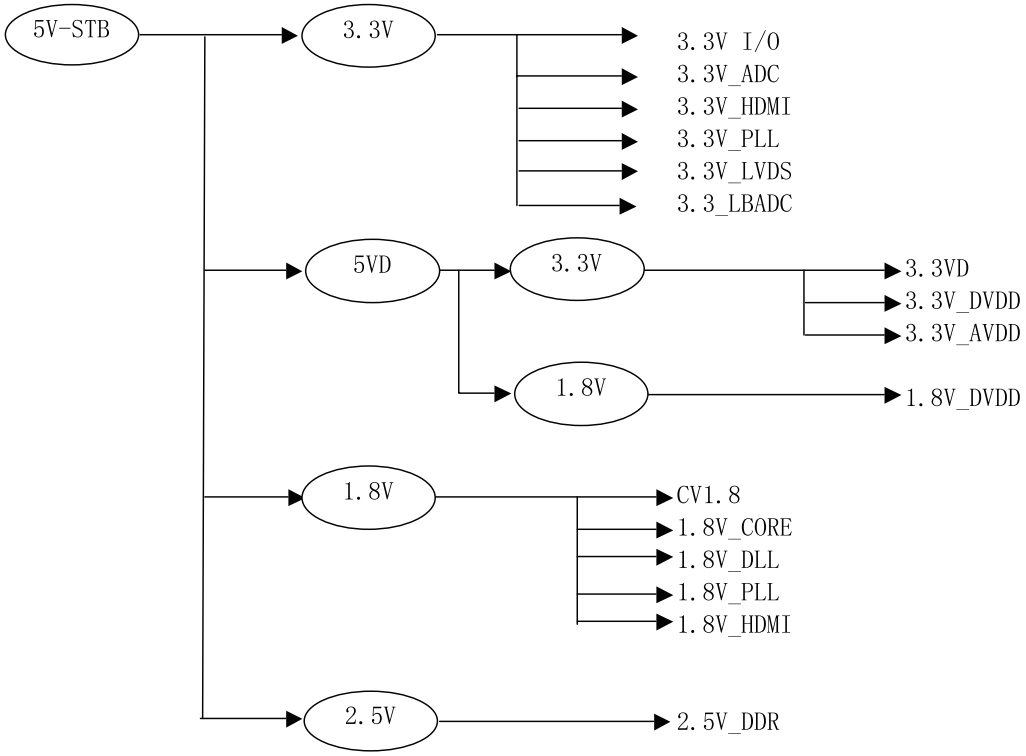


Chassis Block Diagram

POWER SUPPLY IC (STRW6753)

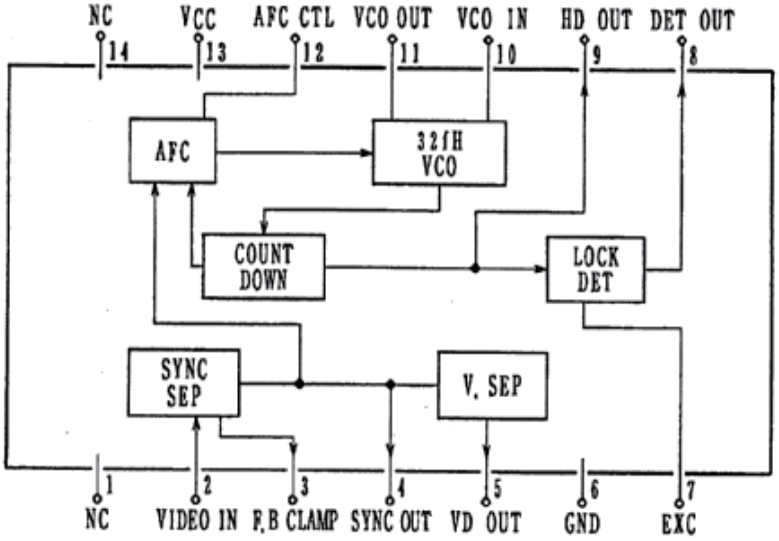




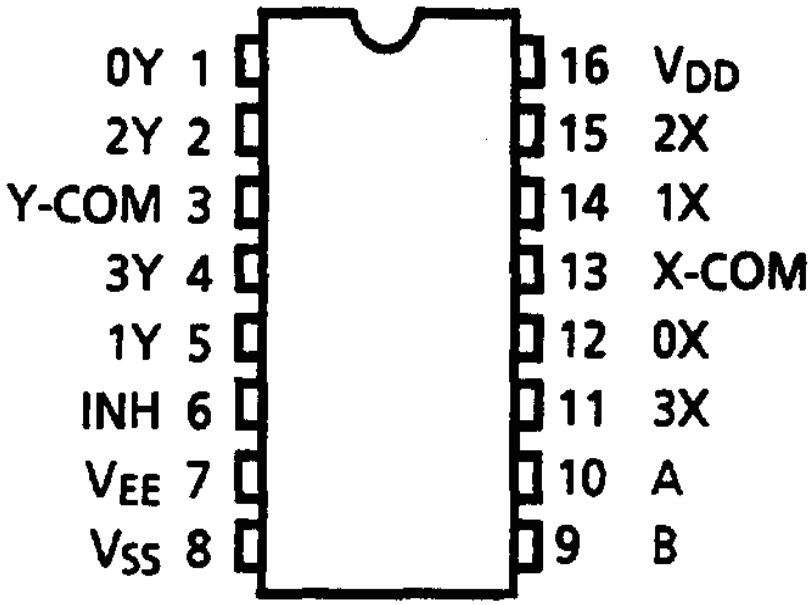


IC Block Diagrams (On the ASSY, PWB, MAIN)

IC003 < Sync. Separation> LA7217

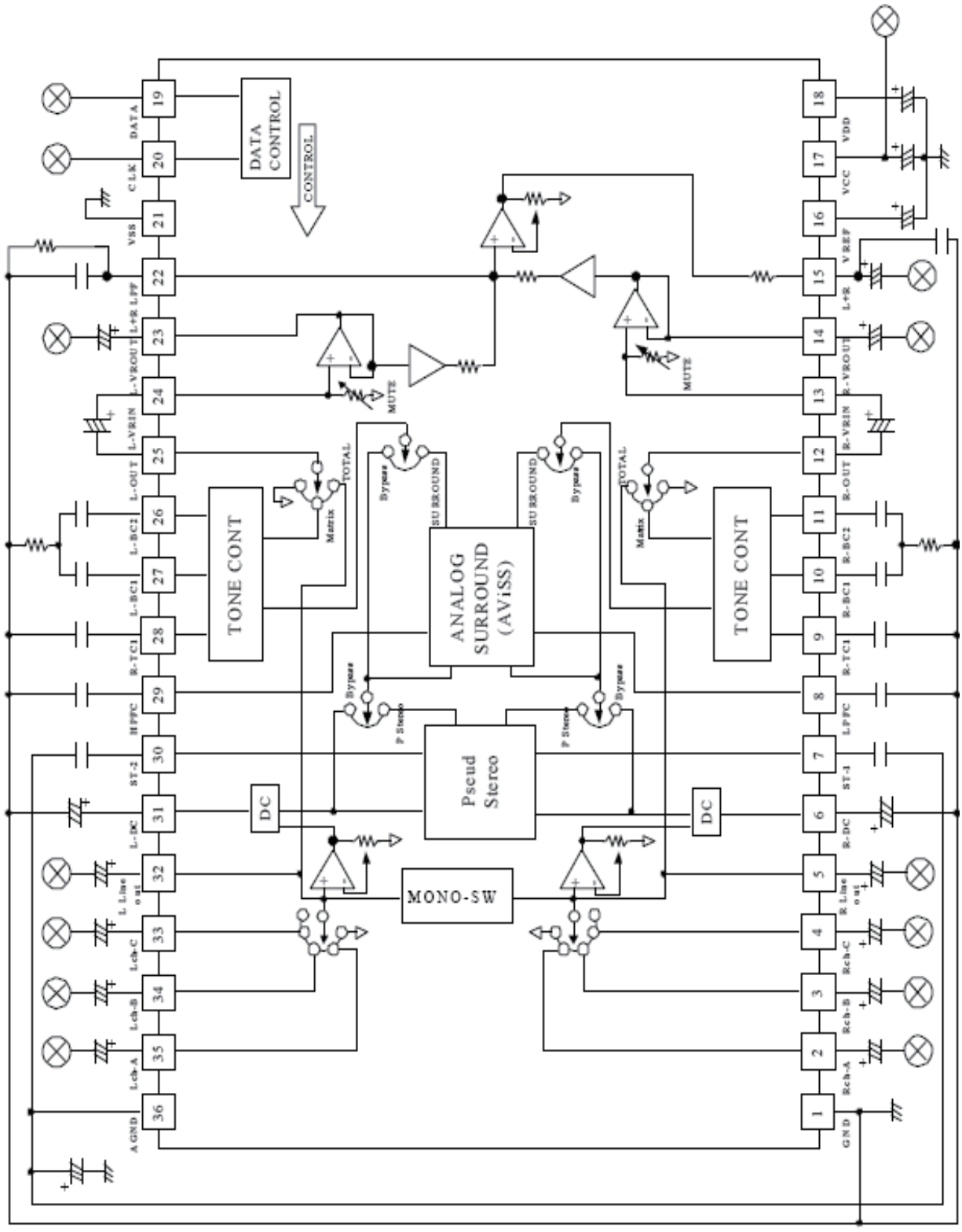


IC402 QTC4052BF---P



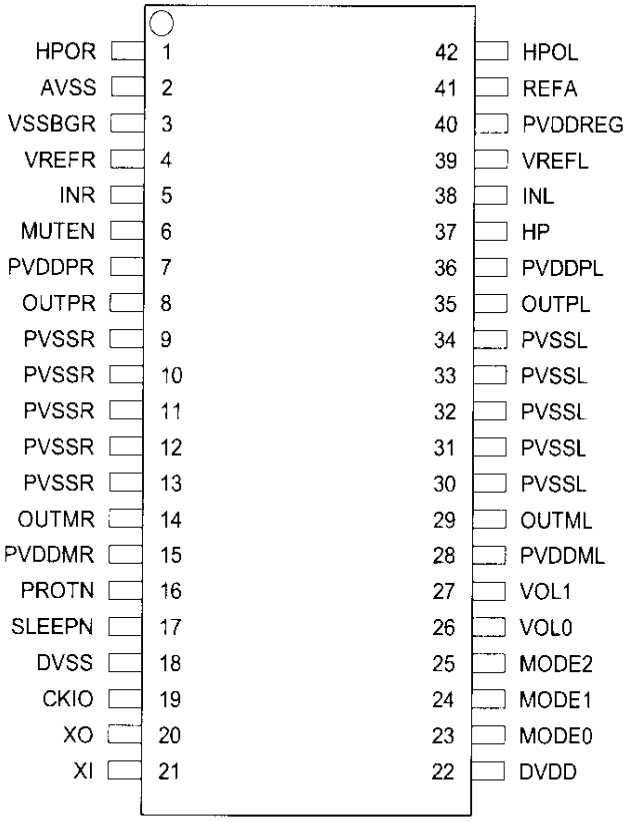
IC Block Diagrams (On the ASSY, PWB, MAIN)

IC301 LV1116

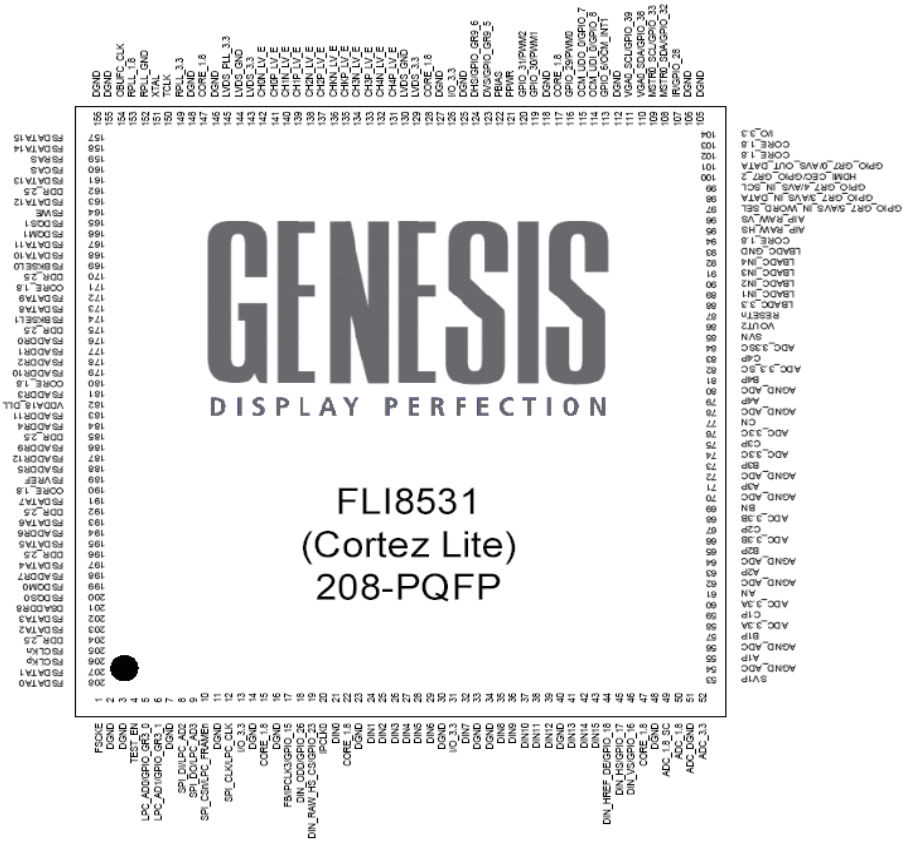


IC Block Diagrams (On the ASSY, PWB, MAIN)

IC403 QYDA138-----M

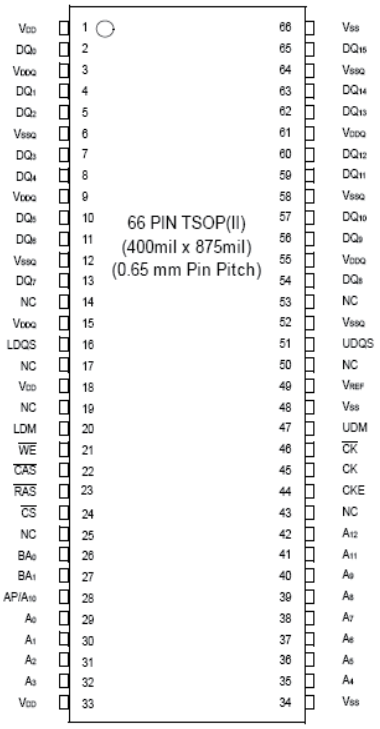


IC7200 QFLI8531-BE-M

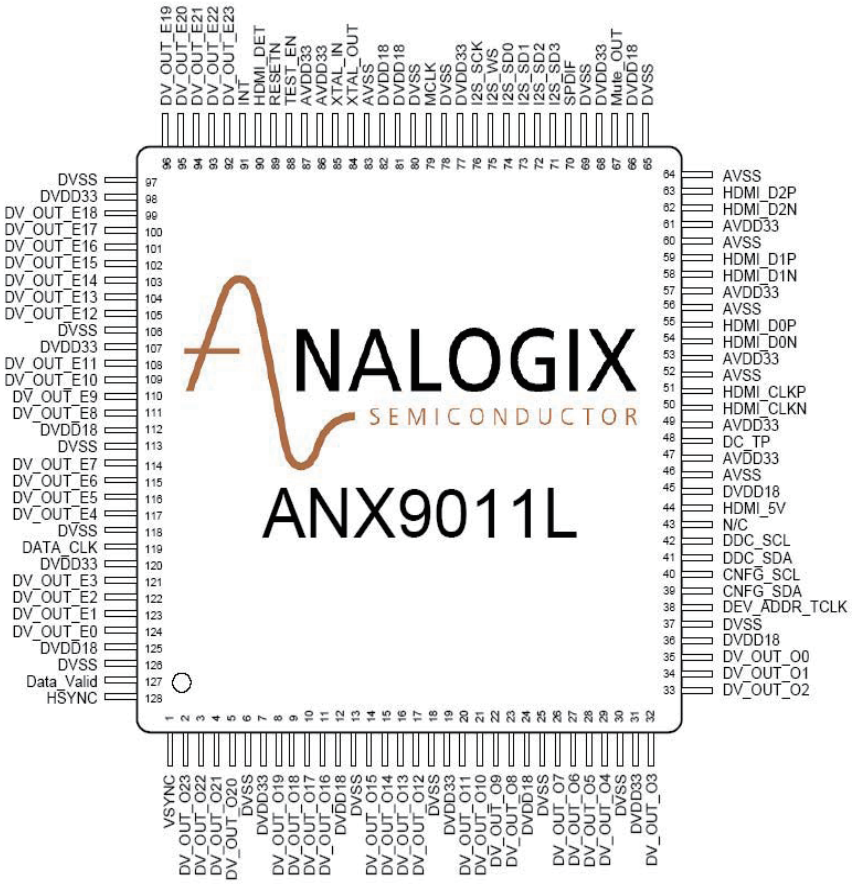


IC Block Diagrams (On the ASSY, PWB, MAIN)

IC7300 QXXAVC914---M

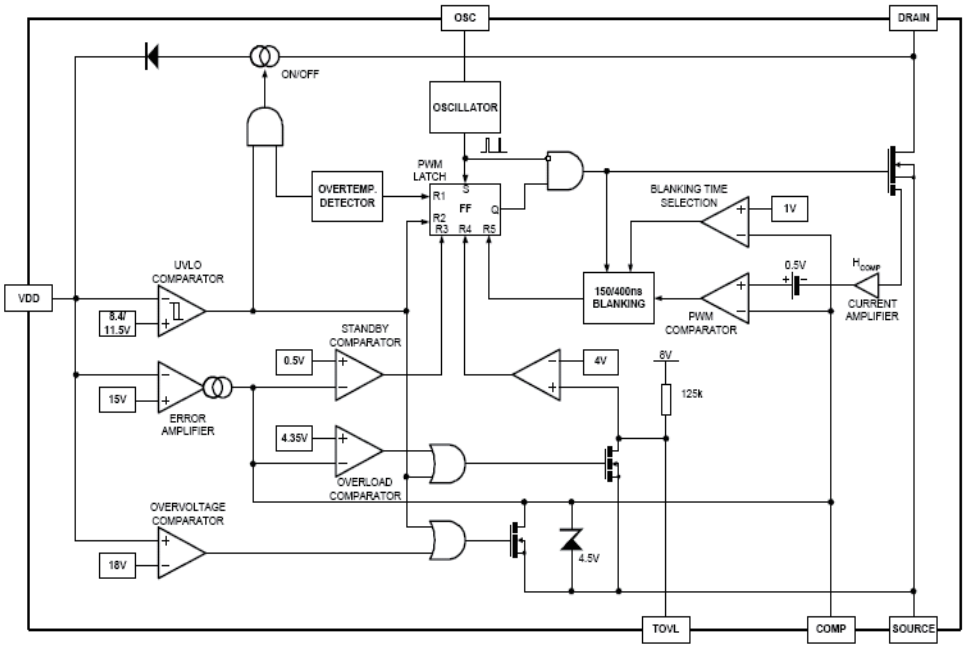


IC7500 QANX9011L---M

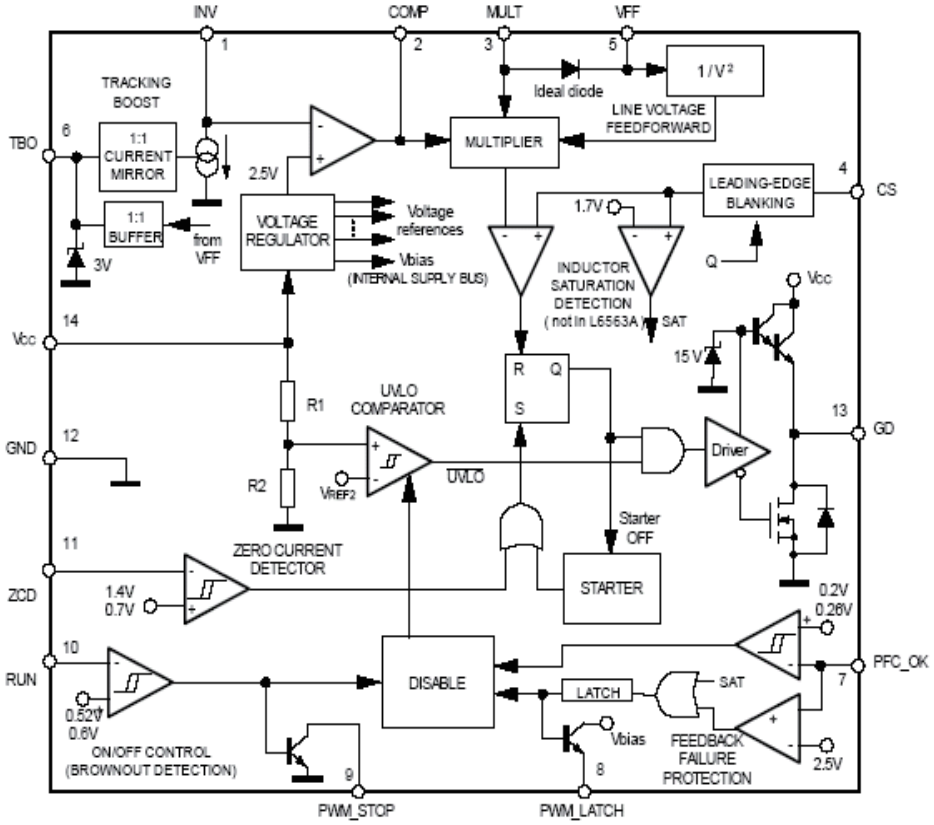


IC Block Diagrams (On the ASSY, PWB, POWER)

IC601 VIPER53

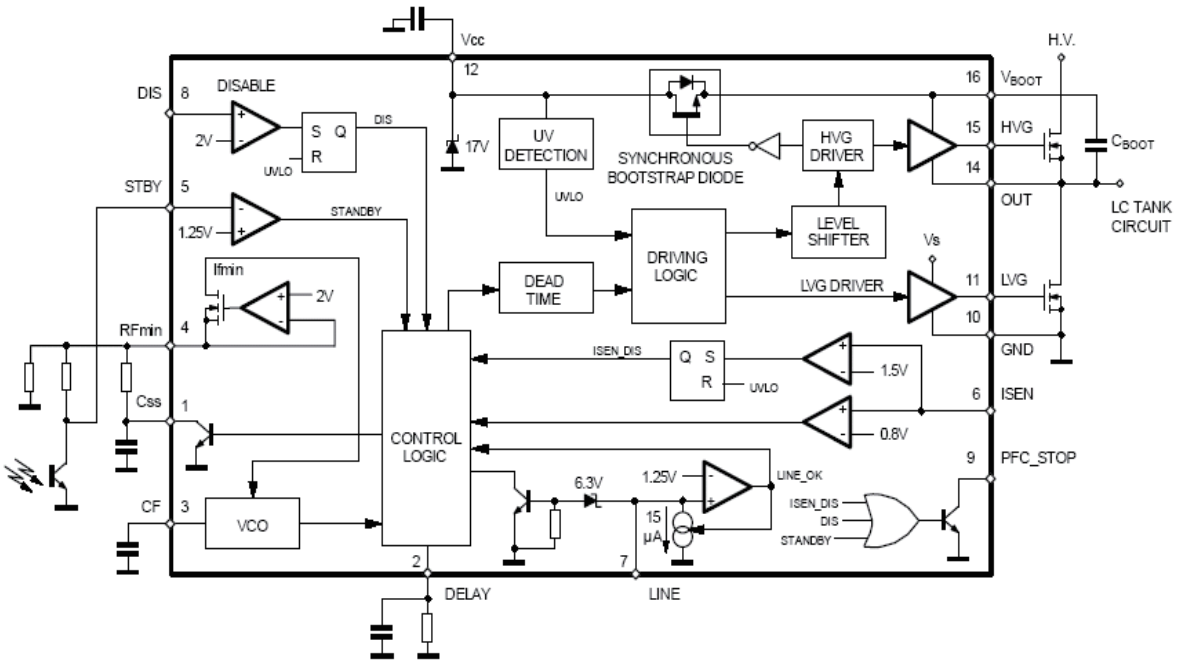


IC602 L6563

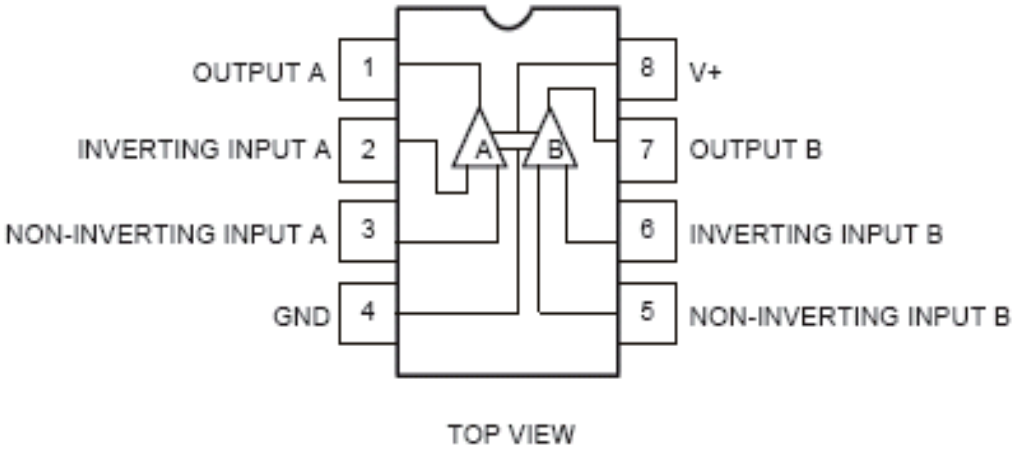


IC Block Diagrams (On the ASSY, PWB, POWER)

IC603 L6599TR



IC608 LM393



TOP VIEW

On-screen Service Menu System

General

This set has an **On-screen Service Menu System** included in the CPU that allows remote operation for most of the service adjustments.

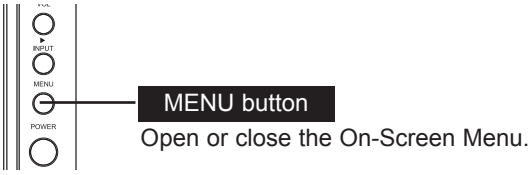
On-screen Service Menu System

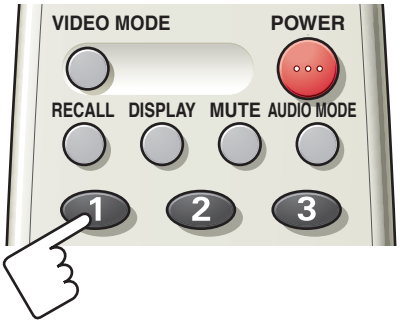
Quick operation is needed to enter Service Mode.

How to enter the Service Menu

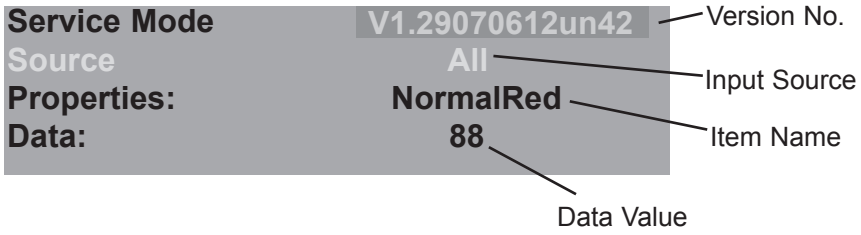
1. Press and hold the **MENU** button on Side Controls.
2. Keep pressing the **MENU** button and press the **NUMERIC "1"** button on the remote control, and the service mode menu will be displayed.

Side Controls





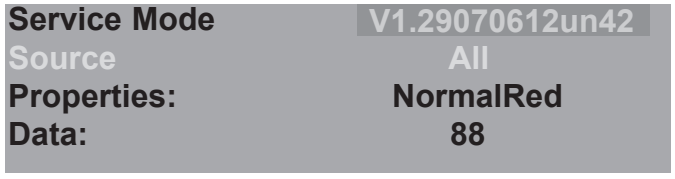
[Service Mode Menu]

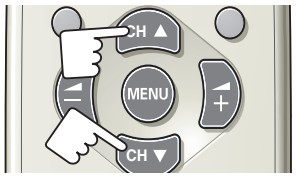


How to select the service item and adjust data:

To adjust data:

1) Select "**DATA**" line by pressing ▼ or ▲ button.





2) Press **+** or **–** button to adjust data.

To exit service mode

1. Press MENU button on the Side Controls or remote control.
2. Turn the TV off by pressing the **POWER ON/OFF** button on the Side Controls or remote control.

Note: The all adjusted data in service mode will be memorized into EEPROM automatically.

Service Adjustment Data Table

Source	Item Name	Initial Data	IC	Description
1.ALL	Normalred	88	FLI8531	White Tone offset
（Gerenal Data)	Normalgreen	99	FLI8531	(Normal)
(Basic data)	Normalblue	99	FLI8531	
	Warmred	88	FLI8531	White Tone offset
	Warmgreen	78	FLI8531	(Warm)
	Warmblue	70	FLI8531	
	Coolred	72	FLI8531	White Tone offset
	Coolgreen	90	FLI8531	(Cool)
	Coolblue	120	FLI8531	
	Red	85	FLI8531	White Balance basic value(AV)
	Green	85	FLI8531	
	Blue	85	FLI8531	
	Brightness	14	FLI8531	User brightness value
	Contrast	58	FLI8531	User contrast value
	Saturation	60	FLI8531	User saturation value
	Hue	-50	FLI8531	User hue value
	Sharpness	7	FLI8531	User sharpness value
	Picmodedynamicbri	50	FLI8531	Brightness basic value (Dynamic)
	Picmodedynamiccon	100	FLI8531	Contrast basic value (Dynamic)
	Picmodedynamicsat	55	FLI8531	Saturation basic value (Dynamic)
	Picmodesoftbri	50	FLI8531	Brightness basic value (Soft)
	Picmodesoftcon	20	FLI8531	Contrast basic value (Soft)
	Picmodesoftsat	50	FLI8531	Saturation basic value (Soft)
	Picmodepersonalbri	50	FLI8531	Brightness basic value (Personal)
	Picmodepersonalcon	70	FLI8531	Contrast basic value (Personal)
	Picmodepersonalsat	50	FLI8531	Saturation basic value (Personal)
	Picmodenormalbri	50	FLI8531	Brightness basic value (Normal)
	Picmodenormalcon	70	FLI8531	Contrast basic value (Normal)
	Picmodenormalsat	50	FLI8531	Saturation basic value (Normal)
	AGC EN	AGC DISABLE	FLI8531	AGC Set： Enable or Disable
	ADC Calibration		FLI8531	ADC adjust entrance
	Ver_fac		NV	Record data in the factory
	White	RED GREEN BLUE	FLI8531	White Balance adjust interface
2.TVPALN	Brightnessoffset	23	FLI8531	Brightness offset（RF PALN）
	Contrastoffset	-19	FLI8531	Contrast offset（RF PALN）
	Saturationoffset	0	FLI8531	Saturation offset（RF PALN）
	Hueoffset	0	FLI8531	Hue offset（RF PALN）
	Sharpnessoffset	0	FLI8531	Sharpness offset（RF PALN）
	Redoffset	7	FLI8531	WR offset（RF PALN）
	Greenoffset	-2	FLI8531	WG offset（RF PALN）
	Blueoffset	5	FLI8531	WB offset（RF PALN）
3.TVNTSC	Brightnessoffset	23	FLI8531	Brightness offset（RF NTSC）
	Contrastoffset	-41	FLI8531	Contrast offset（RF NTSC）
	Saturationoffset	0	FLI8531	Saturation offset（RF NTSC）
	Hueoffset	0	FLI8531	Hue offset（RF NTSC）
	Sharpnessoffset	0	FLI8531	Sharpness offset（RF NTSC）
	Redoffset	6	FLI8531	WR offset（RF NTSC）
	Greenoffset	-4	FLI8531	WG offset（RF NTSC）
	Blueoffset	6	FLI8531	WB offset（RF NTSC）
4.TVPLAM	Brightnessoffset	22	FLI8531	Brightness offset（RF PALM）
	Contrastoffset	-4	FLI8531	Contrast offset（RF PALM）
	Saturationoffset	0	FLI8531	Saturation offset（RF PALM）
	Hueoffset	0	FLI8531	Hue offset（RF PALM）
	Sharpnessoffset	0	FLI8531	Sharpness offset（RF PALM）
	Redoffset	0	FLI8531	WR offset（RF PALM）
	Greenoffset	0	FLI8531	WG offset（RF PALM）
	Blueoffset	0	FLI8531	WB offset（RF PALM）

Source	Item Name	Initial Data	IC	Description
5.CVBS1PALN/ALL	Normalred	Same as Gerenal data(1.ALL)	FLI8531	Same as Gerenal data(1.ALL)-->
（Gerenal Data)	Normalgreen	|	FLI8531	|
	Normalblue	|	FLI8531	|
	Warmred	|	FLI8531	|
	Warmgreen	|	FLI8531	|
	Warmblue	|	FLI8531	|
	Coolred	|	FLI8531	|
	Coolgreen	|	FLI8531	|
	Coolblue	|	FLI8531	|
	Red	|	FLI8531	|
	Green	|	FLI8531	|
	Blue	|	FLI8531	|
	Brightness	|	FLI8531	|
	Contrast	|	FLI8531	|
	Saturation	|	FLI8531	|
	Hue	|	FLI8531	|
	Sharpness	|	FLI8531	|
	Picmodedynamicbri	|	FLI8531	|
	Picmodedynamiccon	|	FLI8531	|
	Picmodedynamicsat	|	FLI8531	|
	Picmodesoftbri	|	FLI8531	|
	Picmodesoftcon	|	FLI8531	|
	Picmodesoftsat	|	FLI8531	|
	Picmodepersonalbri	|	FLI8531	|
	Picmodepersonalcon	|	FLI8531	|
	Picmodepersonalsat	|	FLI8531	|
	Picmodenormalbri	|	FLI8531	|
	Picmodenormalcon	|	FLI8531	|
	Picmodenormalsat	|	FLI8531	|
	AGC EN	AGC DISABLE	FLI8531	
	ADC Calibration		FLI8531	|
	Ver_fac		NV	|
	White	RED GREEN BLUE	FLI8531	Same as Gerenal data(1.ALL) <--
6.CVBS1NTSC	Brightnessoffset	0	FLI8531	Brightness offset（AV1 NTSC）
	Contrastoffset	-13	FLI8531	Contrast offset（AV1 NTSC）
	Saturationoffset	0	FLI8531	Saturation offset（AV1 NTSC）
	Hueoffset	0	FLI8531	Hue offset（AV1 NTSC）
	Sharpnessoffset	0	FLI8531	Sharpness offset（AV1 NTSC）
	Redoffset	0	FLI8531	WR offset（AV1 NTSC）
	Greenoffset	0	FLI8531	WG offset（AV1 NTSC）
	Blueoffset	0	FLI8531	WB offset（AV1 NTSC）
7.CVBS1PALM	Brightnessoffset	1	FLI8531	Brightness offset（AV1 PALM）
	Contrastoffset	9	FLI8531	Contrast offset（AV1 PALM）
	Saturationoffset	0	FLI8531	Saturation offset（AV1 PALM）
	Hueoffset	0	FLI8531	Hue offset（AV1 PALM）
	Sharpnessoffset	0	FLI8531	Sharpness offset（AV1 PALM）
	Redoffset	0	FLI8531	WR offset（AV1 PALM）
	Greenoffset	0	FLI8531	WG offset（AV1 PALM）
	Blueoffset	0	FLI8531	WB offset（AV1 PALM）
8.CVBS2PAL/ ALLPORT	Normalred	Same as Gerenal data(1.ALL)-->	FLI8531	Same as Gerenal data(1.ALL)-->
	Normalgreen	|	FLI8531	|
	Normalblue	|	FLI8531	|
	Warmred	|	FLI8531	|
	Warmgreen	|	FLI8531	|
	Warmblue	|	FLI8531	|
	Coolred	|	FLI8531	|

Source	Item Name	Initial Data	IC	Description
	Coolgreen		FLI8531	
	Coolblue		FLI8531	
	Red		FLI8531	
	Green		FLI8531	
	Blue		FLI8531	
	Brightness		FLI8531	
	Contrast		FLI8531	
	Saturation		FLI8531	
	Hue		FLI8531	
	Sharpness		FLI8531	
	Picmodedynamicbri		FLI8531	
	Picmodedynamiccon		FLI8531	
	Picmodedynamicsat		FLI8531	
	Picmodesoftbri		FLI8531	
	Picmodesoftcon		FLI8531	
	Picmodesoftsat		FLI8531	
	Picmodepersonalbri		FLI8531	
	Picmodepersonalcon		FLI8531	
	Picmodepersonalsat		FLI8531	
	Picmodenormalbri		FLI8531	
	Picmodenormalcon		FLI8531	
	Picmodenormalsat		FLI8531	
	AGC EN		FLI8531	
	ADC Calibration		FLI8531	
	Ver_fac		NV	
	White	Same as Gerenal data(1.ALL)<--	FLI8531	Same as Gerenal data(1.ALL) <--
9.CVBS2NTSC	Brightnessoffset	0	FLI8531	Brightness offset（AV2 NTSC）
	Contrastoffset	-13	FLI8531	Contrast offset（AV2 NTSC）
	Saturationoffset	0	FLI8531	Saturation offset（AV2 NTSC）
	Hueoffset	0	FLI8531	Hue offset（AV2 NTSC）
	Sharpnessoffset	0	FLI8531	Sharpness offset（AV2 NTSC）
	Redoffset	0	FLI8531	WR offset（AV2 NTSC）
	Greenoffset	0	FLI8531	WG offset（AV2 NTSC）
	Blueoffset	0	FLI8531	WB offset（AV2 NTSC）
10.CVBS2PALM	Brightnessoffset	1	FLI8531	Brightness offset（AV2 PALM）
	Contrastoffset	9	FLI8531	Contrast offset（AV2 PALM）
	Saturationoffset	0	FLI8531	Saturation offset（AV2 PALM）
	Hueoffset	0	FLI8531	Hue offset（AV2 PALM）
	Sharpnessoffset	0	FLI8531	Sharpness offset（AV2 PALM）
	Redoffset	0	FLI8531	WR offset（AV2 PALM）
	Greenoffset	0	FLI8531	WG offset（AV2 PALM）
	Blueoffset	0	FLI8531	WB offset（AV2 PALM）
11.SVIDEOPALN	Brightnessoffset	-5	FLI8531	Brightness offset（Svideo PALN）
	Contrastoffset	0	FLI8531	Contrast offset（Svideo PALN）
	Saturationoffset	0	FLI8531	Saturation offset（Svideo PALN）
	Hueoffset	0	FLI8531	Hue offset（Svideo PALN）
	Sharpnessoffset	0	FLI8531	Sharpness offset（Svideo PALN）
	Redoffset	0	FLI8531	WR offset（Svideo PALN）
	Greenoffset	0	FLI8531	WG offset（Svideo PALN）
	Blueoffset	0	FLI8531	WB offset（Svideo PALN）
12.SVIDEONTSC	Brightnessoffset	0	FLI8531	Brightness offset（Svideo NTSC）
	Contrastoffset	-20	FLI8531	Contrast offset（Svideo NTSC）
	Saturationoffset	0	FLI8531	Saturation offset（Svideo NTSC）
	Hueoffset	0	FLI8531	Hue offset（Svideo NTSC）
	Sharpnessoffset	0	FLI8531	Sharpness offset（Svideo NTSC）
	Redoffset	0	FLI8531	WR offset（Svideo NTSC）
	Greenoffset	0	FLI8531	WG offset（Svideo NTSC）
	Blueoffset	0	FLI8531	WB offset（Svideo NTSC）

Source	Item Name	Initial Data	IC	Description
13.SVIDEOPALM	Brightnessoffset	0	FLI8531	Brightness offset（Svideo PALM）
	Contrastoffset	15	FLI8531	Contrast offset（Svideo PALM）
	Saturationoffset	0	FLI8531	Saturation offset（Svideo PALM）
	Hueoffset	0	FLI8531	Hue offset（Svideo PALM）
	Sharpnessoffset	0	FLI8531	Sharpness offset（Svideo PALM）
	Redoffset	0	FLI8531	WR offset（Svideo PALM）
	Greenoffset	0	FLI8531	WG offset（Svideo PALM）
	Blueoffset	0	FLI8531	WB offset（Svideo PALM）
14.COMP480I PORT	Brightnessoffset	18	FLI8531	Brightness offset（Component 480i）
（Component）	Contrastoffset	25	FLI8531	Contrast offset（Component 480i）
	Saturationoffset	40	FLI8531	Saturation offset（Component 480i）
	Hueoffset	0	FLI8531	Hue offset（Component 480i）
	Sharpnessoffset	3	FLI8531	Sharpness offset（Component 480i）
	Redoffset	0	FLI8531	WR offset（Component 480i）
	Greenoffset	0	FLI8531	WG offset（Component 480i）
	Blueoffset	0	FLI8531	WB offset（Component 480i）
15.COMP576I PORT	Brightnessoffset	18	FLI8531	Brightness offset（Component 575i）
(Component)	Contrastoffset	25	FLI8531	Contrast offset（Component 575i）
	Saturationoffset	40	FLI8531	Saturation offset（Component 575i）
	Hueoffset	0	FLI8531	Hue offset（Component 575i）
	Sharpnessoffset	3	FLI8531	Sharpness offset（Component 575i）
	Redoffset	0	FLI8531	WR offset（Component 575i）
	Greenoffset	0	FLI8531	WG offset（Component 575i）
	Blueoffset	0	FLI8531	WB offset（Component 575i）
16.COMP480P PORT	Brightnessoffset	18	FLI8531	Brightness offset（Component 480p）
(Component)	Contrastoffset	25	FLI8531	Contrast offset（Component 480p）
	Saturationoffset	40	FLI8531	Saturation offset（Component 480p）
	Hueoffset	0	FLI8531	Hue offset（Component 480p）
	Sharpnessoffset	3	FLI8531	Sharpness offset（Component 480p）
	Redoffset	0	FLI8531	WR offset（Component 480p）
	Greenoffset	0	FLI8531	WG offset（Component 480p）
	Blueoffset	0	FLI8531	WB offset（Component 480p）
17.COMP576P PORT	Brightnessoffset	18	FLI8531	Brightness offset（Component 575p）
(Component)	Contrastoffset	25	FLI8531	Contrast offset（Component 575p）
	Saturationoffset	40	FLI8531	Saturation offset（Component 575p）
	Hueoffset	0	FLI8531	Hue offset（Component 575p）
	Sharpnessoffset	3	FLI8531	Sharpness offset（Component 575p）
	Redoffset	0	FLI8531	WR offset（Component 575p）
	Greenoffset	0	FLI8531	WG offset（Component 575p）
	Blueoffset	0	FLI8531	WB offset（Component 575p）
18.COMP720P 50 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 720p 50Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 720p 50Hz)
(720p 50Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 720p 50Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 720p 50Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 720p 50Hz)
	Redoffset	0	FLI8531	WR offset(Component 720p 50Hz)
	Greenoffset	0	FLI8531	WG offset(Component 720p 50Hz)
	Blueoffset	0	FLI8531	WB offset(Component 720p 50Hz)
19.COMP720P 60 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 720p 60Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 720p 60Hz)
(720p 60Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 720p 60Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 720p 60Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 720p 60Hz)
	Redoffset	0	FLI8531	WR offset(Component 720p 60Hz)
	Greenoffset	0	FLI8531	WG offset(Component 720p 60Hz)
	Blueoffset	0	FLI8531	WB offset(Component 720p 60Hz)

Source	Item Name	Initial Data	IC	Description
20.COMP1080I 50 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 1080i/50Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 1080i/50Hz)
(1080i 50Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 1080i/50Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 1080i/50Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 1080i/50Hz)
	Redoffset	0	FLI8531	WR offset(Component 1080i/50Hz)
	Greenoffset	0	FLI8531	WG offset(Component 1080i/50Hz)
	Blueoffset	0	FLI8531	WB offset(Component 1080i/50Hz)
21.COMP1080I 60 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 1080i/60Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 1080i/60Hz)
(1080i 60Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 1080i/60Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 1080i/60Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 1080i/60Hz)
	Redoffset	0	FLI8531	WR offset(Component 1080i/60Hz)
	Greenoffset	0	FLI8531	WG offset(Component 1080i/60Hz)
	Blueoffset	0	FLI8531	WB offset(Component 1080i/60Hz)
22.COMP1080P 25 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 1080p/25Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 1080p/25Hz)
(1080p 25Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 1080p/25Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 1080p/25Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 1080p/25Hz)
	Redoffset	0	FLI8531	WR offset(Component 1080p/25Hz)
	Greenoffset	0	FLI8531	WG offset(Component 1080p/25Hz)
	Blueoffset	0	FLI8531	WB offset(Component 1080p/25Hz)
23.COMP1080P 30 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 1080p/30Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 1080p/30Hz)
(1080p 30Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 1080p/30Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 1080p/30Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 1080p/30Hz)
	Redoffset	0	FLI8531	WR offset(Component 1080p/30Hz)
	Greenoffset	0	FLI8531	WG offset(Component 1080p/30Hz)
	Blueoffset	0	FLI8531	WB offset(Component 1080p/30Hz)
24.COMP1080P 50 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 1080p/50Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 1080p/50Hz)
(1080p 50Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 1080p/50Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 1080p/50Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 1080p/50Hz)
	Redoffset	0	FLI8531	WR offset(Component 1080p/50Hz)
	Greenoffset	0	FLI8531	WG offset(Component 1080p/50Hz)
	Blueoffset	0	FLI8531	WB offset(Component 1080p/50Hz)
25.COMP1080P 60 PORT	Brightnessoffset	18	FLI8531	Brightness offset(Component 1080p/60Hz)
(Component)	Contrastoffset	25	FLI8531	Contrast offset(Component 1080p/60Hz)
(1080p 60Hz)	Saturationoffset	40	FLI8531	Saturation offset(Component 1080p/60Hz)
	Hueoffset	0	FLI8531	Hue offset(Component 1080p/60Hz)
	Sharpnessoffset	3	FLI8531	Sharpness offset(Component 1080p/60Hz)
	Redoffset	0	FLI8531	WR offset(Component 1080p/60Hz)
	Greenoffset	0	FLI8531	WG offset(Component 1080p/60Hz)
	Blueoffset	0	FLI8531	WB offset(Component 1080p/60Hz)
26.VGA	Brightnessoffset	22	FLI8531	Brightness offset(VGA)
	Contrastoffset	30	FLI8531	Contrast offset(VGA)
	Saturationoffset	0	FLI8531	Saturation offset(VGA)
	Hueoffset	0	FLI8531	Hue offset(VGA)
	Sharpnessoffset	0	FLI8531	Sharpness offset(VGA)
	Redoffset	0	FLI8531	WR offset(VGA)
	Greenoffset	0	FLI8531	WG offset(VGA)
	Blueoffset	0	FLI8531	WB offset(VGA)
27.HDMI	Brightnessoffset	20	FLI8531	Brightness offset (HDMI)
	Contrastoffset	-42	FLI8531	Contrast offset(HDMI)
	Saturationoffset	0	FLI8531	Saturation offset(HDMI)
	Hueoffset	0	FLI8531	Hue offset(HDMI)
	Sharpnessoffset	0	FLI8531	Sharpness offset(HDMI)
	Redoffset	0	FLI8531	WR offset(HDMI)
	Greenoffset	0	FLI8531	WG offset(HDMI)
	Blueoffset	0	FLI8531	WB offset(HDMI)

Service Adjustments

CAUTION !
Do not attempt to adjust service adjustments not listed below otherwise it may cause loss of performance and for correct operation.

□ Setting the Initial data

This adjustment is controlled by the CPU (IC7200) through the IIC Bus Data Line in the chassis, and those adjustment data are memorized the memory IC (IC8002). Therefore, Main board or the memory IC (IC8002) is replaced, these data will be disappeared. Readjust should be made. Initial data is provided in the CPU ROM, when the memory IC (IC8002) is replaced with new one. CPU ROM data is loaded into the memory. Initial data is provided to operating the monitor basically. For operating the monitor quality performance, further adjustment is required following chassis electrical adjustment.

1. Receive good quality signal.

2. Enter the Service Mode.

3. Confirm data value to be the same as the **Service Adjustment Data Table**. If it is different, change to correct data

4. Exit the Service Mode.

□ White balance Adjustment

Pattern
White Pattern 100% (in AV mode).

Condition
Picture Mode: STANDARD
Color Temperature: NORMAL
Pre-heating Time: More than 10 minutes

Adjustment
1. Enter the Service Mode.

2. Select **"Source ALL"** by pressing + or − button, and select **"Properties White"** by pressing + or − button.

3. Set R,G,B value to “FF” by pressing NUMERIC buttons.
To adjust Red : Press **1** (data value up) and **4** (data value down).
To adjust Green : Press **2** (data value up) and **5** (data value down).
To adjust Blue : Press **3** (data value up) and **6** (data value down).

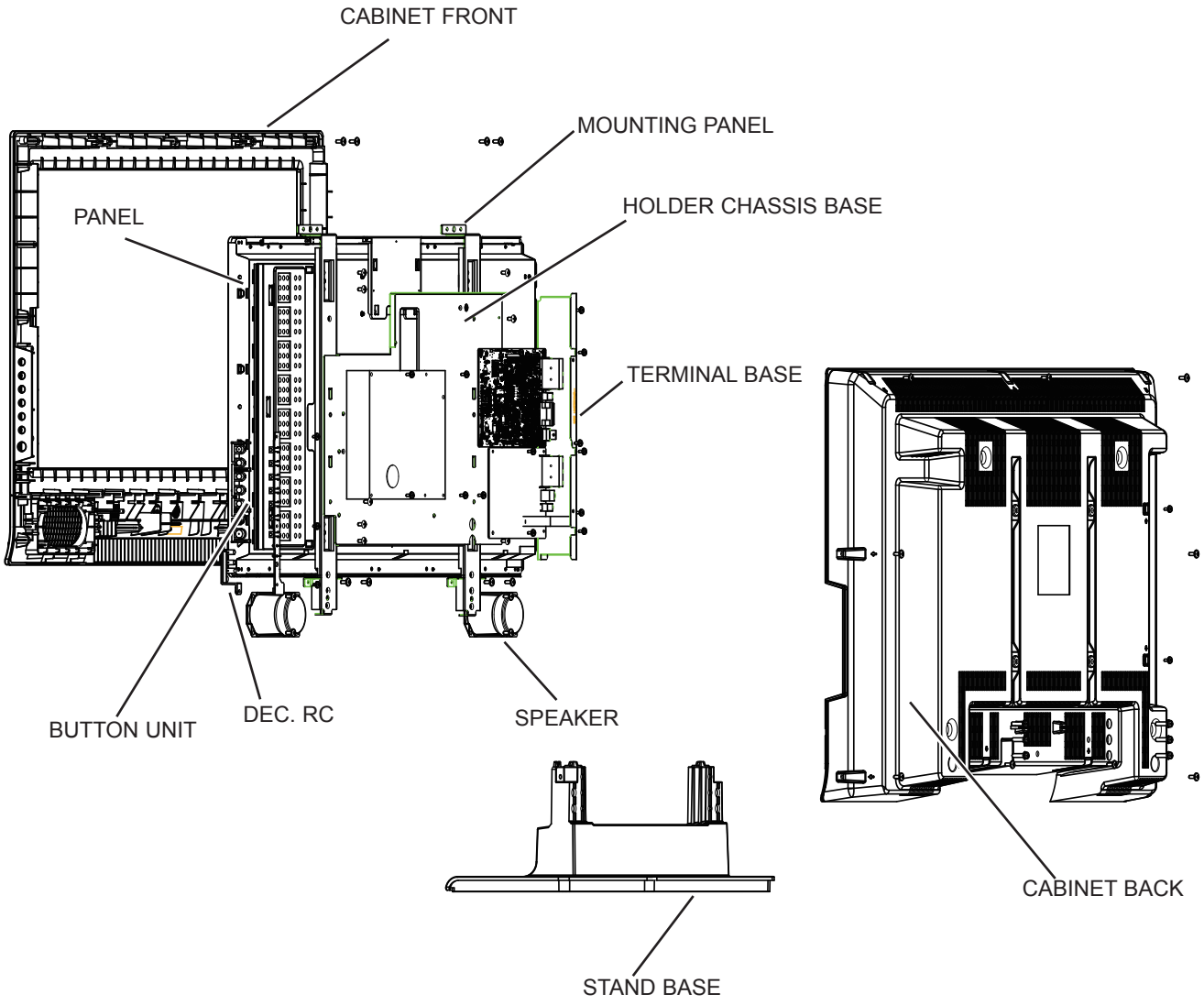
4. Decide one item in three items to a fixed value (For example, let **R** be fixed value), select item of other 2 colors (Example, **G** or **B**), and adjust to produce a normal black and white picture in highlight areas.
(**Note:** At this time, Adjust the other 2 colors data less than fixed data.)

5. Exit the Service Mode.

After adjustment, confirm white balance again by normal picture.

Mechanical Disassembly

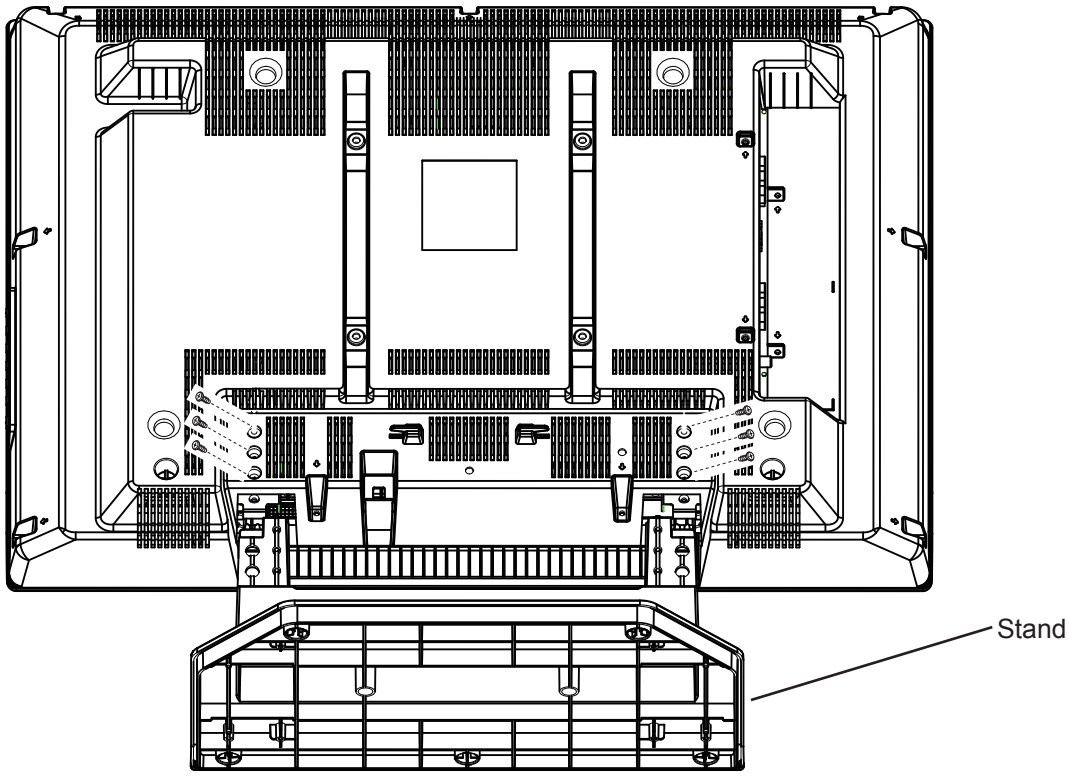
[Disassembly Diagram]



Mechanical Disassembly

1. Stand Removal

1. Remove 6 screws and remove the Stand.

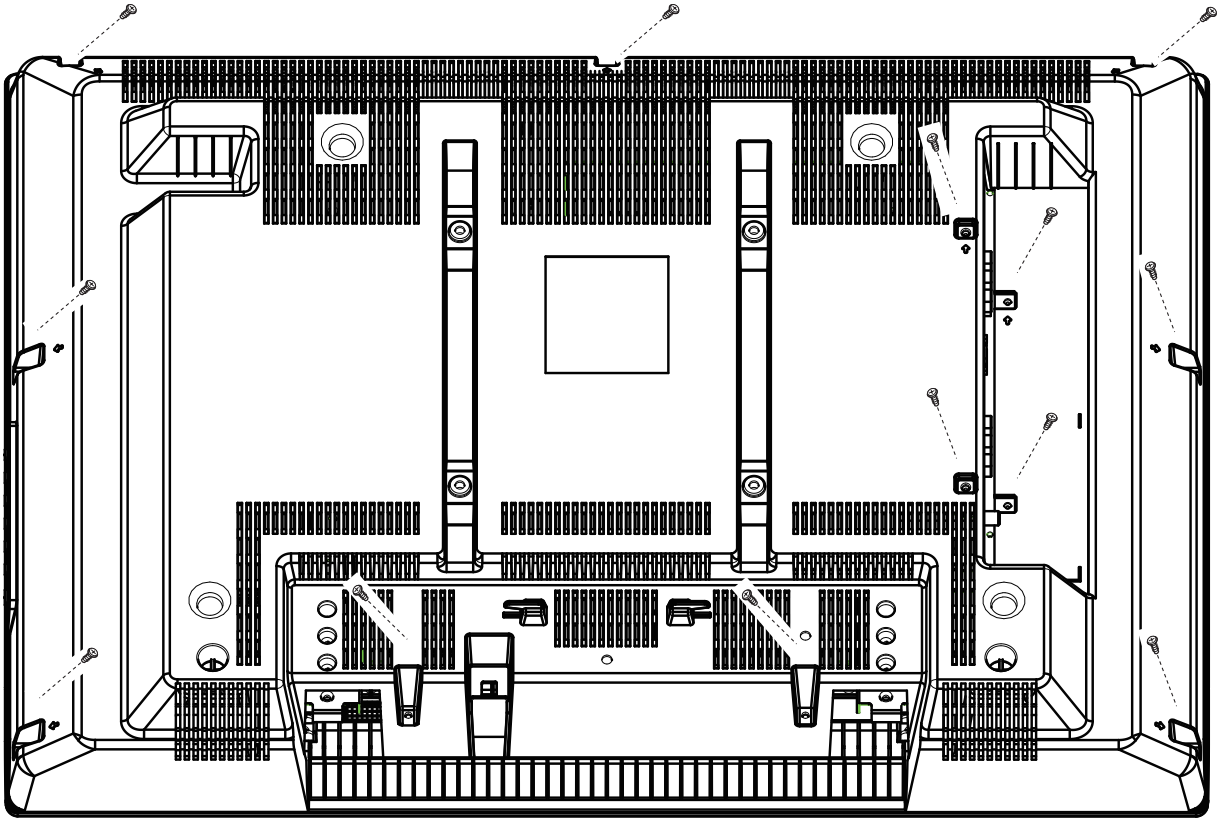


Mechanical Disassembly

2. Cabinet Back Removal

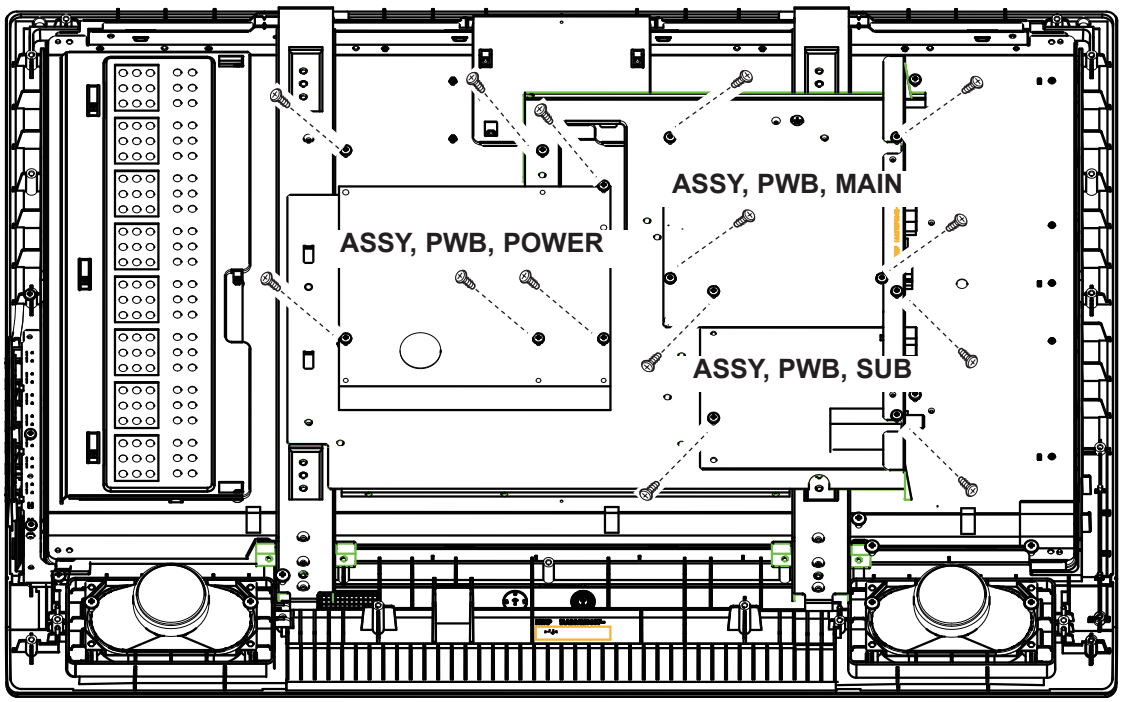
1. Remove 13 screws and take the Cabinet Back off.

Note: Cabinet Back can be removed even if it does not remove a stand.

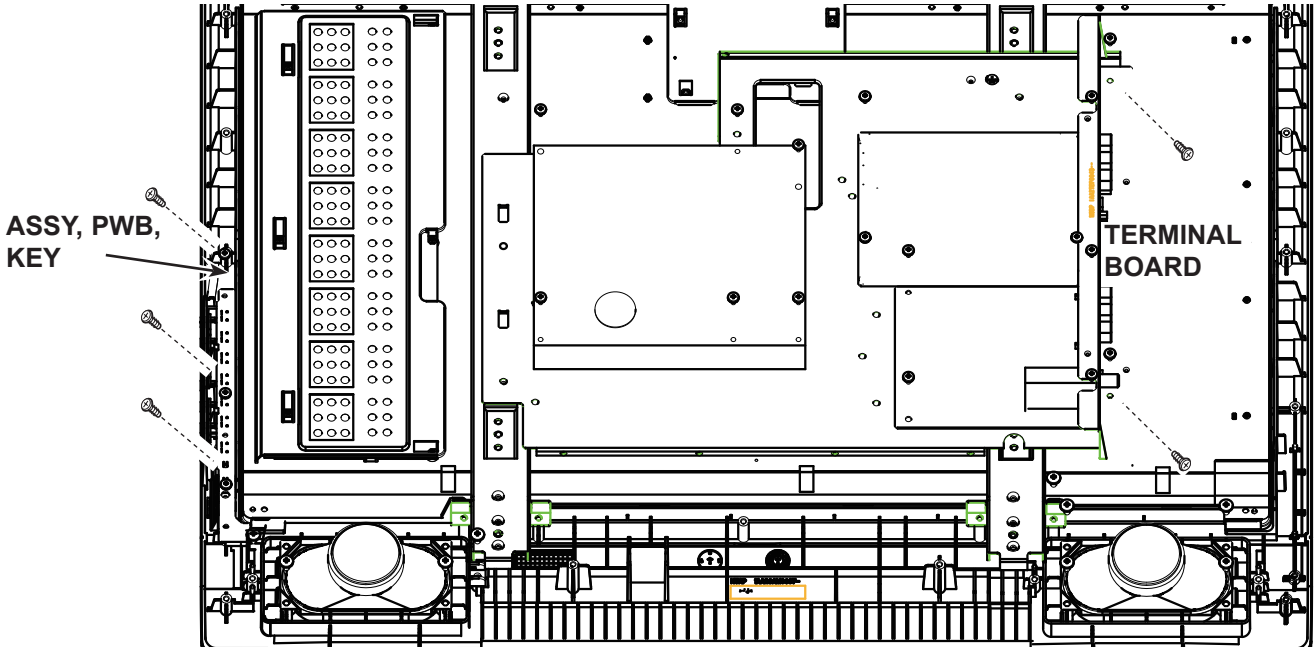


3. Circuit Board Removal

1. Remove 6 screws and take **ASSY, PWB, POWER** off.
2. Remove 4 screws on the circuit board and then take **ASSY, PWB, MAIN** off .
3. Remove 4 screws on the circuit board and then take **ASSY, PWB, SUB** off .



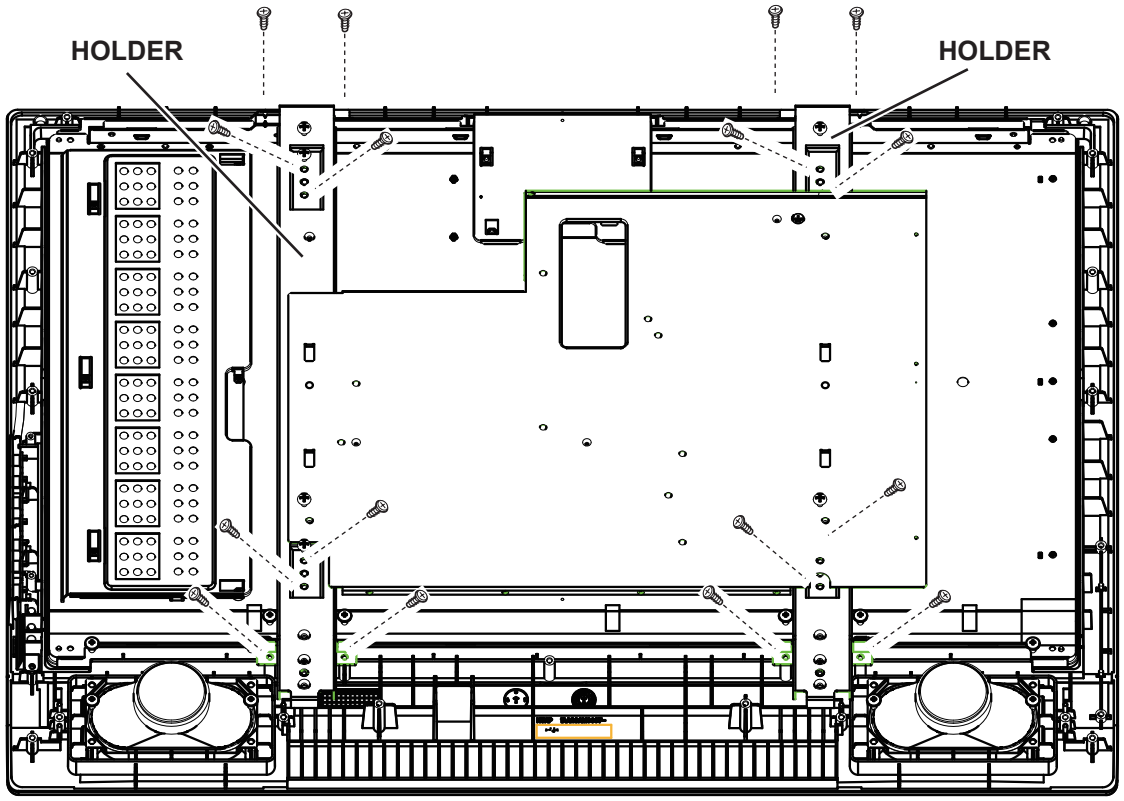
4. Remove 3 screws and take **ASSY, PWB, KEY** off .
5. Remove 2 screws and take **TERMINAL BOARD** off .



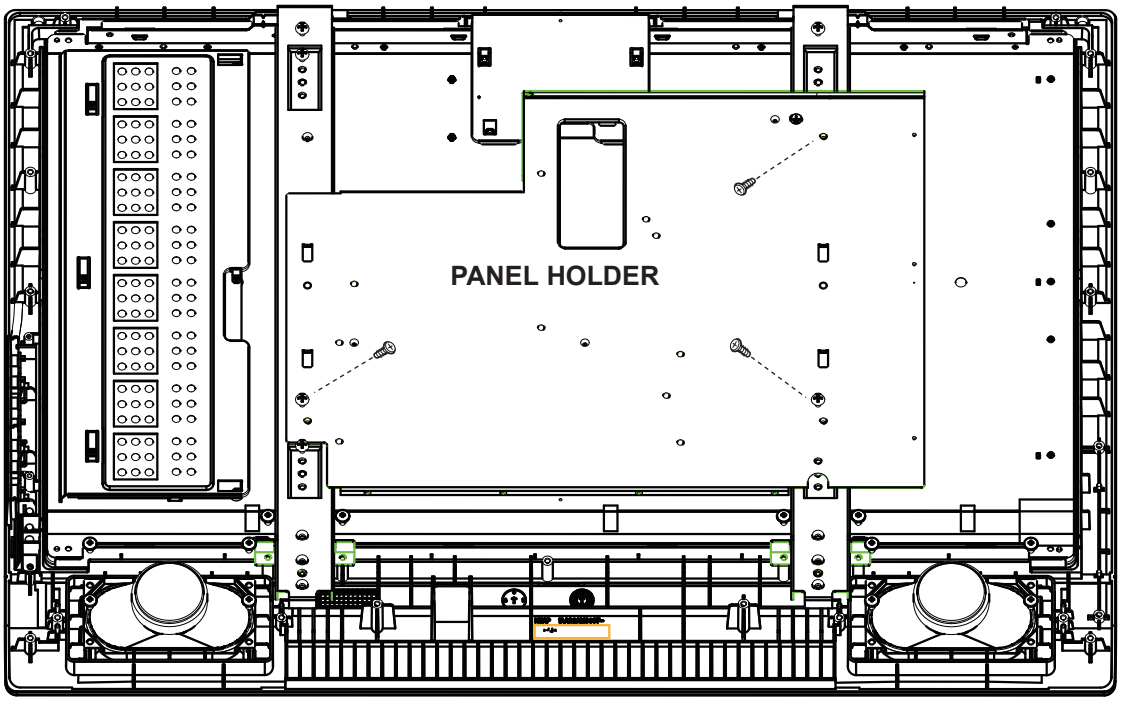
Mechanical Disassembly

4. LCD Panel Removal

1. Remove 16 screws and take HOLDER off.



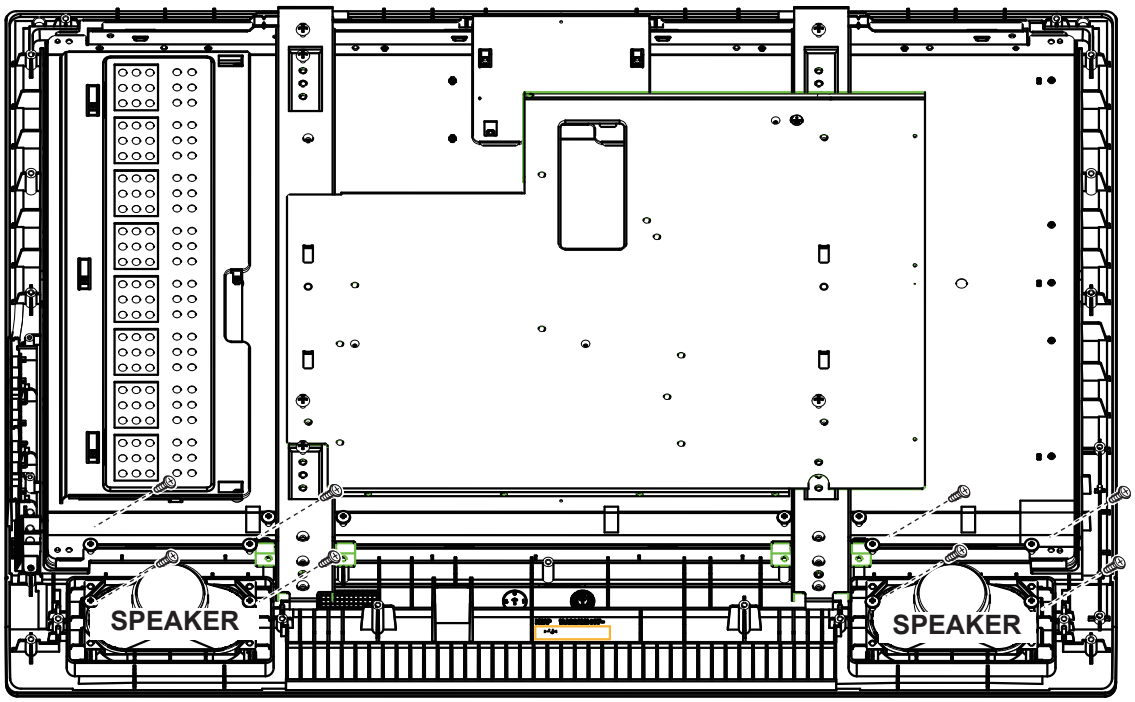
2. Remove 3 screws and take PANEL HOLDER off.



Mechanical Disassembly

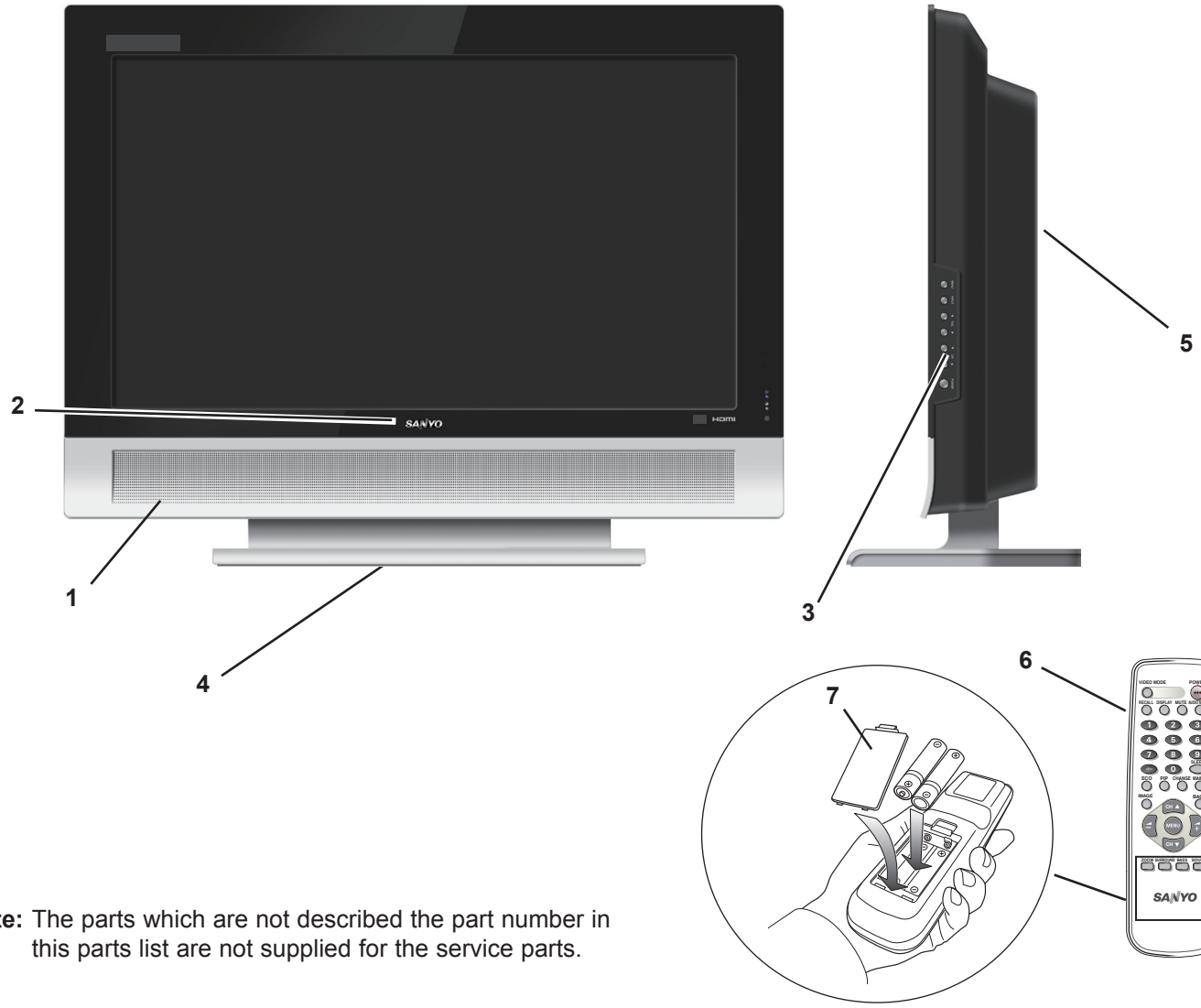
5. SPEAKER Removal

1. Remove 8 screws and take SPEAKER off.



Cabinet Parts List

Note: Parts order must contain Service Ref. No., Part No., and descriptions.



Note: The parts which are not described the part number in this parts list are not supplied for the service parts.

Key No.	Part No.	Description	Key No.	Part No.	Description
1	1AA2CAM0607-B	CABINET FRONT-N5AV			
2	1LG2BAA0008--	BADGE,SANYO*43.5X10L43.5			
3	1AA2BUM0562--	BUTTON UNIT-N5BP			
4	1AA2SDM0180--	STAND BASE-N5BP			
5	1AA2CBM0439--	CABINET BACK-N5AP			
6	1AV0U10B44900	ASSY,REMOCON JXMTL			
7	1AA2RCM0306--	RC-BATTERY LID-JXMTL			
	1LG6P1P0235--	INSTRUCTION MANUAL-N5AV			

Aug./2007

NEWSAN S. A. Una empresa del grupo SANYO Electric Co.

Chassis Electrical Parts List

Product safety should be considered when a component replacement is made in any area of a receiver.
Components indicated by a ⚠ mark in this parts list and the circuit diagram show components whose value have special significance to product safety. It is particularly recommended that only parts specified on the following parts list be used for components replacement pointed out by the mark.

Note: Parts order must contain Service Ref. No., Part No., and descriptions.

Ref. No.	Part No.	Description	Safety
A013N5AV	013N5AV	ELECTRICAL PARTS DIRECTORY	
EL901	1AV4T40B86400	LCD(T315XW02 VC03)	⚠
SP901	1LB4A10B05700	SPEAKER,8	
SP901	1LB4A10B08700	SPEAKER,8	
SP902	1LB4A10B05700	SPEAKER,8	
SP902	1LB4A10B08700	SPEAKER,8	
WKEY-800	1AA97CM07980X	STANDARD WIRE	
WPOW-404	1LB4W30B11500	CORD,ID-CONNECTOR	
WSP9L	1LB9W03CM001C	NONSTANDARD WIRE ASSY	
WSP9R	1LB9W02CM001A	NONSTANDARD WIRE ASSY	
W101-101	1AA98CM01220X	STANDARD WIRE	
W2PCB-CN	1LB9W0ECM004-	NONSTANDARD WIRE ASSY	
W32V-405	1AA92BG01300X	STANDARD WIRE ASSY-JPN	
W7205	1LB4W30B12100	CORD 30PIN (LVDS)	
W901	1LB4W10B01900	CORD,POWER	⚠
A1000	1LG0B10Y01800	ASSY,PWB,MAIN N5AV	
C001	CE1E101MKNANG	ELECT 100U M 25V	
C001	CE1E101M1WANG	ELECT 100U M 25V	
C002	CK1C475ZGBFNG	CERAMIC 4.7U Z 16V	
C002	CK1C475ZGNFNG	CERAMIC 4.7U Z 16V	
C004	CKXAV1A224EAG	CERAMIC 0.22U K 10V	
C004	CKXLB1A224YAG	CERAMIC 0.22U K 10V	
C004	CK1A224KGQBNG	CERAMIC 0.22U K 10V	
C006	CK1C475ZGBFNG	CERAMIC 4.7U Z 16V	
C006	CK1C475ZGNFNG	CERAMIC 4.7U Z 16V	
C007	CK1C475ZGBFNG	CERAMIC 4.7U Z 16V	
C007	CK1C475ZGNFNG	CERAMIC 4.7U Z 16V	
C010	CKXLB1H103YDG	CERAMIC 0.01U Z 50V	
C011	CKXAV1A224EAG	CERAMIC 0.22U K 10V	
C011	CKXLB1A224YAG	CERAMIC 0.22U K 10V	
C011	CK1A224KGQBNG	CERAMIC 0.22U K 10V	
C012	CK1C475ZGBFNG	CERAMIC 4.7U Z 16V	
C012	CK1C475ZGNFNG	CERAMIC 4.7U Z 16V	
C014	CE1E101MKNANG	ELECT 100U M 25V	
C014	CE1E101M1WANG	ELECT 100U M 25V	
C015	CK1H104KLZBNG	CERAMIC 0.1U K 50V	
C016	CEXLB1C100VAG	ELECT 10U M 16V	
C016	CE1C100MKNANG	ELECT 10U M 16V	
C016	CE1C100M1WANG	ELECT 10U M 16V	
C017	CK1H104KLZBNG	CERAMIC 0.1U K 50V	
C017	CK1H104ZGQFNG	CERAMIC 0.1U Z 50V	
C018	CE1C331MKNANG	ELECT 330U M 16V	
C018	CE1C331M1WANG	ELECT 330U M 16V	
C019	CKXLB1H103YDG	CERAMIC 0.01U Z 50V	
C020	CKXLB1H103YDG	CERAMIC 0.01U Z 50V	
C021	CKXLB1H224YAG	CERAMIC 0.22U K 50V	
C022	CKXLB1H103YDG	CERAMIC 0.01U Z 50V	
C023	CKXLB1H103YDG	CERAMIC 0.01U Z 50V	
C024	CKXLB1H224YAG	CERAMIC 0.22U K 50V	
C026	CE1C331MKNANG	ELECT 330U M 16V	
C026	CE1C331M1WANG	ELECT 330U M 16V	
C029	CK1C475ZGBFNG	CERAMIC 4.7U Z 16V	
C029	CK1C475ZGNFNG	CERAMIC 4.7U Z 16V	

Ref. No.	Part No.	Description	Safety
C030	CK1C475ZGBFNG	CERAMIC 4.7U Z 16V	
C030	CK1C475ZGNFNG	CERAMIC 4.7U Z 16V	
C1034	CCXAV1H100ABG	CERAMIC 10PJ 50.0V	
C1034	CCXLB1H100ZBG	CERAMIC 10P J 50V	
C1038	CCXAV1H100ABG	CERAMIC 10PJ 50.0V	
C1038	CCXLB1H100ZBG	CERAMIC 10P J 50V	
C1512	CK1A105MLZBNG	CERAMIC 1U M 10V	
C1513	CK1A105MLZBNG	CERAMIC 1U M 10V	
C1514	CK1A105MLZBNG	CERAMIC 1U M 10V	
C1515	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
C1516	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
C1522	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C1522	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C1522	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C1530	CE1C471MKNANG	ELECT 470U M 16V	
C1530	CE1C471M1WANG	ELECT 470U M 16V	
C1535	CE1C101M1WANG	ELECT 100U M 16V	
C1536	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C1536	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C1536	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2209	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2209	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2209	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2210	CE1C101MKNANG	ELECT 100U M 16V	
C2210	CE1C101M1WANG	ELECT 100U M 16V	
C2211	CE1C471MKNANG	ELECT 470U M 16V	
C2211	CE1C471M1WANG	ELECT 470U M 16V	
C2212	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2212	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2212	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2213	CE1C101M1WANG	ELECT 100U M 16V	
C2214	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2214	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2214	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2215	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2215	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2215	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2216	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2216	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2216	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2217	CE1C471MKNANG	ELECT 470U M 16V	
C2217	CE1C471M1WANG	ELECT 470U M 16V	
C2220	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2220	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2220	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2221	CE1C101MKNANG	ELECT 100U M 16V	
C2221	CE1C101M1WANG	ELECT 100U M 16V	
C2300	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2300	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2300	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2301	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C2301	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C2301	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C2302	CE1C470MKNANG	ELECT 47U M 16V	

Ref. No.	Part No.	Description	Safety
C2302	CE1C470M1WANG	ELECT 47U M 16V	
C2305	CE0J220MKNANG	ELECT 22U M 6.3V	
C2305	CE0J220M1WANG	ELECT 22U M 6.3V	
C7200	CCXAV1H8R0AAG	CERAMIC 8P D 50V	
C7200	CCXLB1H8R0ZAG	CERAMIC 8P D 50V	
C7201	CCXAV1H8R0AAG	CERAMIC 8P D 50V	
C7201	CCXLB1H8R0ZAG	CERAMIC 8P D 50V	
C7202	CE0J220MKNANG	ELECT 22U M 6.3V	
C7202	CE0J220M1WANG	ELECT 22U M 6.3V	
C7204	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7204	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7204	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7205	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7205	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7205	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7207	CE0J220MKNANG	ELECT 22U M 6.3V	
C7207	CE0J220M1WANG	ELECT 22U M 6.3V	
C7208	CE0J220MKNANG	ELECT 22U M 6.3V	
C7208	CE0J220M1WANG	ELECT 22U M 6.3V	
C7209	CE0J220MKNANG	ELECT 22U M 6.3V	
C7209	CE0J220M1WANG	ELECT 22U M 6.3V	
C7210	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7210	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7210	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7211	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7211	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7211	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7212	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7212	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7212	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7213	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7213	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7213	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7214	CE0J220MKNANG	ELECT 22U M 6.3V	
C7214	CE0J220M1WANG	ELECT 22U M 6.3V	
C7215	CE0J220MKNANG	ELECT 22U M 6.3V	
C7215	CE0J220M1WANG	ELECT 22U M 6.3V	
C7216	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7216	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7216	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7217	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7217	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7217	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7218	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7218	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7218	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7219	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7219	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7219	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7220	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7220	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7220	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7221	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7221	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7221	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7222	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7222	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7222	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7223	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7223	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7223	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7224	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7224	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7224	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7225	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7225	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7225	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7227	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7227	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7227	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7228	CE0J220MKNANG	ELECT 22U M 6.3V	
C7228	CE0J220M1WANG	ELECT 22U M 6.3V	
C7229	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7229	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7229	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7230	CE0J220MKNANG	ELECT 22U M 6.3V	
C7230	CE0J220M1WANG	ELECT 22U M 6.3V	
C7231	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7231	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7231	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7232	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7232	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7232	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7233	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7233	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7233	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7234	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7234	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7234	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7235	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7235	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7235	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7236	CCXAV1H100ABG	CERAMIC 10PJ 50.0V	
C7236	CCXLB1H100ZBG	CERAMIC 10P J 50V	
C7238	CE0J220MKNANG	ELECT 22U M 6.3V	
C7238	CE0J220M1WANG	ELECT 22U M 6.3V	
C7239	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7239	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7239	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7240	CE0J220MKNANG	ELECT 22U M 6.3V	
C7240	CE0J220M1WANG	ELECT 22U M 6.3V	
C7241	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7241	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7241	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7242	CE0J220MKNANG	ELECT 22U M 6.3V	
C7242	CE0J220M1WANG	ELECT 22U M 6.3V	
C7243	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7243	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7243	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7244	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7244	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7244	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7245	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C7245	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C7245	CK1H103KGQBNG	CERAMIC 0.01U K 50V	
C7246	CCXAV1H100ABG	CERAMIC 10PJ 50.0V	
C7246	CCXLB1H100ZBG	CERAMIC 10P J 50V	
C7248	CE0J220MKNANG	ELECT 22U M 6.3V	
C7248	CE0J220M1WANG	ELECT 22U M 6.3V	
C7249	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7249	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7249	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7250	CE0J220MKNANG	ELECT 22U M 6.3V	
C7250	CE0J220M1WANG	ELECT 22U M 6.3V	
C7251	CE0J220MKNANG	ELECT 22U M 6.3V	
C7251	CE0J220M1WANG	ELECT 22U M 6.3V	
C7252	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C7252	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C7252	CK1H103KGQBNG	CERAMIC 0.01U K 50V	
C7253	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C7253	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C7253	CK1H103KGQBNG	CERAMIC 0.01U K 50V	
C7254	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7254	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7254	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7255	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7255	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7255	CK1C104KGQBNG	CERAMIC 0.1U K 16V	

Ref. No.	Part No.	Description	Safety
C7256	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7256	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7256	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7257	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7257	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7257	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7258	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7258	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7258	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7259	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7259	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7259	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7260	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7260	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7260	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7261	CE0J220MKNANG	ELECT 22U M 6.3V	
C7261	CE0J220M1WANG	ELECT 22U M 6.3V	
C7262	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7262	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7262	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7263	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7263	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7263	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7267	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7267	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7267	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7269	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7269	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7269	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7270	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7270	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7270	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7271	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7271	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7271	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7272	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7272	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7272	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7273	CKXAV1E104EAG	CERAMIC 0.1U K 25V	
C7273	CKXLB1E104YAG	CERAMIC 0.1U K 25V	
C7273	CK1E104KGQBNG	CERAMIC 0.1U K 25V	
C7279	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7279	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7280	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7280	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7281	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7281	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7282	CCXAV1H300ABG	CERAMIC30PJ 50.0V	
C7282	CCXLB1H300ZBG	CERAMIC 30P J 50V	
C7282	CC1H300JGQCNG	CERAMIC 30P J 50V	
C7285	CK1A105MLZBNG	CERAMIC 1U M 10V	
C7286	CK1A105MLZBNG	CERAMIC 1U M 10V	
C7287	CEXLB1C100VAG	ELECT 10U M 16V	
C7287	CE1C100M1WANG	ELECT 10U M 16V	
C7290	CCXAV1H101ABG	CERAMIC0.0001U J 50.0V	
C7290	CCXLB1H101ZBG	CERAMIC 100P J 50V	
C7291	CCXAV1H101ABG	CERAMIC0.0001U J 50.0V	
C7291	CCXLB1H101ZBG	CERAMIC 100P J 50V	
C7296	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7296	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7297	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7297	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7298	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7298	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7299	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7299	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7300	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7300	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7301	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7301	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7302	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7302	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7303	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C7303	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C7311	CE0J220MKNANG	ELECT 22U M 6.3V	
C7311	CE0J220M1WANG	ELECT 22U M 6.3V	
C7312	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7312	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7312	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7313	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7313	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7313	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7314	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7314	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7314	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7315	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7315	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7315	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7316	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7316	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7316	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7317	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7317	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7317	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7318	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7318	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7318	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7319	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7319	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7319	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7320	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7320	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7320	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7321	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7321	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7321	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7322	CE1C220MKNANG	ELECT 22U M 16V	
C7322	CE1C220M1WANG	ELECT 22U M 16V	
C7323	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7323	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7323	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7324	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7324	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7324	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7500	CE1C470MKNANG	ELECT 47U M 16V	
C7500	CE1C470M1WANG	ELECT 47U M 16V	
C7501	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7501	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7501	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7502	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7502	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7502	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7503	CE1C470MKNANG	ELECT 47U M 16V	
C7503	CE1C470M1WANG	ELECT 47U M 16V	
C7505	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7505	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7505	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7506	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7506	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7506	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7507	CE1C470MKNANG	ELECT 47U M 16V	
C7507	CE1C470M1WANG	ELECT 47U M 16V	
C7508	CE0J220MKNANG	ELECT 22U M 6.3V	
C7508	CE0J220M1WANG	ELECT 22U M 6.3V	
C7509	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7509	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7509	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7510	CKXAV1C104EAG	CERAMIC 0.1U K 16V	

Ref. No.	Part No.	Description	Safety
C7510	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7510	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7511	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7511	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7511	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7512	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7512	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7512	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7513	CKXAV1H102EAG	CERAMIC 1000P K 50V	
C7513	CKXLB1H102YAG	CERAMIC 1000P K 50V	
C7514	CKXAV1H102EAG	CERAMIC 1000P K 50V	
C7514	CKXLB1H102YAG	CERAMIC 1000P K 50V	
C7515	CKXAV1H102EAG	CERAMIC 1000P K 50V	
C7515	CKXLB1H102YAG	CERAMIC 1000P K 50V	
C7516	CKXAV1H102EAG	CERAMIC 1000P K 50V	
C7516	CKXLB1H102YAG	CERAMIC 1000P K 50V	
C7517	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7517	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7517	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7518	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7518	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7518	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7519	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7519	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7519	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7520	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7520	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7520	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7521	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7521	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7521	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7522	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7522	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7522	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7523	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7523	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7523	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7524	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7524	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7524	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7525	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7525	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7525	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7526	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7526	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7526	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7527	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7527	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7527	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7528	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7528	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7528	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7529	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7529	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7529	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7530	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7530	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7530	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7531	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7531	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7531	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7532	CEXLB1C100VAG	ELECT 10U M 16V	
C7532	CE1C100M1WANG	ELECT 10U M 16V	
C7533	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7533	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7534	CCXAV1H220ABG	CERAMIC22P J 50.0V	
C7534	CCXLB1H220ZBG	CERAMIC 22P J 50V	
C7535	CCXAV1H220ABG	CERAMIC22P J 50.0V	
C7535	CCXLB1H220ZBG	CERAMIC 22P J 50V	
C7536	CEXLB1C100VAG	ELECT 10U M 16V	
C7536	CE1C100M1WANG	ELECT 10U M 16V	
C7537	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7537	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7537	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7538	CEXLB1C100VAG	ELECT 10U M 16V	
C7538	CE1C100M1WANG	ELECT 10U M 16V	
C7539	CEXLB1C100VAG	ELECT 10U M 16V	
C7539	CE1C100M1WANG	ELECT 10U M 16V	
C7540	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7540	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7540	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C7541	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C7541	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C7541	CK1H103KGQBNG	CERAMIC 0.01U K 50V	
C7542	CEXLB1C100VAG	ELECT 10U M 16V	
C7542	CE1C100M1WANG	ELECT 10U M 16V	
C7543	CEXLB1C100VAG	ELECT 10U M 16V	
C7543	CE1C100M1WANG	ELECT 10U M 16V	
C7544	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C7544	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C7544	CK1H103KGQBNG	CERAMIC 0.01U K 50V	
C7545	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C7545	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C7545	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C8001	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C8001	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C8001	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C8002	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C8002	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C8002	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C8006	CKXAV1H222EAG	CERAMIC0.0022U K 50V	
C8006	CKXLB1H222YAG	CERAMIC 2200P K 50V	
C8017	CEXLB1C100VAG	ELECT 10U M 16V	
C8017	CE1C100MKNANG	ELECT 10U M 16V	
C8017	CE1C100M1WANG	ELECT 10U M 16V	
C8055	CCXAV1H100ABG	CERAMIC 10PJ 50.0V	
C8055	CCXLB1H100ZBG	CERAMIC 10P J 50V	
C8200	CE1C471MKNANG	ELECT 470U M 16V	
C8200	CE1C471M1WANG	ELECT 470U M 16V	
C8201	CE1C471MKNANG	ELECT 470U M 16V	
C8201	CE1C471M1WANG	ELECT 470U M 16V	
C8202	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C8202	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C8202	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
D001	DDXLBB053---G	DIODE 1SS35	
D001	DD1SS355----G	DIODE 1SS355-TE-17	
D002	DDXLBB053---G	DIODE 1SS35	
D002	DD1SS355----G	DIODE 1SS355-TE-17	
D006	DZUDZS10B---G	ZENER DIODE UDZS-TE-1710B	
D1500	DDXLBB053---G	DIODE 1SS35	
D1500	DD1SS355----G	DIODE 1SS355-TE-17	
D1501	DDXLBB053---G	DIODE 1SS35	
D1501	DD1SS355----G	DIODE 1SS355-TE-17	
D1502	DDXLBB053---G	DIODE 1SS35	
D1502	DD1SS355----G	DIODE 1SS355-TE-17	
D2205	DDXLBB053---G	DIODE 1SS35	
D2205	DD1SS355----G	DIODE 1SS355-TE-17	
D2208	DDXLBB053---G	DIODE 1SS35	
D2208	DD1SS355----G	DIODE 1SS355-TE-17	
D2209	DDDCC010----P	DIODE DCC010-TB	
D2301	DDDCC010----P	DIODE DCC010-TB	
D7200	DDXLBB053---G	DIODE 1SS35	
D7200	DD1SS355----G	DIODE 1SS355-TE-17	
D7202	DDXLBB053---G	DIODE 1SS35	
D7202	DD1SS355----G	DIODE 1SS355-TE-17	
D7204	DZUDZS5.6B--G	ZD UDZS-TE-175.6B	
D7204	DZXLBXB5.6B-G	ZENER DIODE MM3Z5V6B	
D7205	DZUDZS5.6B--G	ZD UDZS-TE-175.6B	

Ref. No.	Part No.	Description	Safety
D7205	DZXLBXB5.6B-G	ZENER DIODE MM3Z5V6B	
D7280	DDXLBB053---G	DIODE 1SS35	
D7280	DD1SS355----G	DIODE 1SS355-TE-17	
D7500	DDXLBB053---G	DIODE 1SS35	
D7500	DD1SS355----G	DIODE 1SS355-TE-17	
D7502	DDXLBB053---G	DIODE 1SS35	
D7502	DD1SS355----G	DIODE 1SS355-TE-17	
D7503	DDDCC010----P	DIODE DCC010-TB	
D7504	DDXLBB053---G	DIODE 1SS35	
D7504	DD1SS355----G	DIODE 1SS355-TE-17	
D7505	DDXLBB053---G	DIODE 1SS35	
D7505	DD1SS355----G	DIODE 1SS355-TE-17	
D8002	DZUDZS3.6B--G	ZENER DIODE UDZS3.6B-TE-17	
D8002	DZXLBXB3.6B-G	ZENER DIODE MM3Z3V6B	
D8003	DZUDZS3.6B--G	ZENER DIODE UDZS3.6B-TE-17	
D8003	DZXLBXB3.6B-G	ZENER DIODE MM3Z3V6B	
D8101	DDXLBB053---G	DIODE 1SS35	
D8101	DD1SS355----G	DIODE 1SS355-TE-17	
D8102	DDXLBB053---G	DIODE 1SS35	
D8102	DD1SS355----G	DIODE 1SS355-TE-17	
IC2202	QXXAVC638---P	IC AMS1085CM-3.3	
IC2203	QAMS1085CM--P	IC AMS1085CM	
IC2301	QAMS1117-2.5P	IC AMS1117-2.5	
IC403	QYDA138-----M	IC YDA138	
IC7200	QFLI8531-BE-M	IC FLI8531-LF-BE	
IC7203	Q24LC21A/SN-P	IC 24LC21AT/SN	
IC7205	QXXAVC697---P	IC 74LVC14APW/G,118	
IC7300	QXXAVC914---M	IC K4D551638H-LC40	
IC7500	QANX9011L---M	IC ANX9011L	
IC7501	QAMS1117-3.3P	IC AMS1117-3.3	
IC7501	QLM1117S-3.3P	IC LM1117S-3.3	
IC7502	QAMS1117-1.8P	IC AMS1117-1.8	
IC7502	QLM1117S-1.8P	IC LM1117S-1.8	
IC7503	Q24C02CT/SN-P	IC 24C02CT-I/SNG	
IC7504	QCM2021-----P	IC CM2021	
IC7505	QCS4344-CZZ-P	IC CS4344-CZZ	
IC8001	QXXAAJQ0810--	IC W25X80VSSIG-N5AV	
IC8001A	QXXAVC909---P	IC W25X80VSSIG	
IC8001B	1AA6P4P1588--	LABEL-W25X80VSSIG-N5AV	
IC8002	Q24LC32AT/SNP	IC 24LC32AT-I/SNG	
K1003	1LB4J12B06602	JACK,RCA-5(6-1)	
K7204	1AV4J12B06800	JACK,PHONE D3.5	
K7204	1LB4J12B11900	JACK,PHONE D3.6	
L001	1LB4L26B0880N	INDUCTOR,22UH	
L002	1LB4L26B0880N	INDUCTOR,22UH	
L003	1LB4L26B0880N	INDUCTOR,22UH	
L004	1LB4L26B0880N	INDUCTOR,22UH	
L2204	1AV4L26B2770G	INDUCTOR,220 OHM	
L2204	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2205	1AV4L26B2770G	INDUCTOR,220 OHM	
L2205	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2206	1AV4L26B2770G	INDUCTOR,220 OHM	
L2206	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2207	1AV4L26B2770G	INDUCTOR,220 OHM	
L2207	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2208	1AV4L26B2770G	INDUCTOR,220 OHM	
L2208	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2209	1AV4L26B2770G	INDUCTOR,220 OHM	
L2209	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2210	1AV4L26B2770G	INDUCTOR,220 OHM	
L2210	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2211	1AV4L26B2770G	INDUCTOR,220 OHM	
L2211	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2212	1AV4L26B2770G	INDUCTOR,220 OHM	
L2212	1LB4L26B0740G	INDUCTOR , 220 OHM	
L2213	1AV4L26B2770G	INDUCTOR,220 OHM	
L2213	1LB4L26B0740G	INDUCTOR , 220 OHM	
L7205	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
L7206	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
L7500	1AV4L26B2770G	INDUCTOR,220 OHM	
L7500	1LB4L26B0740G	INDUCTOR , 220 OHM	
L7501	1AV4L26B2770G	INDUCTOR,220 OHM	
L7501	1LB4L26B0740G	INDUCTOR , 220 OHM	
L7502	1AV4L26B2770G	INDUCTOR,220 OHM	
L7502	1LB4L26B0740G	INDUCTOR , 220 OHM	
L7503	1AV4L26B2770G	INDUCTOR,220 OHM	
L7503	1LB4L26B0740G	INDUCTOR , 220 OHM	
L8001	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
L8002	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
L8003	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
L8006	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
L8007	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
PB0001	1LG4B10Y0140A	PWB MAIN N5AV	
Q001	TXXLBB006---P	TR MMBTSC3928R	
Q001	7T200220	TR 2SC2412K(P)-6	
Q002	TXXLBB006---P	TR MMBTSC3928R	
Q002	7T200220	TR 2SC2412K(P)-6	
Q003	TXXLBB006---P	TR MMBTSC3928R	
Q003	7T200220	TR 2SC2412K(P)-6	
Q681	TXXLBB006---P	TR MMBTSC3928R	
Q681	7T200220	TR 2SC2412K(P)-6	
Q7200	TXXLBB006---P	TR MMBTSC3928R	
Q7200	7T200220	TR 2SC2412K(P)-6	
Q7201	TXXLBB005---P	TR MMBTSA1235F	
Q7201	7T200221	TR 2SA1037K(P)-4	
Q7203	TXXLBB006---P	TR MMBTSC3928R	
Q7203	7T200220	TR 2SC2412K(P)-6	
Q7280	TTPC8109----P	TR TPC8109	
Q7500	TXXLBB006---P	TR MMBTSC3928R	
Q7500	7T200220	TR 2SC2412K(P)-6	
Q8002	TXXLBB006---P	TR MMBTSC3928R	
Q8002	7T200220	TR 2SC2412K(P)-6	
Q8003	T2SK536-----P	TR 2SK536-TB	
Q8004	T2SK536-----P	TR 2SK536-TB	
Q8007	TXXLBB006---P	TR MMBTSC3928R	
Q8007	7T200220	TR 2SC2412K(P)-6	
Q8100	TXXLBB006---P	TR MMBTSC3928R	
Q8100	7T200220	TR 2SC2412K(P)-6	
Q8102	TXXLBB005---P	TR MMBTSA1235F	
Q8102	7T200221	TR 2SA1037K(P)-4	
Q8103	TXXLBB006---P	TR MMBTSC3928R	
Q8103	7T200220	TR 2SC2412K(P)-6	
Q8104	TXXLBB006---P	TR MMBTSC3928R	
Q8104	7T200220	TR 2SC2412K(P)-6	
RB7200	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7200	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7200	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7201	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7201	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7201	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7202	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7202	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7202	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7203	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7203	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7203	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7204	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7204	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7204	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7205	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7205	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7205	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7500	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7500	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7500	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7501	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7501	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7501	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	

Ref. No.	Part No.	Description	Safety
RB7502	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7502	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7502	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
RB7503	1AV4R1A43304G	R-NETWORK 33X4 0.063W	
RB7503	1LB4R1YA330JG	R-NETWORK 33X4 0.063W	
RB7503	1LB4R1ZA330JG	R-NETWORK 33X4 0.063W	
R001	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R002	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R003	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R004	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R006	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R007	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R008	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R013	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R014	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R015	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R017	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R031	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R032	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R033	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R034	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R038	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W	
R039	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R041	RGF1201JTCANL	MT-GLAZE 1.2K JA 1/10W	
R042	RGF1201JTCANL	MT-GLAZE 1.2K JA 1/10W	
R1031	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1033	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1034	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1035	RGF1003FTCANL	MT-GLAZE 100K FA 1/10W	
R1036	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1038	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1039	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R1040	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1041	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R1042	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R1503	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1504	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R1505	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1578	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R2201	RGF8200FTCANL	MT-GLAZE 820 FA 1/10W	
R2202	RGF3600FTCANL	MT-GLAZE 360 FA 1/10W	
R2203	RG1R000ZTEANL	MT-GLAZE 0.000 ZA 1W	
R7100	RGF1502JTCANL	MT-GLAZE 15K JA 1/10W	
R7101	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7102	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7103	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7105	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7116	RGK4701JTFANL	MT-GLAZE 4.7K JA 1/3W	
R7119	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R7138	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R7175	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7176	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7177	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7178	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R7179	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7180	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7181	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7182	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7183	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7184	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7185	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7186	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7187	RGF6801JTCANL	MT-GLAZE 6.8K JA 1/10W	
R7188	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7189	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7192	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7193	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R7194	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7196	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	

Ref. No.	Part No.	Description	Safety
R7197	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7198	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7199	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7200	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7201	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7202	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7204	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7208	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7211	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7212	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7213	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7214	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7215	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7216	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7217	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7218	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7219	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7220	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7221	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7222	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7223	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7224	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7225	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7226	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7227	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7228	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7229	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7230	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7231	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W	
R7232	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W	
R7233	RGF56R0JTCANL	MT-GLAZE 56 JA 1/10W	
R7234	RGF56R0JTCANL	MT-GLAZE 56 JA 1/10W	
R7235	RGF56R0JTCANL	MT-GLAZE 56 JA 1/10W	
R7236	RGF56R0JTCANL	MT-GLAZE 56 JA 1/10W	
R7237	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7238	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7240	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7241	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7242	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7243	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R7244	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R7245	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R7246	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7247	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7248	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7249	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7250	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7251	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7252	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7253	RGF2702JTCANL	MT-GLAZE 27K JA 1/10W	
R7254	RGF4700FTCANL	MT-GLAZE 470 FA 1/10W	
R7255	RGF1202JTCANL	MT-GLAZE 12K JA 1/10W	
R7256	RGF2200JTCANL	MT-GLAZE 220 JA 1/10W	
R7257	RGF1000FTCANL	MT-GLAZE 100 FA 1/10W	
R7258	RGF6800JTCANL	MT-GLAZE 680 JA 1/10W	
R7259	RGF56R0JTCANL	MT-GLAZE 56 JA 1/10W	
R7260	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7261	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7262	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	

Ref. No.	Part No.	Description	Safety
R7263	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R7266	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7270	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7272	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7280	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7281	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7282	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7283	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7284	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7285	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7286	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7287	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7290	RGF6801JTCANL	MT-GLAZE 6.8K JA 1/10W	
R7291	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7292	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7300	RGF2702JTCANL	MT-GLAZE 27K JA 1/10W	
R7307	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7308	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7310	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7311	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7312	RGF22R0JTCANL	MT-GLAZE 22 JA 1/10W	
R7319	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W	
R7320	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W	
R7326	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R7327	RGF1100JTCANL	MT-GLAZE 110 JA 1/10W	
R7328	RGF1500JTCANL	MT-GLAZE 150 JA 1/10W	
R7329	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R7332	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7333	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7359	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7360	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7361	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7362	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7380	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R7381	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R7383	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R7384	RGF75R0JTCANL	MT-GLAZE 75 JA 1/10W	
R7500	RG1R000ZTEANL	MT-GLAZE 0.000 ZA 1W	
R7502	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7505	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7506	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R7507	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7508	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R7510	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7511	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7512	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R7513	RGF1004JTCANL	MT-GLAZE 1M JA 1/10W	
R7515	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R7516	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7517	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7518	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7519	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7520	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7521	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7522	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7523	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7524	RGF3300JTCANL	MT-GLAZE 330 JA 1/10W	
R7525	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7526	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R7527	RGF1004JTCANL	MT-GLAZE 1M JA 1/10W	
R7528	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7529	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7530	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7531	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R7532	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7533	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W	
R7534	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W	
R7535	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R7541	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	

Ref. No.	Part No.	Description	Safety
R8001	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8002	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8003	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8004	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8005	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R8006	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R8007	RGF33R0JTCANL	MT-GLAZE 33 JA 1/10W	
R8008	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8009	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8010	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8013	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8014	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8015	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R8016	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R8017	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8018	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8020	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8021	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R8022	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R8023	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R8024	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W	
R8025	RGF2701JTCANL	MT-GLAZE 2.7K JA 1/10W	
R8027	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8028	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8029	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R8030	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R8034	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8038	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R8077	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R8079	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W	
R8090	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8098	RGF1004JTCANL	MT-GLAZE 1M JA 1/10W	
R8099	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R8288	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
X7200	1LB4V10B0490G	OSC,CRYSTAL19.6608MHZ	
X7500	1AV4V10B8180N	OSC,CRYSTAL 27.0MHZ	
X7500	1LB4V10B0480N	OSC,CRYSTAL27.000MHZ	
A2000	1LG0B10Y01900	ASSY SUB-COMP N5AV	
A001	1LG0B10Y0190A	ASSY SUB N5AV	
A101	1AV4F1FAM0180	TUNER,TU/IF/DEC	
C101	CEXLB1C100VDN	ELECT 10U M 16V	
C102	CCXAV1H680ABG	CERAMIC68PJ 50.0V	
C102	CCXLB1H680ZBG	CERAMIC 68P J 50V	
C102	CC1H680JGQCNG	CERAMIC 68P J 50V	
C103	CCXAV1H680ABG	CERAMIC68PJ 50.0V	
C103	CCXLB1H680ZBG	CERAMIC 68P J 50V	
C103	CC1H680JGQCNG	CERAMIC 68P J 50V	
C104	CCXAV1H680ABG	CERAMIC68PJ 50.0V	
C104	CCXLB1H680ZBG	CERAMIC 68P J 50V	
C104	CC1H680JGQCNG	CERAMIC 68P J 50V	
C105	CCXAV1H680ABG	CERAMIC68PJ 50.0V	
C105	CCXLB1H680ZBG	CERAMIC 68P J 50V	
C105	CC1H680JGQCNG	CERAMIC 68P J 50V	
C106	CEXLB1C101VDN	ELECT 100U M 16V	
C107	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C107	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C108	CEXLB1H101VDN	ELECT 100U M 50V	
C109	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C109	CK1H104KGABNG	CERAMIC 0.1U K 50V	
C110	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C111	CPXLB1C220ZAN	NP-ELECT 22U M 16V	
C112	CEXLB1C100VDN	ELECT 10U M 16V	
C113	CEXLB1C100VDN	ELECT 10U M 16V	
C114	CEXLB1E100VDN	ELECT 10U M 25V	
C115	CEXLB1C100VDN	ELECT 10U M 16V	
C116	CEXLB1C100VDN	ELECT 10U M 16V	
C117	CEXLB1C101VDN	ELECT 100U M 16V	
C118	CKXLB1H104YDG	CERAMIC 0.1U Z 50V	
C118	CK1H104ZGQFNG	CERAMIC 0.1U Z 50V	

Ref. No.	Part No.	Description	Safety
C119	CEXLB1C101VDN	ELECT 100U M 16V	
C120	CKXLB1H104YDG	CERAMIC 0.1U Z 50V	
C120	CK1H104ZGQFNG	CERAMIC 0.1U Z 50V	
C190	CEXLB0J470VDN	ELECT 47U M 6.3V	
C190	CEXLB0J470WAN	ELECT 47U M 6.3V	
C191	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C191	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
C192	CK1A105MLZBNG	CERAMIC 1U M 10V	
C193	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C193	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C193	CK1H103KGQBNG	CERAMIC 0.01U K 50V	
C194	CKXAV1H821EAG	CERAMIC0.00082U K 50V	
C194	CKXLB1H821YAG	CERAMIC 820P K 50V	
C194	CK1H821KGQBNG	CERAMIC 820P K 50V	
C195	CKXLB1H223YDG	CERAMIC 0.022U Z 50V	
C195	CK1H223ZGQFNG	CERAMIC 0.022U Z 50V	
C196	CK1H563KGABNG	CERAMIC 0.056U K 50V	
C198	CKXAV1H391EAG	CERAMIC0.00039U K 50V	
C198	CKXLB1H391YAG	CERAMIC 390P K 50V	
C198	CK1H391KGQBNG	CERAMIC 390P K 50V	
C199	CKXLB1A105YDG	CERAMIC 1U Z 10V	
C199	CK1A105ZGQFNG	CERAMIC 1U Z 10V	
C199	CK1A105ZLZFNG	CERAMIC 1U Z 10V	
C199	CK1A105ZMAFNG	CERAMIC 1U Z 10V	
C272	CPXLB1C100ZAN	NP-ELECT 10U M 16V	
C300	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C300	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C301	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C301	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C302	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C302	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C303	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C303	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C304	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C304	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C305	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C305	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C306	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C306	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C307	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C307	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C308	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C308	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C308	CK1H104KGQBNG	CERAMIC 0.1U K 50V	
C309	CEXLB1C101VDN	ELECT 100U M 16V	
C310	CEXLB1C101VDN	ELECT 100U M 16V	
C311	CEXLB1C101VDN	ELECT 100U M 16V	
C312	CKXLB1E104YDG	CERAMIC 0.1U Z 25V	
C313	CEXLB1C101VDN	ELECT 100U M 16V	
C317	CKXLB1H103YDG	CERAMIC 0.01U Z 50V	
C320	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C320	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C321	CEXLB1C1R0VDN	ELECT 1U M 16V	
C321	CEXLB1C1R0WAN	ELECT 1U M 16V	
C322	CEXLB1C1R0VDN	ELECT 1U M 16V	
C322	CEXLB1C1R0WAN	ELECT 1U M 16V	
C323	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C323	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C324	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C324	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C324	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C325	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C325	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C325	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C326	CEXLB1C1R0VDN	ELECT 1U M 16V	
C326	CEXLB1C1R0WAN	ELECT 1U M 16V	
C327	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C327	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C327	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C328	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C328	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C328	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C329	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C329	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C329	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C330	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C330	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C330	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C334	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C334	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C334	CK1H104KGQBNG	CERAMIC 0.1U K 50V	
C335	CEXLB1C101VDN	ELECT 100U M 16V	
C336	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C336	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C337	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C337	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C339	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C339	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C340	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C340	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C341	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C341	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C342	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C342	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C343	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C343	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C344	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C344	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C345	CKXLB1H272YAG	CERAMIC 2700P K 50V	
C346	CKXAV1C683EAG	CERAMIC 0.068U K 16V	
C346	CKXLB1C683YAG	CERAMIC 0.068U K 16V	
C346	CK1C683KGQBNG	CERAMIC 0.068U K 16V	
C359	CEXLB1E4R7VDN	ELECT 4.7U M 25V	
C359	CEXLB1E4R7WAN	ELECT 4.7U M 25V	
C400	CEXLB1C101VDN	ELECT 100U M 16V	
C402	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C402	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C402	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C403	CEXLB1C101VDN	ELECT 100U M 16V	
C405	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C405	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C405	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C406	CEXLB1C101VDN	ELECT 100U M 16V	
C408	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C408	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C408	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C409	CEXLB1E220VDN	ELECT 22U M 25V	
C410	CEXLB1C101VDN	ELECT 100U M 16V	
C411	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C411	CKXLB1E104YAG	CERAMIC 0.1U K 25V	
C411	CK1E104KGQBNG	CERAMIC 0.1U K 25V	
C412	CEXLB0J470VDN	ELECT 47U M 6.3V	
C412	CEXLB0J470WAN	ELECT 47U M 6.3V	
C413	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C413	CKXLB1E104YAG	CERAMIC 0.1U K 25V	
C413	CK1E104KGQBNG	CERAMIC 0.1U K 25V	
C506	CK1A105MLZBNG	CERAMIC 1U M 10V	
C507	CK1A105MLZBNG	CERAMIC 1U M 10V	
C602	CEXLB1C471VDN	ELECT 470U M 16V	
C603	CKXAV1C104EAG	CERAMIC 0.1U K 16V	
C603	CKXLB1C104YAG	CERAMIC 0.1U K 16V	
C603	CK1C104KGQBNG	CERAMIC 0.1U K 16V	
C604	CKXAV1H272EAG	CERAMIC0.0027U K 50V	
C604	CKXLB1H272YAG	CERAMIC 2700P K 50V	
C606	CKXAV1H562EAG	CERAMIC0.0056U K 50V	
C606	CKXLB1H562YAG	CERAMIC 5600P K 50V	
D400	DD1SS355----G	DIODE 1SS355-TE-17	
D401	DD1SS355----G	DIODE 1SS355-TE-17	

Ref. No.	Part No.	Description	Safety
D402	DD1SS355----G	DIODE 1SS355-TE-17	
D405	DD1SS355----G	DIODE 1SS355-TE-17	
D408	DD1SS355----G	DIODE 1SS355-TE-17	
D600	DD1SS355----G	DIODE 1SS355-TE-17	
IC003	QLA7217M-T--G	IC LA7217M-T-TRM	
IC301	QLV1116NV-E-P	IC LV1116NV-TLM-E	
IC400	QL88M05TL---P	IC L88M05TL-TL	
IC401	QBA09FP-----P	IC BA09FP-E2	
IC402	QTC4052BF---P	IC TC4052BF(EL)	
J111	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
J313	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
J319	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
J340	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
J609	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
J610	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
J83	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
K500	1LB4J12B06002	JACK,RCA-6	
K502	1AV4J12B07600	JACK,PHONE D3.6	
K502	1LB4J12B08000	JACK,PHONE D3.6	
K502	1LB4J12B09200	JACK,PHONE D3.6	
L199	1AV4L2GM3R3MG	INDUCTOR,3.3U M	
L201	RGER000ZTBANL	MT-GLAZE 0.000 ZA 1/8W	
L202	RGER000ZTBANL	MT-GLAZE 0.000 ZA 1/8W	
L203	RGER000ZTBANL	MT-GLAZE 0.000 ZA 1/8W	
L211	1AV4L2GM3R3MG	INDUCTOR,3.3U M	
L214	1AV4L2GM3R3MG	INDUCTOR,3.3U M	
L300	1AV4L2GM3R3MG	INDUCTOR,3.3U M	
L302	1AV4L2GM3R3MG	INDUCTOR,3.3U M	
L303	1AV4L2GM3R3MG	INDUCTOR,3.3U M	
L500	RGER000ZTBANL	MT-GLAZE 0.000 ZA 1/8W	
L501	RGER000ZTBANL	MT-GLAZE 0.000 ZA 1/8W	
PB100	1LG4B10Y0150A	PWB SUB N5AV	
PB100	1LG4B10Y01500	PWB SUB-COMP N5AV	
Q198	7T200220	TR 2SC2412K(P)-6	
Q199	7T200220	TR 2SC2412K(P)-6	
Q201	7T200220	TR 2SC2412K(P)-6	
Q202	7T200221	TR 2SA1037K(P)-4	
Q203	7T200220	TR 2SC2412K(P)-6	
Q204	7T200220	TR 2SC2412K(P)-6	
Q205	7T200220	TR 2SC2412K(P)-6	
Q300	7T200220	TR 2SC2412K(P)-6	
Q301	7T200220	TR 2SC2412K(P)-6	
Q307	7T200220	TR 2SC2412K(P)-6	
Q308	7T200220	TR 2SC2412K(P)-6	
Q600	TTPC8109----P	TR TPC8109	
Q601	7T200220	TR 2SC2412K(P)-6	
R101	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R102	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R103	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R104	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R107	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W	
R113	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R114	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R115	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R116	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R130	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R131	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R135	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R150	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W	
R151	RGF6802JTCANL	MT-GLAZE 68K JA 1/10W	
R152	RGF3302JTCANL	MT-GLAZE 33K JA 1/10W	
R153	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R154	RDD47R0JPAANN	CARBON 47 JA 1/6W	
R155	RGF6802JTCANL	MT-GLAZE 68K JA 1/10W	
R158	RGF1500JTCANL	MT-GLAZE 150 JA 1/10W	
R159	RGF1500JTCANL	MT-GLAZE 150 JA 1/10W	
R160	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R161	RGF3300JTCANL	MT-GLAZE 330 JA 1/10W	
R162	RGF3300JTCANL	MT-GLAZE 330 JA 1/10W	
R163	RGF3302JTCANL	MT-GLAZE 33K JA 1/10W	
R188	RGF3901JTCANL	MT-GLAZE 3.9K JA 1/10W	
R189	RGF8200JTCANL	MT-GLAZE 820 JA 1/10W	
R191	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R192	RGF5601JTCANL	MT-GLAZE 5.6K JA 1/10W	
R193	RGF4704JTCANL	MT-GLAZE 4.7M JA 1/10W	
R194	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W	
R196	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R197	RGF3302JTCANL	MT-GLAZE 33K JA 1/10W	
R198	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R199	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R250	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R251	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R276	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R279	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R280	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R281	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W	
R282	RGF68R0JTCANL	MT-GLAZE 68 JA 1/10W	
R301	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R303	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R307	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R309	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R310	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R311	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R312	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R318	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R319	RGF1102JTCANL	MT-GLAZE 11K JA 1/10W	
R320	RGF1102JTCANL	MT-GLAZE 11K JA 1/10W	
R321	RGF3901JTCANL	MT-GLAZE 3.9K JA 1/10W	
R322	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R324	RGF1102JTCANL	MT-GLAZE 11K JA 1/10W	
R325	RGF3901JTCANL	MT-GLAZE 3.9K JA 1/10W	
R326	RGF3901JTCANL	MT-GLAZE 3.9K JA 1/10W	
R327	RGF1102JTCANL	MT-GLAZE 11K JA 1/10W	
R328	RGF3901JTCANL	MT-GLAZE 3.9K JA 1/10W	
R329	RGF1201JTCANL	MT-GLAZE 1.2K JA 1/10W	
R330	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R335	RGF1201JTCANL	MT-GLAZE 1.2K JA 1/10W	
R336	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R349	RGF3601JTCANL	MT-GLAZE 3.6K JA 1/10W	
R350	RGF3601JTCANL	MT-GLAZE 3.6K JA 1/10W	
R351	RGF5601JTCANL	MT-GLAZE 5.6K JA 1/10W	
R352	RGF5601JTCANL	MT-GLAZE 5.6K JA 1/10W	
R353	RGF6802JTCANL	MT-GLAZE 68K JA 1/10W	
R354	RGF5601JTCANL	MT-GLAZE 5.6K JA 1/10W	
R355	RGF6802JTCANL	MT-GLAZE 68K JA 1/10W	
R360	RGF1201JTCANL	MT-GLAZE 1.2K JA 1/10W	
R361	RGF1201JTCANL	MT-GLAZE 1.2K JA 1/10W	
R362	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W	
R363	RGF5602JTCANL	MT-GLAZE 56K JA 1/10W	
R364	RGF1503JTCANL	MT-GLAZE 150K JA 1/10W	
R365	RGF5602JTCANL	MT-GLAZE 56K JA 1/10W	
R366	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R367	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R380	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W	
R381	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W	
R404	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R407	RSXLB1150JXAS	OXIDE-MT 15 JA 1W	
R407	RSXLB1150JYBS	OXIDE-MT 15JA 1W	
R407	RS115R0JGCAEN	OXIDE-MT 15 JA 1W	
R407	RS115R0JGCANN	OXIDE-MT 15 JA 1W	
R408	RG133R0JTEANL	MT-GLAZE 33 JA 1W	
R409	RGAR000ZTDANL	MT-GLAZE 0.000 ZA 1/2W	
R500	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R501	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R502	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R504	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R505	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R506	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	

Ref. No.	Part No.	Description	Safety
R507	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R508	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R509	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R510	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R511	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R514	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R515	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R516	RGF4703JTCANL	MT-GLAZE 470K JA 1/10W	
R517	RGK10R0JTFANL	MT-GLAZE 10 JA 1/3W	
R518	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R519	RGF4703JTCANL	MT-GLAZE 470K JA 1/10W	
R520	RGK10R0JTFANL	MT-GLAZE 10 JA 1/3W	
R521	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R600	RGKR000ZTFANL	MT-GLAZE 0.000 ZA 1/3W	
R602	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R604	RDD4701JPAANN	CARBON 4.7K JA 1/6W	
R604	RDXLBD472JVAN	CARBON 4.7K JA 1/6W	
R605	RGF6801JTCANL	MT-GLAZE 6.8K JA 1/10W	
X199	1AV4V11B0350N	OSC,CERAMIC 500.0KHZ	
A002	1LG0B10Y0190B	ASSY KEY+RC N5AV	
C1901	CKXAV1H102EAG	CERAMIC 1000P K 50V	
C1901	CKXLB1H102YAG	CERAMIC 1000P K 50V	
C1901	CK1H102KGQBNG	CERAMIC 1000P K 50V	
C1902	CK0J106KMBBNG	CERAMIC 10U K 6.3V	
C1903	CK0J106KMBBNG	CERAMIC 10U K 6.3V	
C1905	CKXLB1H104YDG	CERAMIC 0.1U Z 50V	
C1905	CK1E104ZGQFNG	CERAMIC 0.1U Z 25V	
D1901	DLXLBB011---N	LED BT-102YXN-31	
D1901A	1LB2SAM0001--	LED SPACER-N3EA	
D1902	DLSPR-39MVWFN	LED SPR-39MVWF	
D1902A	1LB2SAM0001--	LED SPACER-N3EA	
L1955	1AV4L26B0130G	INDUCTOR,600 OHM	
PB1900	1LG4B10Y0150B	PWB,KEY+RC N5AV	
PB1900	1LG4B10Y01500	PWB SUB-COMP N5AV	
Q1901	7T200220	TR 2SC2412K(P)-6	
Q1902	7T200220	TR 2SC2412K(P)-6	
R1901	RGF1000JTCANL	MT-GLAZE 100 JA 1/10W	
R1902	RGF2200JTCANL	MT-GLAZE 220 JA 1/10W	
R1903	RGF2200JTCANL	MT-GLAZE 220 JA 1/10W	
R1904	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1906	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R1909	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W	
R1910	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W	
R1911	RGF2700JTCANL	MT-GLAZE 270 JA 1/10W	
R1912	RGF2700JTCANL	MT-GLAZE 270 JA 1/10W	
R1919	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R1951	RGF3302FTCANL	MT-GLAZE 33K FA 1/10W	
R1951	RGG3302FTCANL	MT-GLAZE 33K FA 1/16W	
R1952	RGF1502FTCANL	MT-GLAZE 15K FA 1/10W	
R1952	RGG1502FTCANL	MT-GLAZE 15K FA 1/16W	
R1953	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W	
R1953	RGG1002FTCANL	MT-GLAZE 10K FA 1/16W	
R1954	RGF5601FTCANL	MT-GLAZE 5.6K FA 1/10W	
R1954	RGG5601FTCANL	MT-GLAZE 5.6K FA 1/16W	
R1955	RGF4701FTCANL	MT-GLAZE 4.7K FA 1/10W	
R1955	RGG4701FTCANL	MT-GLAZE 4.7K FA 1/16W	
R1956	RGF4701FTCANL	MT-GLAZE 4.7K FA 1/10W	
R1956	RGG4701FTCANL	MT-GLAZE 4.7K FA 1/16W	
R1957	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W	
R1957	RGG1002FTCANL	MT-GLAZE 10K FA 1/16W	
SC1901	1AV4Z30B0220G	SURGE-ABSORBER	
SC1902	1AV4Z30B0220G	SURGE-ABSORBER	
SC1903	1AV4Z30B0220G	SURGE-ABSORBER	
SC1956	1AV4Z30B0220G	SURGE-ABSORBER	
SW1950	1AV4S10B0900J	SWITCH,PUSH 1P-1T	
SW1950	1LB4S10B0200J	SWITCH,PUSH 1P-1TX1	
SW1951	1AV4S10B0900J	SWITCH,PUSH 1P-1T	
SW1951	1LB4S10B0200J	SWITCH,PUSH 1P-1TX1	
SW1952	1AV4S10B0900J	SWITCH,PUSH 1P-1T	
SW1952	1LB4S10B0200J	SWITCH,PUSH 1P-1TX1	
SW1953	1AV4S10B0900J	SWITCH,PUSH 1P-1T	
SW1953	1LB4S10B0200J	SWITCH,PUSH 1P-1TX1	
SW1954	1AV4S10B0900J	SWITCH,PUSH 1P-1T	
SW1954	1LB4S10B0200J	SWITCH,PUSH 1P-1TX1	
SW1955	1AV4S10B0900J	SWITCH,PUSH 1P-1T	
SW1955	1LB4S10B0200J	SWITCH,PUSH 1P-1TX1	
SW1956	1AV4S10B0900J	SWITCH,PUSH 1P-1T	
SW1956	1LB4S10B0200J	SWITCH,PUSH 1P-1TX1	
U1901	1AV4U20C11701	UNIT,REMOCON RECEIVER	
A3000	1LG0B10Y02000	ASSY POWER-COMP N5AV	
A600	1LG0B10Y0200A	ASSY POWER N5AV	
C6001	CK3A102KANHNN	CERAMIC 1000P K 1K	
C6001	CK3A102KCRDNN	CERAMIC 1000P K 1K	
C6001	CK3A102KCTBNN	CERAMIC 1000P K 1K	
C6002	CE1E222M5DANN	ELECT 2200U M 25V	
C6003	CEXLB1C102VDN	ELECT 1000U M 16V	
C6004	CEXLB1A471VDN	ELECT 470U M 10V	
C6005	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C6005	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C6006	CEXLB1H4R7VEN	ELECT 4.7U M 50V	
C6007	CK1H104KLZBNG	CERAMIC 0.1U K 50V	
C601	CMXLB27224XAN	MT-POLYPRO 0.22U M 275V	⚠
C6010	CK3A102KANHNN	CERAMIC 1000P K 1K	
C6010	CK3A102KCRDNN	CERAMIC 1000P K 1K	
C6010	CK3A102KCTBNN	CERAMIC 1000P K 1K	
C6011	CK3A102KANHNN	CERAMIC 1000P K 1K	
C6011	CK3A102KCRDNN	CERAMIC 1000P K 1K	
C6011	CK3A102KCTBNN	CERAMIC 1000P K 1K	
C6012	CEXLB1E222VDN	ELECT 2200U M 25V	
C6014	CEXLB1C102VDN	ELECT 1000U M 16V	
C6015	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C6015	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C6016	CK3A102KANHNN	CERAMIC 1000P K 1K	
C6016	CK3A102KCRDNN	CERAMIC 1000P K 1K	
C6016	CK3A102KCTBNN	CERAMIC 1000P K 1K	
C6017	CK3A102KANHNN	CERAMIC 1000P K 1K	
C6017	CK3A102KCRDNN	CERAMIC 1000P K 1K	
C6017	CK3A102KCTBNN	CERAMIC 1000P K 1K	
C6018	CEXLB1V102VDN	ELECT 1000U M 35V	
C6019	CEXLB1V102VDN	ELECT 1000U M 35V	
C602	CKXAA2E471AHN	CERAMIC 470P K 250V	⚠
C602	CKXLB2G471ZHN	CERAMIC 470P K 400V	⚠
C6020	CEXLB1V222WAN	ELECT 2200U M 35V	
C6021	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C6021	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C6024	CKXAV1C224EAG	CERAMIC 0.22U K 16V	
C6024	CK1C224KGQBNG	CERAMIC 0.22U K 16V	
C6024	CK1C224KLZBNG	CERAMIC 0.22U K 16V	
C6026	CKXLB1C105YAG	CERAMIC 1U K 16V	
C6027	CKXLB1C105YAG	CERAMIC 1U K 16V	
C6028	CKXLB1C105YAG	CERAMIC 1U K 16V	
C6029	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C6029	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C603	CKXAA2E471AHN	CERAMIC 470P K 250V	⚠
C603	CKXLB2G471ZHN	CERAMIC 470P K 400V	⚠
C6030	CK1H104KLZBNG	CERAMIC 0.1U K 50V	
C6031	CK1H104KLZBNG	CERAMIC 0.1U K 50V	
C6032	CEXLB1H220VEN	ELECT 22U M 50V	
C6033	CG2W104KFDAAN	MT-POLYEST 0.1U K 450V	
C605	CMXLB27224XAN	MT-POLYPRO 0.22U M 275V	⚠
C609	CKXAA2E101AHN	CERAMIC 100P K 250V	⚠
C610	CKXAA2E101AHN	CERAMIC 100P K 250V	⚠
C611	CKXAV1H103EAG	CERAMIC 0.01U K 50V	
C611	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C612	CK1H474ZGBFNG	CERAMIC 0.47U Z 50V	
C613	CKXLB1H472YAG	CERAMIC 4700P K 50V	
C614	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C614	CKXLB1H104YAG	CERAMIC 0.1U K 50V	

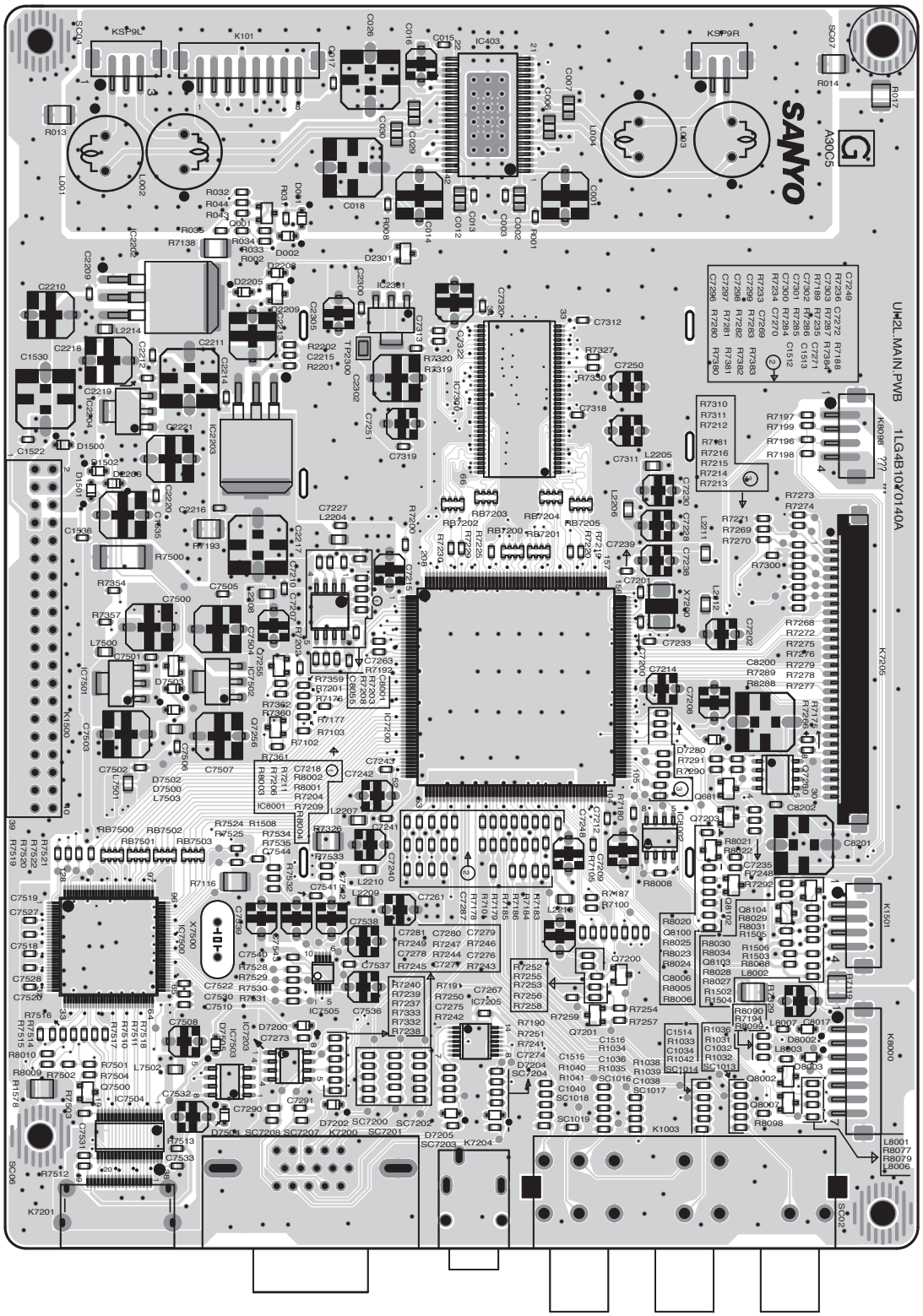
Ref. No.	Part No.	Description	Safety
C615	CEXLB1V470VEN	ELECT 47U M 35V	
C616	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C616	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C617	CEXLB1E470VEN	ELECT 47U M 25V	
C618	CG2G105JAPANN	MT-POLYEST 1U J 400V	
C618	CG2G105KFBACN	MT-POLYEST 1U K 400V	
C619	CKXLB3D222ZBN	CERAMIC 2200P K 2K	
C619	CK3D222KANHNN	CERAMIC 2200P K 2K	
C620	CK1H474ZGBFNG	CERAMIC 0.47U Z 50V	
C621	CK1H103KLZBNG	CERAMIC 0.01U K 50V	
C622	CK1H103KLZBNG	CERAMIC 0.01U K 50V	
C623	CK1C225ZGAFNG	CERAMIC 2.2U Z 16V	
C624	CKXAV1H104EAG	CERAMIC0.1U K 50V	
C624	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C625	CG2W104KFDAAN	MT-POLYEST 0.1U K 450V	
C626	CG2W104KFDAAN	MT-POLYEST 0.1U K 450V	
C628	CKXAV1H224EAG	CERAMIC 0.22U K 50V	
C628	CKXLB1H224YAG	CERAMIC 0.22U K 50V	
C629	CKXLB1H224YAG	CERAMIC 0.22U K 50V	
C630	CKXLB1H471YAG	CERAMIC 470P K 50V	
C631	CKXLB1H152YAG	CERAMIC 1500P K 50V	
C632	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C633	CKXLB1H102YAG	CERAMIC 1000P K 50V	
C634	CKXLB1H102YAG	CERAMIC 1000P K 50V	
C635	CKXLB3D471YHN	CERAMIC 470P K 2K	
C635	CKXLB3D471ZBN	CERAMIC 470P K 2K	
C635	CK3D471KANHNN	CERAMIC 470P K 2K	
C635	CK3D471KCTBNN	CERAMIC 470P K 2K	
C636	CMXAV2K473ACM	MT-POLYPRO 0.047U H 800V	
C636	CMXLB2K473YCN	MT-POLYPRO 0.047U J 800V	
C637	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C638	CEXLB1E470VEN	ELECT 47U M 25V	
C639	CFXLB2A104YAN	POLYESTER 0.1U J 100V	
C639	CH2A104JAHANN	MT-COMPO 0.1U J 100V	
C640	CEXLB1V470VEN	ELECT 47U M 35V	
C641	CKXLB1H104YAG	CERAMIC 0.1U K 50V	
C643	CCXAV1H101ABG	CERAMIC0.0001U J 50.0V	
C643	CCXLB1H101ZBG	CERAMIC 100P J 50V	
C643	CC1H101JGQCNG	CERAMIC 100P J 50V	
C647	CEXAV2W151CJN	ELECT 150U M 450V	
C647	CEXLB2W151UFN	ELECT 150U M 450V	
C648	CG2G104KAPANN	MT-POLYEST 0.1U K 400V	
C649	CKXLB1H103YAG	CERAMIC 0.01U K 50V	
C652	CKXAA2E102AHN	CERAMIC 1000P K 250V	⚠
C652	CKXLB2G102ZJN	CERAMIC 1000P M 400V	⚠
C653	CKXAA2E471AHN	CERAMIC 470P K 250V	⚠
C653	CKXLB2G471ZHN	CERAMIC 470P K 400V	⚠
C655	CKXLB3D471YHN	CERAMIC 470P K 2K	
C655	CKXLB3D471ZBN	CERAMIC 470P K 2K	
C655	CK3D471KANHNN	CERAMIC 470P K 2K	
C655	CK3D471KCRDNN	CERAMIC 470P K 2K	
C655	CK3D471KCTBNN	CERAMIC 470P K 2K	
D601	DDFMD-G26S--N	DIODE FMD-G26S	
D601B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
D602	DDXLBB048---N	DIODE RL255	
D603	DDXLBB064---N	DIODE D10SB60	
D603B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
D604	DDXLBB041---N	DIODE EU1	
D605	DZXLBZA16A--N	ZENER DIODE MTZJ16A	
D606	DDXLBB041---N	DIODE EU1	
D607	DDXLBB035---N	DIODE EG01C	
D608	DDXLBB042---G	DIODE LL4148	
D610	DDXLBB042---G	DIODE LL4148	
D611	DDXLBB042---G	DIODE LL4148	
D612	DDXLBB042---G	DIODE LL4148	
D613	DDXLBB042---G	DIODE LL4148	
D615	DDXLBB042---G	DIODE LL4148	

Ref. No.	Part No.	Description	Safety
D616	DDXLBB042---G	DIODE LL4148	
D618	DDXLBB042---G	DIODE LL4148	
D620	DDXLBB042---G	DIODE LL4148	
D621	DDXLBB042---G	DIODE LL4148	
D622	DDXLBB042---G	DIODE LL4148	
D623	DDXLBB042---G	DIODE LL4148	
D624	DDXLBB041---N	DIODE EU1	
D625	DDXLBB042---G	DIODE LL4148	
D626	DDXLBB042---G	DIODE LL4148	
D638	DZXLBZA16A--N	ZENER DIODE MTZJ16A	
D650	DCPC123X5YFZN	PHOTO COUPLE PC123X5YFZ0F	⚠
D650	DCPC123Y52--N	PHOTO COUPLE PC123Y52J00F	⚠
D651	DCPC123X5YFZN	PHOTO COUPLE PC123X5YFZ0F	⚠
D651	DCPC123Y52--N	PHOTO COUPLE PC123Y52J00F	⚠
D652	DCPC123X5YFZN	PHOTO COUPLE PC123X5YFZ0F	⚠
D652	DCPC123Y52--N	PHOTO COUPLE PC123Y52J00F	⚠
D661	DDRB215T-90-N	DIODE RB215T-90	
D661B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
D663	DDRB085T-60-N	DIODE RB085T-60	
D663B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
D665	DDYG862C10MYN	DIODE YG862C10R-MY	
D665B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
F601	FFXLBB003VC-N	FUSE 250V 5A	
IC601	QVIPER53EDIPN	IC VIPER53DIP-E	
IC601B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
IC602	QL6563TR----P	IC L6563TR	⚠
IC603	QL6599DTR---P	IC L6599DTR	
IC604	QUPC1093J---N	IC UPC1093J	
IC608	QXXAVC950---P	IC LM393D	
IC610	QUPC1093J---N	IC UPC1093J	
JP607	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
JP608	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
JP611	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
JP612	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
L601	1LB4L26B0970N	INDUCTOR,200UH	
L602	1LB4F35B0250N	LINE FILTER	
L606	1LB4L26B0980N	INDUCTOR,0.8UH	
L607	1LB4L26B0980N	INDUCTOR,0.8UH	
L608	1LB4L26B0960N	INDUCTOR,3.0UH	⚠
PB600	1LG4B10Y0170A	PWB,POWER N5AV	
PB600	1LG4B10Y01700	PWB,POWER N5AV+KEY(N5CV)	
Q601	TSTP20NM50FPN	TR STP20NM50FP-SA1	
Q601B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
Q602	T2SK3505-FMYN	TR 2SK3505-01MR-MY	
Q602B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
Q603	T2SK3505-FMYN	TR 2SK3505-01MR-MY	
Q603B	ZAV6120KE24--	G-FLOIL GREASE*SY-600	
Q606	T2SC3332-S--C	TR 2SC3332-S-AA	
Q607	7T200220	TR 2SC2412K(P)-6	
Q608	7T200220	TR 2SC2412K(P)-6	
Q609	7T200221	TR 2SA1037K(P)-4	
Q610	7T200221	TR 2SA1037K(P)-4	
Q611	7T200220	TR 2SC2412K(P)-6	
Q612	T2SA984-F---N	TR 2SA984-F	
Q613	7T200220	TR 2SC2412K(P)-6	
R6000	RGF4700FTCANL	MT-GLAZE 470 FA 1/10W	
R6001	RGF4701FTCANL	MT-GLAZE 4.7K FA 1/10W	
R6002	RGF47R0JTCANL	MT-GLAZE 47 JA 1/10W	
R6003	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W	
R6005	RGF5600FTCANL	MT-GLAZE 560 FA 1/10W	
R6006	RGF68R0JTCANL	MT-GLAZE 68 JA 1/10W	
R6007	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R6008	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W	

Ref. No.	Part No.	Description	Safety
R6009	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W	
R6012	RG13301JTEANL	MT-GLAZE 3.3K JA 1W	
R6013	RGA1501JTDANL	MT-GLAZE 1.5K JA 1/2W	
R6015	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W	
R6017	RGA1001JTDANL	MT-GLAZE 1K JA 1/2W	
R6018	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6019	RGF2201JTCANL	MT-GLAZE 2.2K JA 1/10W	
R602	RGA4703FTDANL	MT-GLAZE 470K FA 1/2W	
R602	RGA4703JTDANL	MT-GLAZE 470K JA 1/2W	
R6020	RGF8201FTCANL	MT-GLAZE 8.2K FA 1/10W	
R6021	RGF1501FTCANL	MT-GLAZE 1.5K FA 1/10W	
R6022	RGF1002FTCANL	MT-GLAZE 10K FA 1/10W	
R6023	RGF4700JTCANL	MT-GLAZE 470 JA 1/10W	
R6024	RGF2702JTCANL	MT-GLAZE 27K JA 1/10W	
R6025	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R6026	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R6027	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6028	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6029	RGF5603JTCANL	MT-GLAZE 560K JA 1/10W	
R603	DHXAVB019---N	THERMISTOR NTPAD5R1LDNB0	⚠
R6030	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R6031	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R6032	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6033	RGF1802JTCANL	MT-GLAZE 18K JA 1/10W	
R6034	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R6035	RGF3301JTCANL	MT-GLAZE 3.3K JA 1/10W	
R6036	RGF1003JTCANL	MT-GLAZE 100K JA 1/10W	
R6037	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R6038	RGF5601JTCANL	MT-GLAZE 5.6K JA 1/10W	
R6039	RGF4701JTCANL	MT-GLAZE 4.7K JA 1/10W	
R604	RGB5603JTBANL	MT-GLAZE 560K JA 1/4W	
R6040	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W	
R6041	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6042	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6043	RGF2202JTCANL	MT-GLAZE 22K JA 1/10W	
R6044	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R6045	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6046	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6047	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6048	RGB1002JTBANL	MT-GLAZE 10K JA 1/4W	
R6049	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R605	RGB4703JTBANL	MT-GLAZE 470K JA 1/4W	
R6050	RGB1002JTBANL	MT-GLAZE 10K JA 1/4W	
R6059	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R606	RGB3903JTBANL	MT-GLAZE 390K JA 1/4W	
R6060	RGF2702JTCANL	MT-GLAZE 27K JA 1/10W	
R607	RGB2201JTBANL	MT-GLAZE 2.2K JA 1/4W	
R608	RGA2R20JTDANL	MT-GLAZE 2.2 JA 1/2W	
R609	RGK1000JTFANL	MT-GLAZE 100 JA 1/3W	
R610	RDXLBB330JVAN	CARBON 33 JA 1/4W	
R610	RDXLBB330JXAN	CARBON 33JA 1 /4W	
R611	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R6111	RGB2200JTBANL	MT-GLAZE 220 JA 1/4W	
R612	RGF4701FTCANL	MT-GLAZE 4.7K FA 1/10W	
R614	RGF3301JTCANL	MT-GLAZE 3.3K JA 1/10W	
R615	RGF8201FTCANL	MT-GLAZE 8.2K FA 1/10W	
R616	RGF1001FTCANL	MT-GLAZE 1K FA 1/10W	
R617	RGF3903JTCANL	MT-GLAZE 390K JA 1/10W	
R618	RGB1002JTBANL	MT-GLAZE 10K JA 1/4W	
R619	RGF8201FTCANL	MT-GLAZE 8.2K FA 1/10W	
R620	RGF1801FTCANL	MT-GLAZE 1.8K FA 1/10W	
R621	RGB7503JTBANL	MT-GLAZE 750K JA 1/4W	
R622	RGB7503JTBANL	MT-GLAZE 750K JA 1/4W	
R623	RSXLB2563JXAS	OXIDE-MT 56K JA 2W	
R623	RSXLB2563JYAS	OXIDE-MT 56KJA 2W	
R623	RSXLB2563JYBS	OXIDE-MT 56KJA 2W	
R623	RS25602JGDAGN	MT-GLAZE 56K JA 2W	
R623	RS25602JGDANN	OXIDE-MT 56K JA 2W	
R624	RGB7503JTBANL	MT-GLAZE 750K JA 1/4W	
R625	RGB7503JTBANL	MT-GLAZE 750K JA 1/4W	
R626	RGB3903JTBANL	MT-GLAZE 390K JA 1/4W	
R627	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R629	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R630	RGFR000ZTCANL	MT-GLAZE 0.000 ZA 1/10W	
R631	RGB10R0JTBANL	MT-GLAZE 10 JA 1/4W	
R632	RGB10R0JTBANL	MT-GLAZE 10 JA 1/4W	
R633	RSXLB2R33JXAS	OXIDE-MT 0.33 JA 2W	
R633	RSXLB2R33JYBS	OXIDE-MT 0.33JA 2W	
R633	RS2R330JGDAGN	OXIDE-MT 0.33 JA 2W	
R633	RS2R330JGDANN	OXIDE-MT 0.33 JA 2W	
R634	RSXLB2R33JXAS	OXIDE-MT 0.33 JA 2W	
R634	RSXLB2R33JYBS	OXIDE-MT 0.33JA 2W	
R634	RS2R330JGDAGN	OXIDE-MT 0.33 JA 2W	
R634	RS2R330JGDANN	OXIDE-MT 0.33 JA 2W	
R635	RGB1001JTBANL	MT-GLAZE 1K JA 1/4W	
R636	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R637	RG11202JTEANL	MT-GLAZE 12K JA 1W	
R642	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R643	RGF1502JTCANL	MT-GLAZE 15K JA 1/10W	
R644	RGF3303JTCANL	MT-GLAZE 330K JA 1/10W	
R645	RGF2001JTCANL	MT-GLAZE 2K JA 1/10W	
R646	RGF4701FTCANL	MT-GLAZE 4.7K FA 1/10W	
R647	RGF1002JTCANL	MT-GLAZE 10K JA 1/10W	
R648	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R649	RGB10R0JTBANL	MT-GLAZE 10 JA 1/4W	
R650	RGB10R0JTBANL	MT-GLAZE 10 JA 1/4W	
R651	RGF4702JTCANL	MT-GLAZE 47K JA 1/10W	
R652	RGB10R0JTBANL	MT-GLAZE 10 JA 1/4W	
R653	RGF2700JTCANL	MT-GLAZE 270 JA 1/10W	
R654	RSXAV1R68JDAK	OXIDE-MT 0.68JB 1W	
R655	RGB10R0JTBANL	MT-GLAZE 10 JA 1/4W	
R656	RGF1200JTCANL	MT-GLAZE 120 JA 1/10W	
R658	RCA1005KPCANN	SOLID 10M KA 1/2W	⚠
R658	RCXLBA106KZAN	SOLID 10M KA 1/2W	⚠
R659	RCA1005KPCANN	SOLID 10M KA 1/2W	⚠
R659	RCXLBA106KZAN	SOLID 10M KA 1/2W	⚠
R667	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
R680	RGB1002JTBANL	MT-GLAZE 10K JA 1/4W	
R6898	RGF2201FTCANL	MT-GLAZE 2.2K FA 1/10W	
R694	RGF1001JTCANL	MT-GLAZE 1K JA 1/10W	
T601	1LB4L51B1210N	TRANS,POWER,PULSE	⚠
T602	1LB4L51B1200N	TRANS,POWER,PULSE	⚠
VA601	DVENE621D14AN	VARISTOR ENE621D-14A	⚠
VA601	DVS14K385E2-N	VARISTOR	⚠
ZD1	DZUDZS27B---G	ZENER DIODE UDZS27B-TE-17	
ZD2	DZUDZS13B---G	ZENER DIODE UDZS13B-TE-17	
ZD3	DZUDZS18B---G	ZENER DIODE UDZS18B-TE-17	
ZD5	DZXLBZA36A--N	ZENER DIODE MTZJ36A	
ZD6	DZUDZS16B---G	ZENER DIODE UDZS16B-TE-17	
PB601	1LG4B10Y0170B	PWB,KEY N5CV	
PB601	1LG4B10Y01700	PWB,POWER N5AV+KEY(N5CV)	

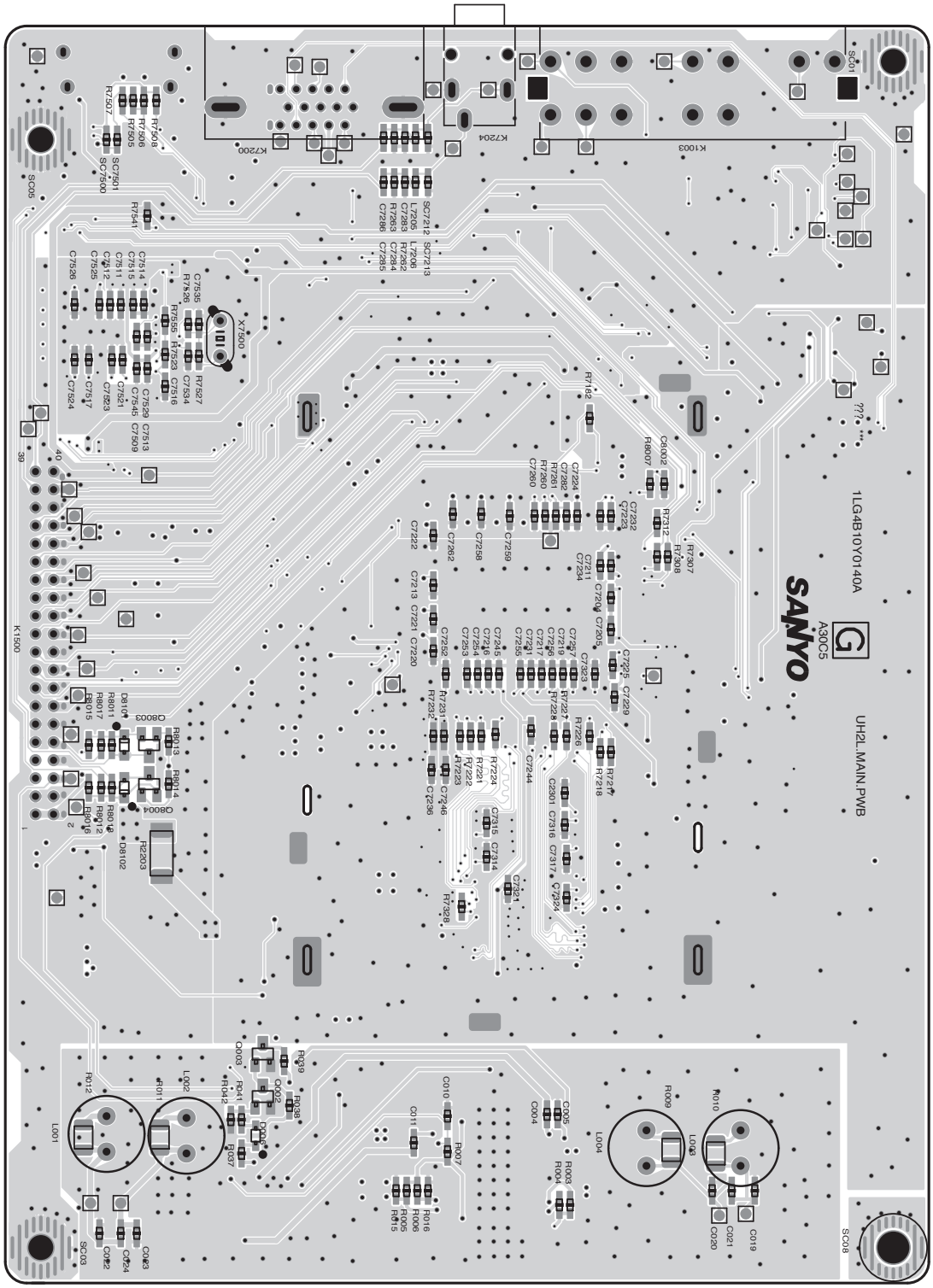
Printed Wiring Board

MAIN BOARD (Parts Side)



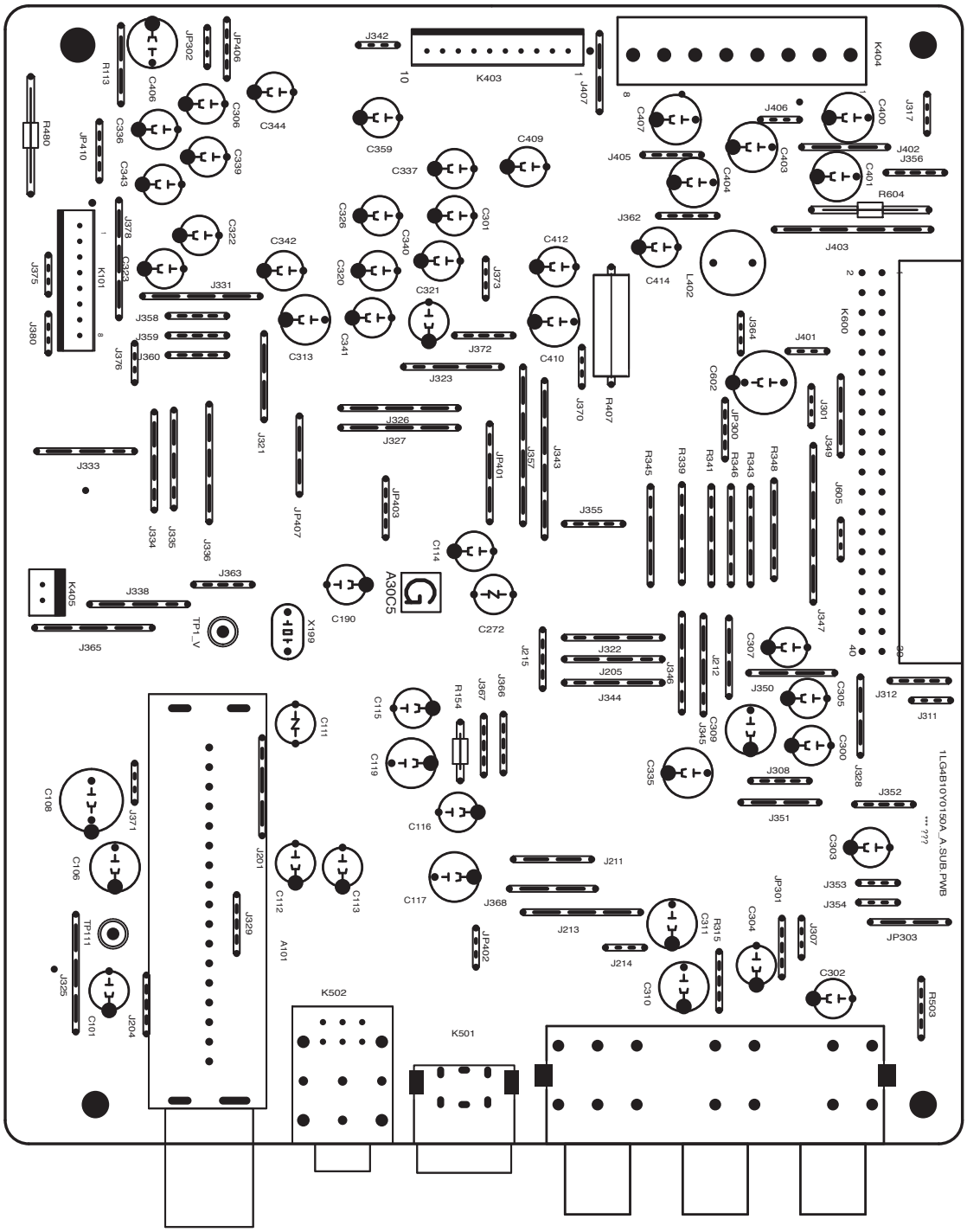
Printed Wiring Board

MAIN BOARD (Solder Side)



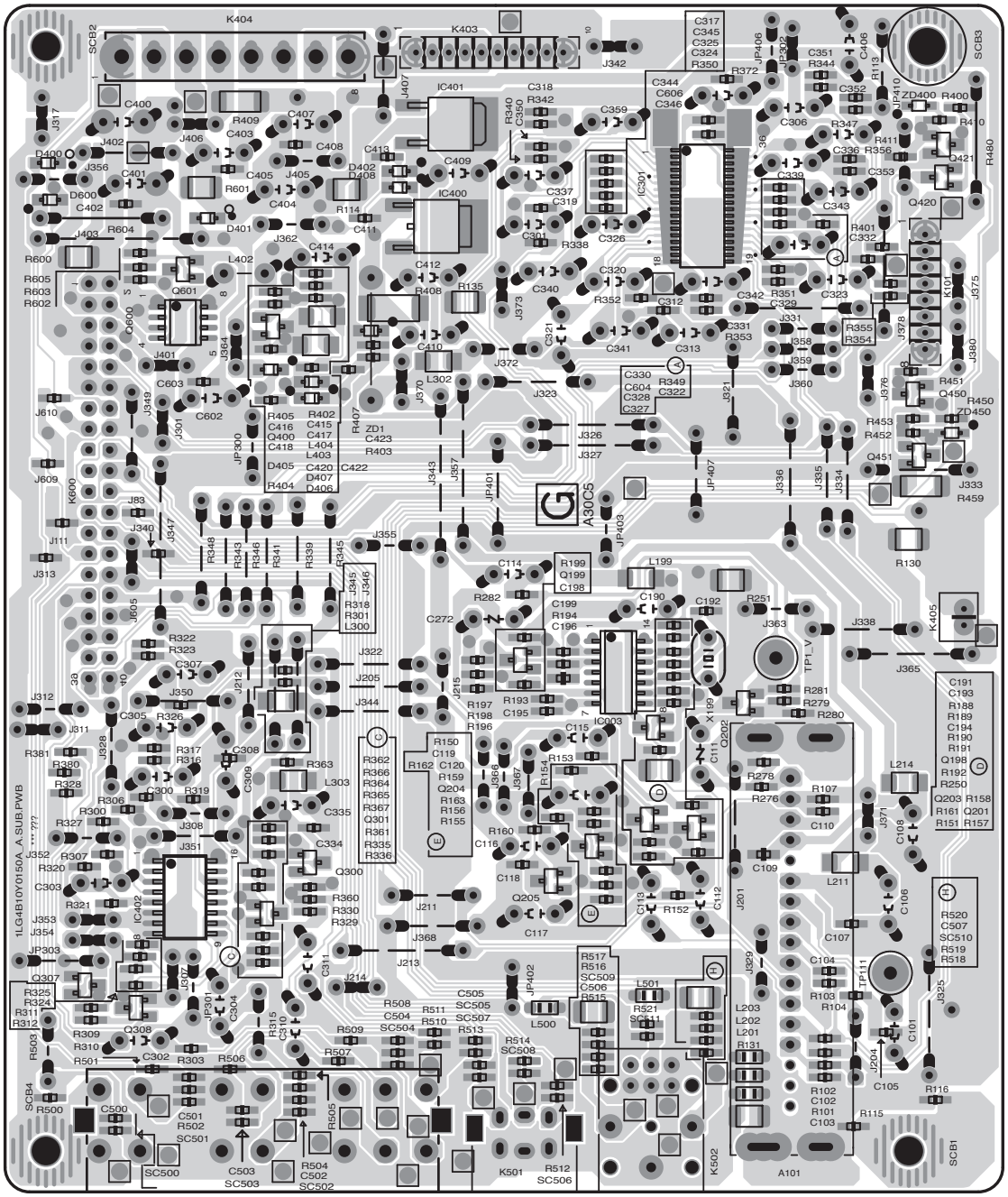
Printed Wiring Board

SUB BOARD (Parts Side)



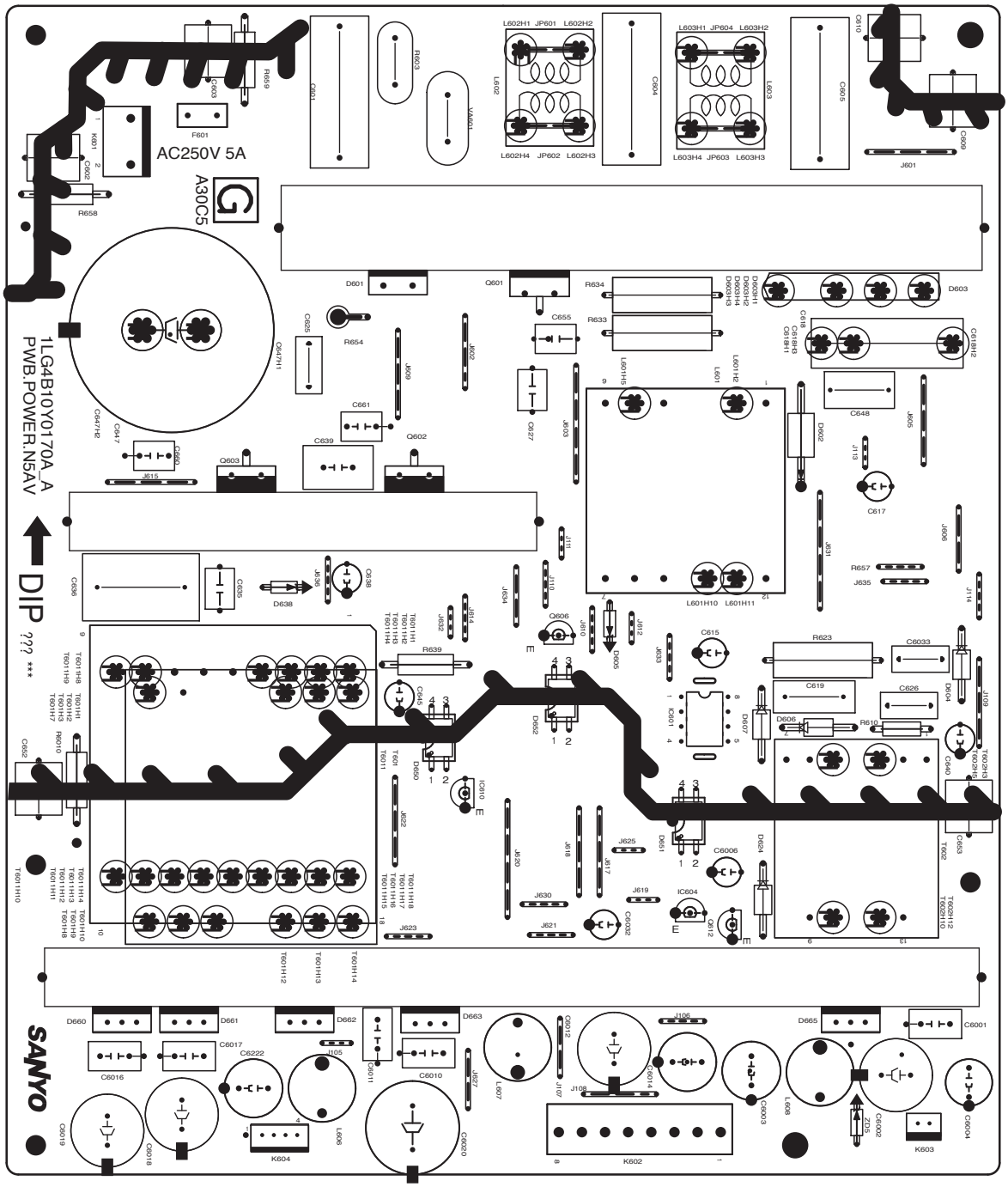
Printed Wiring Board

SUB BOARD (Solder Side)



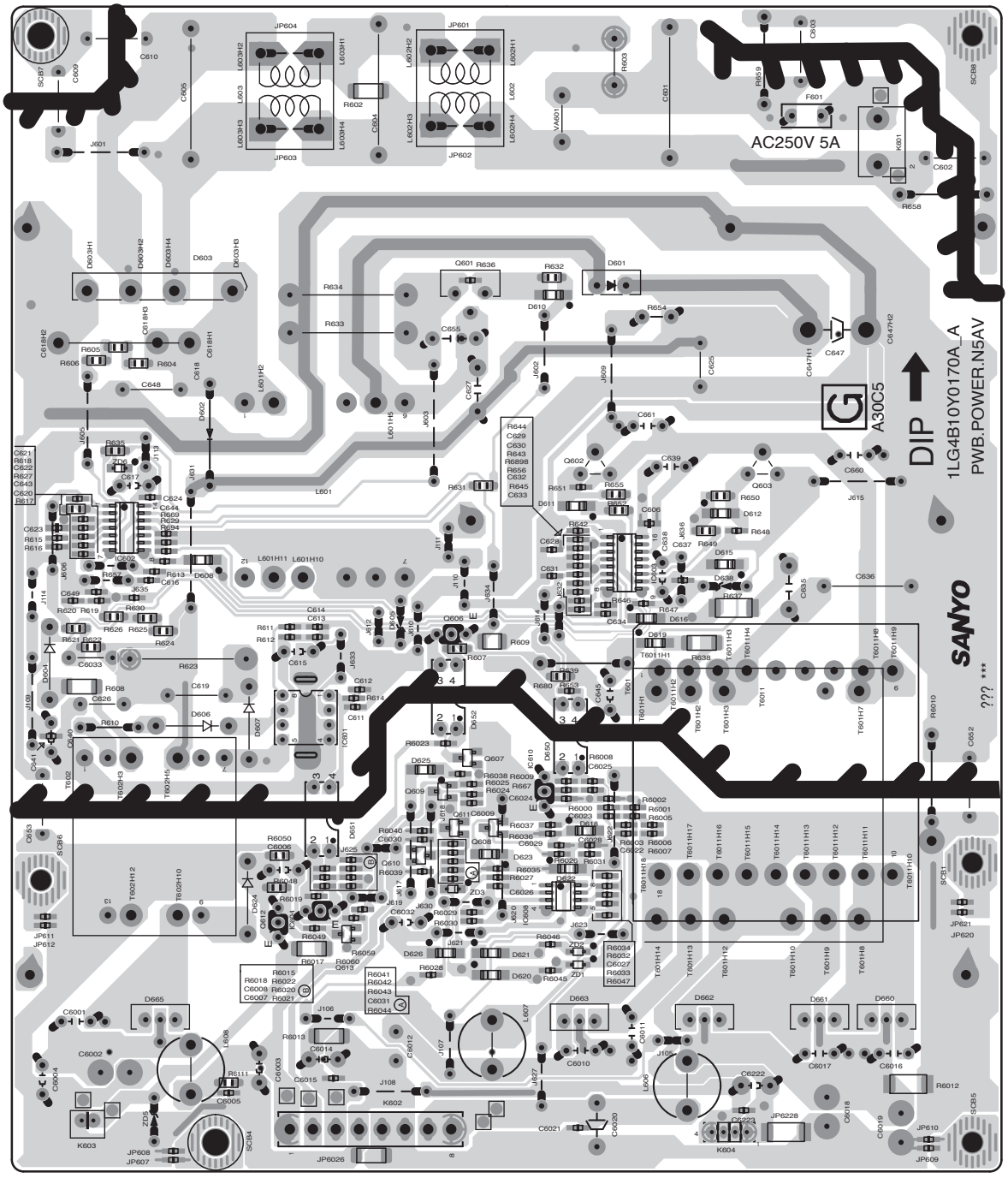
Printed Wiring Board

POWER BOARD (Parts Side)



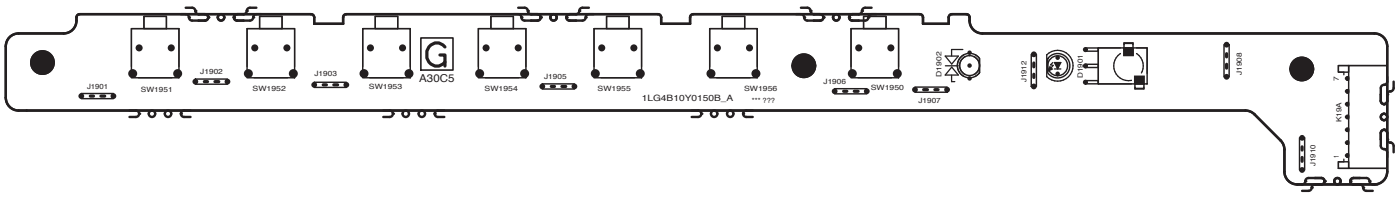
Printed Wiring Board

POWER BOARD (Solder Side)

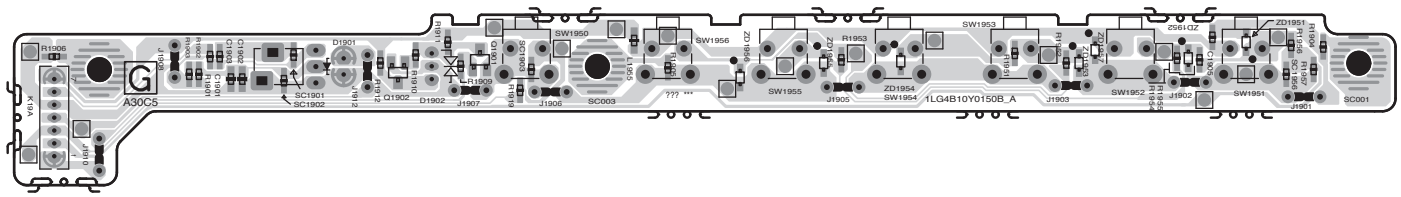


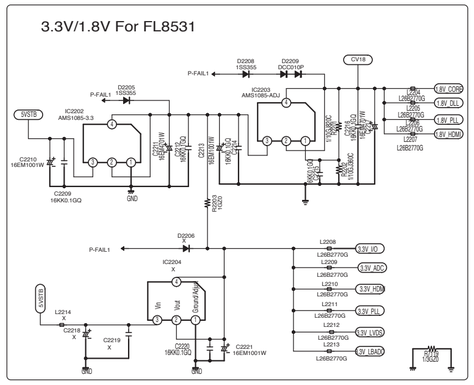
Printed Wiring Board

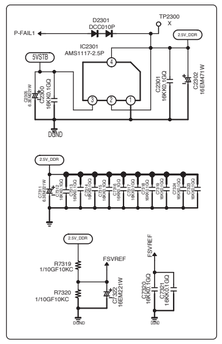
KEY BOARD (Parts Side)



KEY BOARD (Solder Side)




3.3V/1.8V For FL8531
P-FAIL1
D2205 1SS355
D2208 1SS355
D2209 DCG01P8
CV18
IC2202 AMS1085-3.3
IC2203 AMS1085-ADJ
SVSTB
C2210 16EM1001W
C2209 16KKD.1GQ
C213 1KKD.1GQ
C2211 16EM1001W
C2212 1KKD.1GQ
C2213 1KKD.1GQ
C2214 1KKD.1GQ
C2215 1KKD.1GQ
L2204 L2682770G
L2205 L2682770G
L2206 L2682770G
L2207 L2682770G
1.8V CORE
1.8V DLL
1.8V PLL
1.8V HDMI
D2206
IC2204
Vin
Vout
Ground/Adj
L2214 X
C2218 X
C2219 X
C2220 1KKD.1GQ
C2221 16EM1001W
L2208 L2682770G
L2209 L2682770G
L2210 L2682770G
L2211 L2682770G
L2212 L2682770G
L2213 L2682770G
3.3V I/O
3.3V ADC
3.3V HDMI
3.3V PLL
3.3V LVDS
3.3V LBAD
R2201 1/10GJ000
GND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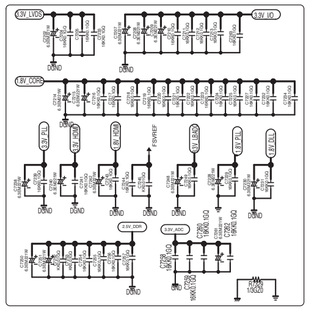
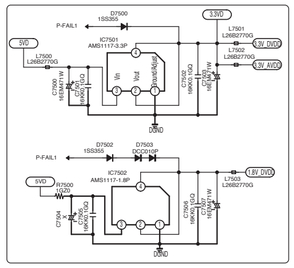
IC2301 AMS1117-2.5P
5VSTB
C2301 16EM1001W
C2302 1KKD.1GQ
C2303 1KKD.1GQ
C2304 1KKD.1GQ
C2305 1KKD.1GQ
2.5V_DDR
R7315 1/10GF10KC
R7320 1/10GF10KC
FSVREF
C7305 16EM1001W
C7306 1KKD.1GQ
C7307 1KKD.1GQ
GND


3.3V LVDS
3.3V I/O
1.8V DDR
1.8V PLL
1.8V LVDS
2.5V_DDR
1.8V ADC
GND

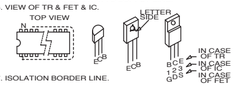

3.3VD
5VD
D7500 1SS355
IC7501 AMS1117-3.3P
L7500 L2682770G
L7501 L2682770G
L7502 L2682770G
3.3V DVDI
3.3V AVDI
D7502 1SS355
D7503 DCG01P8
IC7502 AMS1117-1.8P
L7503 L2682770G
1.8V DVDI
R7500 1/10J
R7501 1/10J
C7504 16KKD.1GQ
C7505 16KKD.1GQ
C7506 16KKD.1GQ
C7507 16KKD.1GQ
C7508 16KKD.1GQ
C7509 16KKD.1GQ
C7510 16KKD.1GQ
C7511 16KKD.1GQ
C7512 16KKD.1GQ
C7513 16KKD.1GQ
C7514 16KKD.1GQ
C7515 16KKD.1GQ
C7516 16KKD.1GQ
C7517 16KKD.1GQ
C7518 16KKD.1GQ
C7519 16KKD.1GQ
C7520 16KKD.1GQ
C7521 16KKD.1GQ
C7522 16KKD.1GQ
C7523 16KKD.1GQ

TUNER

S TERMINATE

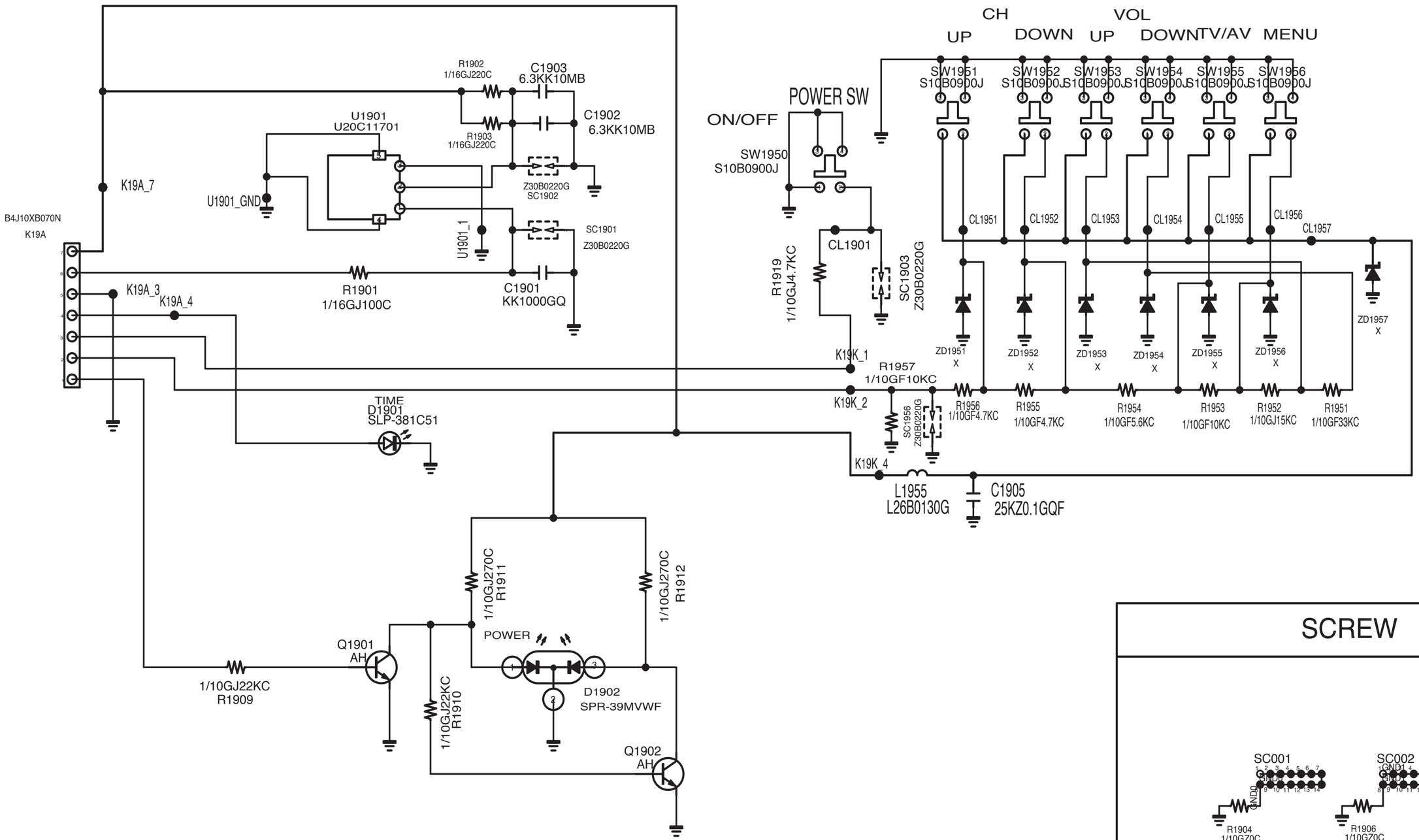
HEADPHONE

NOTES;
1. RESISTORS SPECIFIED WITH RESISTANCE VALUE ARE "1/6DJ".
2. RESISTORS SPECIFIED WITH TYPE OF RESISTOR, TOLERANCE AND RESISTANCE VALUE ARE "1/4".
3. ALL CAPACITORS ARE 50WV RATING UNLESS OTHERWISE NOTED.
4. PARTS MARKED WITH ⚠ ARE RELATED WITH X-RADIATION.
5. THICK LINES ARE 15WATTS SUPPLY LINE.
6. VIEW OF TR & FET & IC.

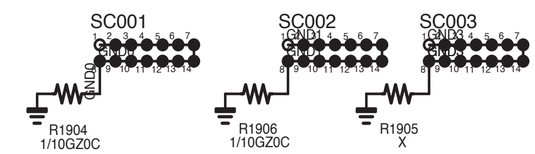


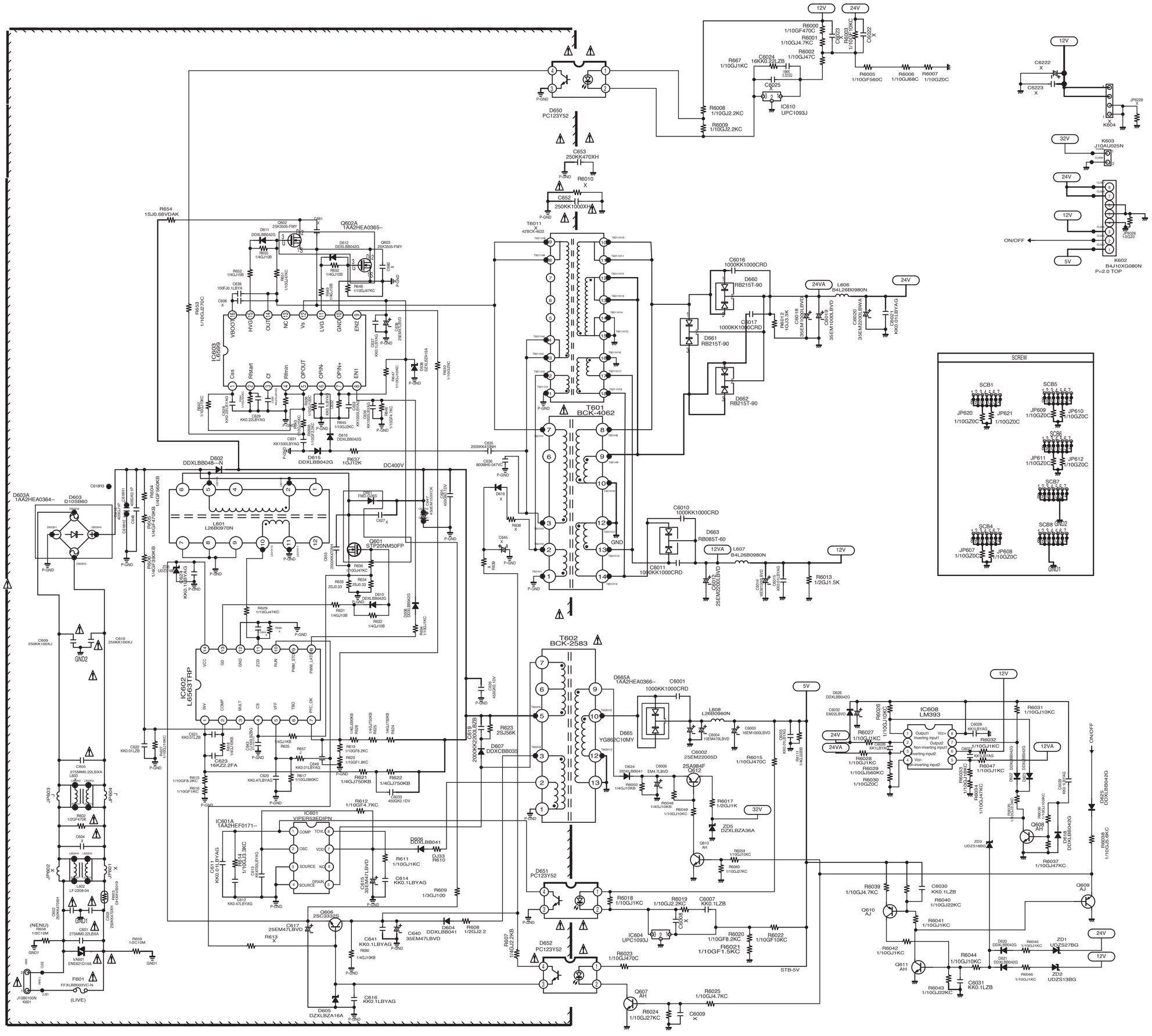
7. ISOLATION BORDER LINE.

COLD SIDE HOT SIDE


CH
UP
DOWN
VOL
UP
DOWN
TV/AV
MENU
SW1951 S10B0900J
SW1952 S10B0900J
SW1953 S10B0900J
SW1954 S10B0900J
SW1955 S10B0900J
SW1956 S10B0900J
POWER SW
ON/OFF
SW1950 S10B0900J
R1902 1/16GJ220C
C1903 6.3KK10MB
C1902 6.3KK10MB
R1903 1/16GJ220C
U1901 U20C11701
Z30B0220G SC1902
SC1901 Z30B0220G
U1901_GND
U1901_1
K19A_7
B4J10XB070N
K19A
K19A_3
K19A_4
R1901 1/16GJ100C
C1901 KK1000GQ
CL1901
R1919 1/10GJ4.7KC
SC1903 Z30B0220G
CL1951
CL1952
CL1953
CL1954
CL1955
CL1956
CL1957
ZD1951 X
ZD1952 X
ZD1953 X
ZD1954 X
ZD1955 X
ZD1956 X
ZD1957 X
K19K_1
K19K_2
R1957 1/10GF10KC
R1956 1/10GF4.7KC
R1955 1/10GF4.7KC
R1954 1/10GF5.6KC
R1953 1/10GF10KC
R1952 1/10GJ15KC
R1951 1/10GF33KC
SC1956 Z30B0220G
K19K_4
L1955 L26B0130G
C1905 25KZ0.1GQF
TIME
D1901 SLP-381C51
1/10GJ270C R1911
1/10GJ270C R1912
POWER
Q1901 AH
1/10GJ22KC R1909
1/10GJ22KC R1910
D1902 SPR-39MVWF
Q1902 AH

SCREW


SC001
SC002
SC003
GND1
GND2
GND3
R1904 1/10GZ0C
R1906 1/10GZ0C
R1905 X


12V
24V
R6000 1/10GF470C
R6001 1/10GJ4.7KC
R6002 1/10GJ47C
R6005 1/10GF560C
R6006 1/10GJ68C
R6007 1/10GZ0C
C6024 16KK0.22LZB
R667 1/10GJ1KC
C6025
IC610 UPC1093J
R6008 1/10GJ2.2KC
R6009 1/10GJ2.2KC
C6222
C6223
JP6228
K604
32V
K603 J10AU025N
24V
12V
ON/OFF
5V
K602 B4J10XG080N P=2.0 TOP
D650 PC123Y52
C653 250KK470XH
R6010
C652 250KK1000XH
R654 1SJ0.68VDAK
T6011 42BCK-4622
C6016 1000KK1000CRD
D660 RB215T-90
C6017 1000KK1000CRD
D661 RB215T-90
D662 RB215T-90
24VA
L606 B4L26B0980N
C6018 35EM1000LBVD
C6019 35EM1000LBVD
C6020 35EM22001BWA
C6021 KK0.01LBYAG
SCREW
SCB1
SCB5
SCB6
SCB7
SCB4
SCB8
GND2
JP620 1/10GZ0C
JP621 1/10GZ0C
JP609 1/10GZ0C
JP610 1/10GZ0C
JP611 1/10GZ0C
JP612 1/10GZ0C
JP607 1/10GZ0C
JP608 1/10GZ0C
GND1
IC603 L6699
VBOOT HVG OUT NC Vs LVG GND EN2
Css Rfstart Cf Rimin OPOUT OPIN- OPIN+ EN1
C606 X
C639 100FJ0.1LBYA
R652 1/4GJ10B
R651 1/10GJ47KC
R650 1/4GJ10B
R649 1/4GJ10B
R648 1/10GJ47KC
C637 KK0.1LBYAG
C638 250M1LBVD
R653 1/10GJ200C
R637 1/10GJ200C
C635 KK0.01LBYAG
R647 1/10GJ200C
C634 KK1000LBYAG
R646 1/10GF4.7KC
C633 KK1000LBYAG
R645 1/10GJ2KC
C632 KK0.1LBYAG
R644 1/10GF1.5KC
C631 KK1500LBYAG
D616 DDXLBB042G
D615 DDXLBB042G
R637 1GJ12K
D606 DDXLBB041
DJ33 R610
D608 DDXLBZA16A
R650 1/10GJ20C
C635 2000KK220H
C636 800MH0.047VC
D602 DDXLBB048--2
DC400V
D603A 1AA2HEA0364--
D603 D10SB60
C618H3
R604 1/4GF560KB
R610 1/4GF560KB
R608 1/4GF560KB
TD5 UDZS16B
C619 2000KK220H
D607 DDXCBB035
R623 2SJ56K
C623 16KZ2.2FA
C620 KK0.47LBYAG
R617 1/10GJ390KC
R615 1/10GF8.2KC
R616 1/10GF1KC
R612 1/10GF4.7KC
R621 1/4GJ750KB
R622 1/4GJ750KB
C6033 4900K0.1DV
R619 1/10GF8.2KC
R620 1/10GF1.8KC
R618 1/4GJ390KB
R625 1/4GJ750KB
R626 1/4GJ750KB
R624 1/4GJ750KB
R635 1/4GJ1KB
R657 X
C640 KK0.01LBYAG
C621 KK0.01LZB
C622 KK0.01LZB
R627 1/10GJ10KC
C603 4900K0.1DV
C604 X
C605 275MM0.22LBXA
C610 250KK1000XJ
C609 250KK1000XJ
GND2
JP603 J
JP604 J
R602 1/2GF470K
JP602 X
JP601 X
L602 LF-2208-04
C602 2500K0.010H
C603 2500K0.010H
R603 DR1KKV0b019
(NENU)
R658 1/2C10M
GND1
C601 275MM0.22LBXA
VA601 ENE621D14A
R659 1/2C10M
F601 FFXLBB203VC-N
(LIVE)
J1B01100N K601
IC601A 1AA2HEF0171--
IC601 VIPER53EDIPN
COMP VDD SOURCE DRAIN TOVL NC
C611 KK0.01LBYAG
R614 1/10GJ3.3KC
C613 KK4700LBYAG
C612 KK0.47LBYAG
C615 35EM47LBVD
R611 1/10GJ1KC
C614 KK0.1LBYAG
R609 1/3GJ100
C606 2SC3392S
C617 25EM47LBVD
R613 X
C641 KK0.1LBYAG
D604 DDXLBB041
R608 1/2GJ2.2
R680 1/4GJ10KB
C616 KK0.1LBYAG
D605 DZXLBZA16A
L601 L26B0970N
Q601 FMD-20N6S
C627 X
C647 2.5SEM150VDK
C651 4900K0.1DV
Q601 STP20NM50FP
R636 1/10GJ47KC
R633 2SJ0.33
R634 2SJ0.33
R631 1/4GJ10B
R632 1/4GJ10B
D610 DDXLBB042G
D608 DDXLBB042G
R629 1/10GJ47KC
R630 X
C644 X
R639 X
R638 X
C645 X
R640 X
C646 X
C647 2.5SEM150VDK
C651 4900K0.1DV
T601 BCK-4062
D619 X
C6010 1000KK1000CRD
D663 RB085T-60
C6011 1000KK1000CRD
12VA
L607 B4L26B0980N
C6012 25EM2200LBVD
C6013 KK0.01LBYAG
C6014 35EM1000LBVD
R6013 1/2GJ1.5K
12V
T602 BCK-2583
IC602 L6563THP
INV COMP MULT CS VFF TBO PFC_OK
VCC GD GND ZCD RUN PWM_STOP PWMLATCH
C621 KK0.01LZB
C622 KK0.01LZB
R627 1/10GJ10KC
C623 16KZ2.2FA
C624 KK0.01LBYAG
R657 X
R635 1/4GJ1KB
R619 1/10GF8.2KC
R620 1/10GF1.8KC
R618 1/4GJ390KB
R625 1/4GJ750KB
R624 1/4GJ750KB
R621 1/4GJ750KB
R622 1/4GJ750KB
C6033 4900K0.1DV
R612 1/10GF4.7KC
C620 KK0.47LBYAG
R617 1/10GJ390KC
R615 1/10GF8.2KC
R616 1/10GF1KC
C619 2000KK220LBZB
R623 2SJ56K
D607 DDXCBB035
D665A 1AA2HEA0366--
C6001 1000KK1000CRD
L608 L26B0960N
C6002 25EM22005D
C6004 10EM470LBVD
C6003 16EM1000LBVD
D665 YG862C10MY
D624 DDXLBB041
C6006 EM4.7LBVD
R6050 1/4GJ10KB
R6048 1/4GJ10KB
R6049 1/10GJ10KC
Q612 2SA984F
R6015 1/10GJ470C
R6017 1/2GJ1K
ZD5 DZXLBZA36A
Q613 AH
R6059 1/10GJ10KC
R6060 1/10GJ27KC
32V
D651 PC123Y52
R6018 1/10GJ1KC
R6019 1/10GJ2.2KC
C6007 KK0.1LZB
IC604 UPC1093J
C6008 X
R6020 1/10GF8.2KC
R6022 1/10GF10KC
R6021 1/10GF1.5KC
D652 PC123Y52
R6023 1/10GJ470C
R637 1/4GJ2.2KB
Q607 AH
R6024 1/10GJ27KC
R6025 1/10GJ4.7KC
C6009 X
STB-5V
IC608 LM393
Output1 Inverting input1 Inverting input2 Vcc- Output2 Non-inverting input1 Non-inverting input2 Vcc+
R6026 1/10GJ10KC
R6027 1/10GJ1KC
R6028 1/10GJ1KC
R6029 1/10GJ560KC
R6030 1/10GJ20C
C6028 KK1LBYAG
C6029 KK0.1LBYAG
R6031 1/10GJ10KC
R6032 1/10GJ1KC
R6047 1/10GJ1KC
R6033 1/10GJ47KC
R6034 1/10GJ10KC
R6035 1/10GJ47KC
R6036 1/10GJ10KC
D626 DDXLBB042G
D627 DDXLBB042G
D628 DDXLBB042G
D629 DDXLBB042G
D625 DDXLBB042G
D630 DDXLBB042G
C6032 EM22LBVD
C6030 KK0.1LZB
R6039 1/10GJ4.7KC
R6040 1/10GJ22KC
R6041 1/10GJ1KC
R6042 1/10GJ1KC
R6044 1/10GJ10KC
R6043 1/10GJ22KC
C6031 KK0.1LZB
Q608 AH
Q609 AJ
Q610 AJ
Q611 AH
ZD3 UDZS18BG
R6037 1/10GJ47KC
R6038 1/10GJ5.6KC
ON/OFF
12VA
24V
12V
ZD1 UDZS27BG
ZD2 UDZS13BG
R6045 1/10GJ1KC
R6046 1/10GJ1KC