

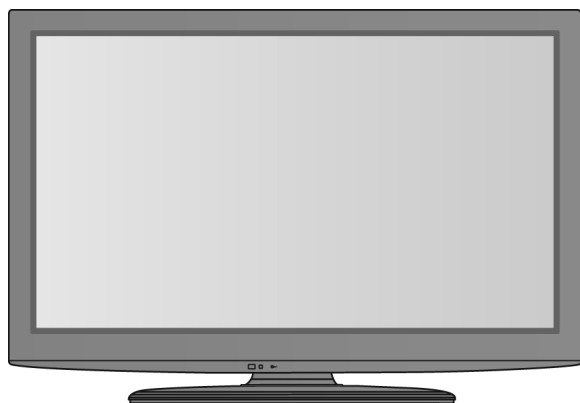
Service Manual

LCD TV

Model No. **TH-L42D22R**

Chassis: KM07L

Destination: IRAN



WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

TABLE OF CONTENTS

	PAGE		PAGE
1 Safety Precautions -----	3	5.2.3. POWER ON TIME/COUNT-----	10
1.1. General Guidelines-----	3	5.2.4. Exit-----	10
1.1.1. Leakage Current Cold Check-----	3	5.3. Service Mode Adjustment-----	11
1.1.2. Leakage Current Hot Check (See Figure 1.)-----	3	5.3.1. Self Check Mode-----	11
2 Warning -----	4	5.3.2. Hotel Mode Adjustment-----	11
2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices-----	4	5.3.3. Hotel Mode-----	11
2.2. About lead free solder (PbF)-----	5	6 Troubleshooting Guide -----	12
3 Service Navigation -----	6	6.1. Check of the IIC bus lines-----	12
3.1. Service Hint-----	6	6.1.1. How to access-----	12
4 Specifications -----	7	6.1.2. Exit-----	12
5 Service Mode -----	9	6.1.3. Screen display-----	12
5.1. How to enter into Service Mode-----	9	6.1.4. Check Point-----	12
5.1.1. Contents of adjustment mode-----	9	6.2. Power LED Blinking timing chart-----	13
5.1.2. How to exit-----	9	6.3. No Power-----	13
5.2. SRV-TOOL-----	10	7 Disassembly and Assembly Instructions -----	14
5.2.1. How to access-----	10	7.1. AC Cord Dressing-----	14
5.2.2. Display of SOS History-----	10	7.2. AC Cord Installation-----	15
		7.3. AC Cord Bracket Installation-----	16
		7.4. Metal Support Installation-----	17

7.5. Control Panel Assembly-----	18	11.4. TC Board-----	73
7.6. Side AV Bracket Assembly-----	19	11.4.1. TC Board - Sheet : 001 (1 / 3)-----	73
7.7. Metal Side AV Bracket Assembly-----	20	11.4.2. TC Board - Sheet : 001 (2 / 3)-----	74
7.8. Speaker Installation-----	21	11.4.3. TC Board - Sheet : 001 (3 / 3)-----	75
7.9. LCD Panel Fixing & Handling Method-----	22	11.4.4. TC Board - Sheet : 002 (1 / 2)-----	76
7.10. LED Panel Installation-----	23	11.4.5. TC Board - Sheet : 002 (2 / 2)-----	77
7.11. Barrier Installation-----	24	11.4.6. TC Board - Sheet : 003 (1 / 2)-----	78
7.12. Metal Bracket Installation-----	25	11.4.7. TC Board - Sheet : 003 (2 / 2)-----	79
7.13. PCB Installation-----	26	11.4.8. TC Board - Sheet : 004 (1 / 1)-----	80
7.14. Pedestal Assembly-----	27	11.4.9. TC Board - Sheet : 005 (1 / 3)-----	81
7.15. Stand MTG Assembly-----	29	11.4.10. TC Board - Sheet : 005 (2 / 3)-----	82
8 Measurements and Adjustments-----	30	11.4.11. TC Board - Sheet : 005 (3 / 3)-----	83
8.1. Voltage chart of A-board-----	30	11.4.12. TC Board - Sheet : 006 (1 / 2)-----	84
8.2. Voltage chart of DP-board-----	30	11.4.13. TC Board - Sheet : 006 (2 / 2)-----	85
9 Block Diagram-----	31	11.5. V Board-----	86
9.1. Main Block Diagram-----	31	11.5.1. V Board (1 / 3)-----	86
10 Wiring Connection Diagram-----	32	11.5.2. V Board (2 / 3)-----	87
10.1. Wire Dressing 1-----	32	11.5.3. V Board (3 / 3)-----	88
10.2. Wire Dressing 2-----	33	12 Printed Circuit Board-----	89
11 Schematic Diagram-----	34	12.1. A-Board-----	89
11.1. Schematic Diagram Notes-----	34	12.2. A-Board-----	90
11.2. A Board-----	35	12.3. DP-Board-----	91
11.2.1. A Board - Sheet : 002 (1 / 3)-----	35	12.4. DP-Board-----	92
11.2.2. A Board - Sheet : 002 (2 / 3)-----	36	12.5. TC-Board-----	93
11.2.3. A Board - Sheet : 002 (3 / 3)-----	37	12.6. TC-Board-----	93
11.2.4. A Board - Sheet : 003 (1 / 3)-----	38	12.7. V-Board-----	94
11.2.5. A Board - Sheet : 003 (2 / 3)-----	39	12.8. V-Board-----	94
11.2.6. A Board - Sheet : 003 (3 / 3)-----	40	13 Exploded View and Replacement Parts List-----	95
11.2.7. A Board - Sheet : 005 (1 / 3)-----	41	13.1. Exploded View and Mechanical Replacement	
11.2.8. A Board - Sheet : 005 (2 / 3)-----	42	Parts List-----	95
11.2.9. A Board - Sheet : 005 (3 / 3)-----	43	13.2. Electrical Replacement Parts List-----	95
11.2.10. A Board - Sheet : 007 (1 / 4)-----	44	13.2.1. Replacement Parts List Notes-----	95
11.2.11. A Board - Sheet : 007 (2 / 4)-----	45	13.2.2. Electrical Replacement Parts List-----	96
11.2.12. A Board - Sheet : 007 (3 / 4)-----	46		
11.2.13. A Board - Sheet : 007 (4 / 4)-----	47		
11.2.14. A Board - Sheet : 009 (1 / 3)-----	48		
11.2.15. A Board - Sheet : 009 (2 / 3)-----	49		
11.2.16. A Board - Sheet : 009 (3 / 3)-----	50		
11.2.17. A Board - Sheet : 010 (1 / 5)-----	51		
11.2.18. A Board - Sheet : 010 (2 / 5)-----	52		
11.2.19. A Board - Sheet : 010 (3 / 5)-----	53		
11.2.20. A Board - Sheet : 010 (4 / 5)-----	54		
11.2.21. A Board - Sheet : 010 (5 / 5)-----	55		
11.2.22. A Board - Sheet : 012 (1 / 4)-----	56		
11.2.23. A Board - Sheet : 012 (2 / 4)-----	57		
11.2.24. A Board - Sheet : 012 (3 / 4)-----	58		
11.2.25. A Board - Sheet : 012 (4 / 4)-----	59		
11.2.26. A Board - Sheet : 015 (1 / 2)-----	60		
11.2.27. A Board - Sheet : 015 (2 / 2)-----	61		
11.2.28. A Board - Sheet : 016 (1 / 3)-----	62		
11.2.29. A Board - Sheet : 016 (2 / 3)-----	63		
11.2.30. A Board - Sheet : 016 (3 / 3)-----	64		
11.2.31. A Board - Sheet : 017 (1 / 3)-----	65		
11.2.32. A Board - Sheet : 017 (2 / 3)-----	66		
11.2.33. A Board - Sheet : 017 (3 / 3)-----	67		
11.3. DP Board-----	68		
11.3.1. DP Board (1 / 5)-----	68		
11.3.2. DP Board (2 / 5)-----	69		
11.3.3. DP Board (3 / 5)-----	70		
11.3.4. DP Board (4 / 5)-----	71		
11.3.5. DP Board (5 / 5)-----	72		

1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.
4. When conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
5. When wiring units (with cables, flexible cables or lead wires) are supplied as repair parts and only one wire or some of the wires have been broken or disconnected, do not attempt to repair or re-wire the units. Replace the entire wiring unit instead.
6. When conducting repairs and servicing, do not twist the Faston connectors but plug them straight in or unplug them straight out.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be 100 Mohm and over. When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kohm, 10 watts resistor, in parallel with a 0.15 μ F capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

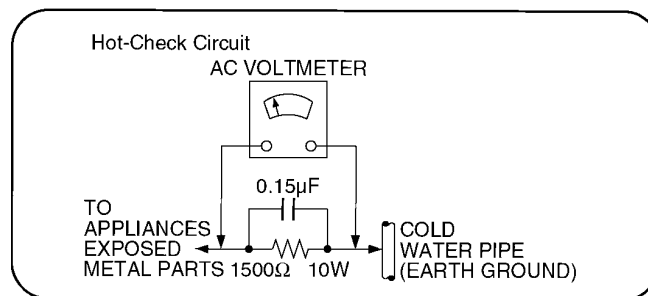


Figure 1

2 Warning

2.1. Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor [chip] components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as [anti-static (ESD protected)] can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

2.2. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

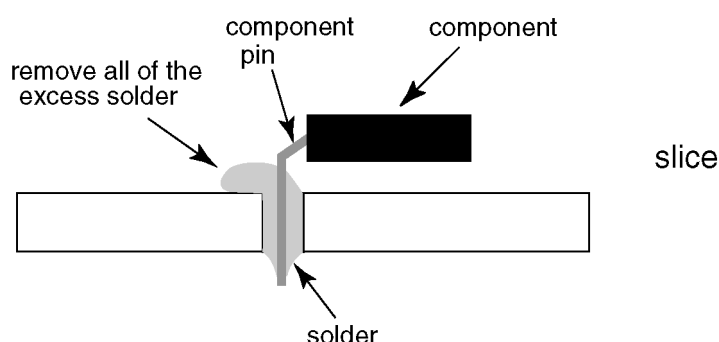
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol **PbF** stamped on the back of PCB.

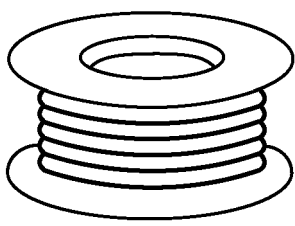
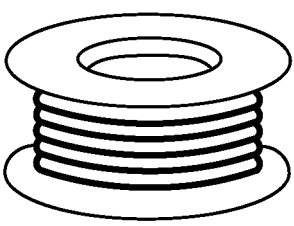
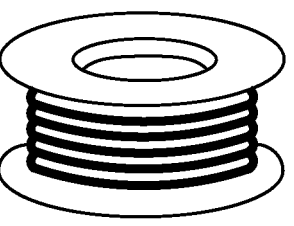
Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



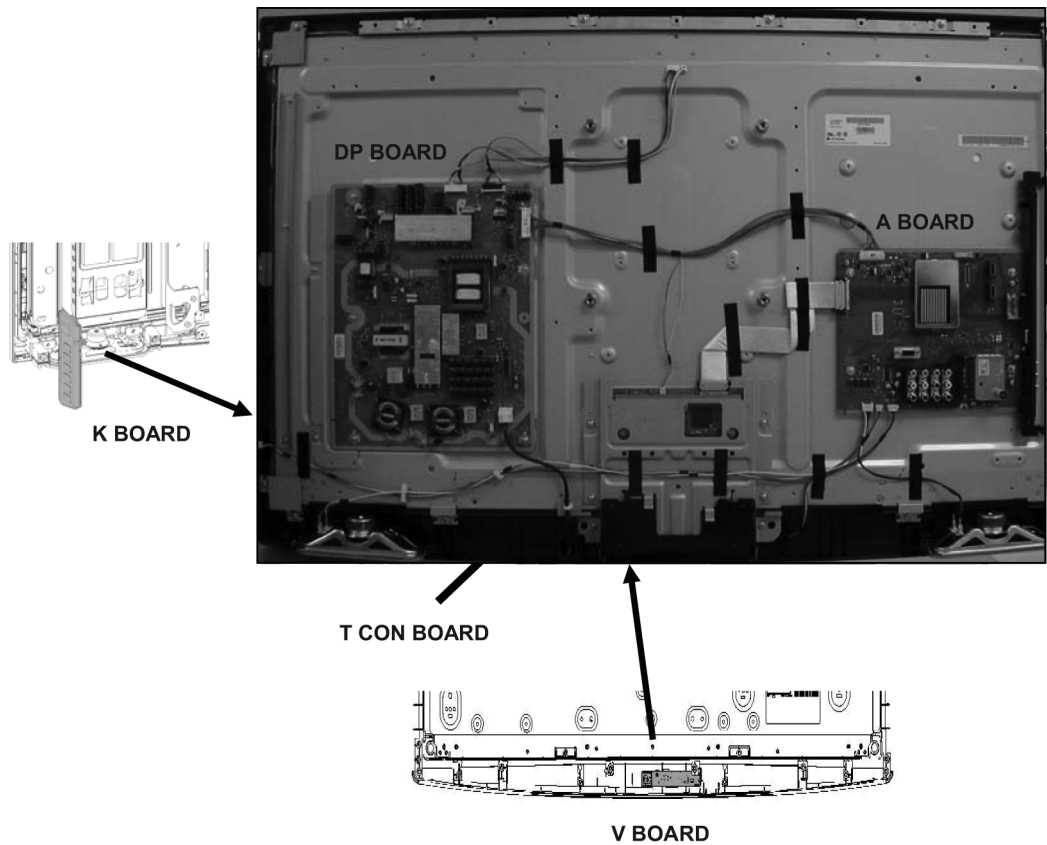
Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

3 Service Navigation

3.1. Service Hint



Board	Main Device
A BOARD	AVSW, TUN, OFDM, ADV, P-AVC, GENX, EEP, TEMP
DP BOARD	POWER SUPPLY
V BOARD	REMOTE, LED, LUMINUNCE SENSOR
K BOARD	CONTROL BUTTON, POWER BUTTON

4 Specifications

Power Source	AC Single 220-240 V, 50 / 60 Hz
Power Consumption	
Average use	129 W
Standby Condition	0.42 W
Display panel	
Aspect Ratio	16:9
Visible screen size	106 cm (diagonal) 930 mm (W) × 523 mm (H)
Number of pixels	2,073,600 (1,920 (W) × 1,080 (H))
Sound	
Speaker	160 mm × 40 mm × 2 pcs, 8 Ω
Audio Output	20 W (10 W + 10 W), 10% THD
Headphones	M3 (3.5 mm) stereo mini Jack × 1
PC signals	VGA, SVGA, WVGA, XGA SXGA, WXGA (compressed) Horizontal scanning frequency 31 - 69 kHz Vertical scanning frequency 59 - 86 Hz

Receiving Systems / Band name	17 SYSTEMS	FUNCTIONS
	1 PAL B, G, H 2 PAL I 3 PAL D, K 4 SECAM B, G 5 SECAM D, K 6 SECAM K1 7 NTSC M (NTSC 3.58 / 4.5MHz)	Reception of broadcast transmission and playback from video cassette tape recorders.
	8 NTSC 4.43 / 5.5 MHz 9 NTSC 4.43 / 6.0 MHz 10 NTSC 4.43 / 6.5 MHz 11 NTSC 3.58 / 5.5 MHz 12 NTSC 3.58 / 6.0 MHz 13 NTSC 3.58 / 6.5 MHz 14 SECAM I	Playback from special VCR's or DVD.
	15 PAL 60 Hz / 5.5 MHz 16 PAL 60 Hz / 6.0 MHz 17 PAL 60 Hz / 6.5 MHz	Playback from Special Disc Players and Special VCR's or DVD.

Receiving Channels (Regular TV)	
PAL B/G	2 - 12 (PAL / SECAM B, K1) 0 - 12 (PAL B AUST.) 1 - 9 (PAL B N.Z.) 1 - 12 (PAL / SECAM D) 1 - 12 (NTSC M JAPAN) 2 - 13 (NTSC M USA)
UHF BAND	21 - 69 (PAL G, H, I / SECAM G, K, K1) 28 - 69 (PAL B AUST.) 13 - 57 (PAL D, K) 13 - 62 (NTSC M JAPAN) 14 - 69 (NTSC M USA)
CATV	S1 - S20 (OSCAR) 1 - 125 (USA CATV) C13 - C49 (JAPAN) S21 - S41 (HYPER) Z1 - Z37 (CHINA) 5A, 9A (AUST.)

Aerial - Rear	VHF / UHF
Operating Conditions	Temperature : 0°C - 40°C Humidity : 20 % - 80 % RH (non-condensing)

Connection Terminals		Humidity : 25 % ~ 85 % RH (non-condensing)	
AV1 Input	AUDIO L-R	RCA PIN Type × 2	0.5 V [rms]
	VIDEO	RCA PIN Type × 1	1.0 V [p-p] (75 Ω)
	COMPONENT	Y	1.0 V [p-p] (including synchronization)
		P _B /C _B , P _R /C _R	± 0.35 V [p-p]
AV2 Input	AUDIO L-R	RCA PIN Type × 2	0.5 V [rms]
	VIDEO	RCA PIN Type × 1	1.0 V [p-p] (75 Ω)
AV3 Input	AUDIO L-R	RCA PIN Type × 2	0.5 V [rms]
	VIDEO	RCA PIN Type × 1	1.0 V [p-p] (75 Ω)

Monitor Output	AUDIO L-R	RCA PIN Type × 2	0.5 V [rms] (high impedance)
	VIDEO	RCA PIN Type × 1	1.0 V [p-p] (75 Ω)
Others	HDMI 1 - 3 Input	TYPE A Connectors	• This TV supports 'HDAVI Control 5' function.
	PC Input	HIGH-DENSITY D-SUB 15 PIN	R, G, B / 0.7 V[p-p] (75 Ω) HD, VD / TTL LEVEL 2.0-5.0 V [p-p] (high impedance)
Card Slot		SD Card slot × 1	
Dimension (W x H x D)		1,032 mm × 698 mm × 310 mm (With Pedestal)	
		1,032 mm × 655 mm × 78 mm (TV only)	
Mass		21.0 kg Net (With Pedestal)	
		18.0 kg Net (TV only)	

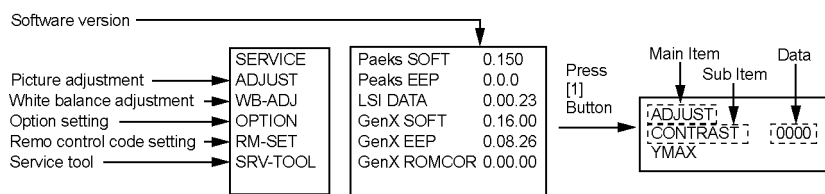
Note

Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.

5 Service Mode

5.1. How to enter into Service Mode

While pressing [VOLUME (-)] button of the main unit, press [INFO] button of the remote control three times within 2 seconds.



5.1.1. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample Data	Remark
ADJUST	CONTRAST	000	
	COLOR	4C	
	TINT	00	
	SUB-BRT	808	
	BACKLGT	22E	
	B-Y-G	34	
	R-Y-A	00	
WB-ADJ	R-GAIN	F7	
	G-GAIN	FB	
	B-GAIN	DB	
	R-CENT	82	
	G-CENT	80	
	B-CENT	86	
OPTION	Boot	ROM	Factory Preset.
	STBY-SET	00	
	EMERGENCY	ON	
	CLK MODE	00	
	CLOCK	0E4	
RM-SET		00	Fixed.
SRV-TOOL		00	See next.

5.1.2. How to exit

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

5.2. SRV-TOOL

5.2.1. How to access

1. Select [SRV-TOOL] in Service Mode.
2. Press [OK] button on the remote control.

	SRV-TOOL	
Display of TD2Microcode version →	TD2Microcode:81c00011	
Display of Flash ROM maker code →	Flash ROM : 1 - 227E	
Display of SOS History →	PTCT : 00 . 00 . 00 . 00 . 00	Time 000040:40 Count 0000049

POWER ON TIME/COUNT
Press [MUTE] button (3sec)

5.2.2. Display of SOS History

SOS History (Number of LED blinking) indication.

From left side; Last SOS, before Last, three occurrence before, 2nd occurrence after shipment, 1st occurrence after shipment.

This indication except 2nd and 1st occurrence after shipment will be cleared by [Self-check indication and forced to factory shipment setting].

5.2.3. POWER ON TIME/COUNT

Note : To display TIME/COUNT menu, highlight position, then press MUTE for 3sec.

Time : Cumulative power on time, indicated hour : minute by decimal

Count : Number of ON times by decimal

Note : This indication will not be cleared by either of the self-checks or any other command.

5.2.4. Exit

1. Disconnect the AC cord from wall outlet.

5.3. Service Mode Adjustment

Set timer to 30min, press the 'RECALL' button on the remote control and press '-' vol button on the LCD panel.

- Press button R and G for adjustment.

5.3.1. Self Check Mode

1. Press the 'MENU' button (on the remote control) and the 'DOWN' button on the LCD panel.
2. Press ON/OFF button on the panel to Exit.

5.3.2. Hotel Mode Adjustment

1. Press the 'VOLUME DOWN' button on the TV panel and simultaneously press the AV button on the remote control 3 times to enter Hotel Mode.
2. Set Hotel mode 'on/off', then press 'EXIT' to come out.

5.3.3. Hotel Mode

1. Purpose
Restrict a function for hotels.
2. Access command to the Hotel mode setup menu.
In order to display the Hotel mode setup menu, please enter the following command (**within 2 second**).
[TV] : Hold Vol [Down] + [Remote] : Press AV button 3 times.

Then, the Hotel mode setup menu is displayed.

Hotel Mode	
Hotel Mode	Off
Initial INPUT	Off
Initial POS	Off
Initial VOL Level	Off
Maximum Vol Level	100
Button Lock	Off
Remote Lock	Off

Select


 EXIT
 Change
 RETURN

Item	Function
Hotel Mode	Select hotel mode ON/OFF
Initial INPUT	Select input signal modes. Set the input, when each time power is switched on. Selection : OFF/Analogue TV/Digital TV/AV1/AV2/AV3/PC/HDMI1/HDMI2/HDMI3 • Off: give priority to a last memory. • Selectable input is depend on the model.
Initial POS	Select programme number. Selection : Off/0 to 100 • Off: give priority to a last memory.
Initial VOL level	Adjust the volume when each time power is switched on. Selection/Range : Off/0 to 100 • Off: give priority to a last memory.
Maximum VOL level	Adjust maximum volume. Range : 0 to 100
Button lock	Select local key conditions. Selection : Off/SETUP/MENU/All • Off: altogether valid. • SETUP: only F-key is invalid. (Tuning guide (menu) can not be selected.) • MENU: only F-key is invalid. (only Volume/Mute can be selected.) • ALL: altogether invalid.
Remote lock	Select remote control key conditions. Selection : Off/SETUP/MENU • Off: altogether valid. • SETUP: only Setup menu is invalid. • MENU: Picture/Sound/Setup menu are invalid.

6 Troubleshooting Guide

Use the self-check function to test the unit.

1. Checking the IIC bus lines
2. Power LED Blinking timing

6.1. Check of the IIC bus lines

6.1.1. How to access

Self-check indication only:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [OK] button on the remote control for more than 3 seconds.

Self-check indication and forced to factory shipment setting:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.

6.1.2. Exit

Disconnect the AC cord from wall outlet.

6.1.3. Screen display

SELF CHECK		---- . XXXXXX - XXXXXX
PEAKS	OK	
TUN1	OK	
FE	OK	
Hudson	OK	
MEM2	OK	
MEM3	OK	
MEM4	OK	
Copyright Panasonic Corporation 2009.		

6.1.4. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Ref. No.	Description	P.C.B.
PEAKS	IC8001	PEAKS LITE 2P	A-Board
TUN1	TU8300	TUNER	A-Board
FE	IC8300	FRONT END	A-Board
Hudson	IC4003	Hudson2	A-Board
MEM2	IC8503	EEPROM	A-Board
MEM3	IC4004	EEPROM	A-Board
MEM4	IC4504	EEPROM	A-Board

6.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality occurs, the protection circuit will operate and reset the unit to stand by mode. During this time, the defective block can be identified by the number of blinking times of the Power LED on the front panel of the unit as follow:

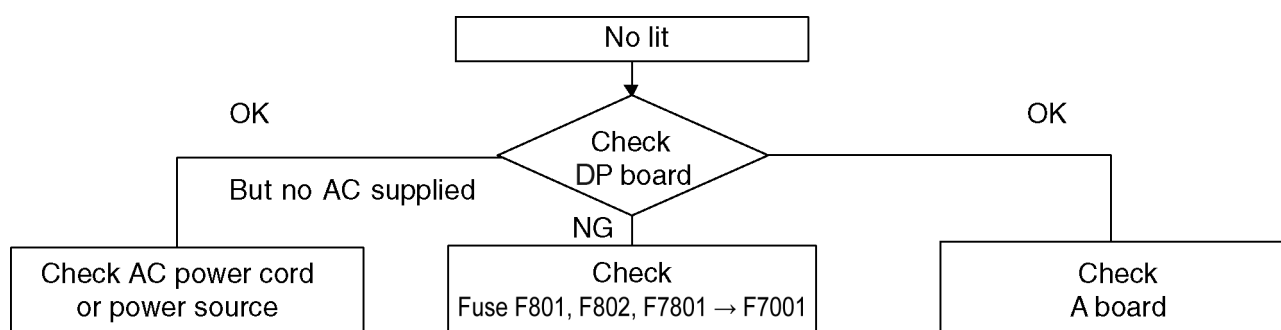
Blinking times	Contents	BOARD
1	Inverter_SOS	DP BOARD
2	SUB 1.8V_SOS	A BOARD
3	SUB 1.2V_SOS	A BOARD
4	POWER_SOS	DP/A BOARD
5	SUB 5V_SOS	A BOARD
9	TCON_SOS	A BOARD
10	SUB 3.3V_SENSE	A BOARD
11	DCDC_SOS	A BOARD
12	SOS	A BOARD

6.3. No Power

First check point

There are following 2 states of No Power indication by power LED.

1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 6.2.)



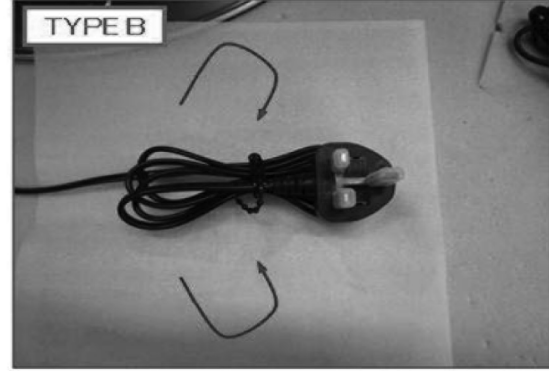
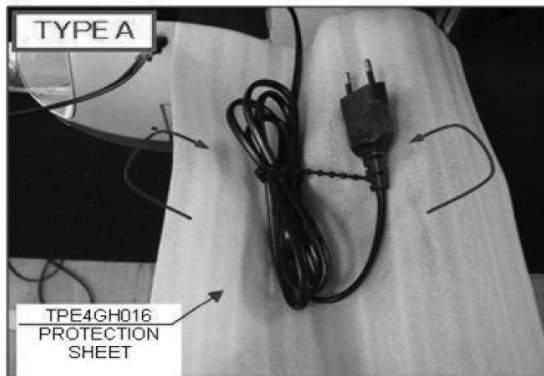
7 Disassembly and Assembly Instructions

7.1. AC Cord Dressing

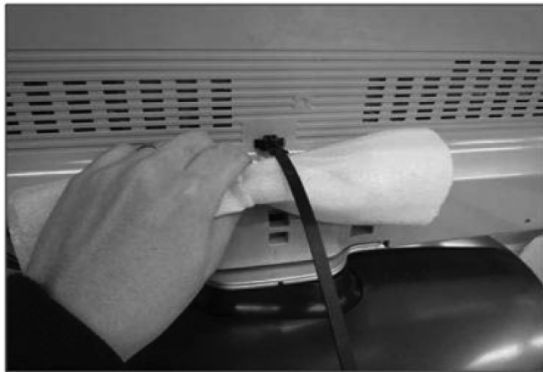
1. INSERT CLAMPER INTO PEDESTAL ASSY.



2. PACK AC CORD INTO PROTECTION SHEET AND LAP IT.



3. PUT ON AC CODE INTO BAND.



4. INSERT BAND TIP INTO BAND SLIT.

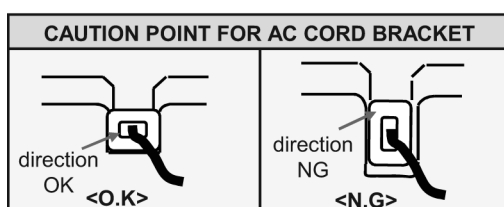
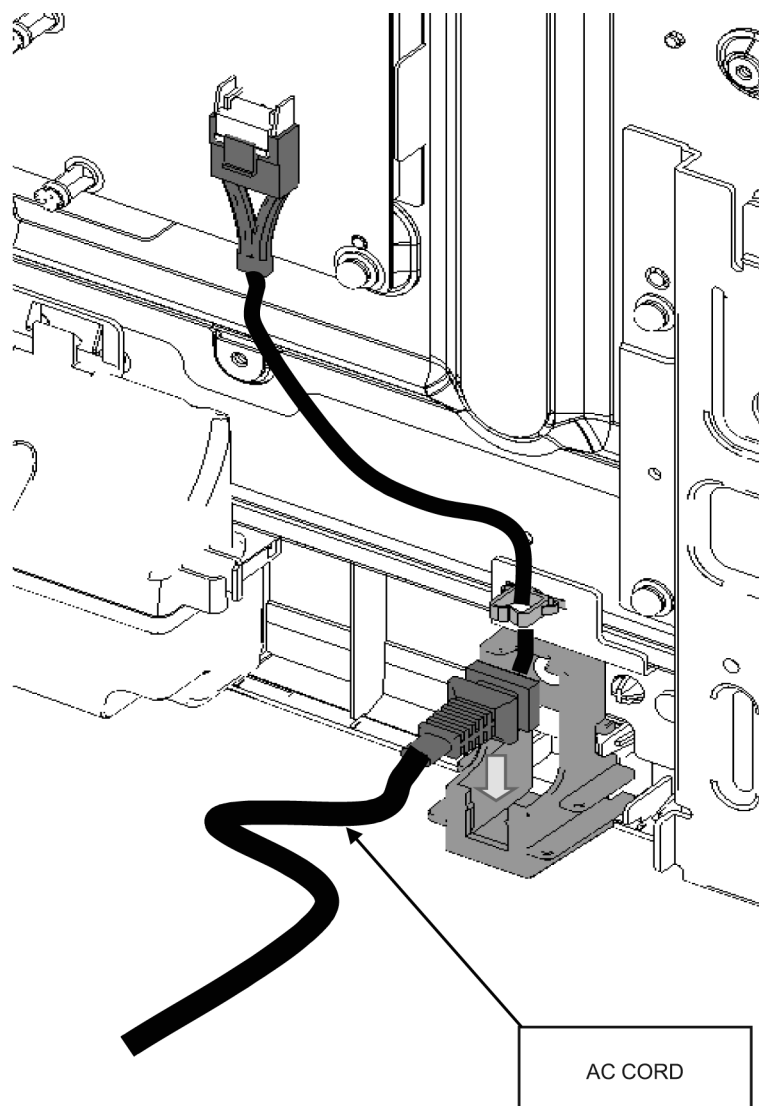


5. AC CORD DRESSING



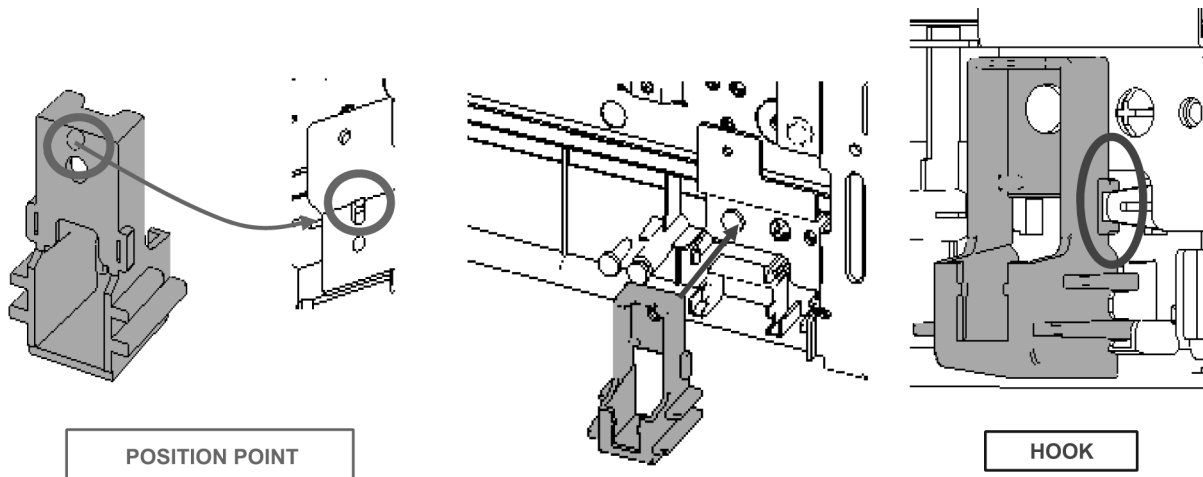
7.2. AC Cord Installation

1. Insert DP Print into AC Connector.
2. Arrange wire over the speaker and K1 wire.



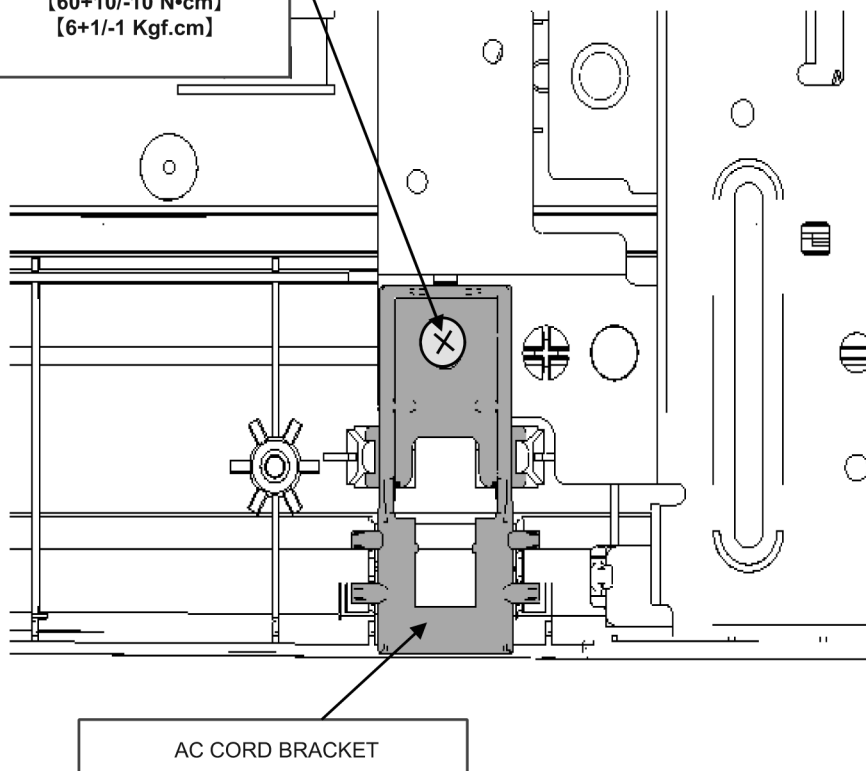
7.3. AC Cord Bracket Installation

Put on AC CORD BRACKET on cabinet and screw it.



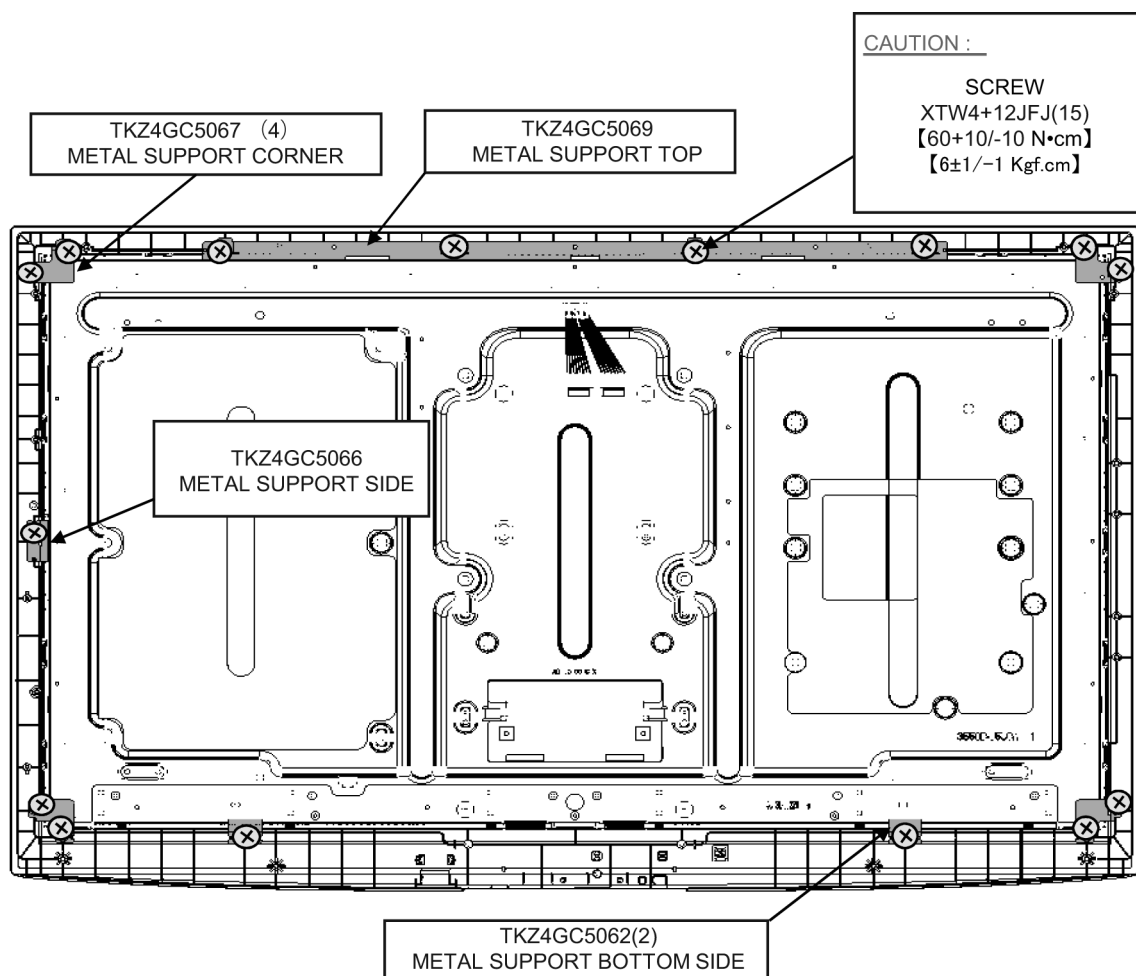
CAUTION:

SCREW
XTB4+12JFJ
[60+10/-10 N•cm]
[6+1/-1 Kgf.cm]



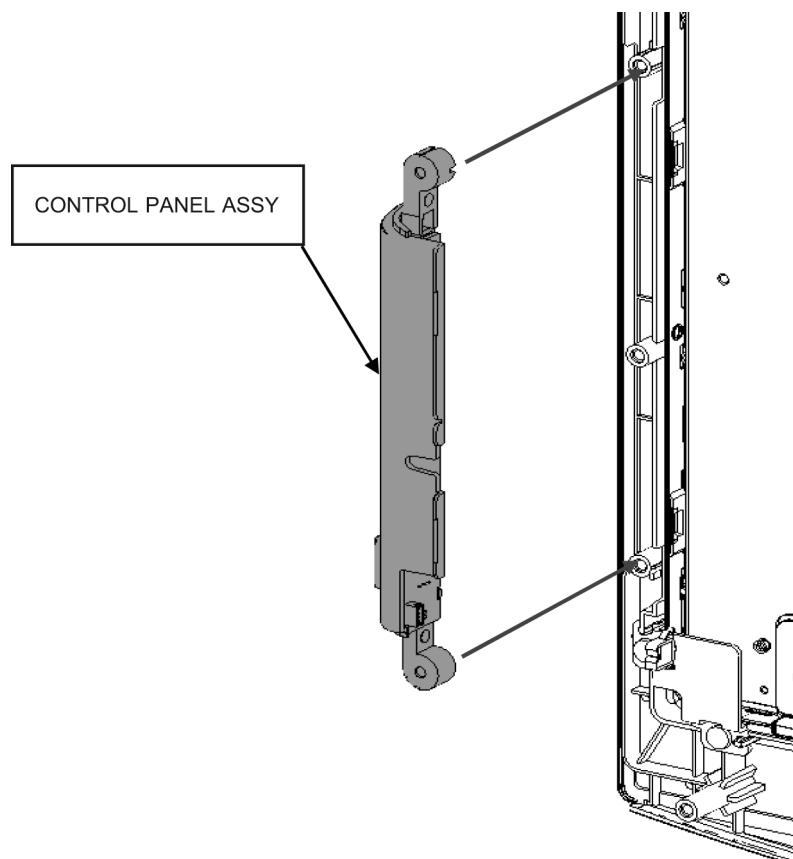
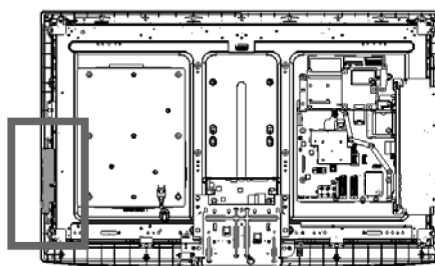
7.4. Metal Support Installation

1. Put Metal Support Top on cabinet and screw it (4 points).
2. Put Metal Support Side on cabinet and screw it (1 points).
3. Put Metal Support Corner on cabinet and screw it (8 points).
4. Put Metal Support Bottom Side on cabinet and screw it (2 points).



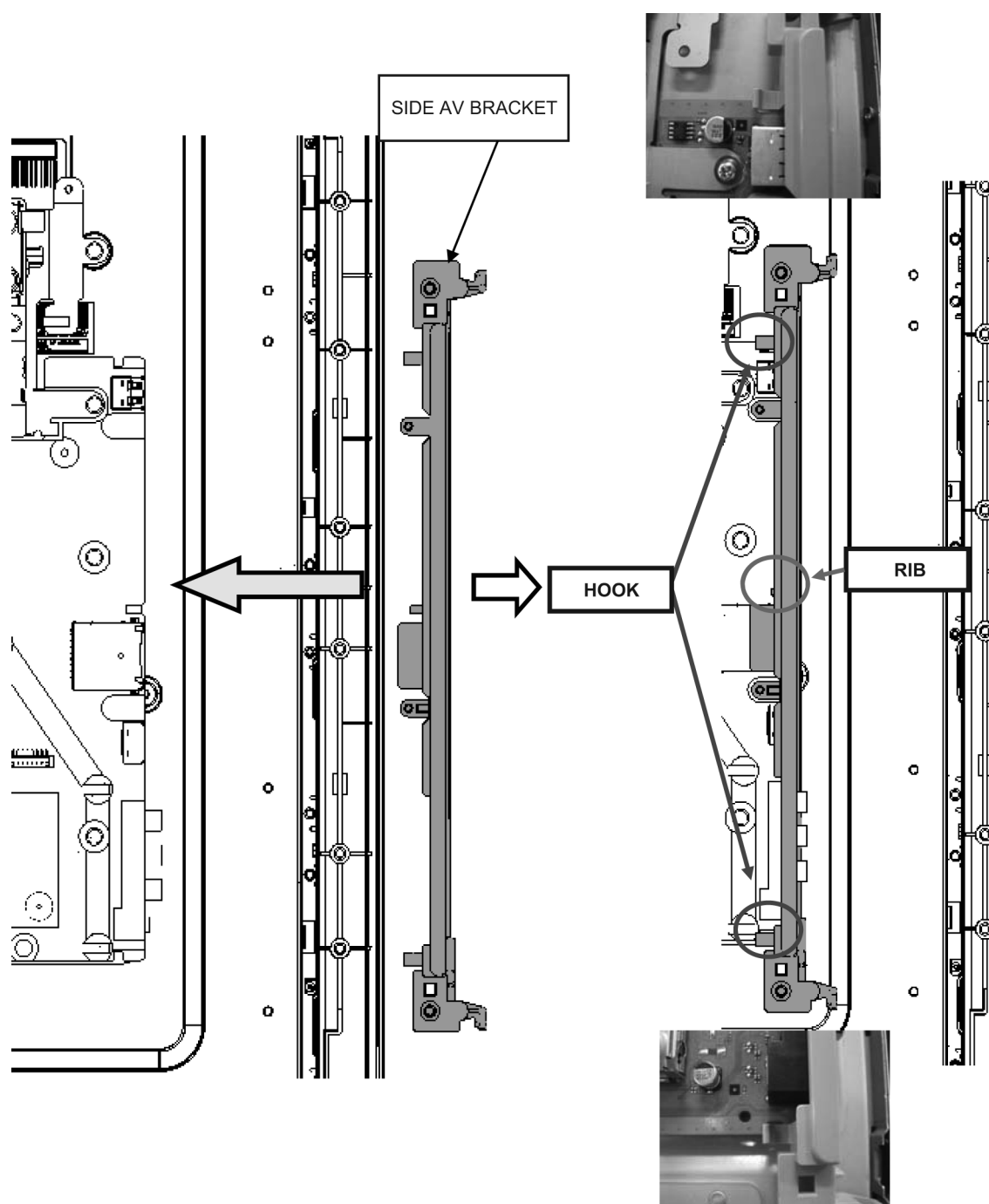
7.5. Control Panel Assembly

Put CONTROL PANEL ASSY on cabinet.



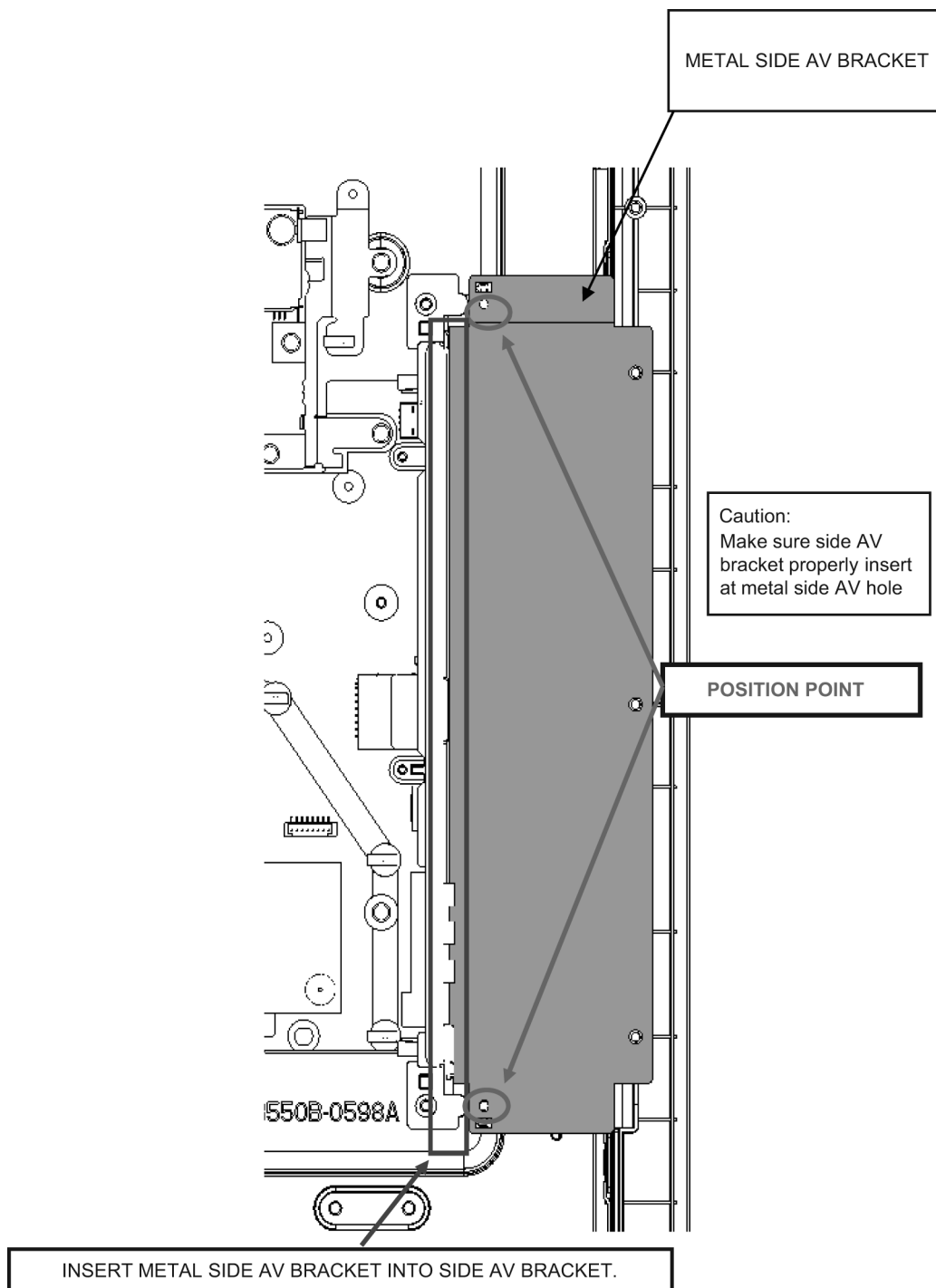
7.6. Side AV Bracket Assembly

Fix SIDE AV BRACKET to LCD Panel. (Hook : 2 points Rib : 1 Point)



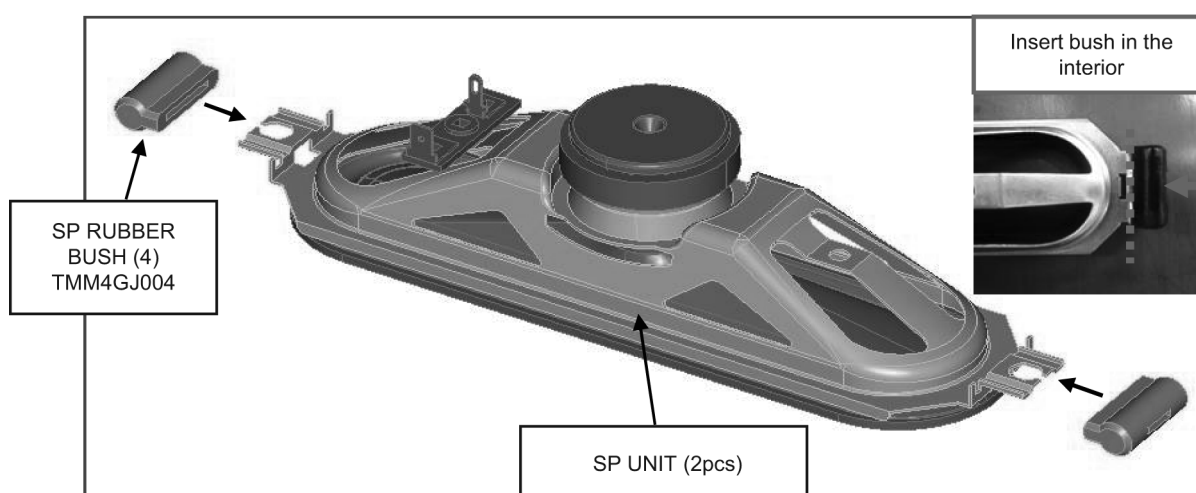
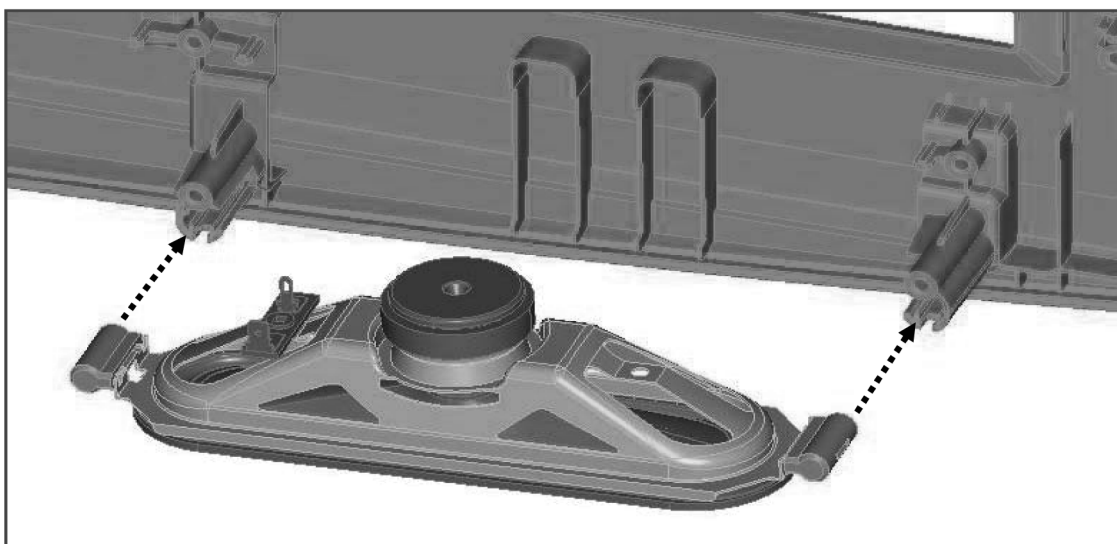
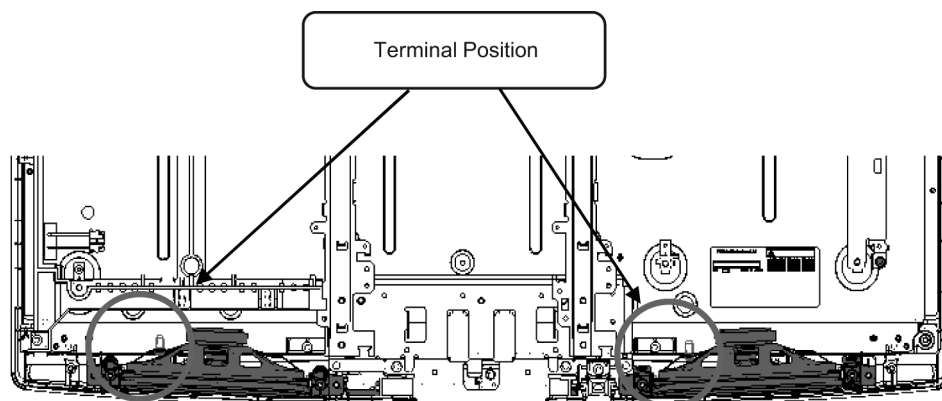
7.7. Metal Side AV Bracket Assembly

Fix METAL SIDE AV BRACKET to LCD Panel. (Lib : 2 Points)



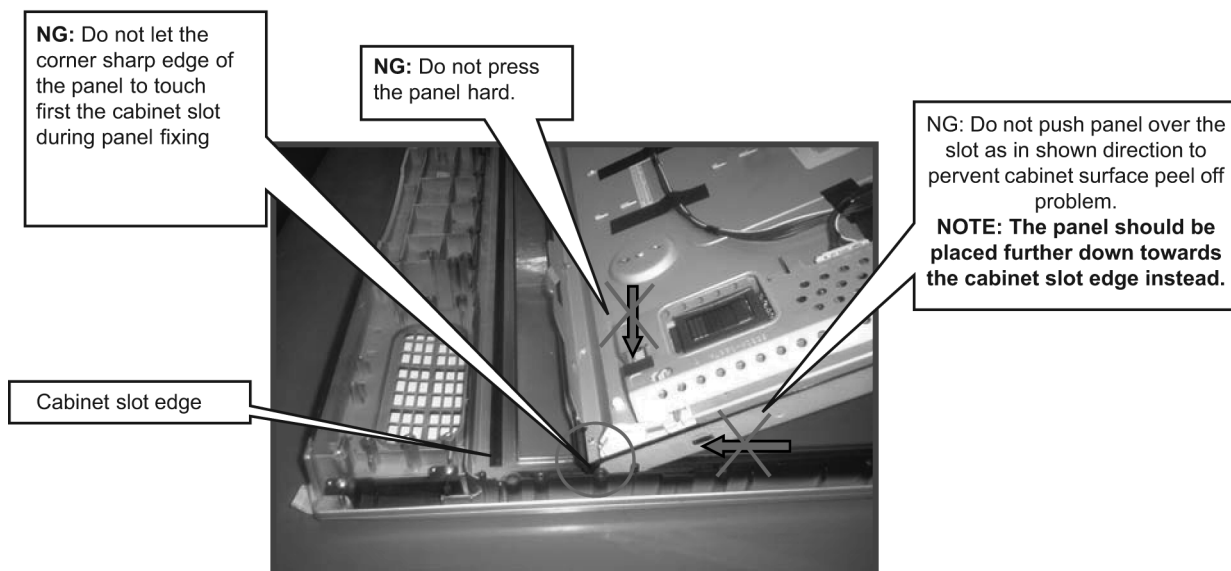
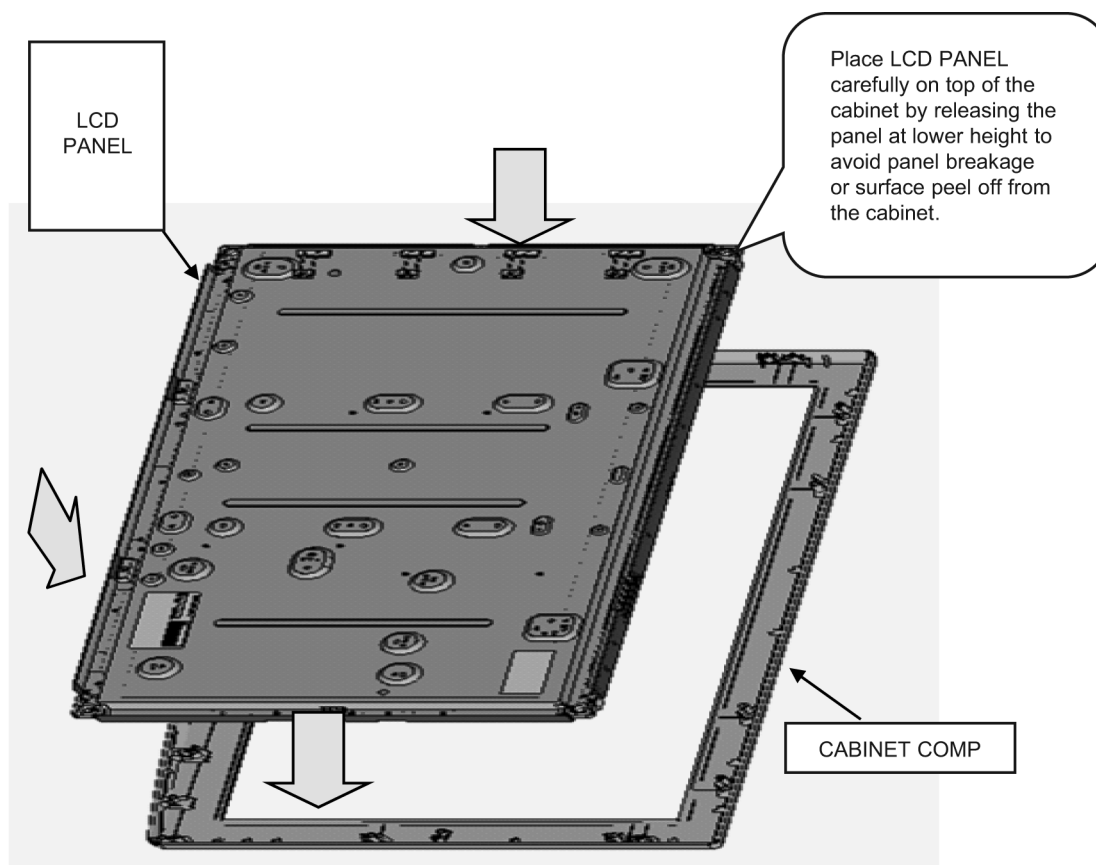
7.8. Speaker Installation

1. Fix SP RUBBER BUSH on SP UNIT.
2. Set the SPEAKER UNIT at the CABINET.



7.9. LCD Panel Fixing & Handling Method

1. Place down the cabinet as shown below.
2. Fix LCD panel into the cabinet by taking below precautions.

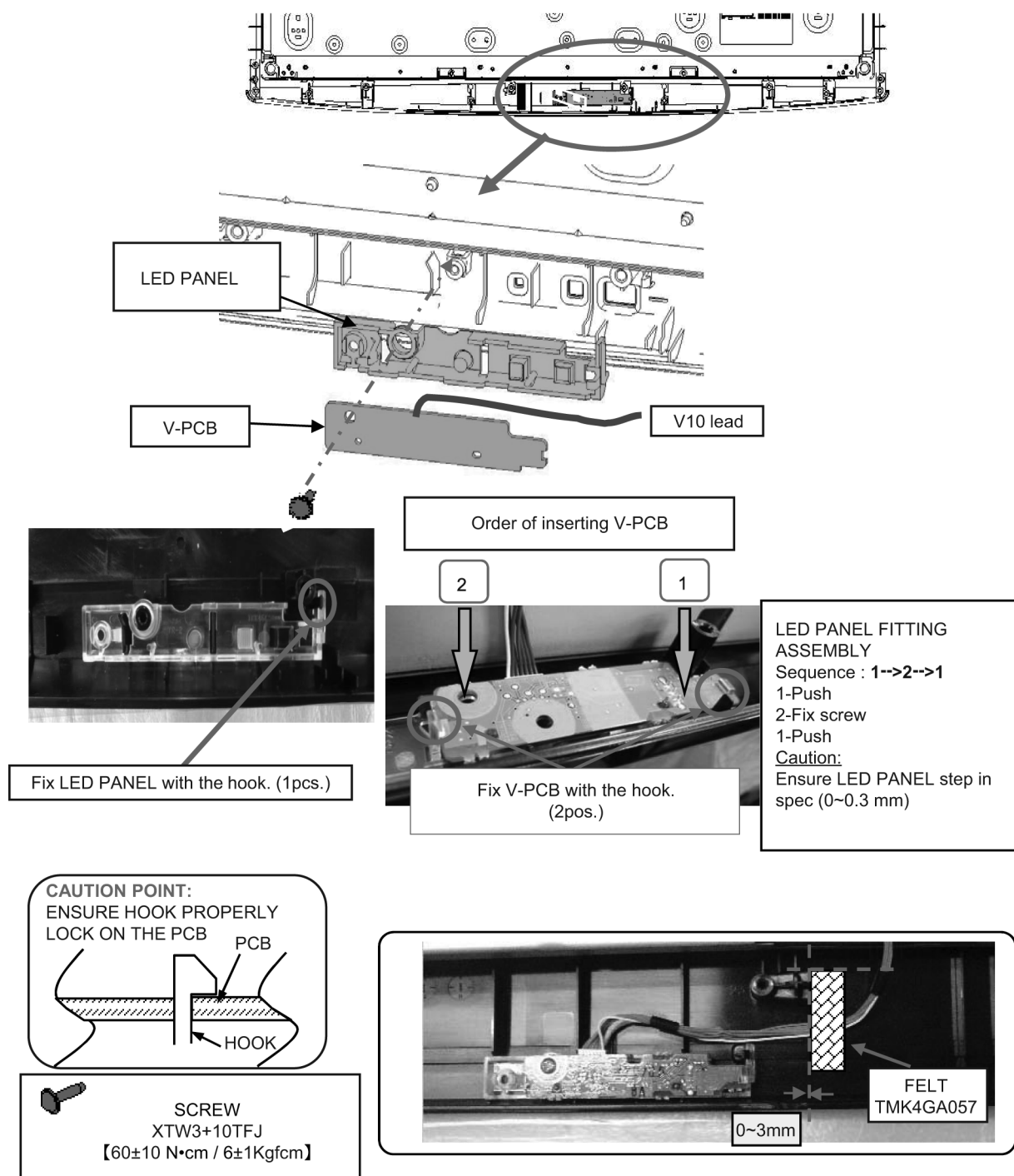


Other general precautions

1. Do not press panel surface to avoid blue spot on the panel display.
2. Do not use hard cloth or rub the surface too hard. This may cause scratches on the surface.
3. Take care not to subject the TV's surface to water or detergent. Any liquid (including pets urine) if enters the product could lead to TV failure.
4. Take care not to subject the surface to insect repellent, solvent, thinner or other volatile substances. This may degrade surface quality or cause peeling of the paint.
5. The surface of the display panel is specially treated and may be easily damaged. Take care not to tap or scratch with your fingernail or other hard objects.

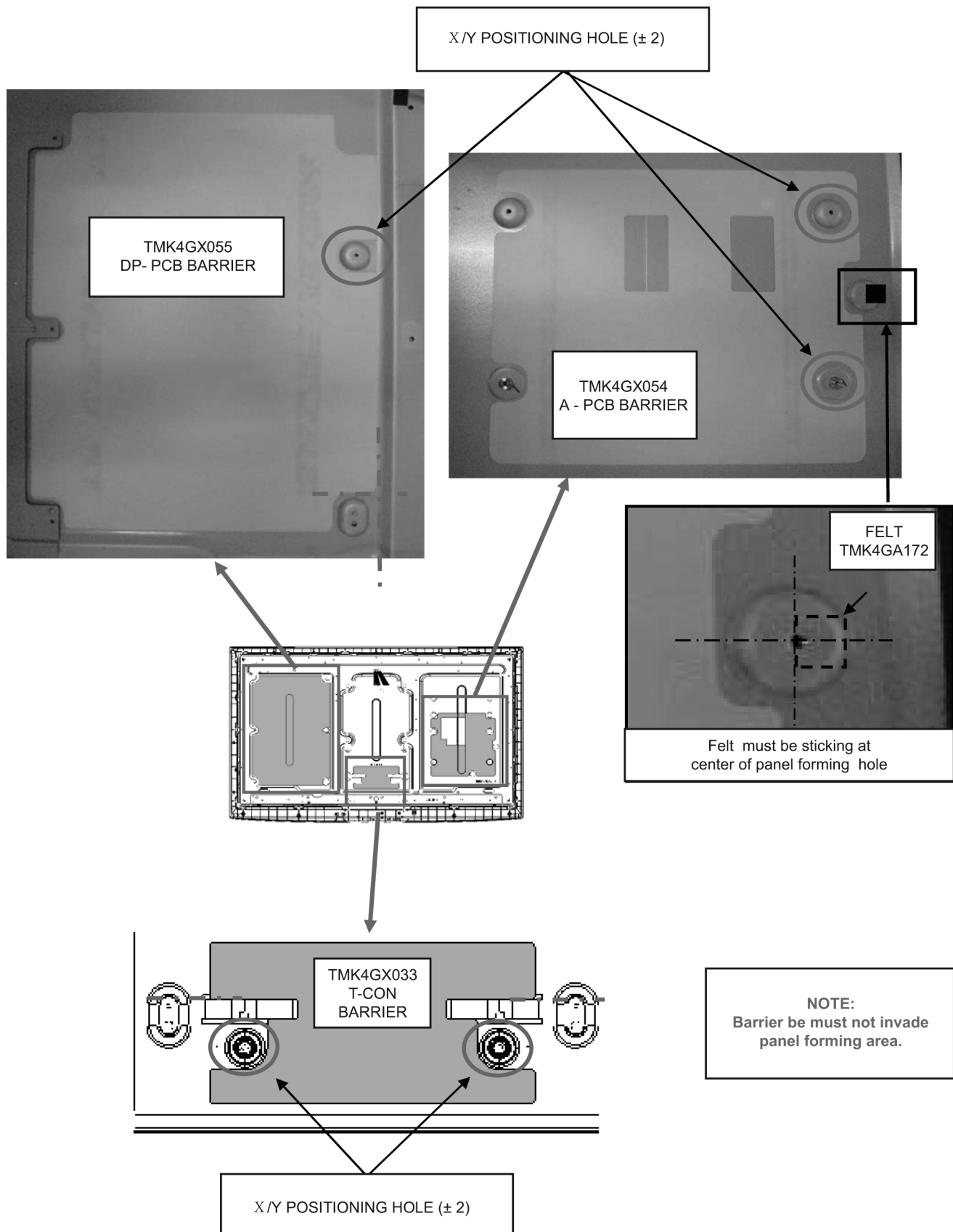
7.10. LED Panel Installation

1. Assemble V-PCB on LED PANEL.
2. Insert an A10-V10 lead connector in V-Print.
3. Fix LED PANEL ass'y on CABINET and fix with screw.
4. Stick FELT at V10 wire.



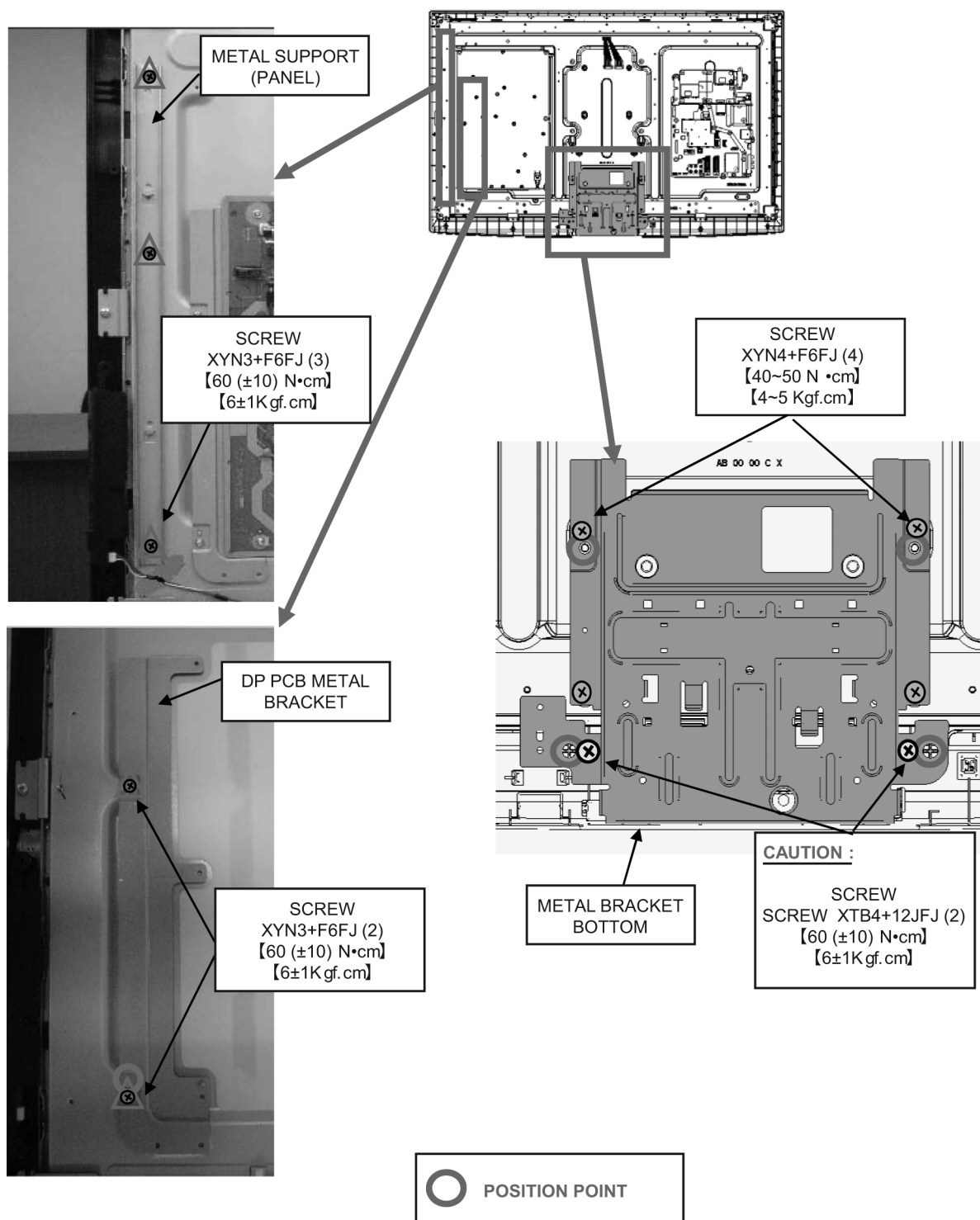
7.11. Barrier Installation

1. Stick DP PCB barrier on LCD panel.
2. Stick A PCB barrier on LCD panel.
3. Stick T-con barrier on LCD panel.



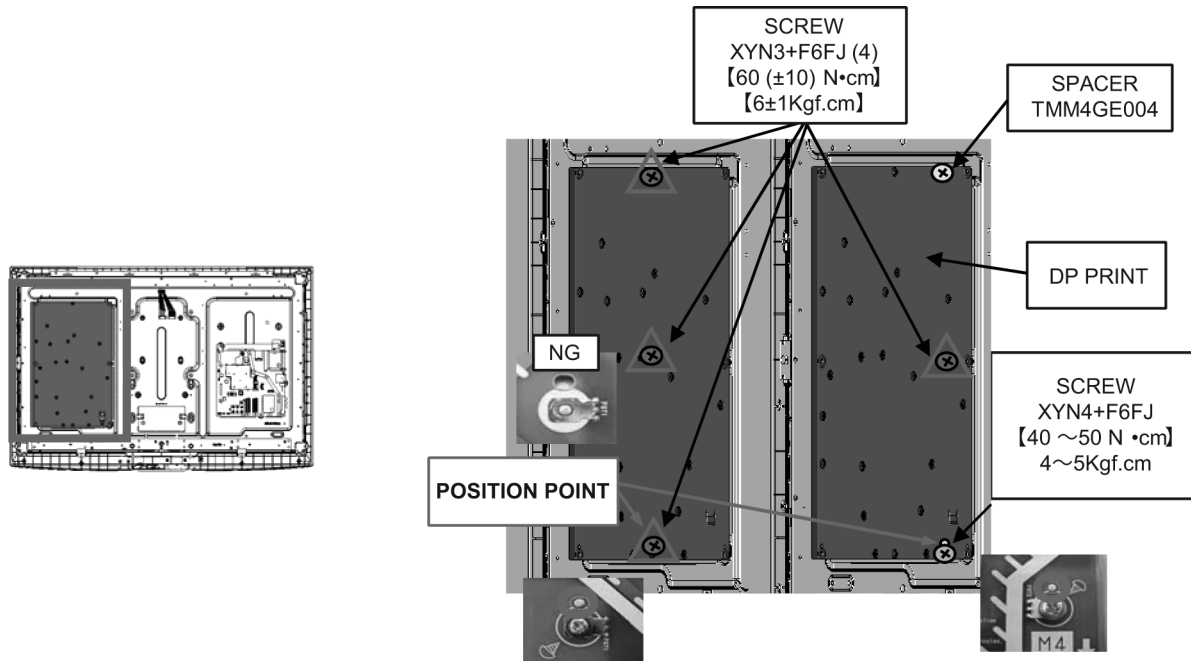
7.12. Metal Bracket Installation

1. Put the Metal Bracket Bottom on LCD panel and screw it.
2. Put DP-PCB Metal Bracket and screw it.
3. Put Metal support (Panel) and screw it.

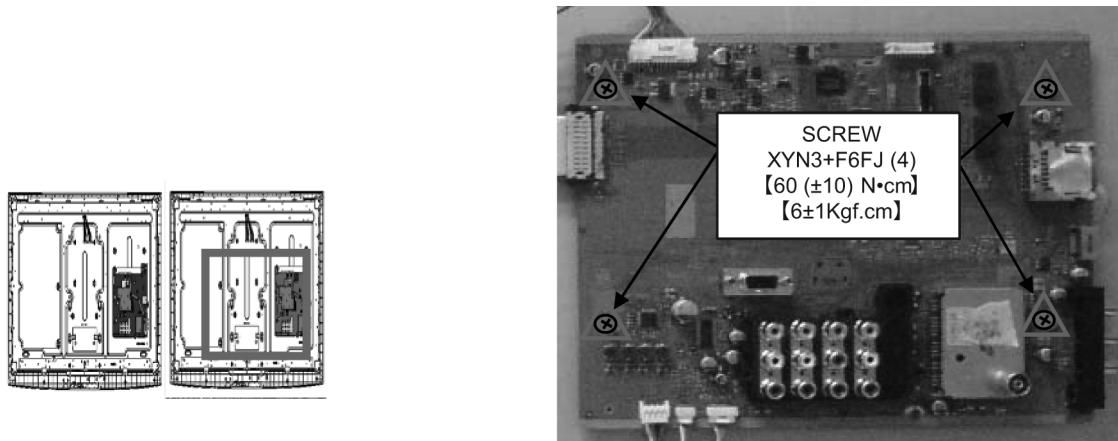


7.13. PCB Installation

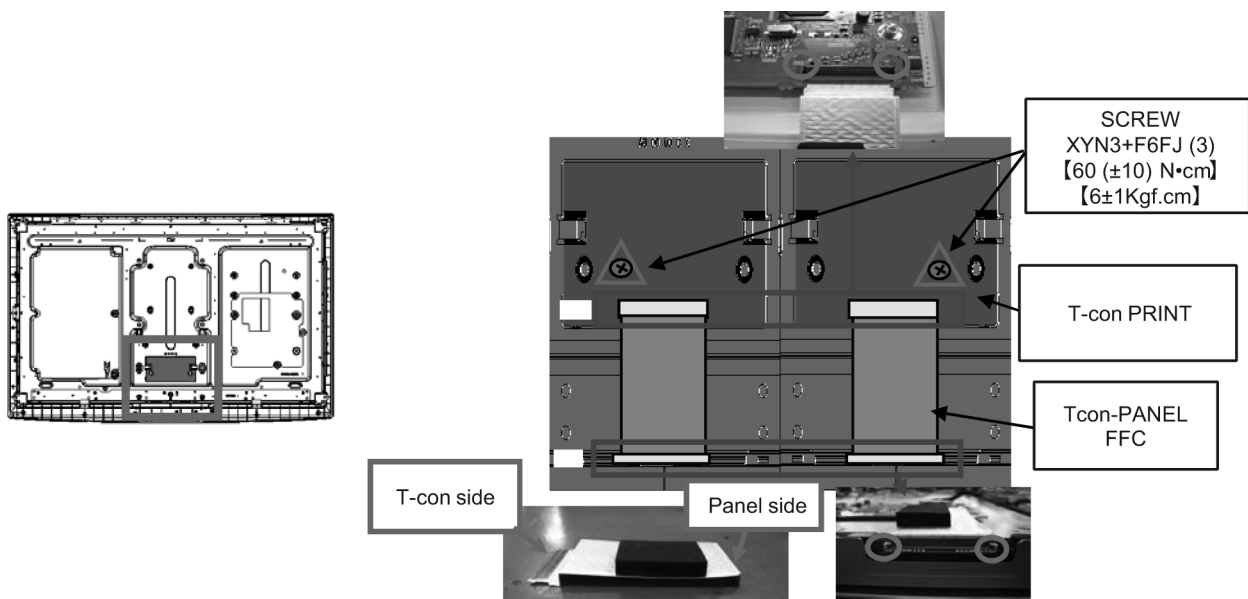
Put DP Print on LCD Panel and screw it. (2 Types and 6 Points)



Put A Print on LCD Panel and screw it. (4 Points)

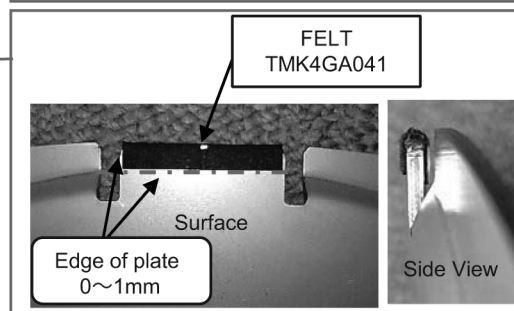
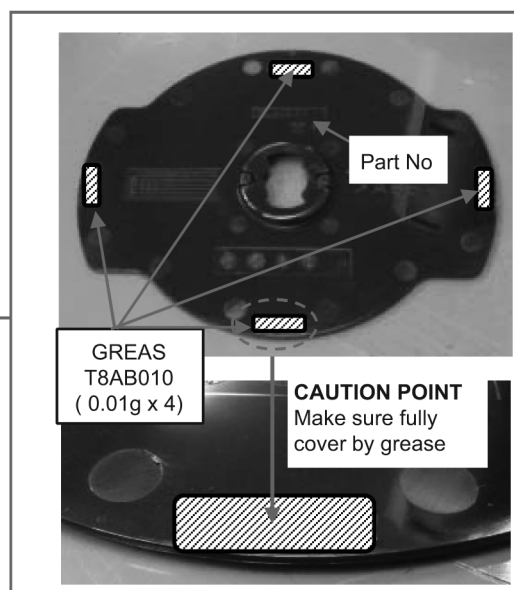
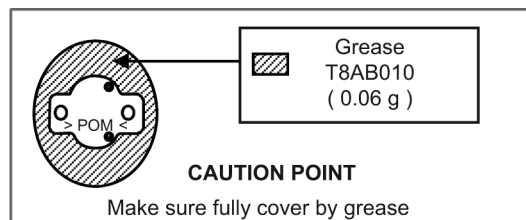
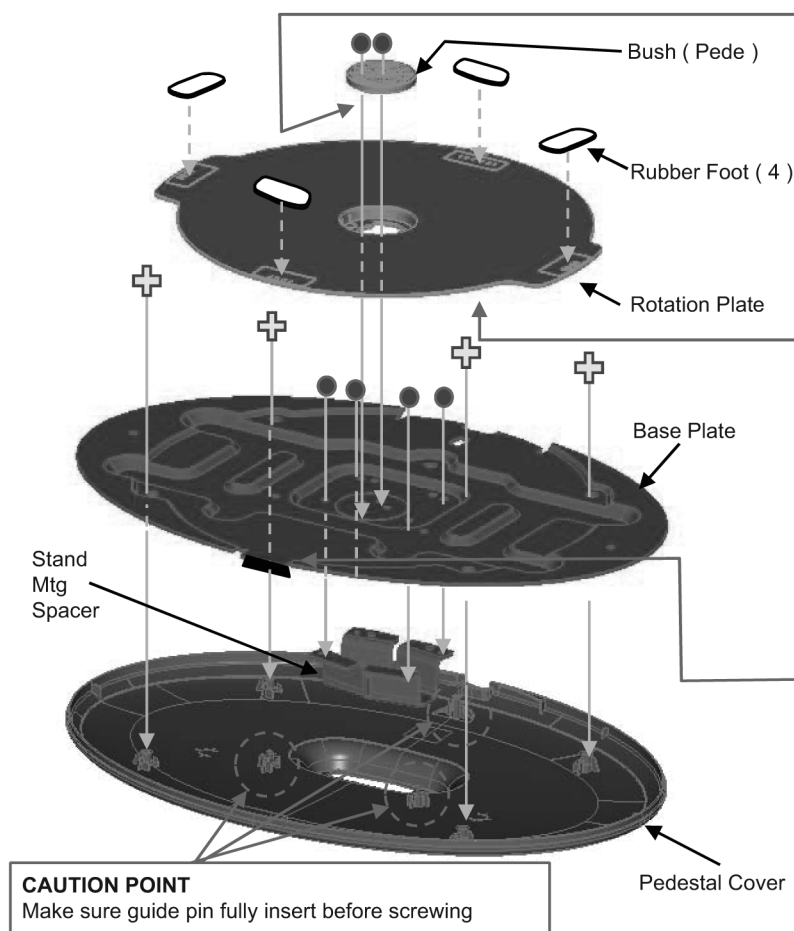


1. Put T-Con Print on LCD Panel and screw it. (2 Points)
2. Insert T-Con Panel FFC into T-Con and LCD Panel connector (① → ②).



7.14. Pedestal Assembly

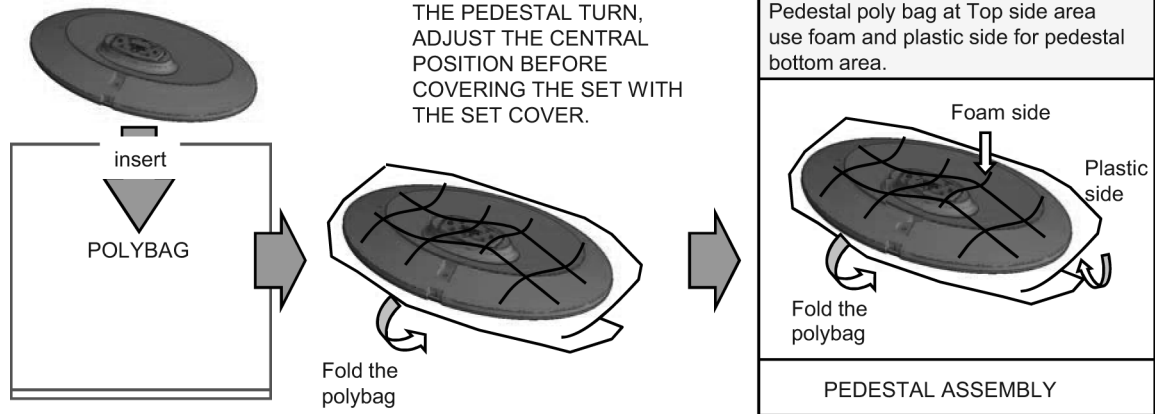
1. Fix stand mtg spacer at pedestal cover.
2. Stick felt at front base plate.
3. Fix base plate at stand mtg and pedestal cover and screw.
4. Stick rubber foot at rotation plate.
5. Apply grease at rotation plate and bush (pede).
6. Fix rotation plate and bush (pede) at base plate and screw.



✚ = SCREW - XTS4+10GFJ (4) 【80±20 N•cm】 (8±2 Kgf.cm)

● = SCREW - XTM4+C10FJK (6) 【130±20 N•cm】 (13±2 Kgf.cm)

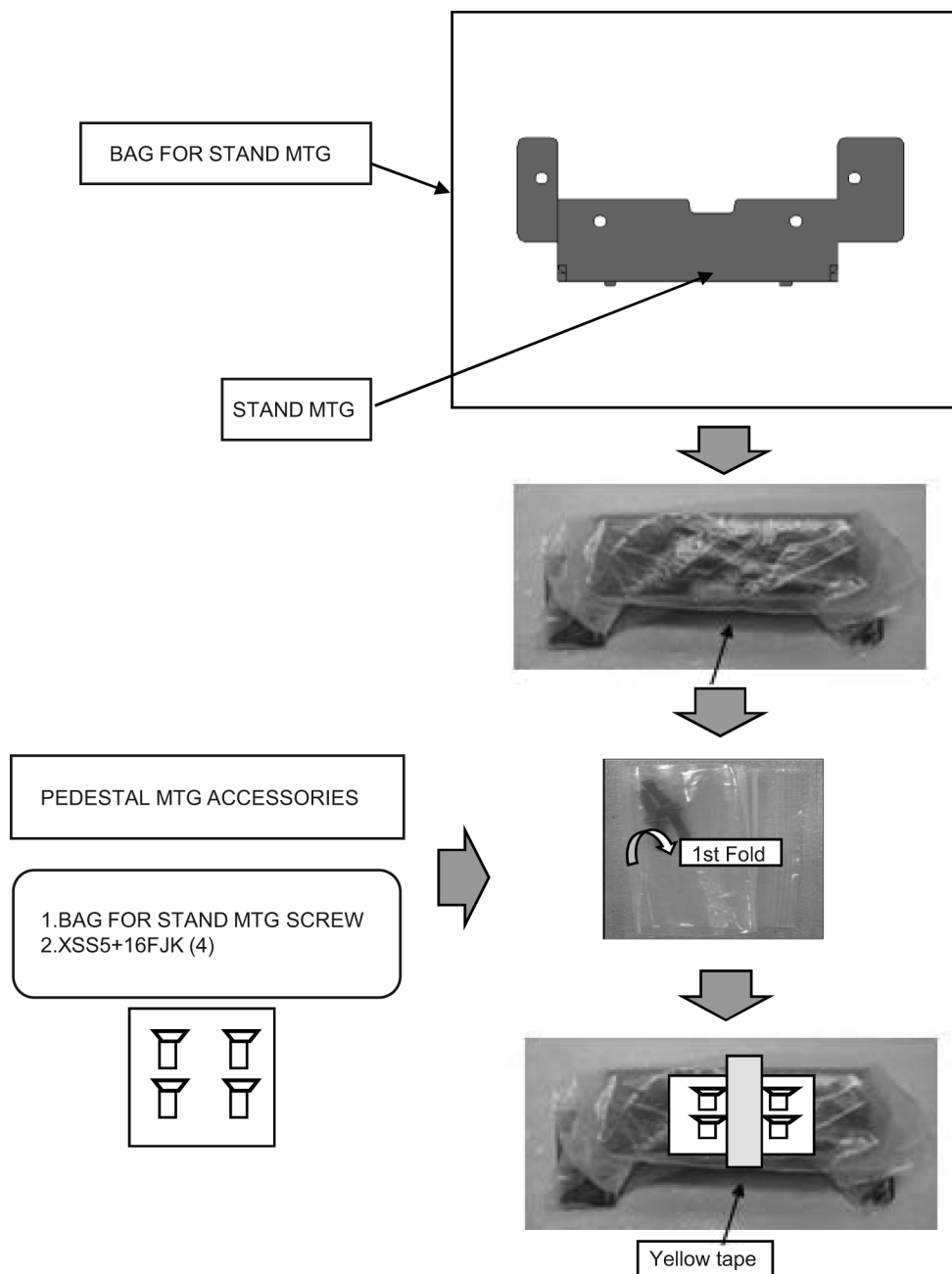
Put Pedestal Assembly into polybag and fold properly



7.15. Stand MTG Assembly

(Refer each part no. to part list)

1. STAND MTG are put in BAG.
2. BAG is wrapped around STAND MTG.
3. SCREW is put in the BAG and use yellow tape to hold screw bag.



8 Measurements and Adjustments

8.1. Voltage chart of A-board

Check voltage as follows at Reception state

VOLTAGE	TEST POINT	SPECIFICATION (Reception state)
STB3.3V	TP4716	$3.3 \pm 0.16 \text{ V}$
SUB5V	TP4724	$5 \pm 0.25 \text{ V}$
SOUND15V	TP2765	$18 \pm 2 \text{ V}$
5VS	TP2768	$6.1 \pm 0.3 \text{ V}$
SUB6V	TP2767	$6.1 \pm 0.3 \text{ V}$

8.2. Voltage chart of DP-board

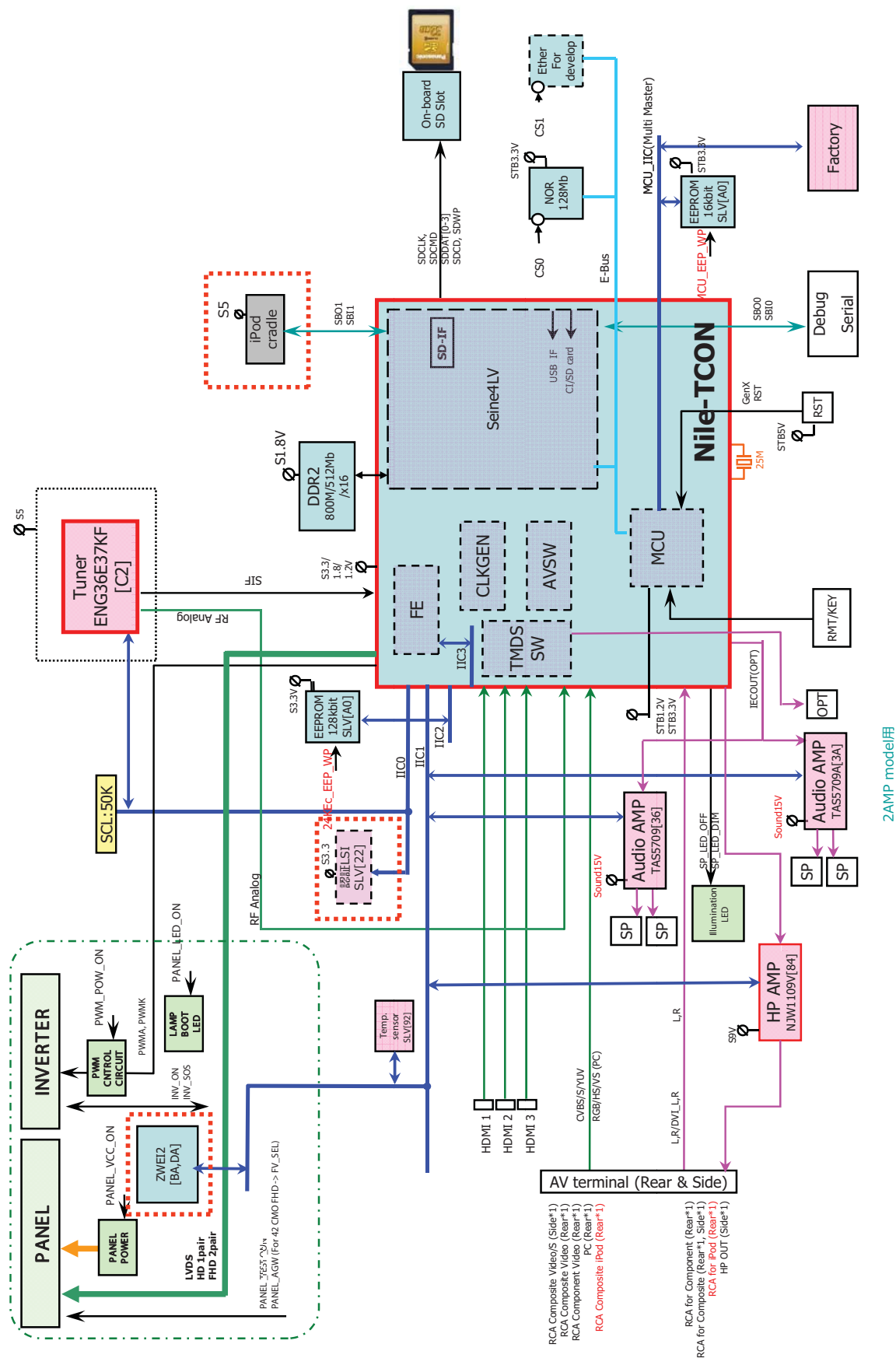
Set DP-Board to a dummy set and check the satisfaction with the specified voltage as following table.

POWER SUPPLY NAME	MEASUREMENT POINT	NORMAL CONDITION (V)	STANBY CONDITION (V)
P44V	TP7507	$44 \pm 2.5 \text{ V}$	NO CARE
17V	TP7506	$18 \pm 2 \text{ V}$	NO CARE
DTV12V	TP7505	$12.2 \pm 0.6 \text{ V}$	NO CARE
TUNER6V	TP7510	$6.1 \pm 0.3 \text{ V}$	$6.1 \pm 0.3 \text{ V}$
DC390V	TP7202	$380 \pm 10 \text{ V}$	NO CARE
LED (ANODE) Vcc	TP7814 & TP7807	$117 \pm 7 \text{ V}$	NO CARE

*HOT

9 Block Diagram

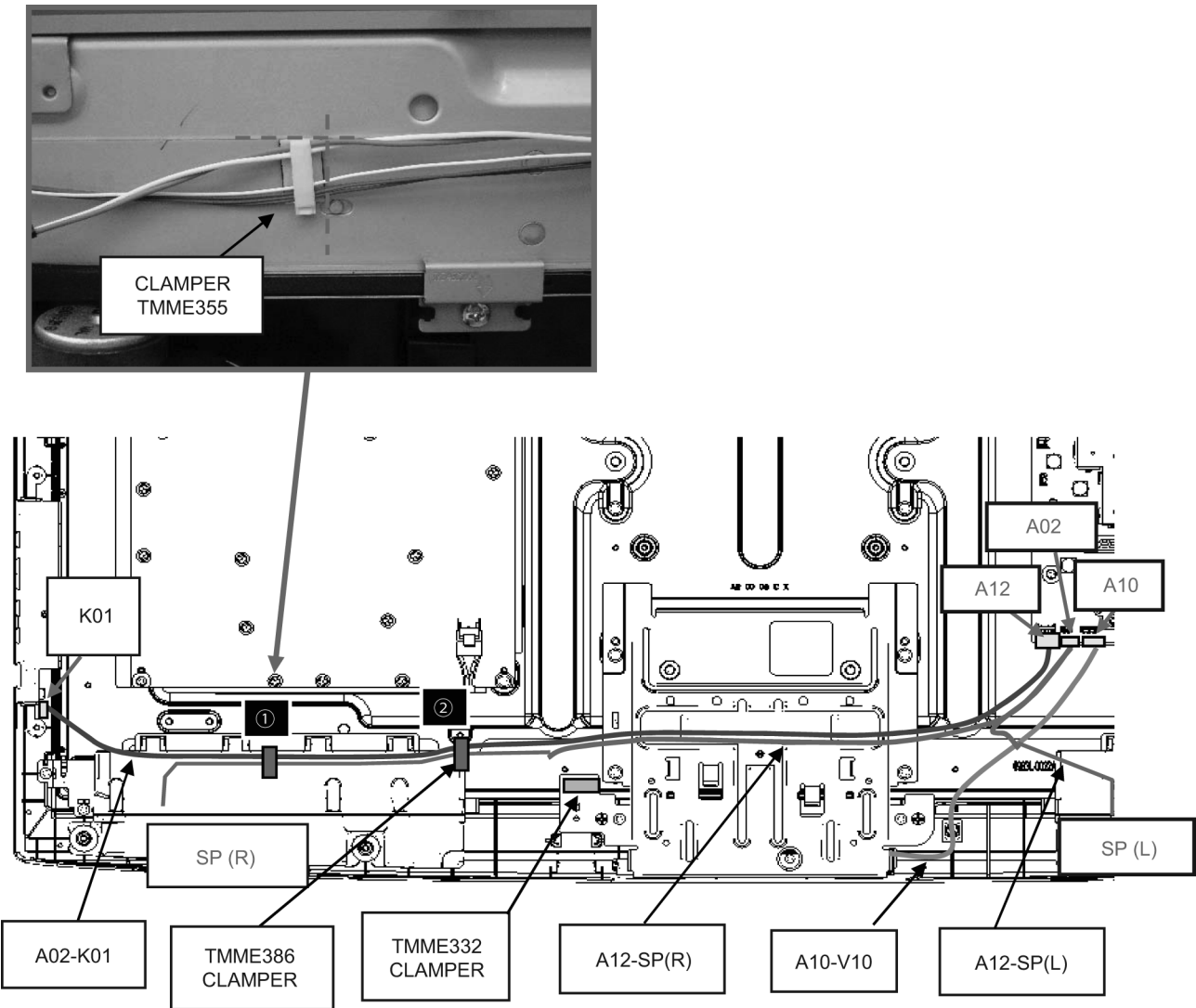
9.1. Main Block Diagram



10 Wiring Connection Diagram

10.1. Wire Dressing 1

- 1. Put CLAMPERS into set.
- 2. Arrange wires as follows.

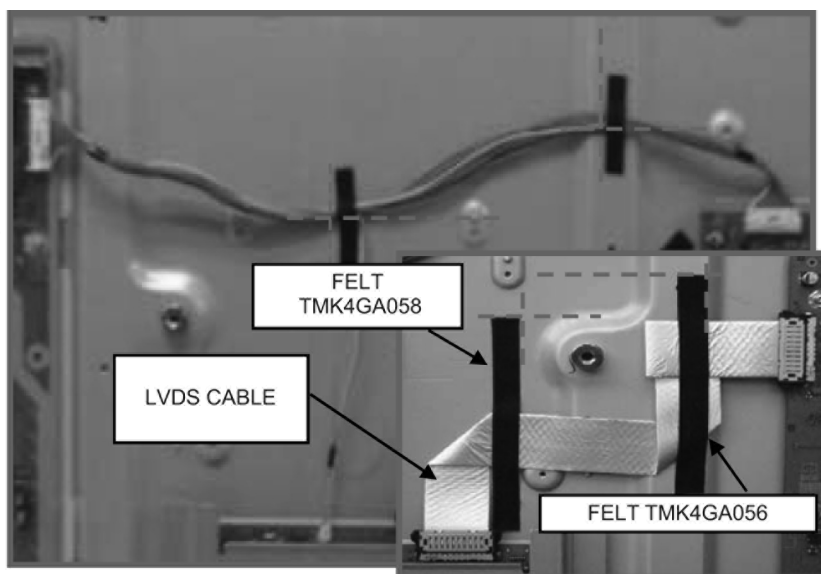
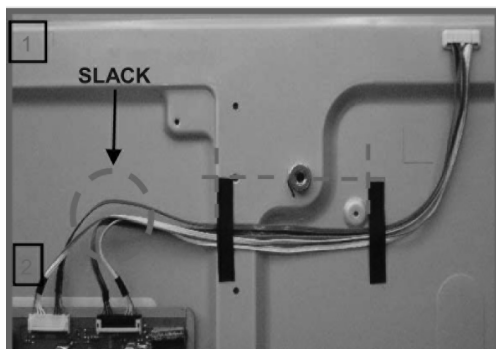


Wire		Clamper	
		1	2
No.1	A02 - K01	●	●
No.2	A10 - V10		
No.3	A12 - SP (L)		
No.4	A12 - SP (R)	●	●

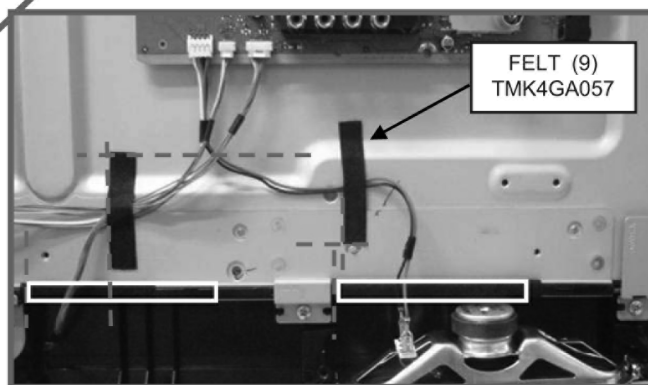
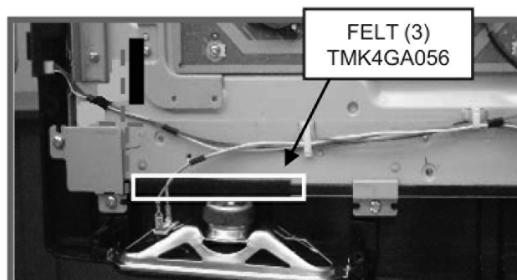
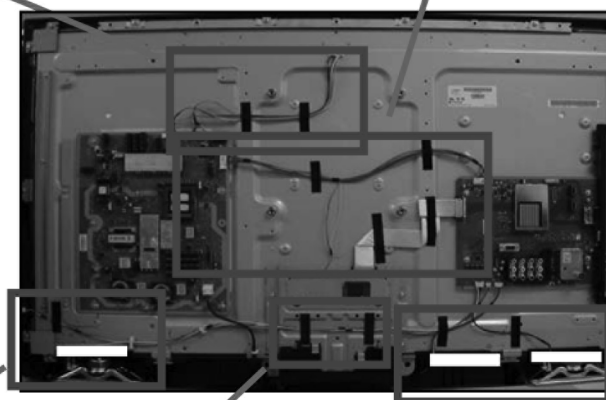
10.2. Wire Dressing 2

Install LVDS Cable & stick felt as follows.

NOTE:
Make sure wire
position must be
center of felt



- CAUTION :
1. During insert connector CN7801 & CN7800, wire dressing must not too tight.
 2. Cannot remove connector by pulling the wire, it will cause damage to connector and wire.
 3. To remove connector CN7801&CN7800 use tweezer to press and push up at connector edge to remove.



11 Schematic Diagram

11.1. Schematic Diagram Notes

Notes:

1. **Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
3. **Coil**
Unit of inductance is H, unless otherwise noted.
4. **Test Point**
 : Test Point position
5. **Earth Symbol**
 : Chassis Earth (Cold)  : Line Earth (Hot)
6. **Voltage Measurement**
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:

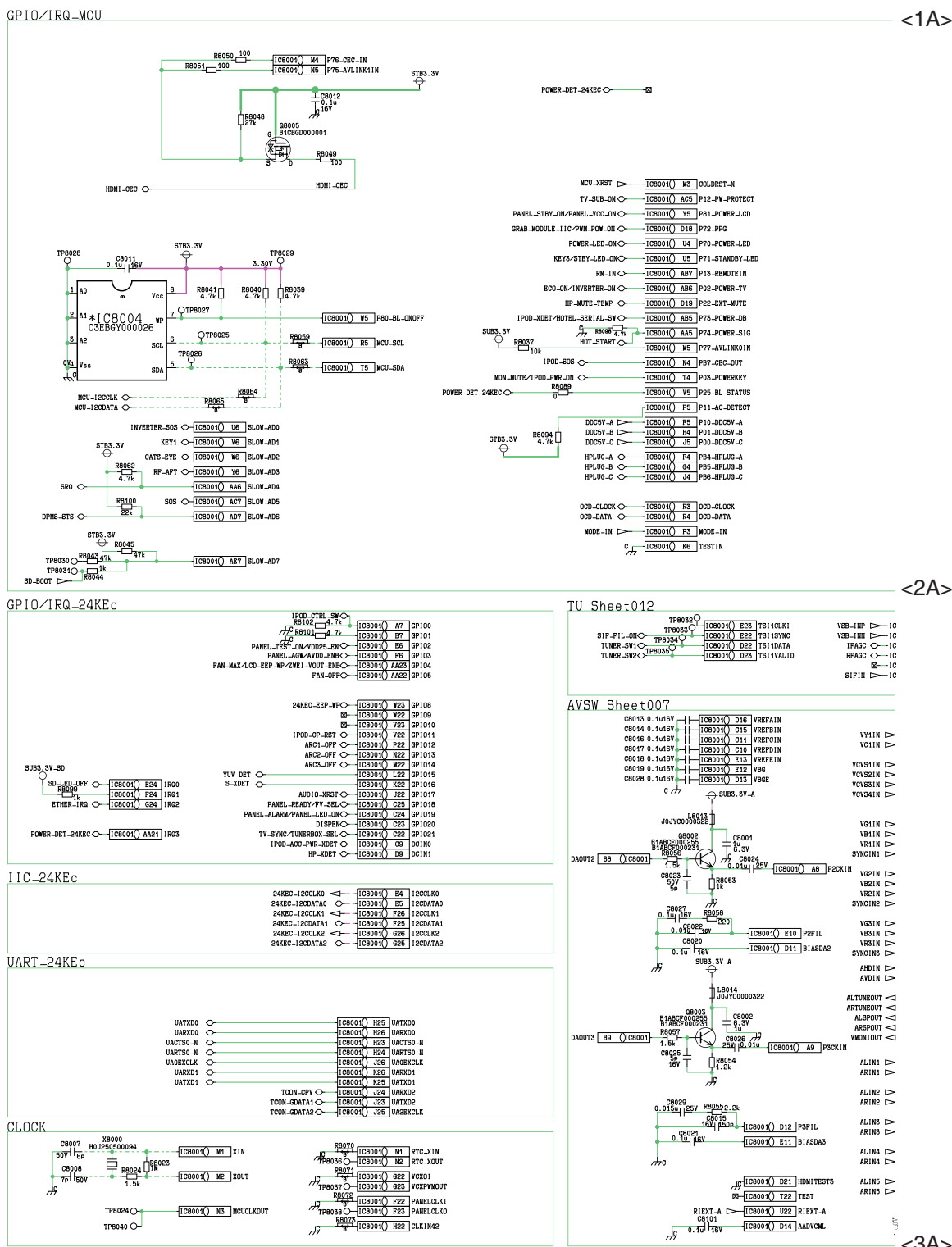
Power Source	AC110-127V, 60Hz
Receiving Signal	Colour Bar signal (RF)
All customer's controls	Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video ➡ Audio ⇌
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

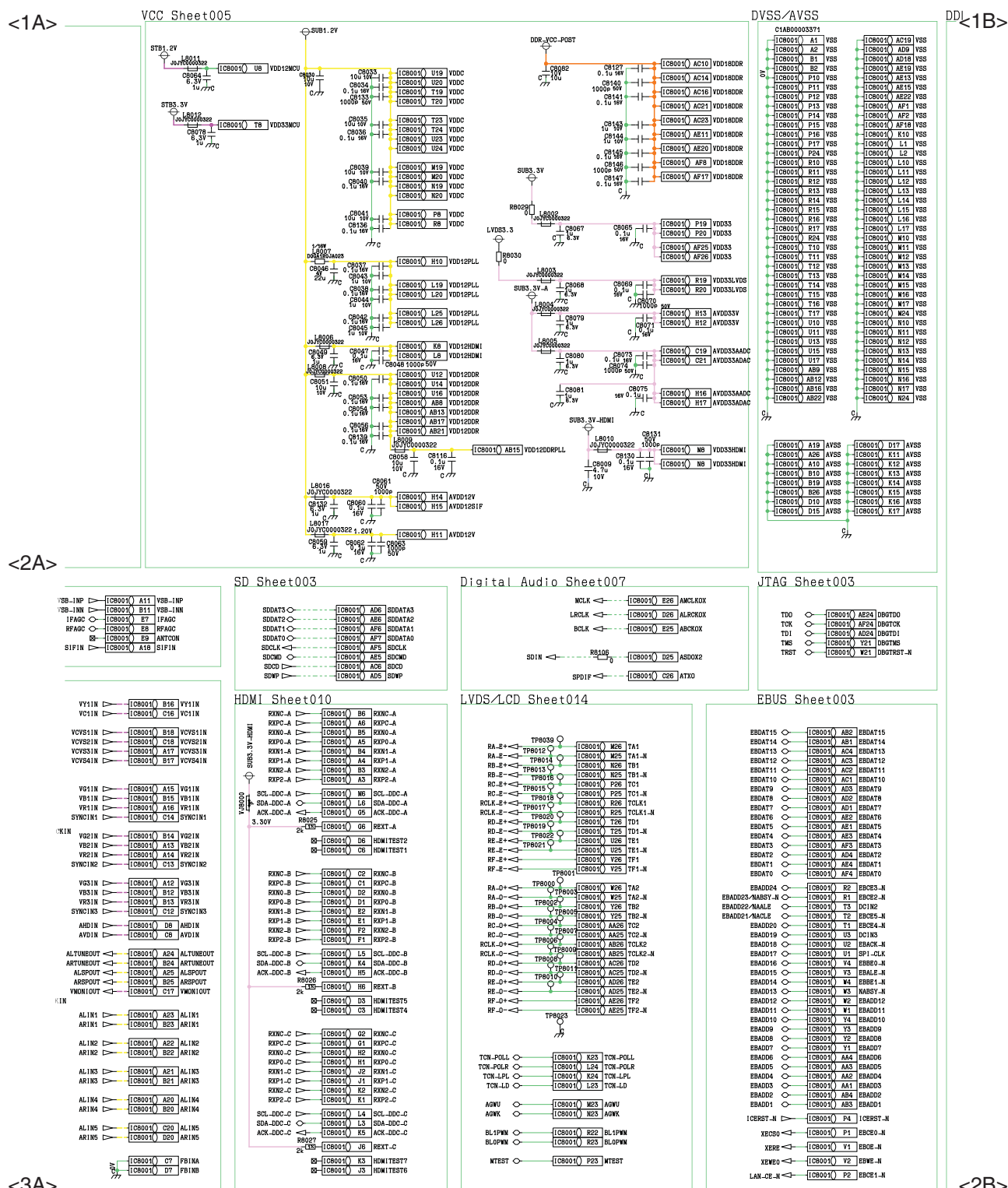
Remarks:

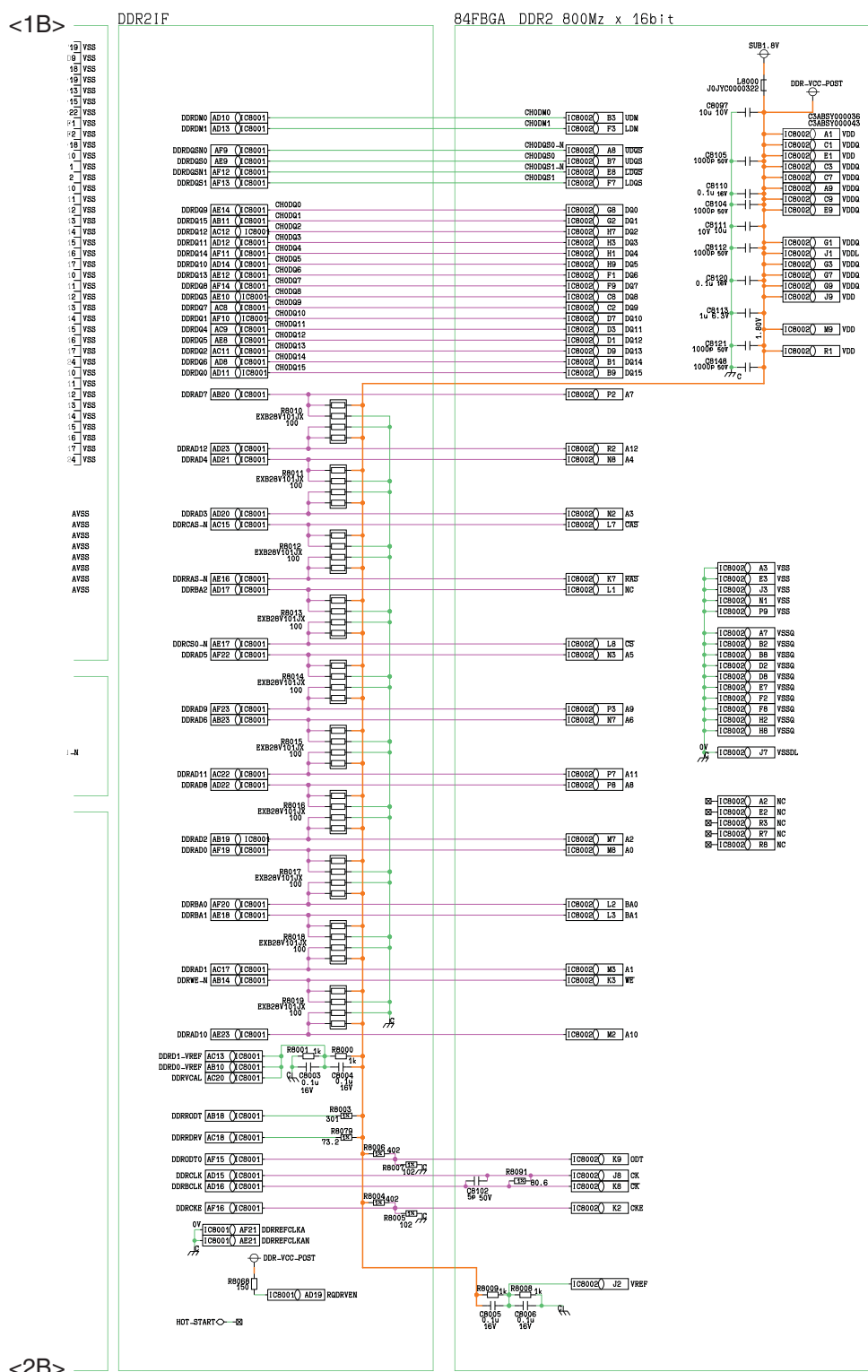
1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.
All circuits, except the Power Circuit, are cold.
Precautions
 - a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
 - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - d. Make sure to disconnect the power plug before removing the chassis.

11.2. A Board

11.2.1. A Board - Sheet : 002 (1 / 3)

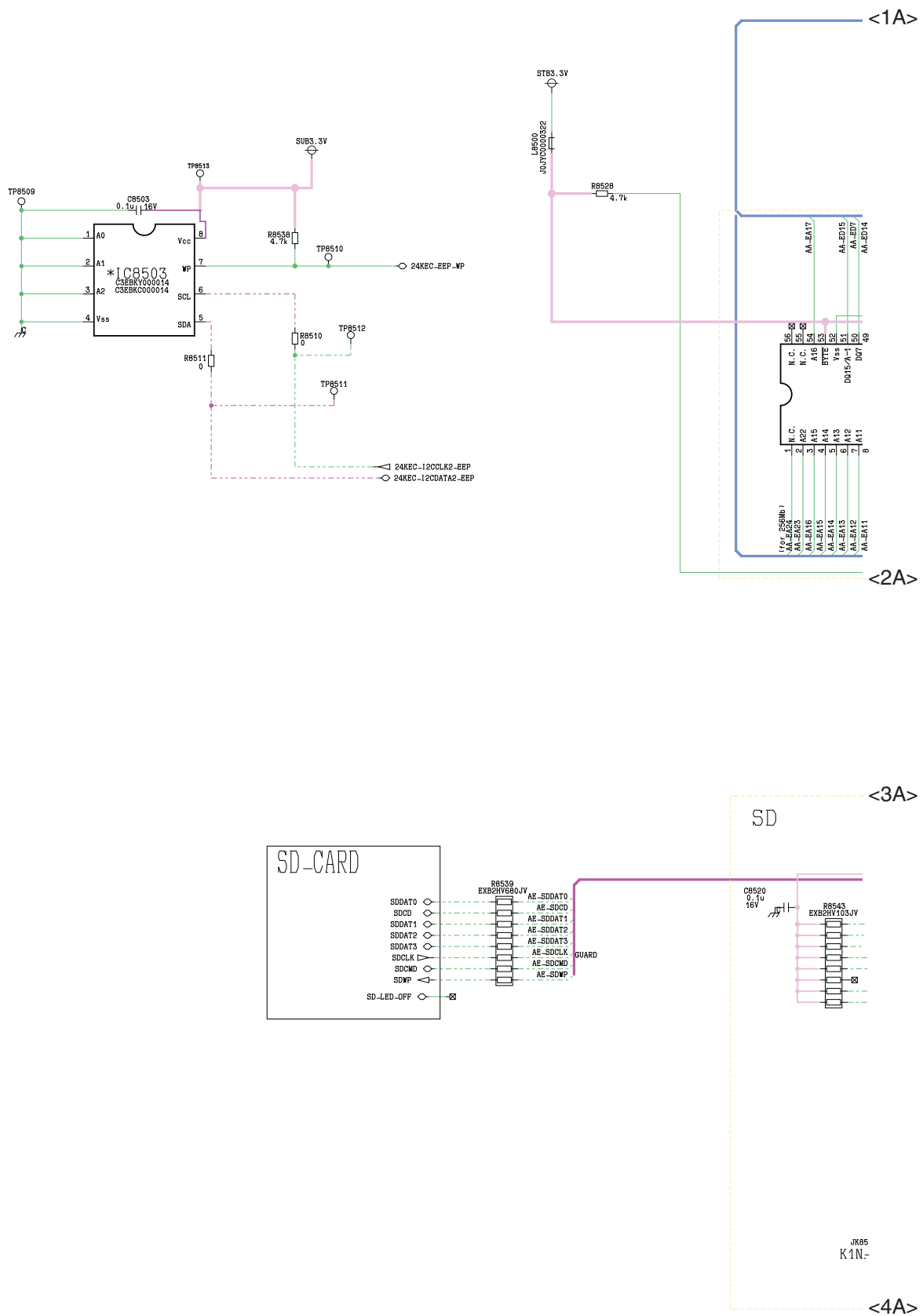






SHEET 002

11.2.4. A Board - Sheet : 003 (1 / 3)

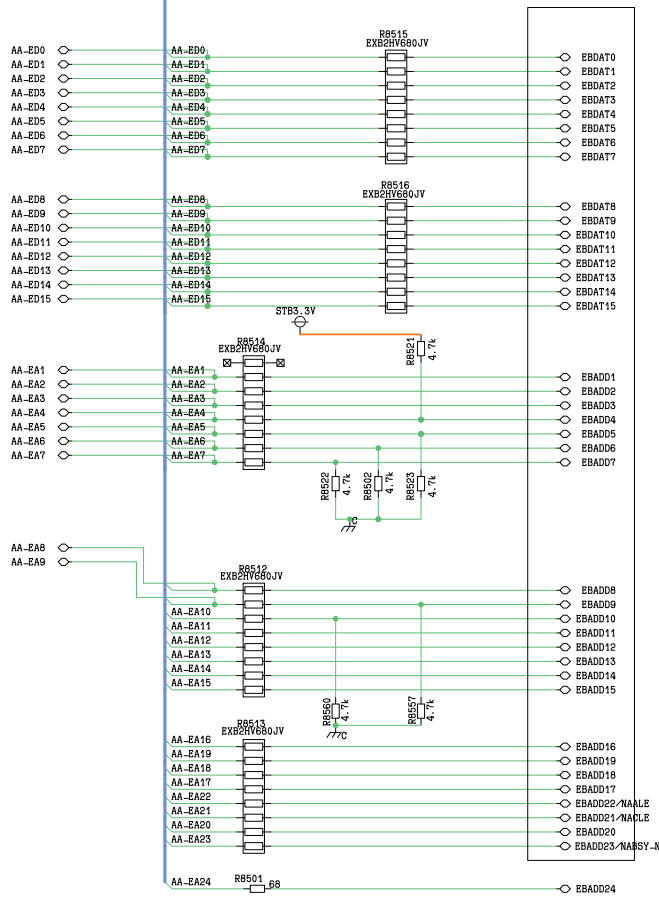




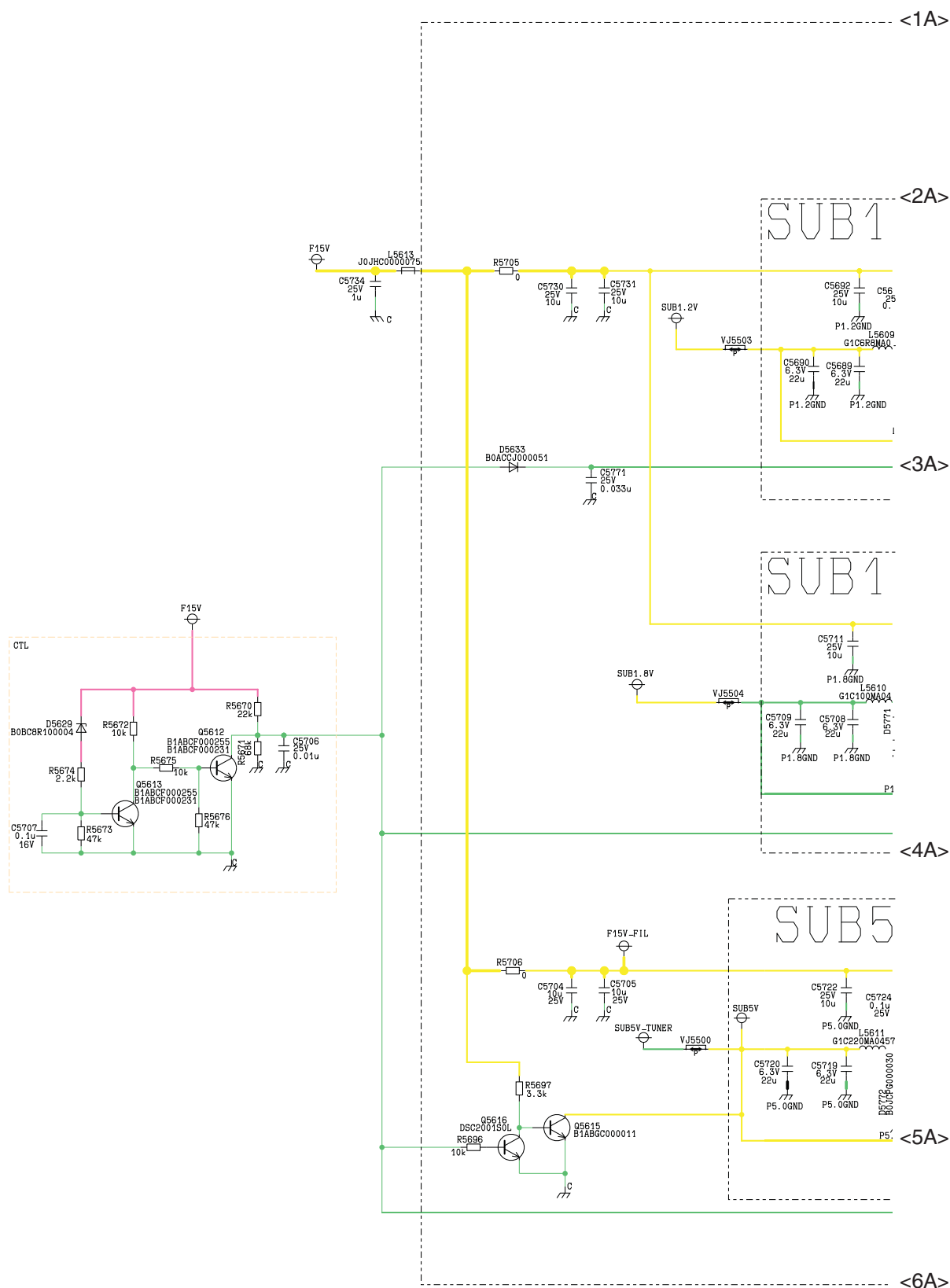
11.2.6. A Board - Sheet : 003 (3 / 3)

SHEET 003

<1B>



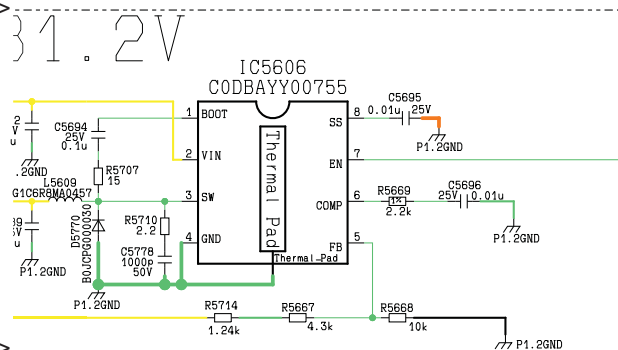
11.2.7. A Board - Sheet : 005 (1 / 3)



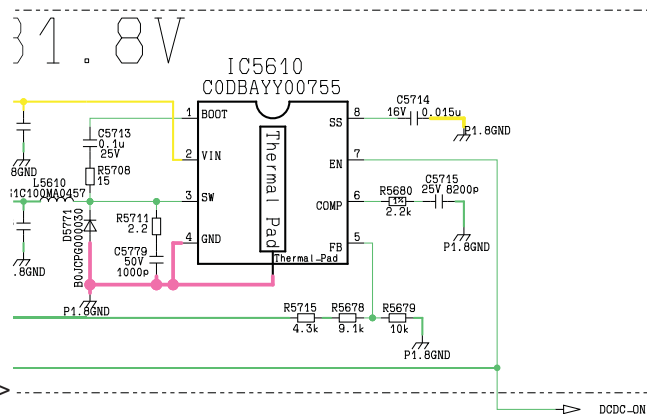
11.2.8. A Board - Sheet : 005 (2 / 3)

<1A>

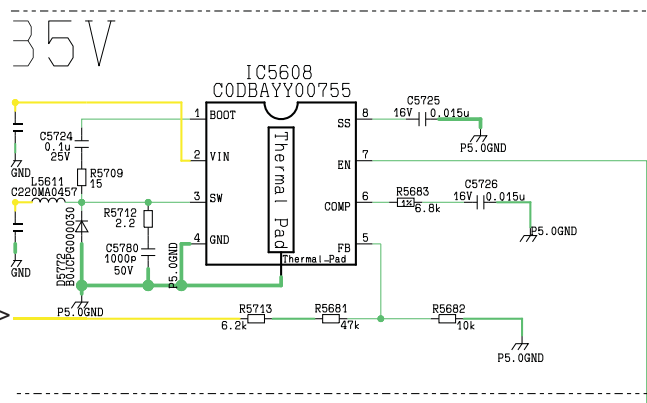
<2A>



<3A>



<4A>



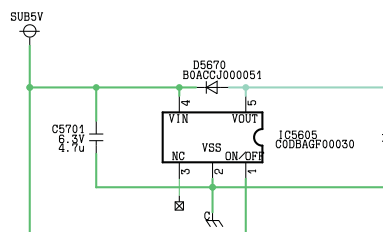
<5A>

<6A>



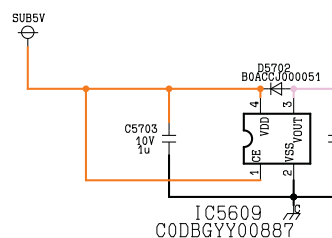
<1B>

SUB3.3V



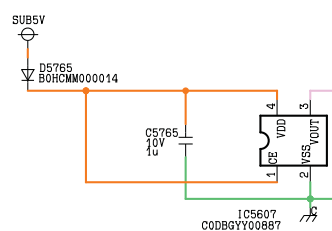
<2B>

SUB3.3V-A



<3B>

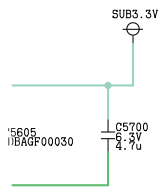
SUB3.3V-HDMI



<4B>

11.2.9. A Board - Sheet : 005 (3 / 3)

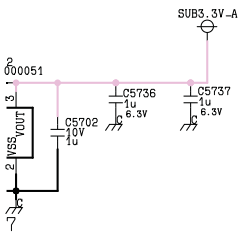
<1B>



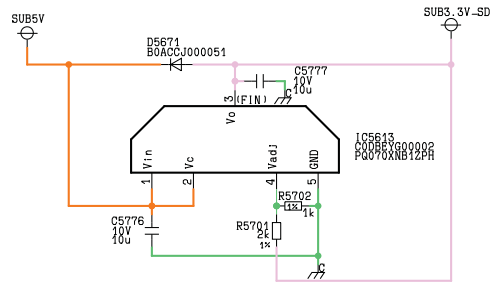
SHEET 005

<2B>

1

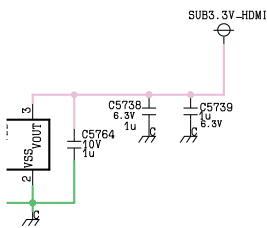


SUB3.3V-SD



<3B>

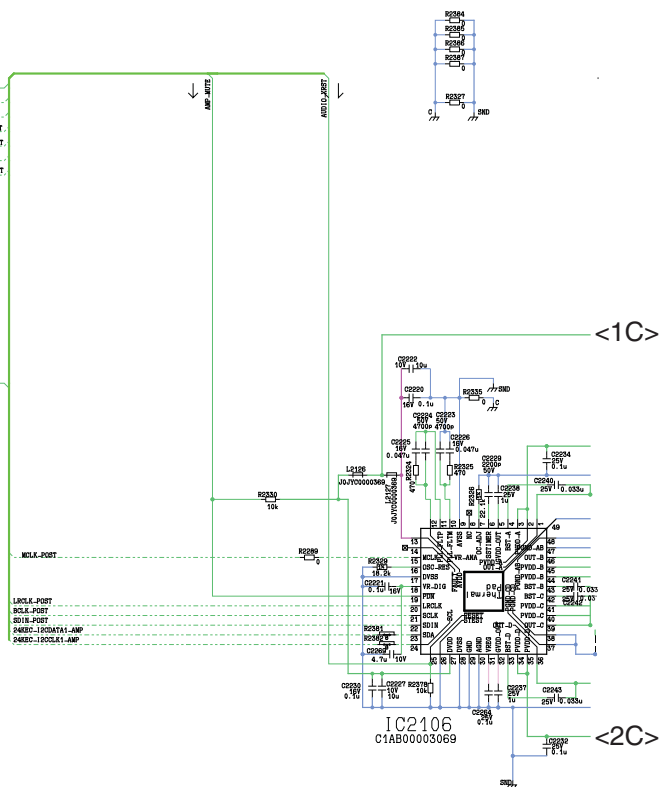
1 I



<4B>

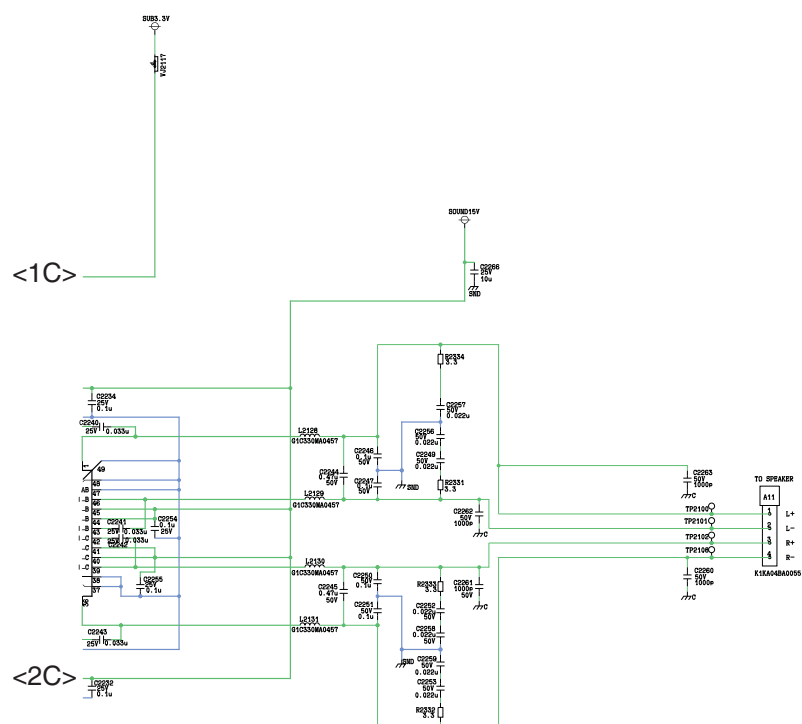




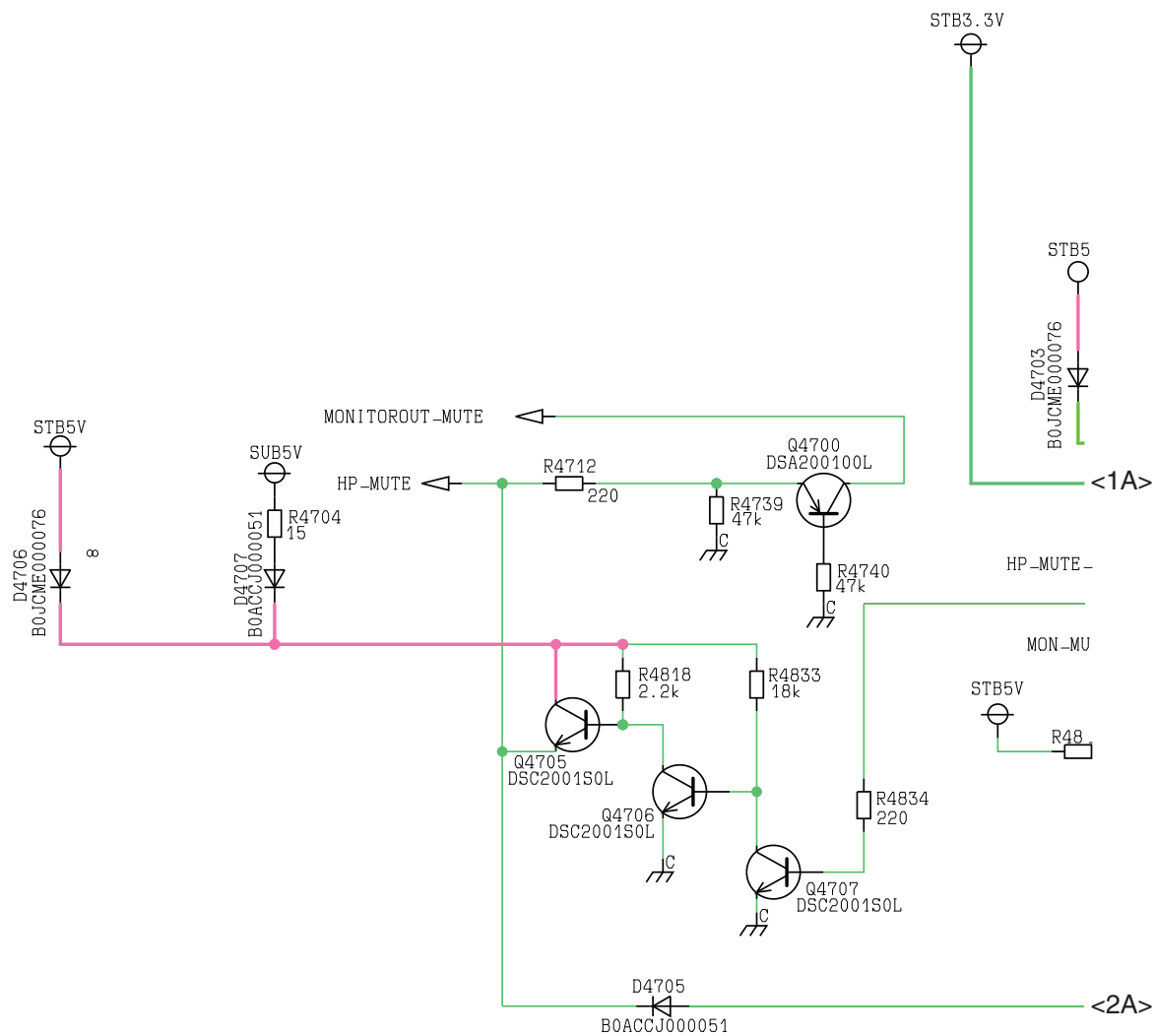


11.2.13. A Board - Sheet : 007 (4 / 4)

SHEET 007



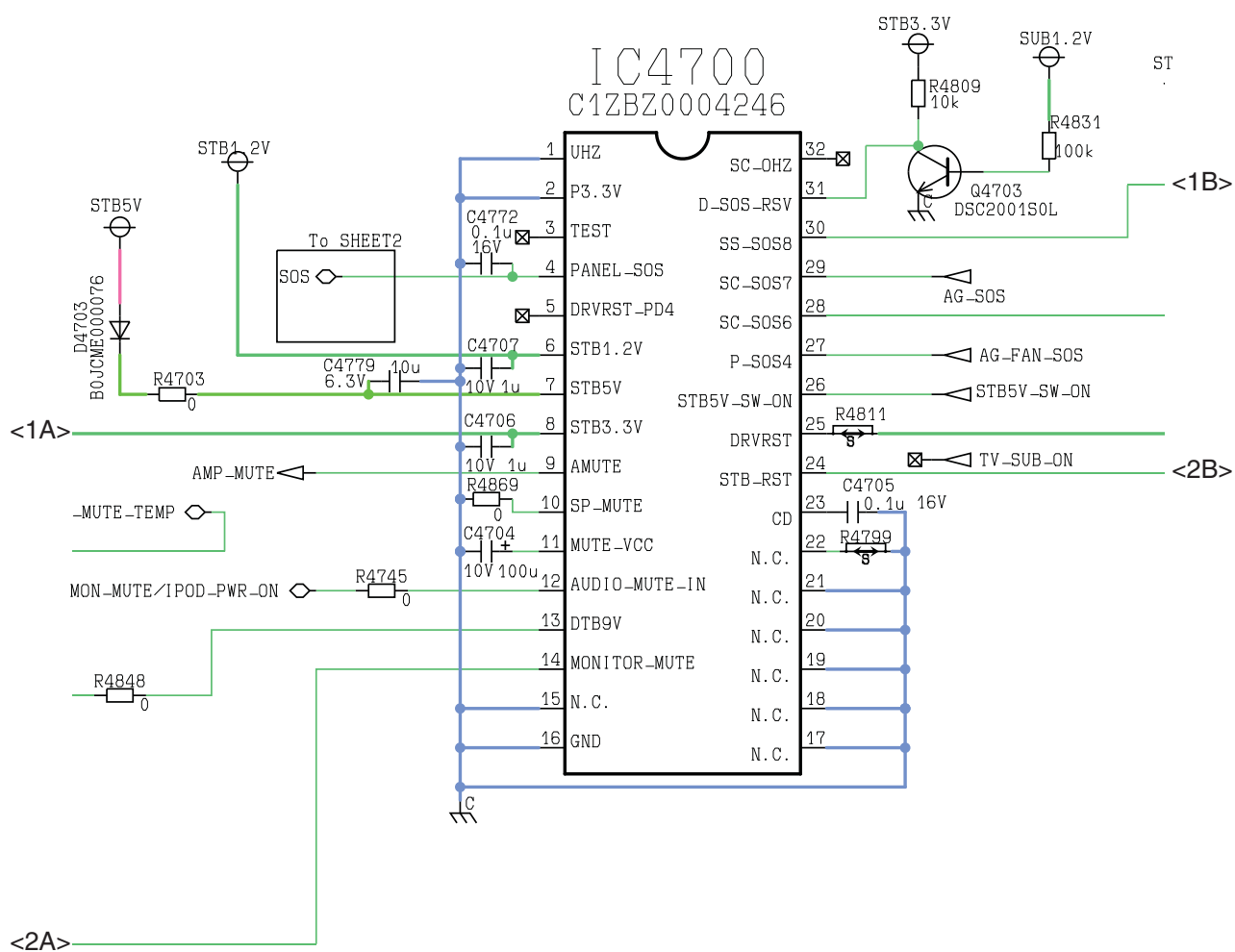
11.2.14. A Board - Sheet : 009 (1 / 3)



11.2.15. A Board - Sheet : 009 (2 / 3)

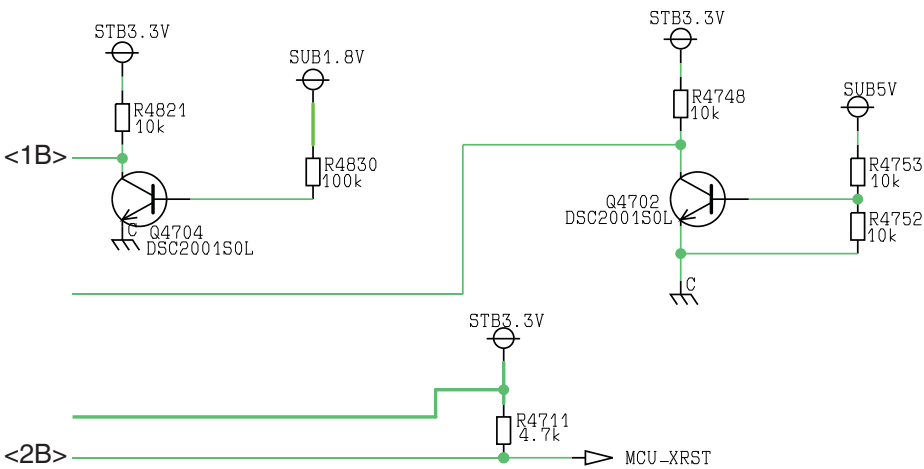
SOS

- 1 RSV :3.2V-SUB1.2V
- 2 SOSB:0.7V-SUB1.8V
- 3 SOS7:1.4V-POWER (SUB6V/SUB15V)
- 4 SOS6:1.9V-SUB5V
- 5 SOS4:2.6V-FAN

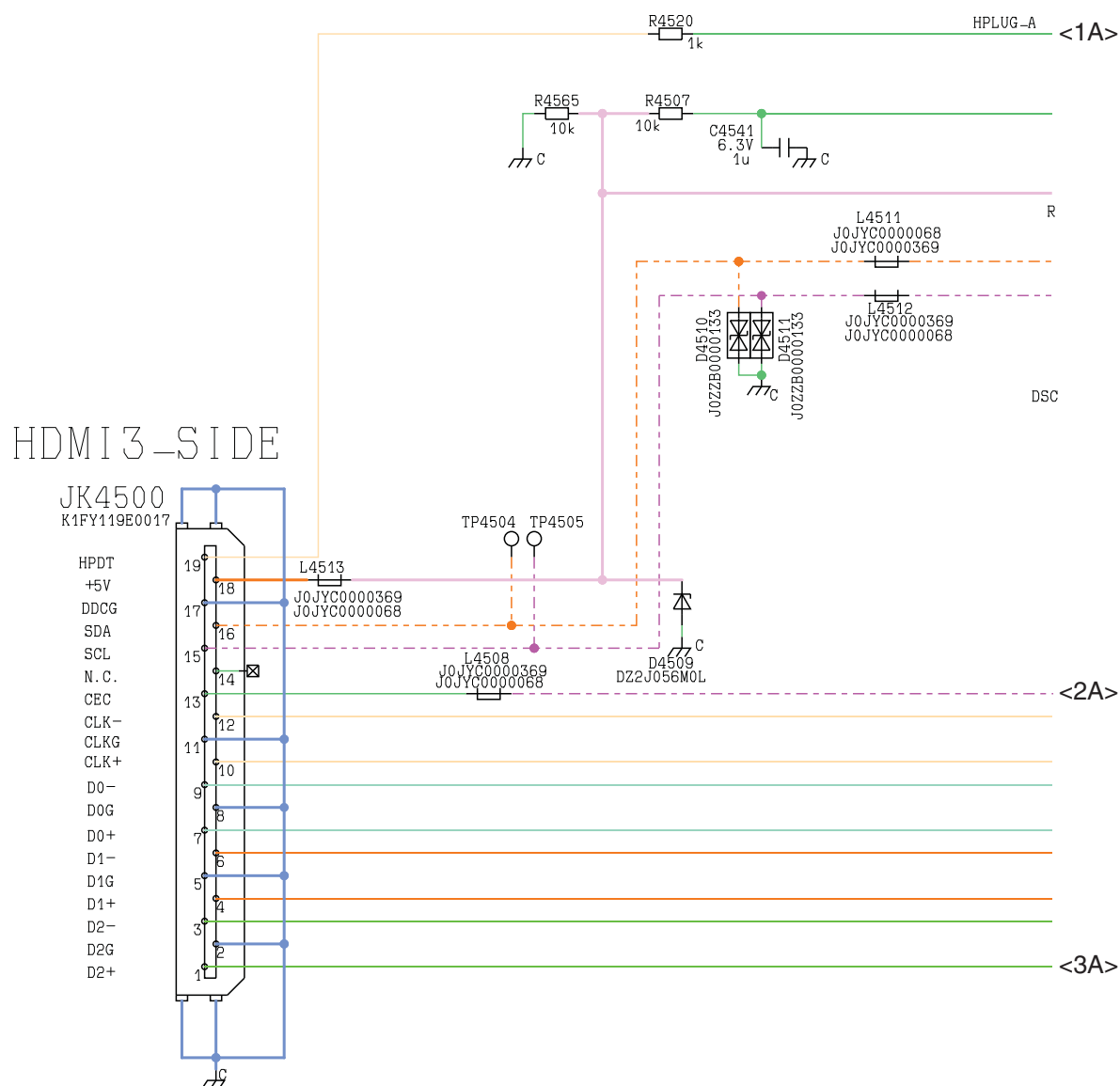


11.2.16. A Board - Sheet : 009 (3 / 3)

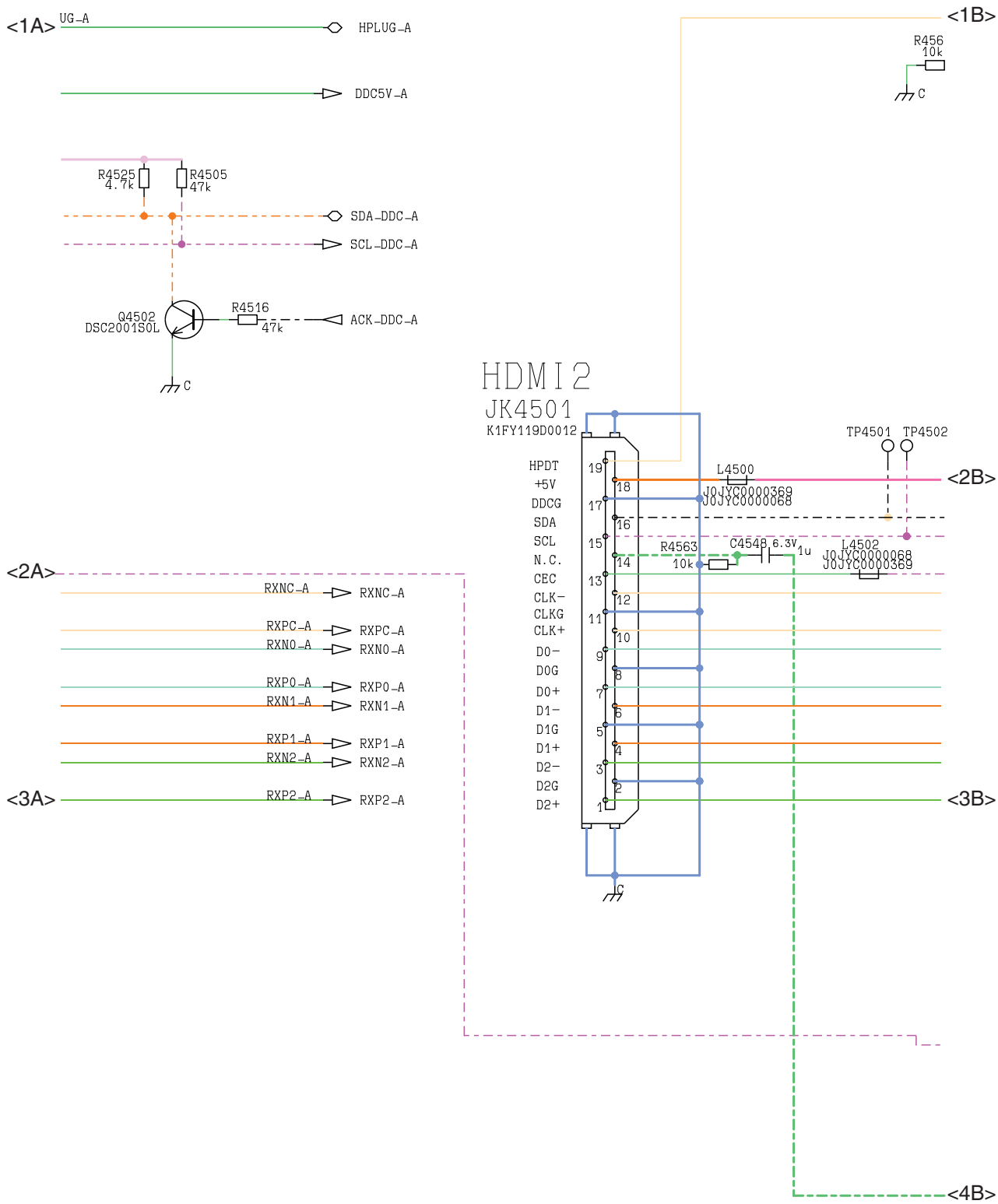
Sheet No. 009



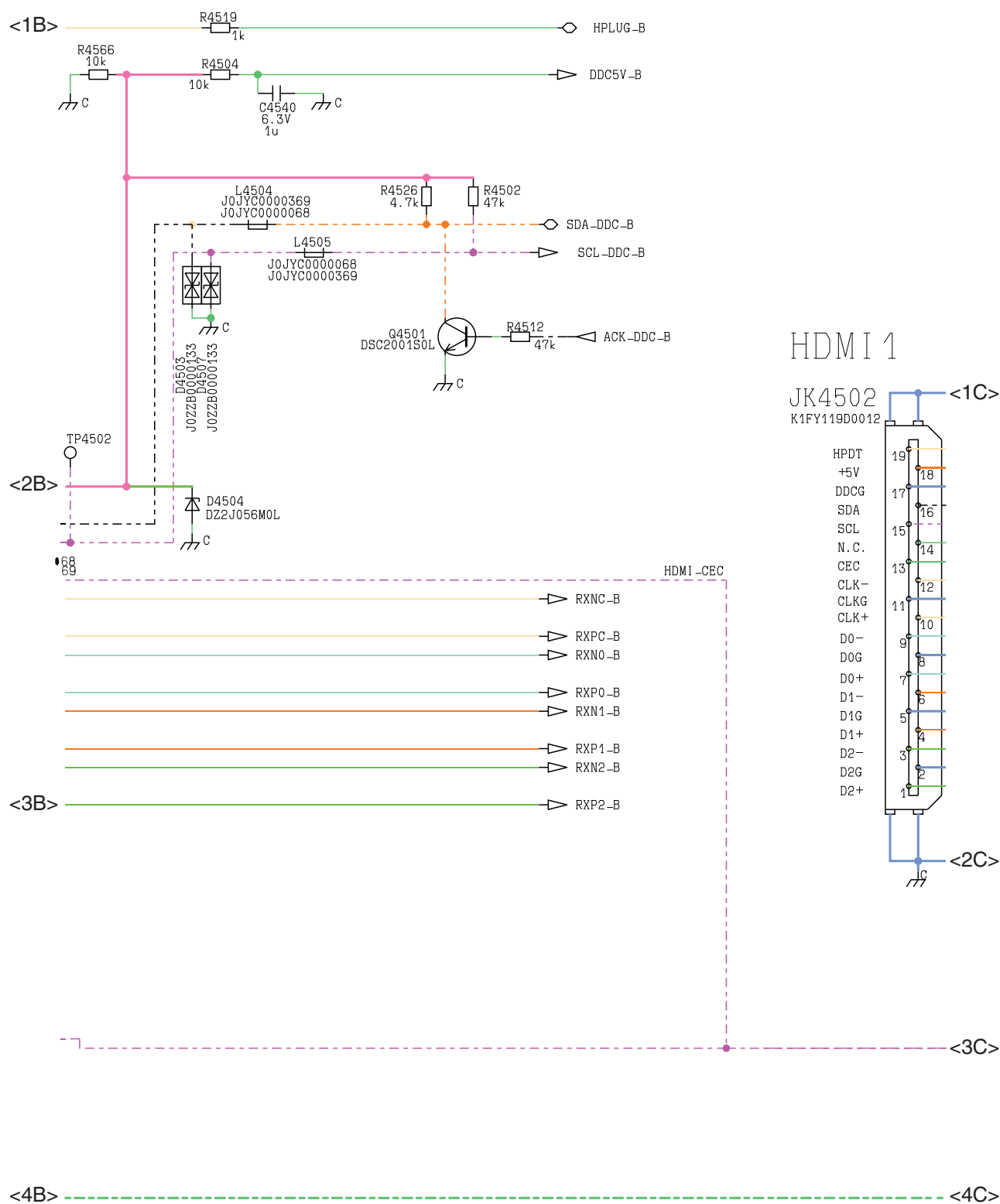
11.2.17. A Board - Sheet : 010 (1 / 5)



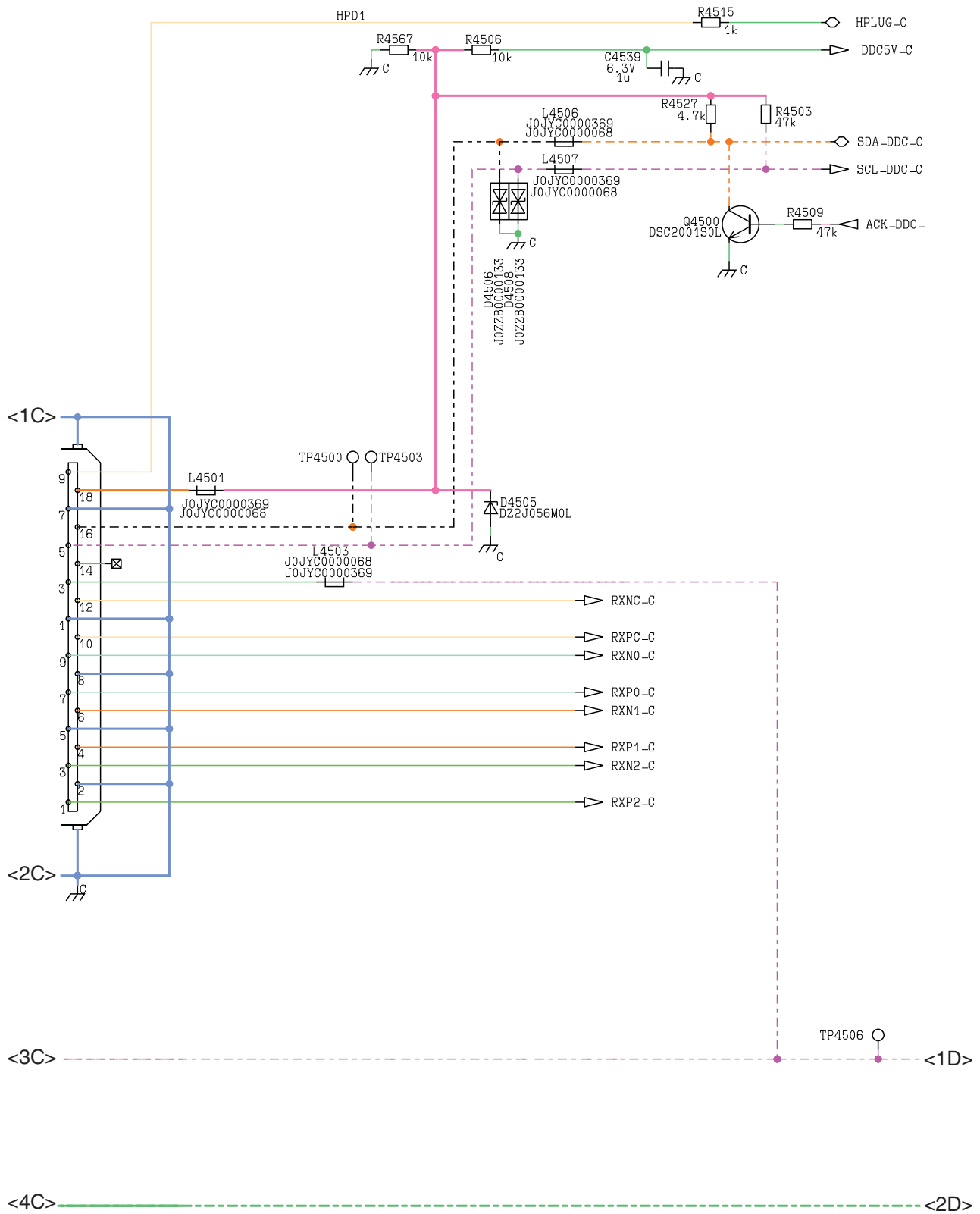
11.2.18. A Board - Sheet : 010 (2 / 5)



11.2.19. A Board - Sheet : 010 (3 / 5)



11.2.20. A Board - Sheet : 010 (4 / 5)



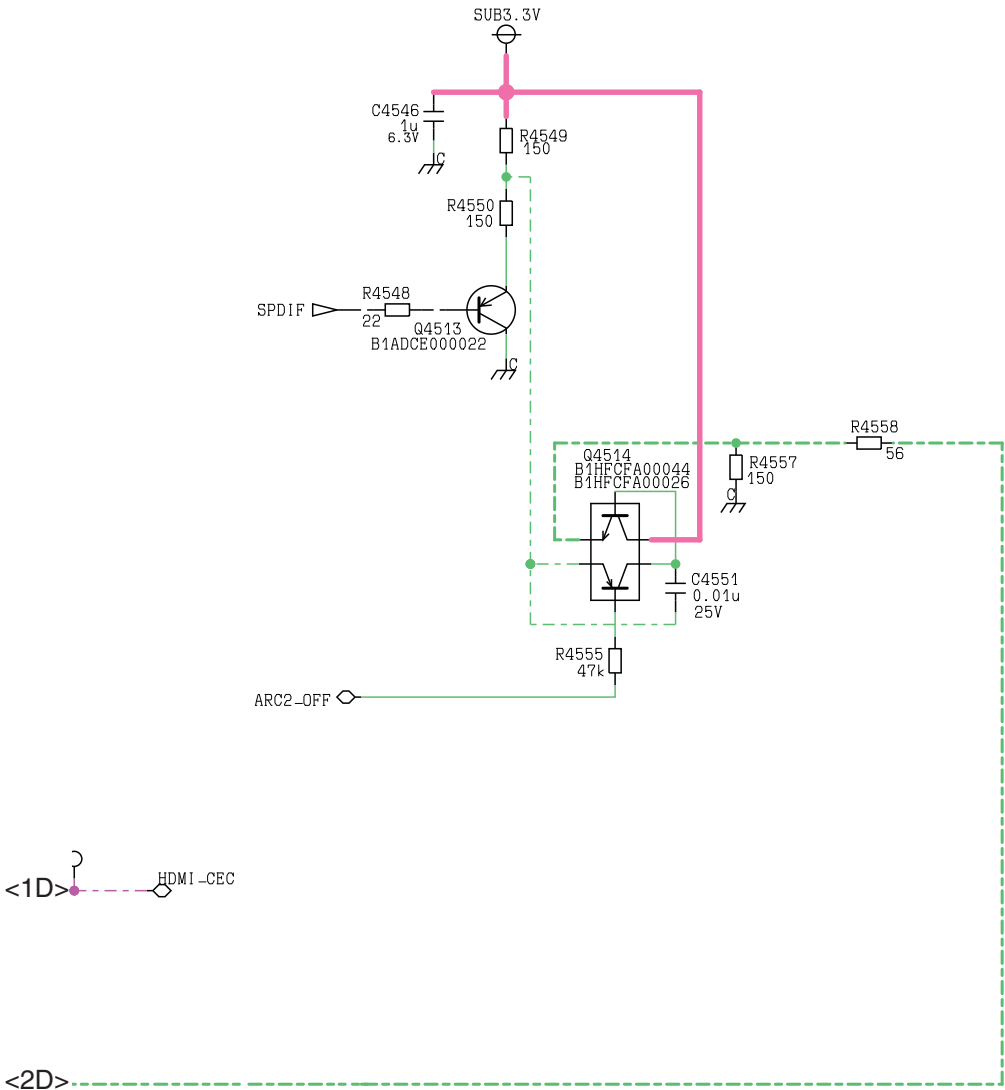
11.2.21. A Board - Sheet : 010 (5 / 5)

UG_C
C5V_C

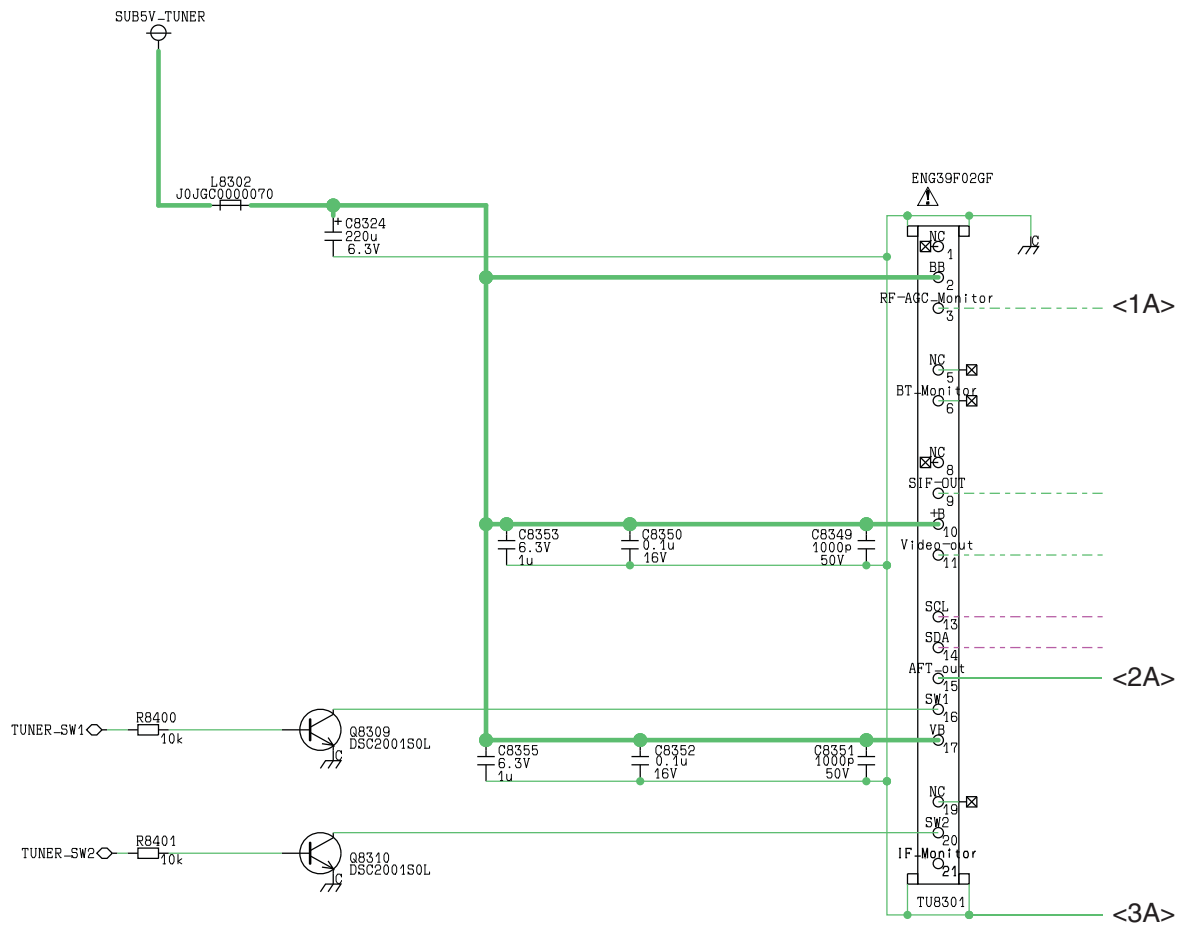
A-DDC_C
I,-DDC_C

CK-DDC_C

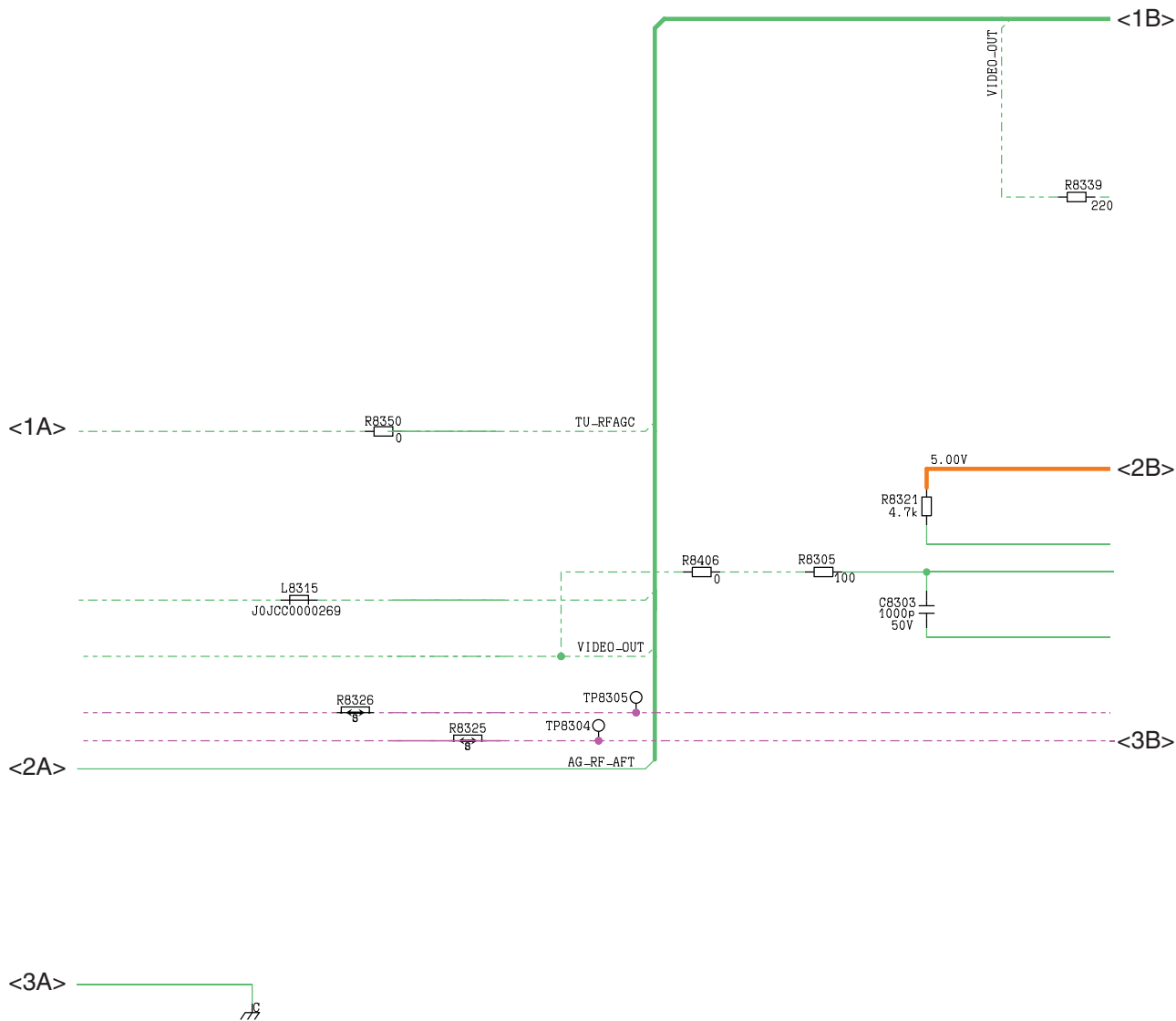
SHEET No. 010



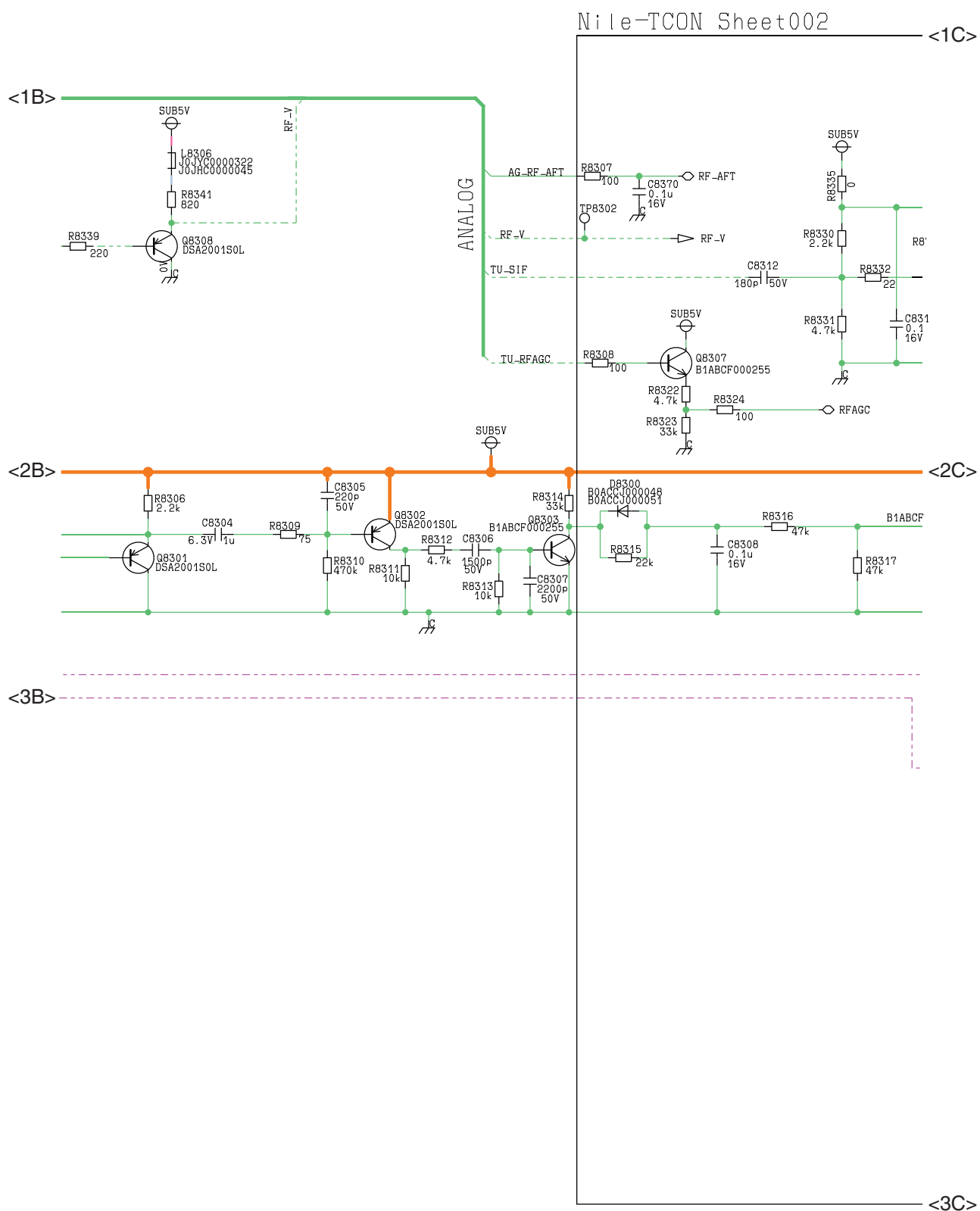
11.2.22. A Board - Sheet : 012 (1 / 4)



11.2.23. A Board - Sheet : 012 (2 / 4)

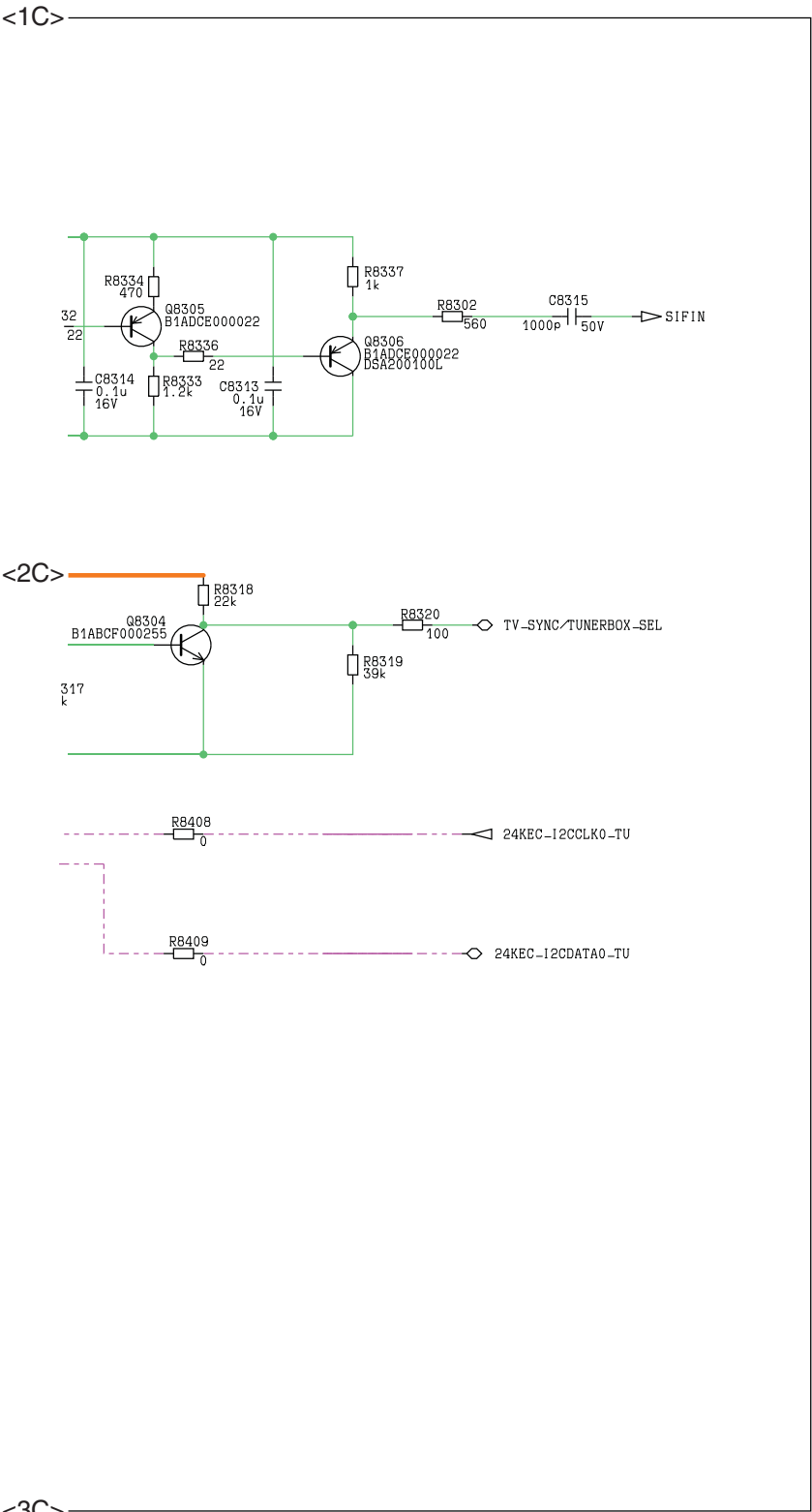


11.2.24. A Board - Sheet : 012 (3 / 4)



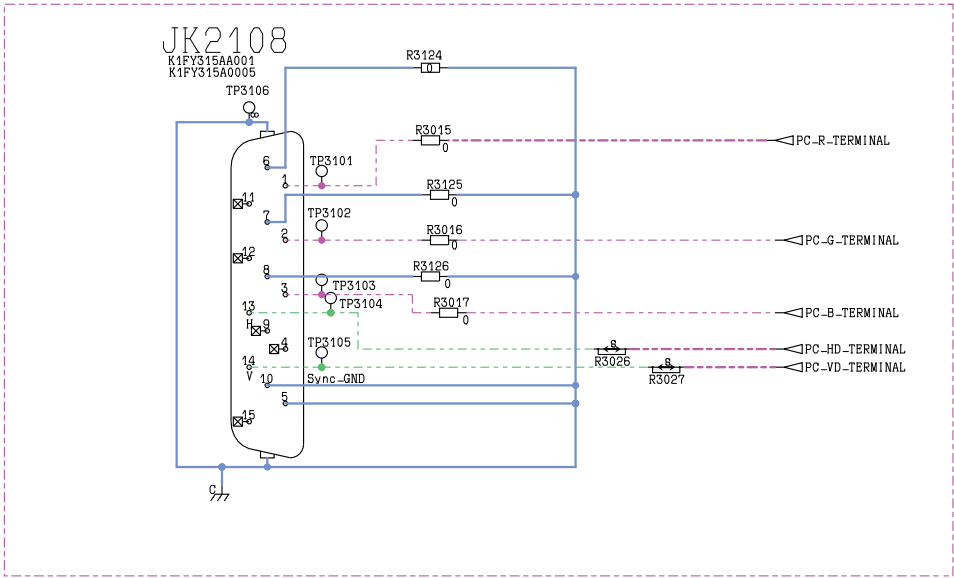
11.2.25. A Board - Sheet : 012 (4 / 4)

SHEET 012

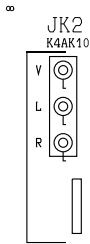


11.2.26. A Board - Sheet : 015 (1 / 2)

PC MODEL



<1A>
ASIA



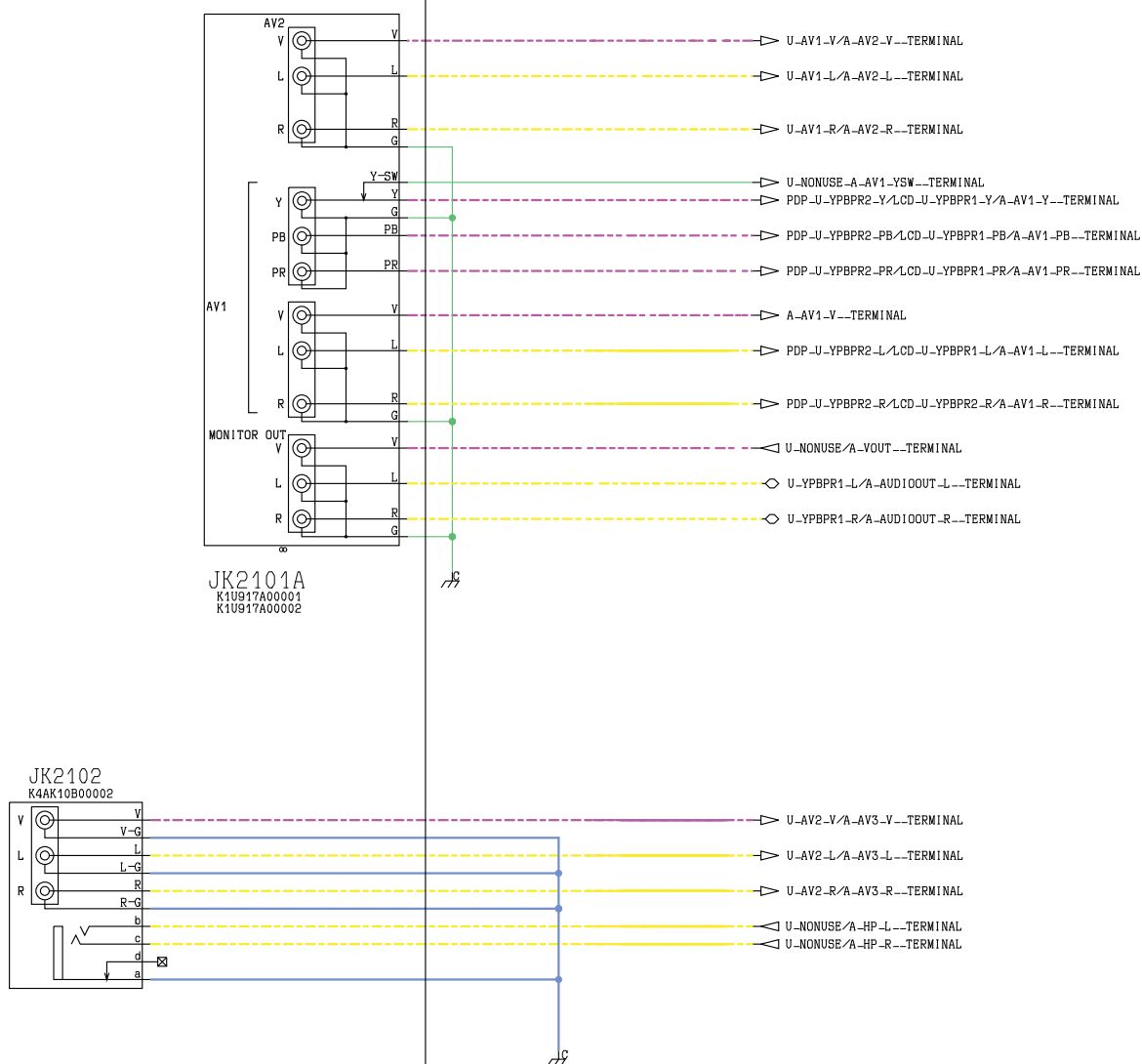
<2A>

11.2.27. A Board - Sheet : 015 (2 / 2)

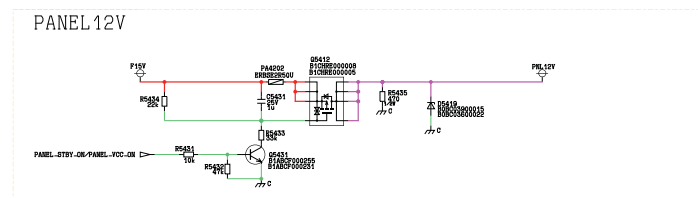
<1A>

3IA model

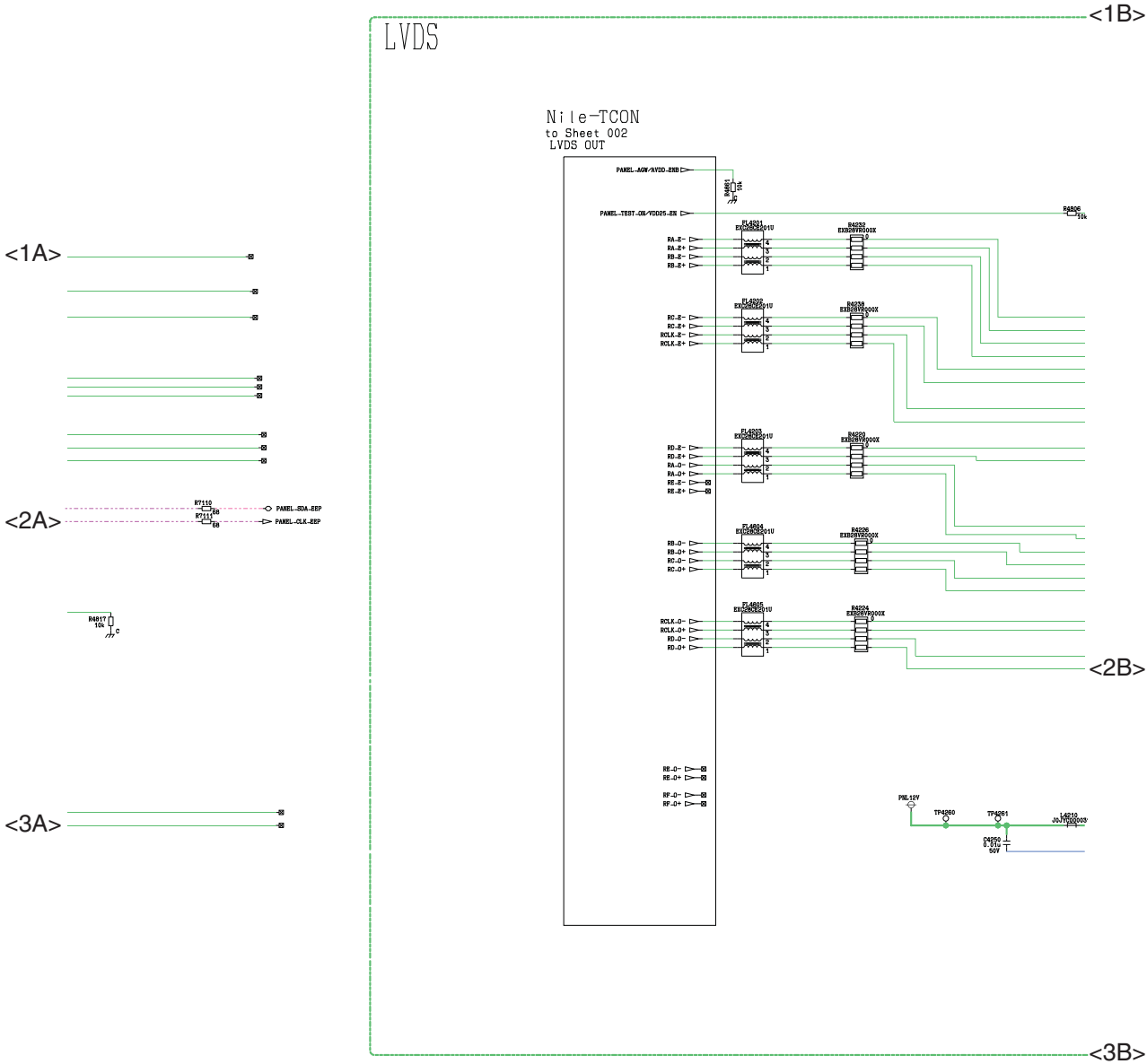
Sheet No. 015

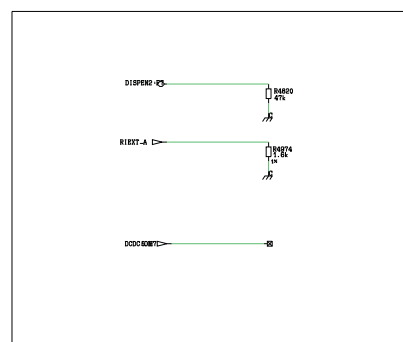


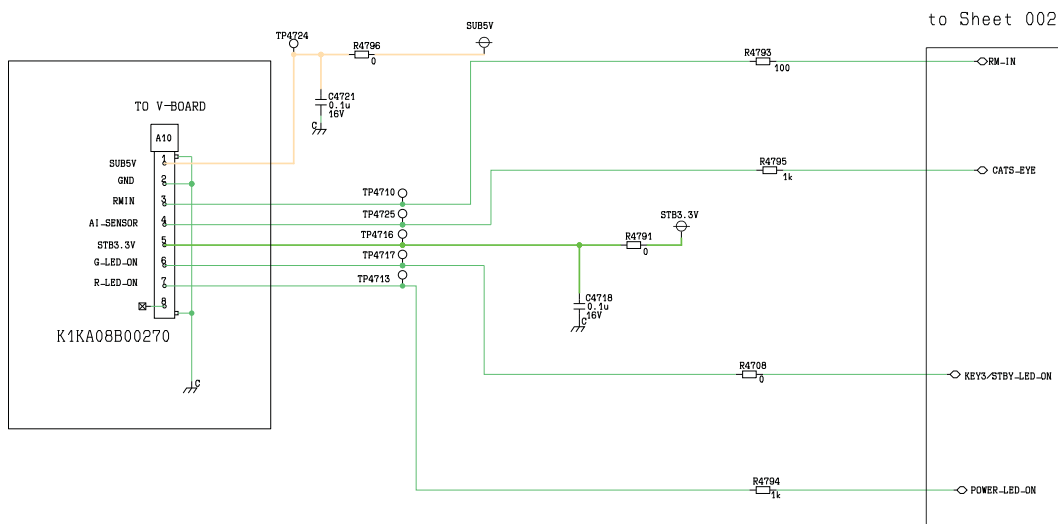
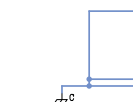
<2A>



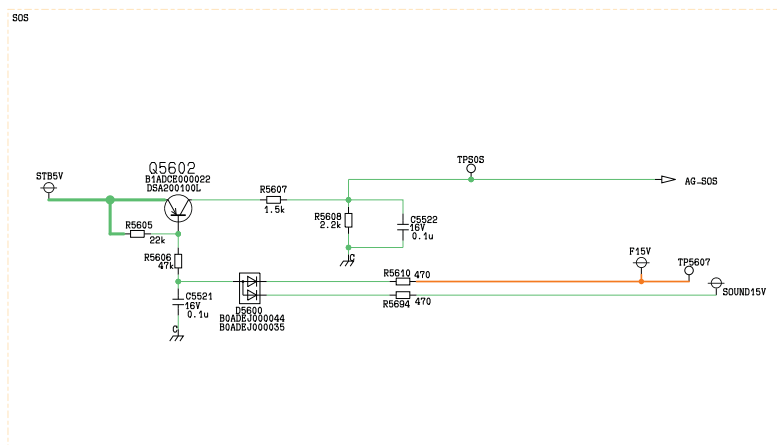
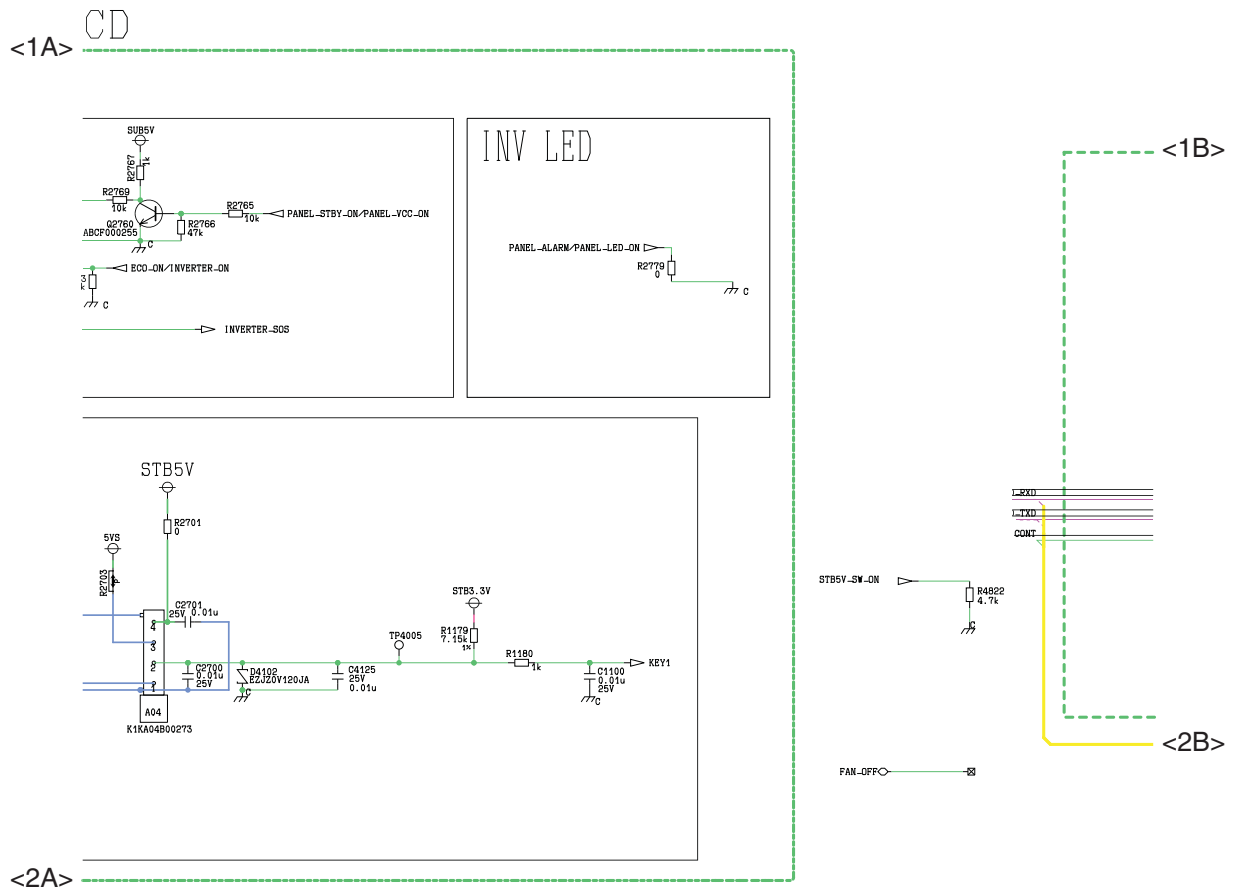
11.2.29. A Board - Sheet : 016 (2 / 3)







11.2.32. A Board - Sheet : 017 (2 / 3)

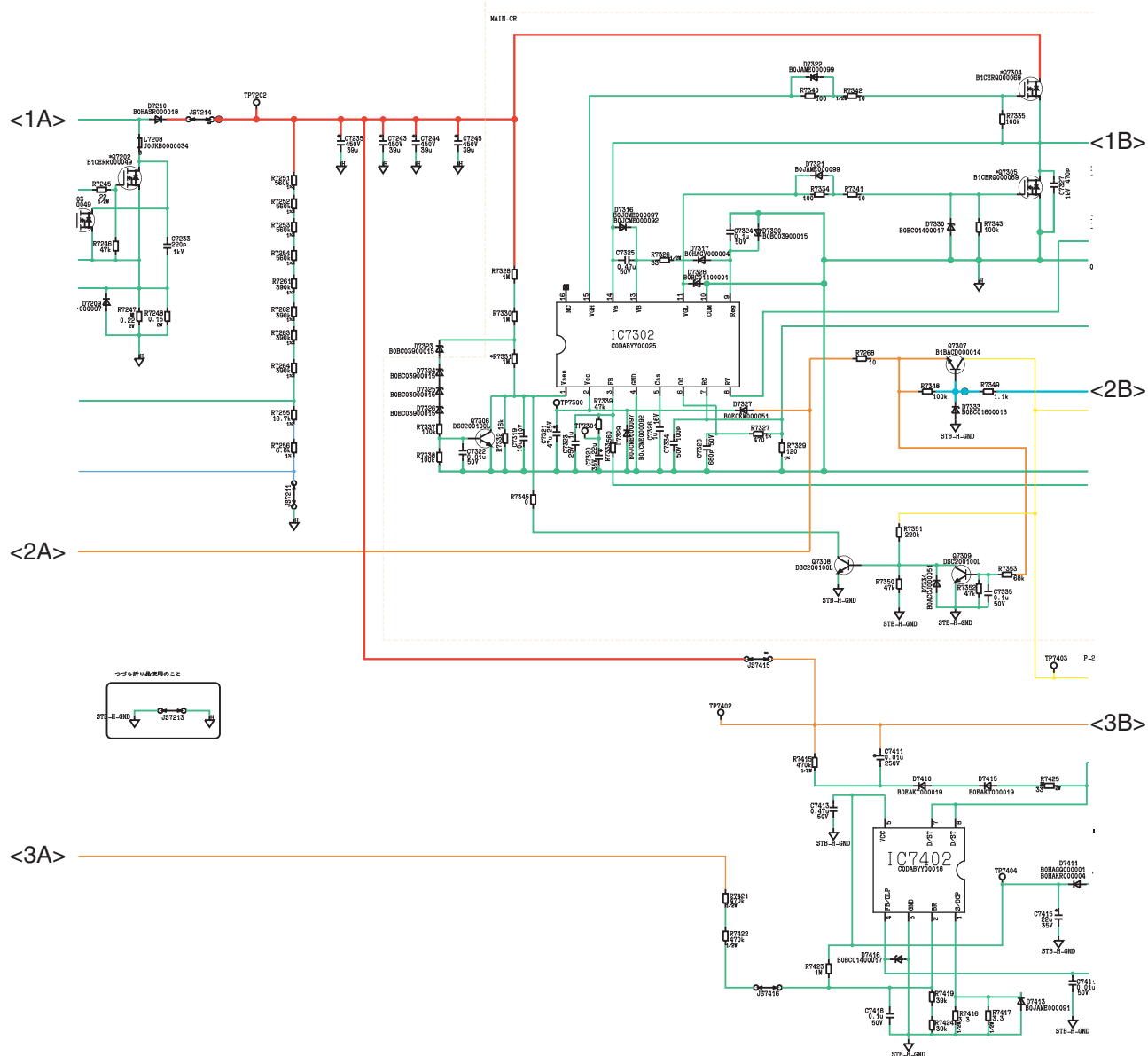


<1B>

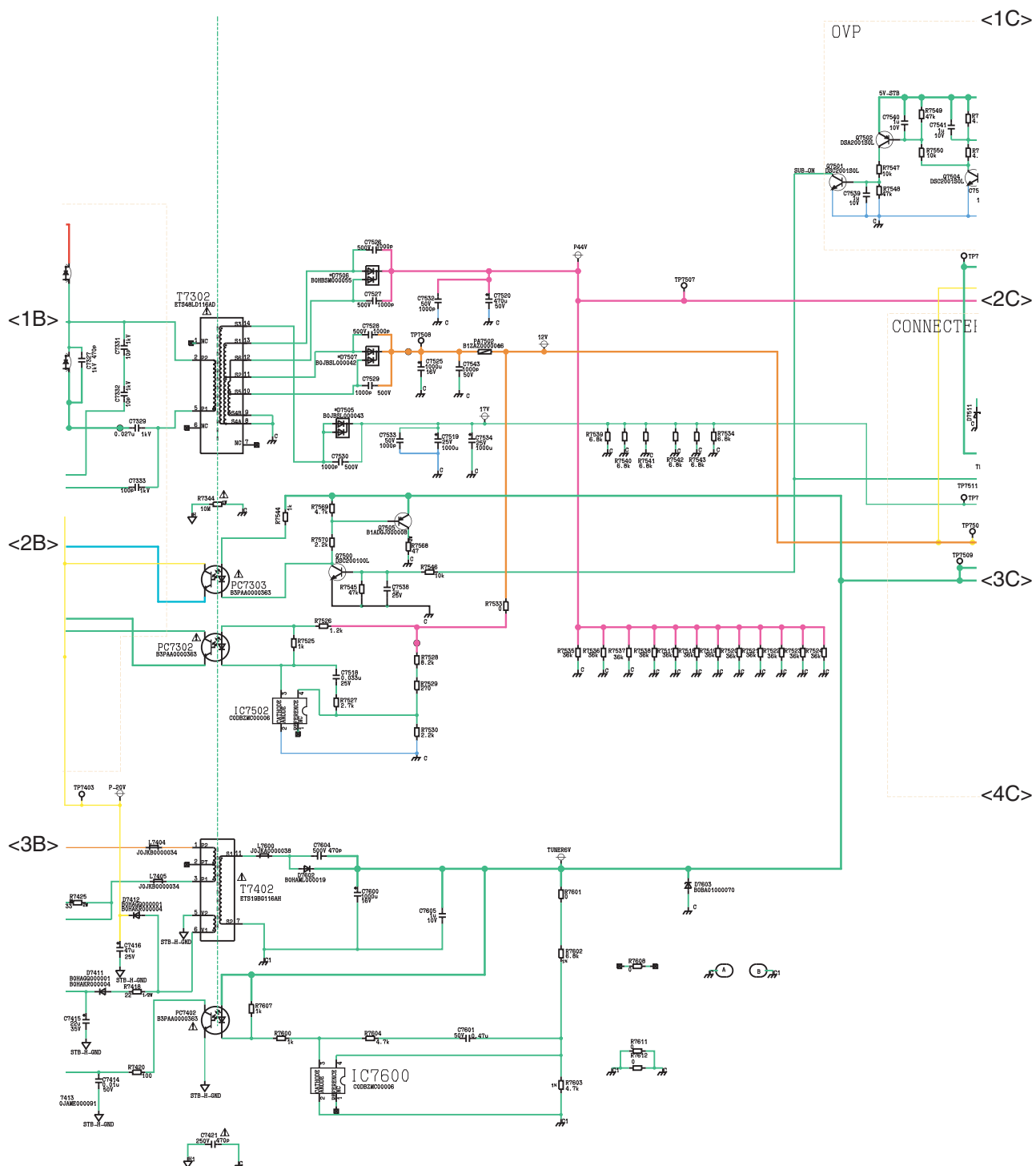




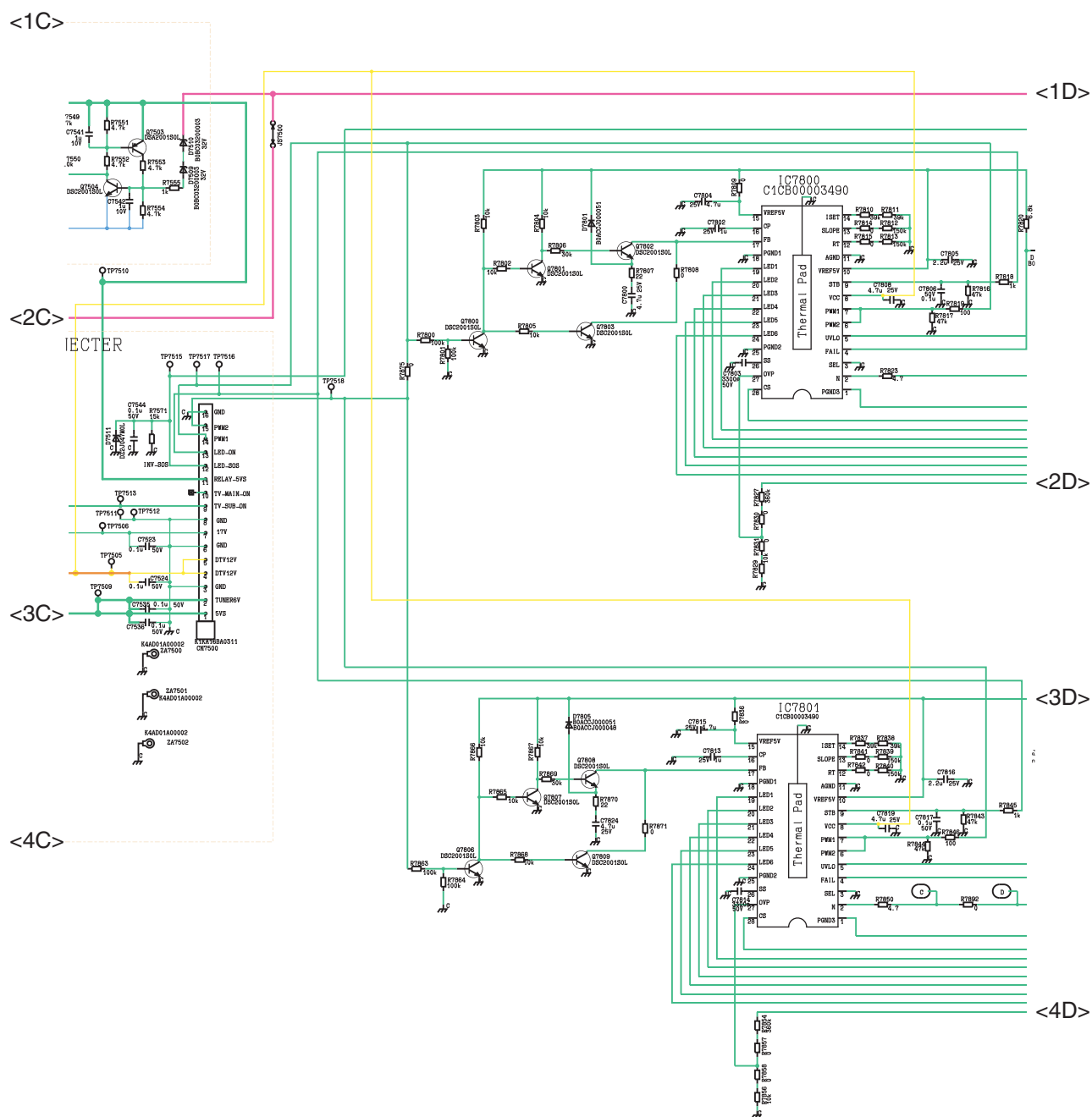
11.3.2. DP Board (2 / 5)



11.3.3. DP Board (3 / 5)



11.3.4. DP Board (4 / 5)



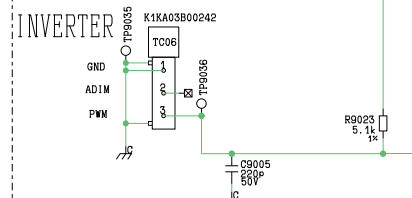
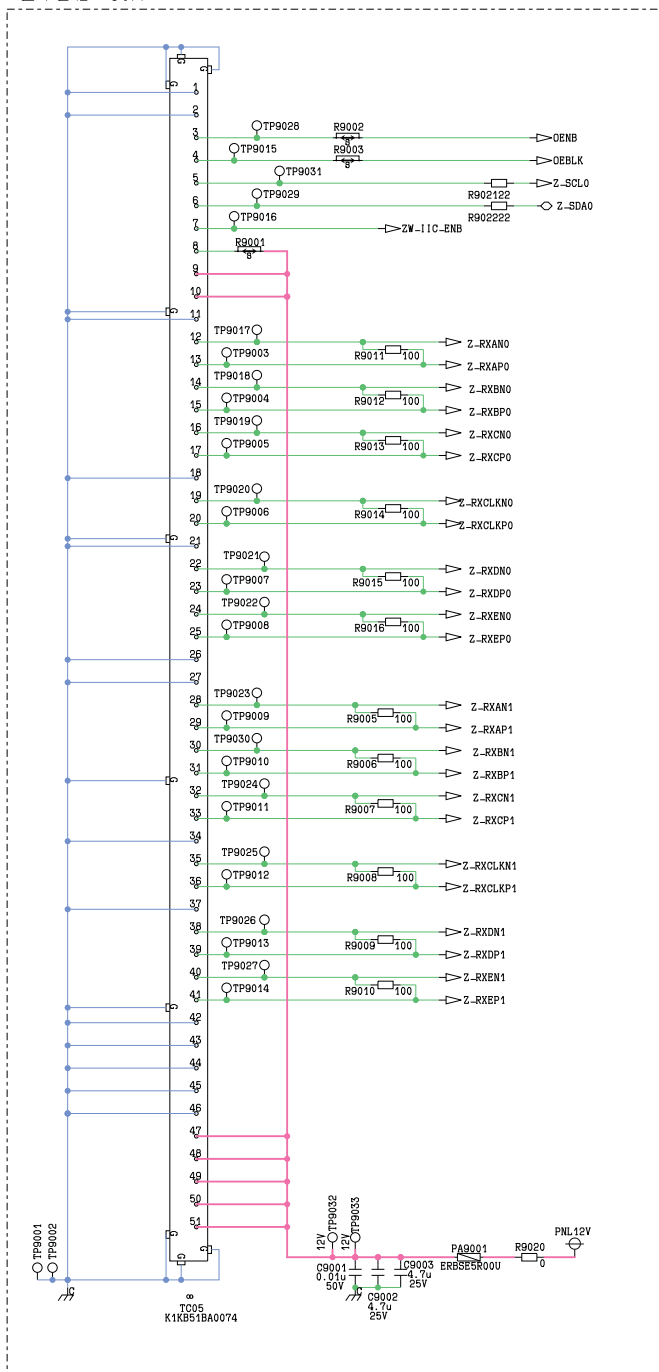
11.4. TC Board

11.4.1. TC Board - Sheet : 001 (1 / 3)

LVDS-Rx

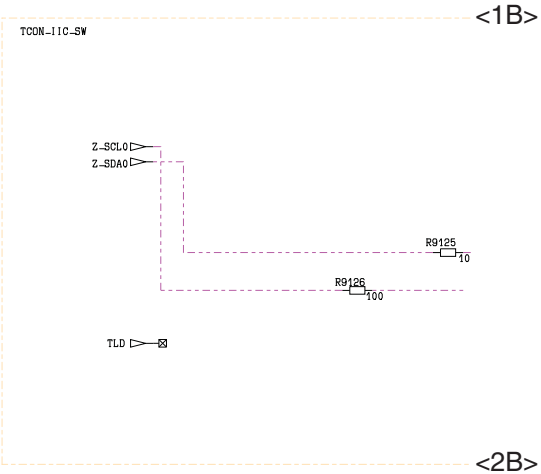
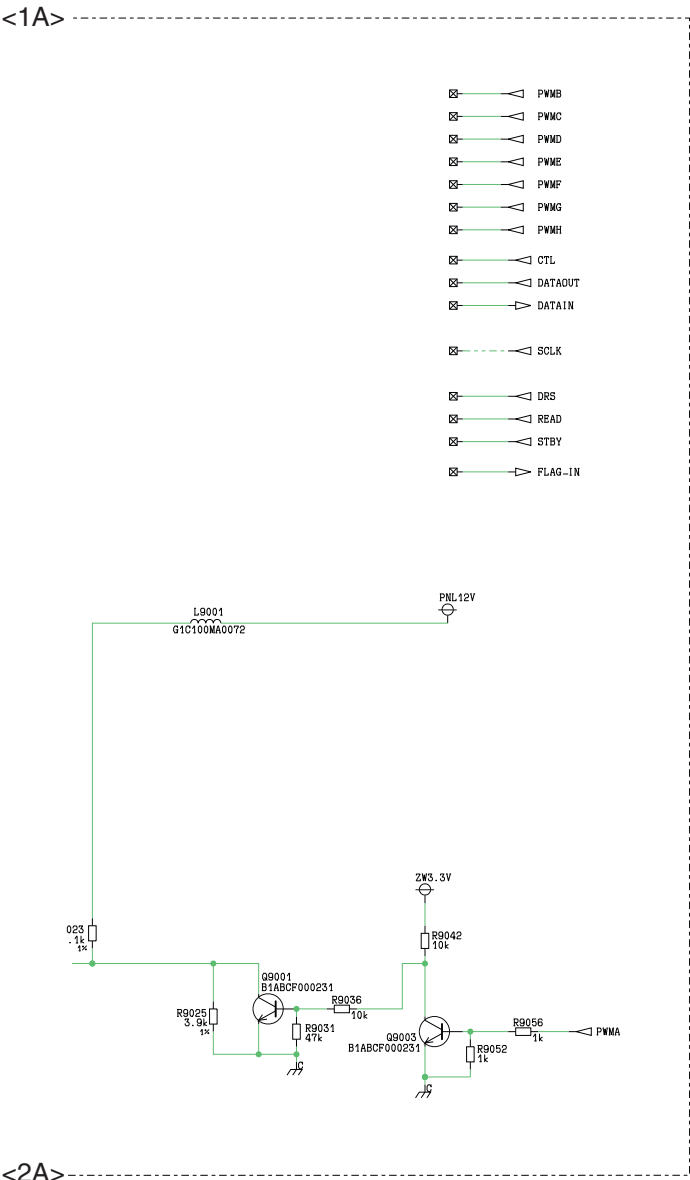
LD/PWM

<1A>

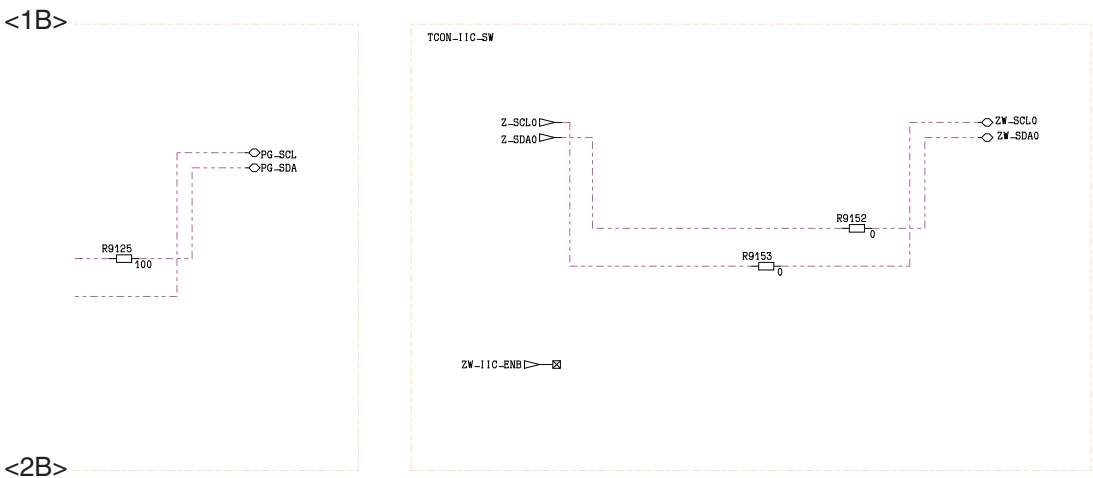


<2A>

11.4.2. TC Board - Sheet : 001 (2 / 3)

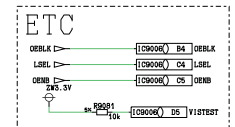
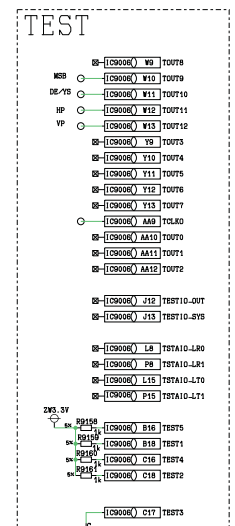
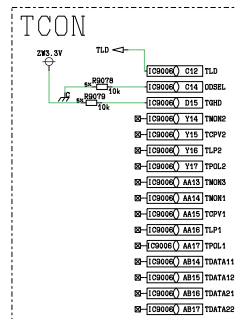
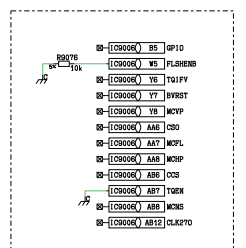
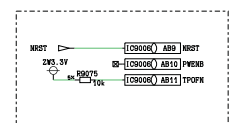
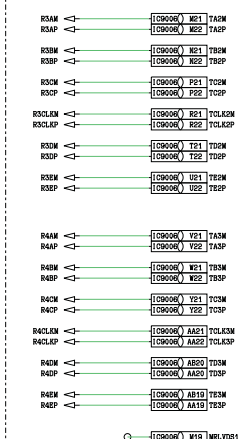
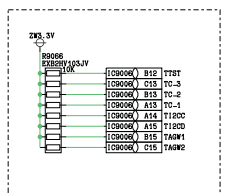
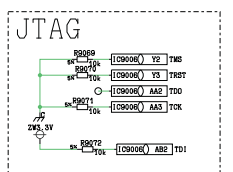
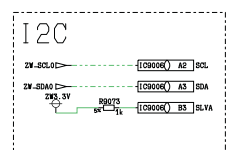
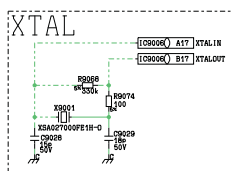
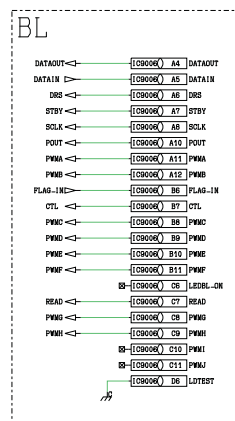
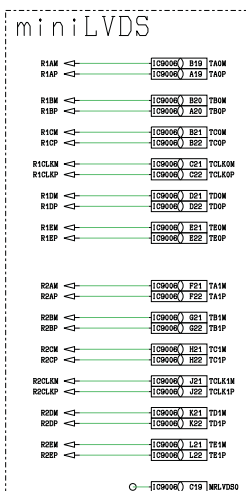
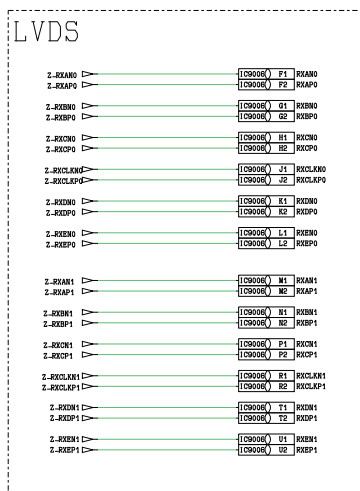


11.4.3. TC Board - Sheet : 001 (3 / 3)



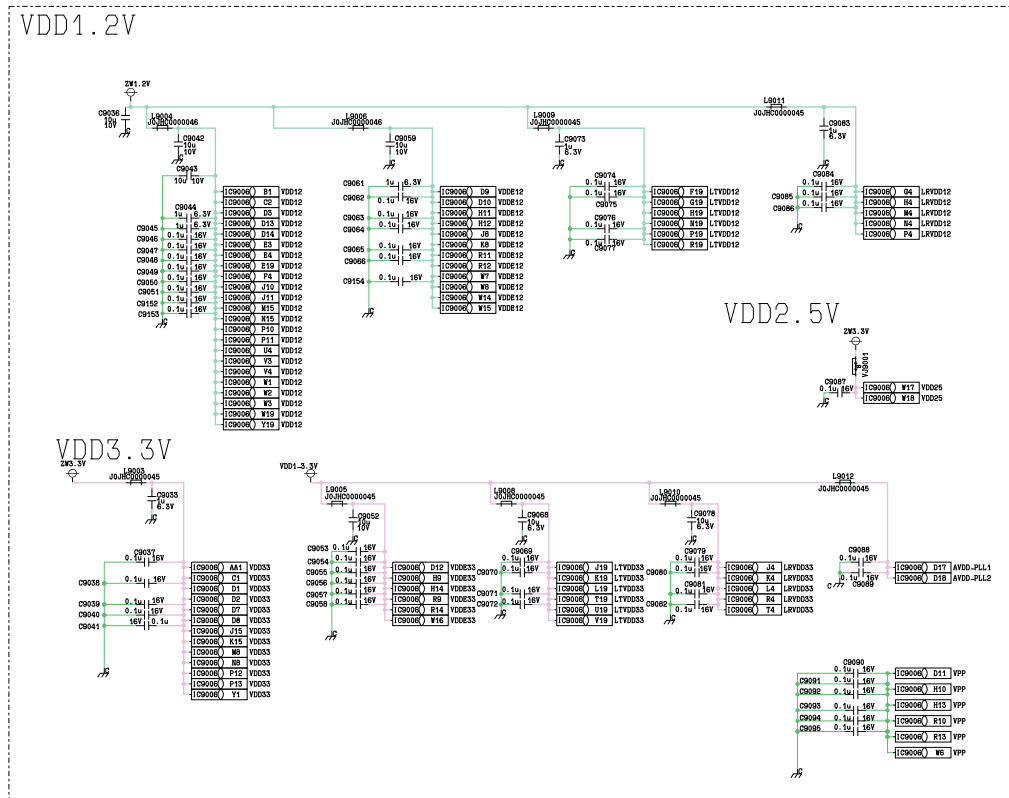
[Sheet 001]

11.4.4. TC Board - Sheet : 002 (1 / 2)

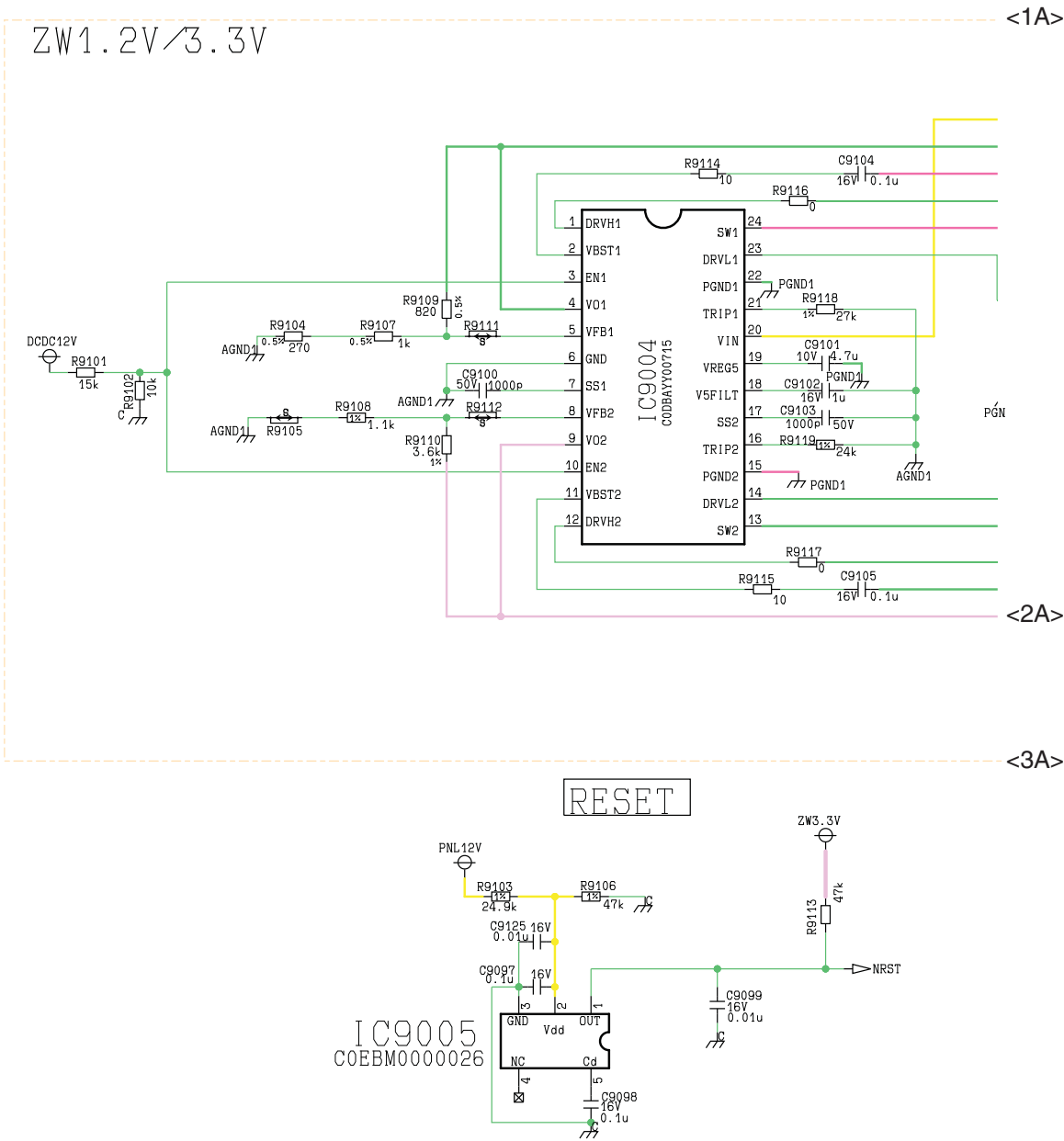


11.4.5. TC Board - Sheet : 002 (2 / 2)

[Sheet 002]

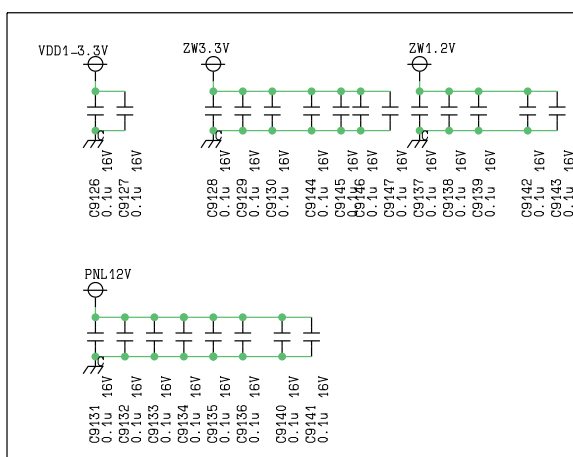
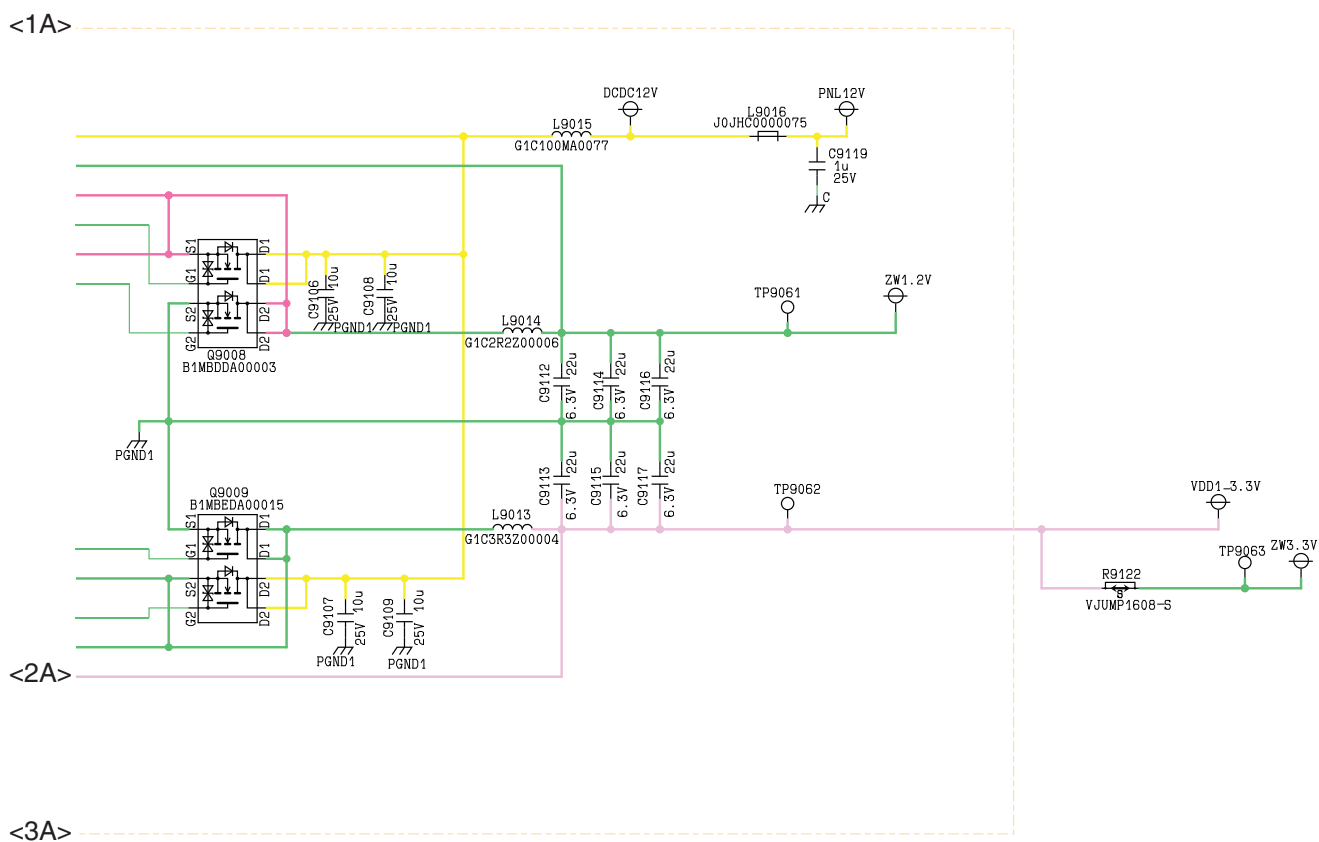


11.4.6. TC Board - Sheet : 003 (1 / 2)



11.4.7. TC Board - Sheet : 003 (2 / 2)

[Sheet 003]

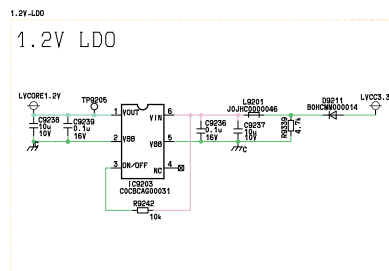


The diagram illustrates the internal structure of the IC9201 Thermal Pad, a component used for thermal management in power electronics. The central element is the **IC9201 Thermal Pad**, which is connected to a network of pins and components.

Pin Connections and Components:

- Top Pins (R9201-R9218):** These pins are connected to a common network of resistors (R9201-R9218) and capacitors (C9201-C9218). The resistors are labeled with values such as 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100. The capacitors are labeled with values such as 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100.
- Bottom Pins (R9219-R9236):** These pins are connected to a common network of resistors (R9219-R9236) and capacitors (C9219-C9236). The resistors are labeled with values such as 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100. The capacitors are labeled with values such as 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100.
- Central Components:** The central components include a network of resistors (R9201-R9218) and capacitors (C9201-C9218) connected to the central pad. The resistors are labeled with values such as 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100. The capacitors are labeled with values such as 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100, 100.

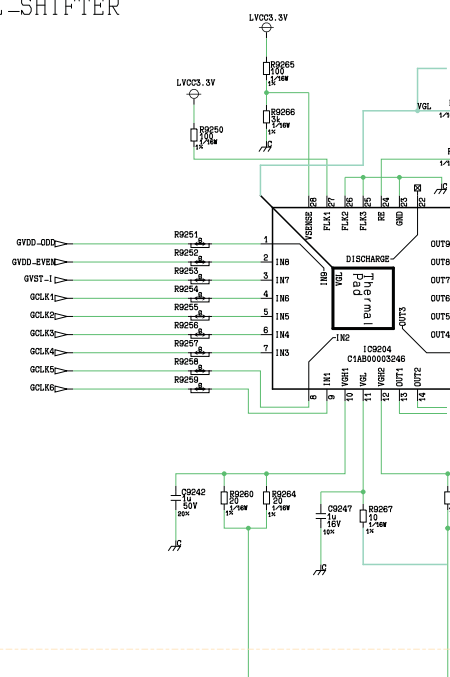
The diagram also shows the internal structure of the IC9201 Thermal Pad, including the central pad, the network of resistors and capacitors, and the connections to the pins. The central pad is labeled **IC9201 Thermal Pad** and is connected to the network of resistors and capacitors. The network of resistors and capacitors is connected to the pins and the central pad. The pins are labeled R9201-R9218 and R9219-R9236. The central pad is labeled IC9201 Thermal Pad. The network of resistors and capacitors is labeled R9201-R9218 and C9201-C9218. The connections to the pins and the central pad are shown with lines and labels. The diagram is a detailed schematic of the IC9201 Thermal Pad, showing its internal structure and connections.



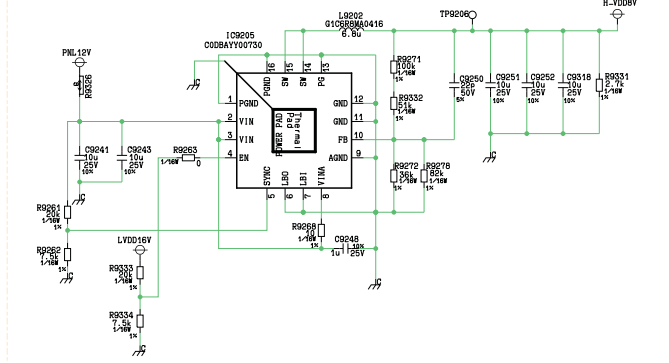
11.4.9. TC Board - Sheet : 005 (1 / 3)

LEVEL-SHIFTER

<1A>

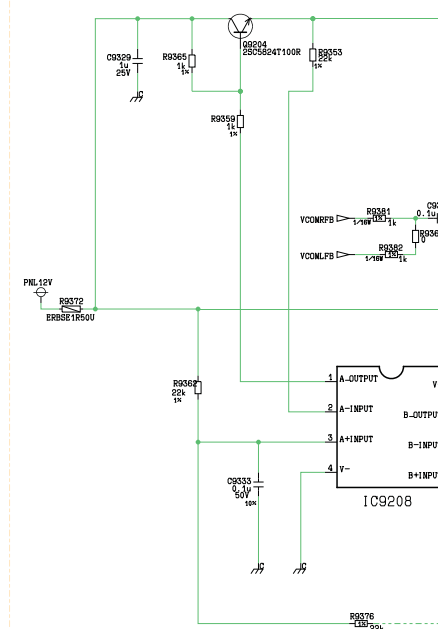


BUCK-CONVERTER



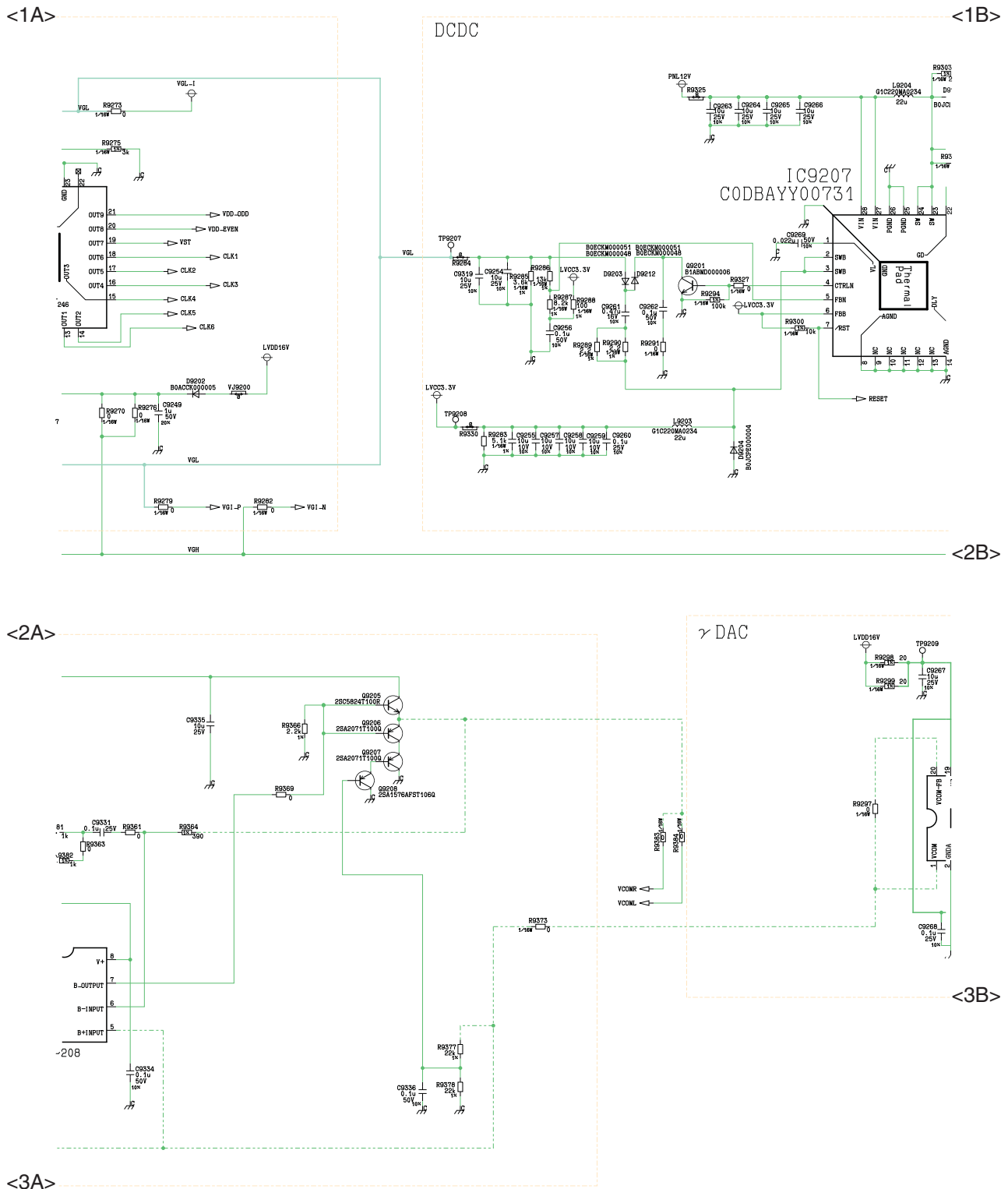
VCOM-BOOST

<2A>



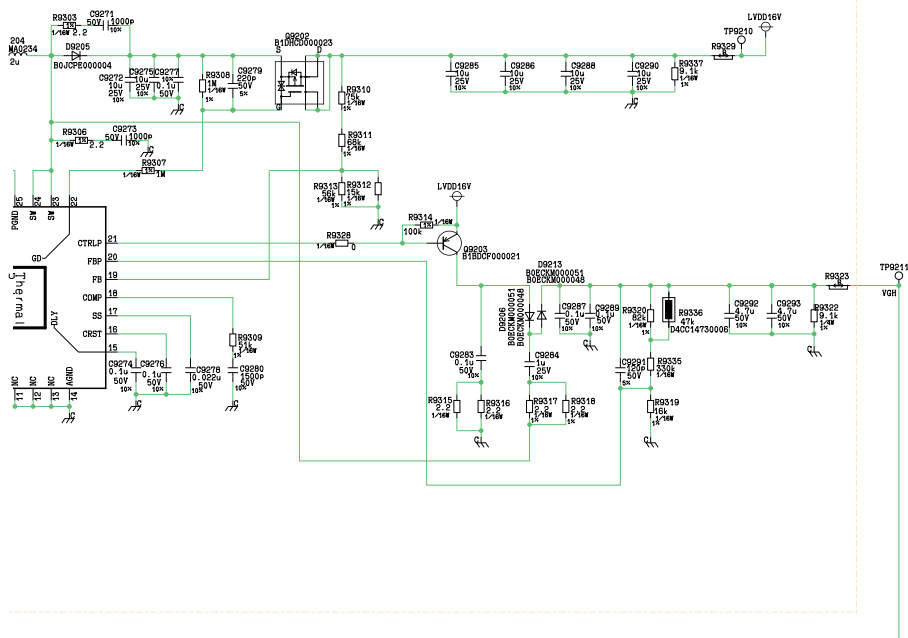
<3A>

11.4.10. TC Board - Sheet : 005 (2 / 3)

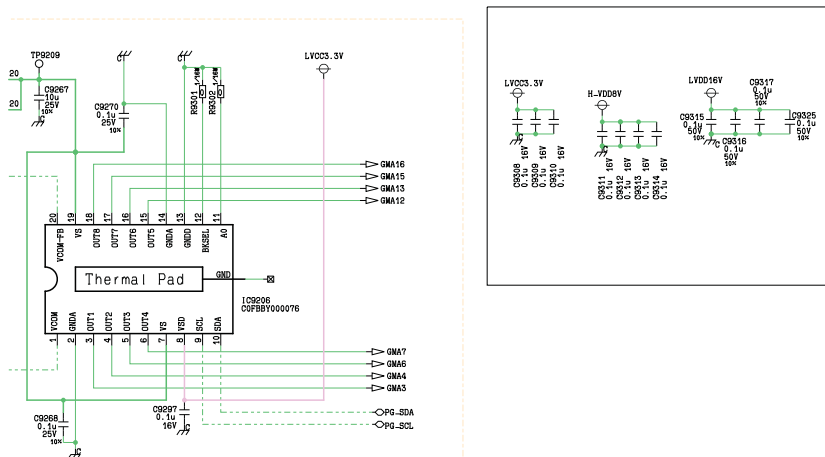


11.4.11. TC Board - Sheet : 005 (3 / 3)

<1B>

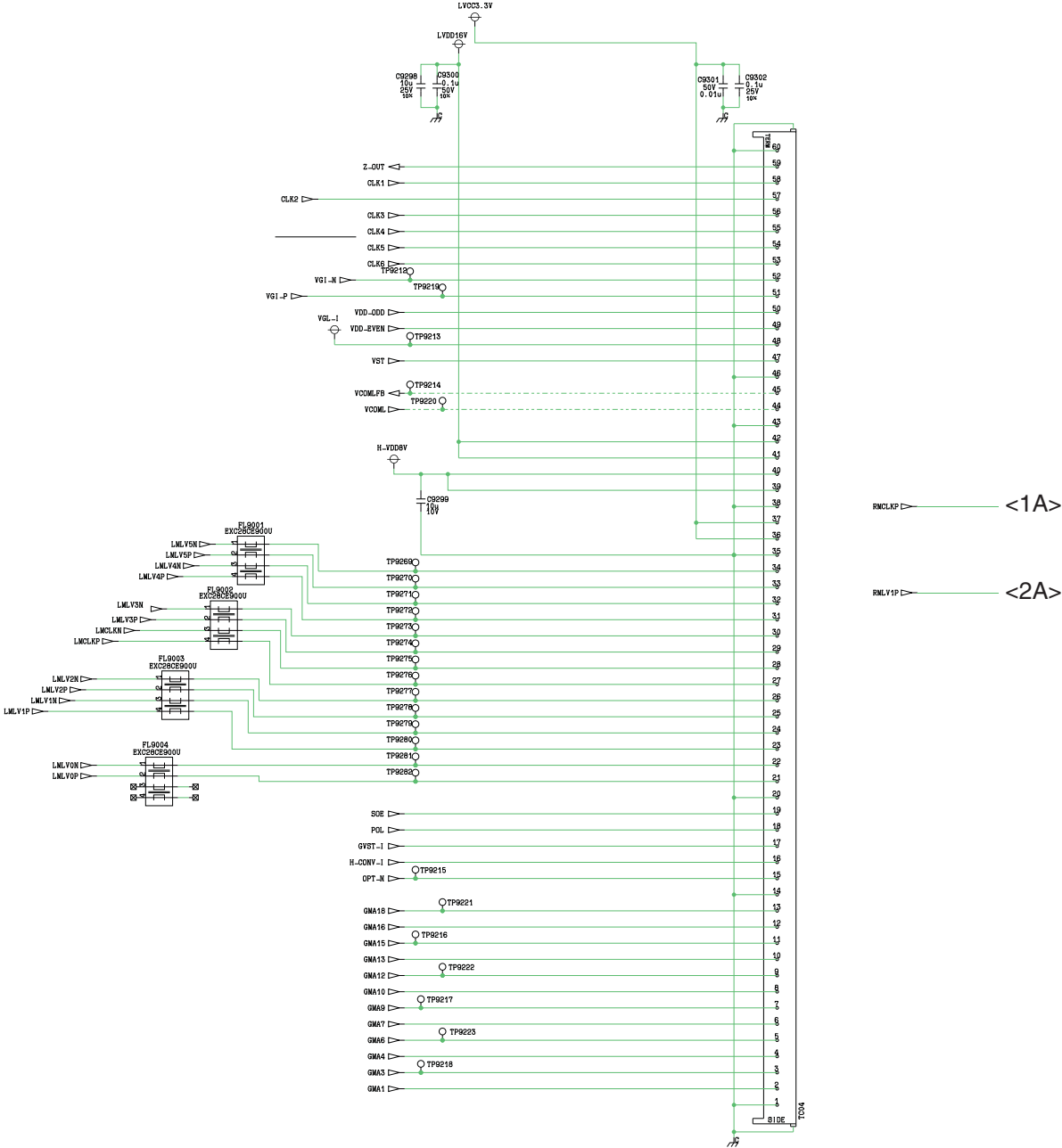


<2B>



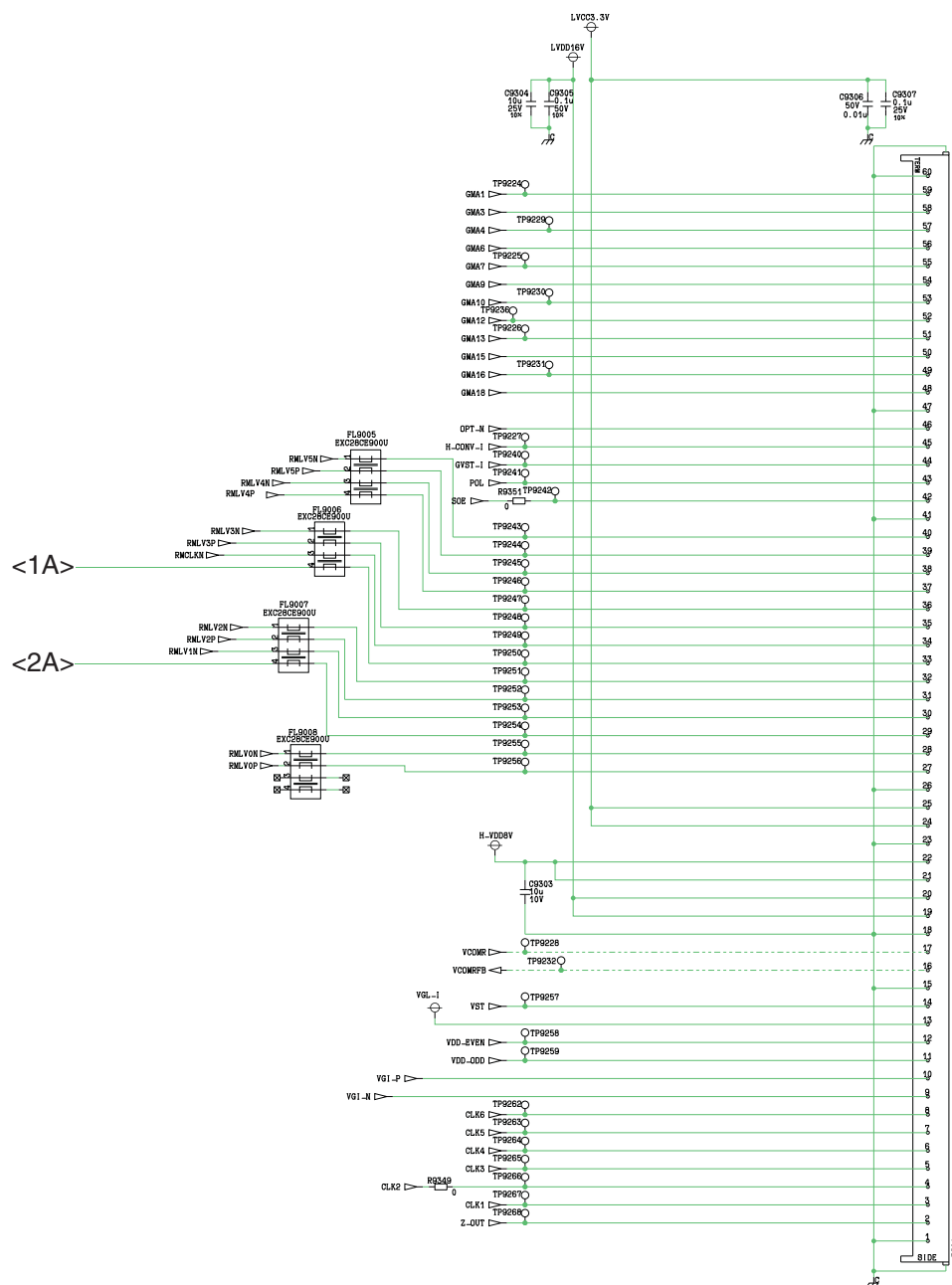
<3B>

11.4.12. TC Board - Sheet : 006 (1 / 2)



11.4.13. TC Board - Sheet : 006 (2 / 2)

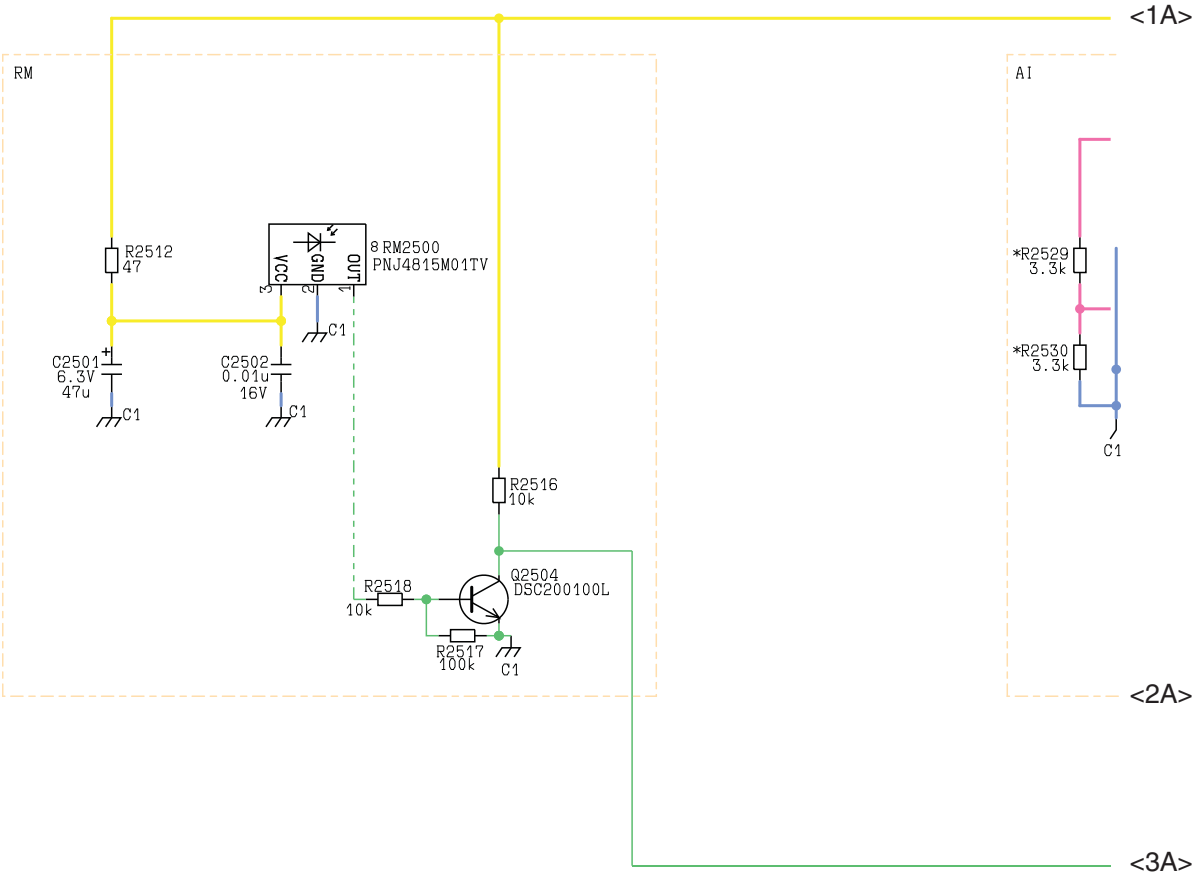
[Sheet 006]



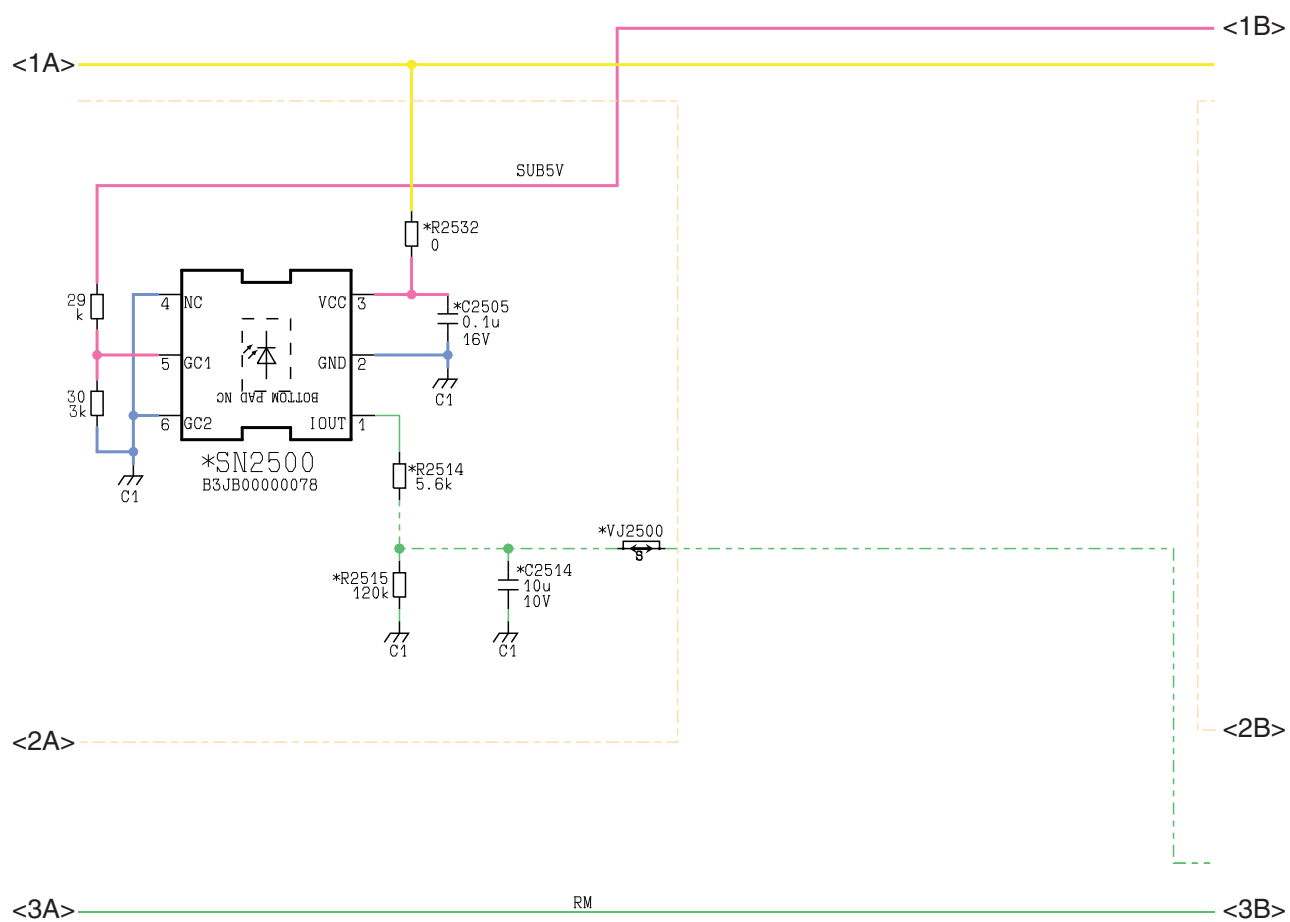
for Right

11.5. V Board

11.5.1. V Board (1 / 3)

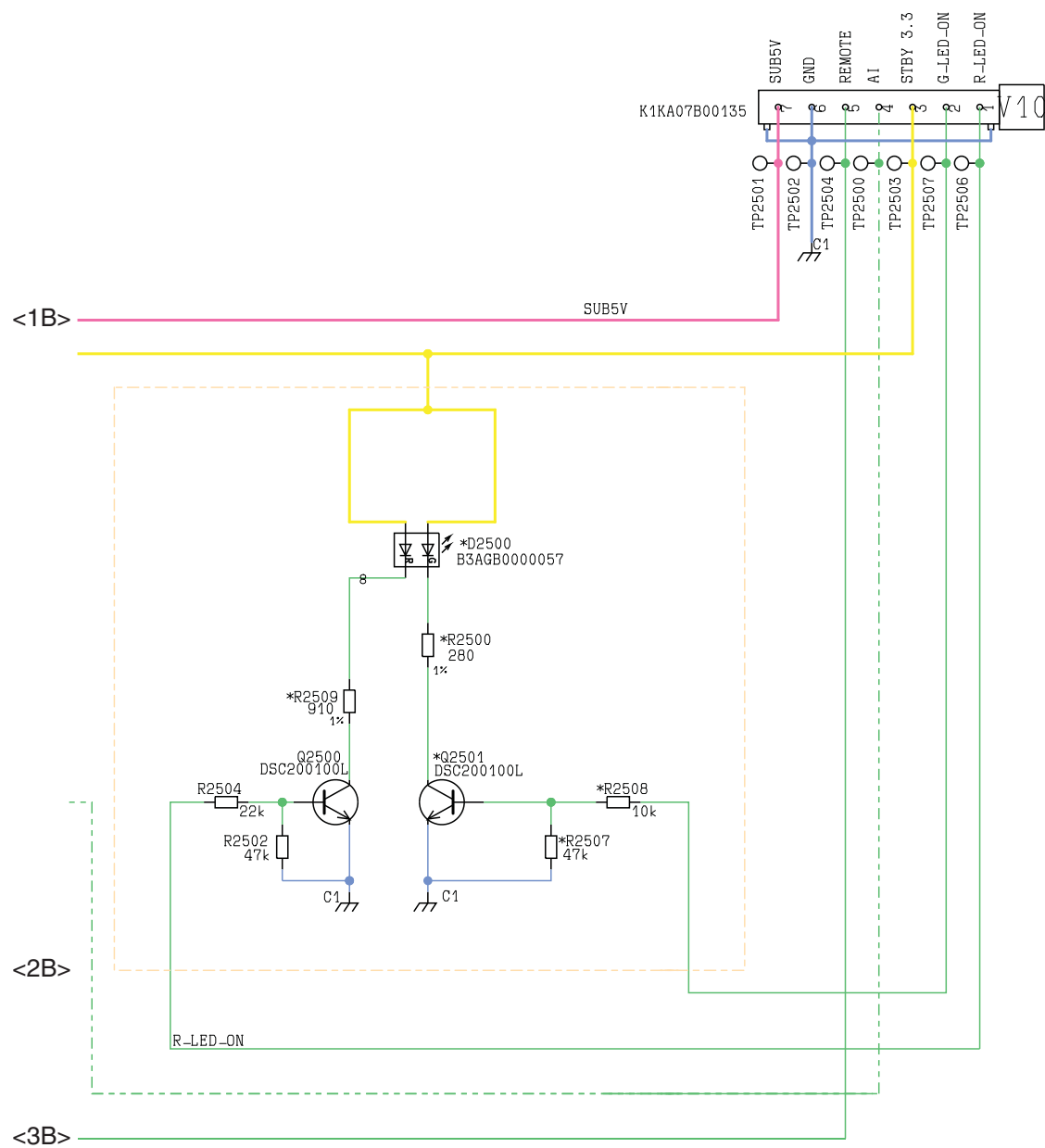


11.5.2. V Board (2 / 3)



11.5.3. V Board (3 / 3)

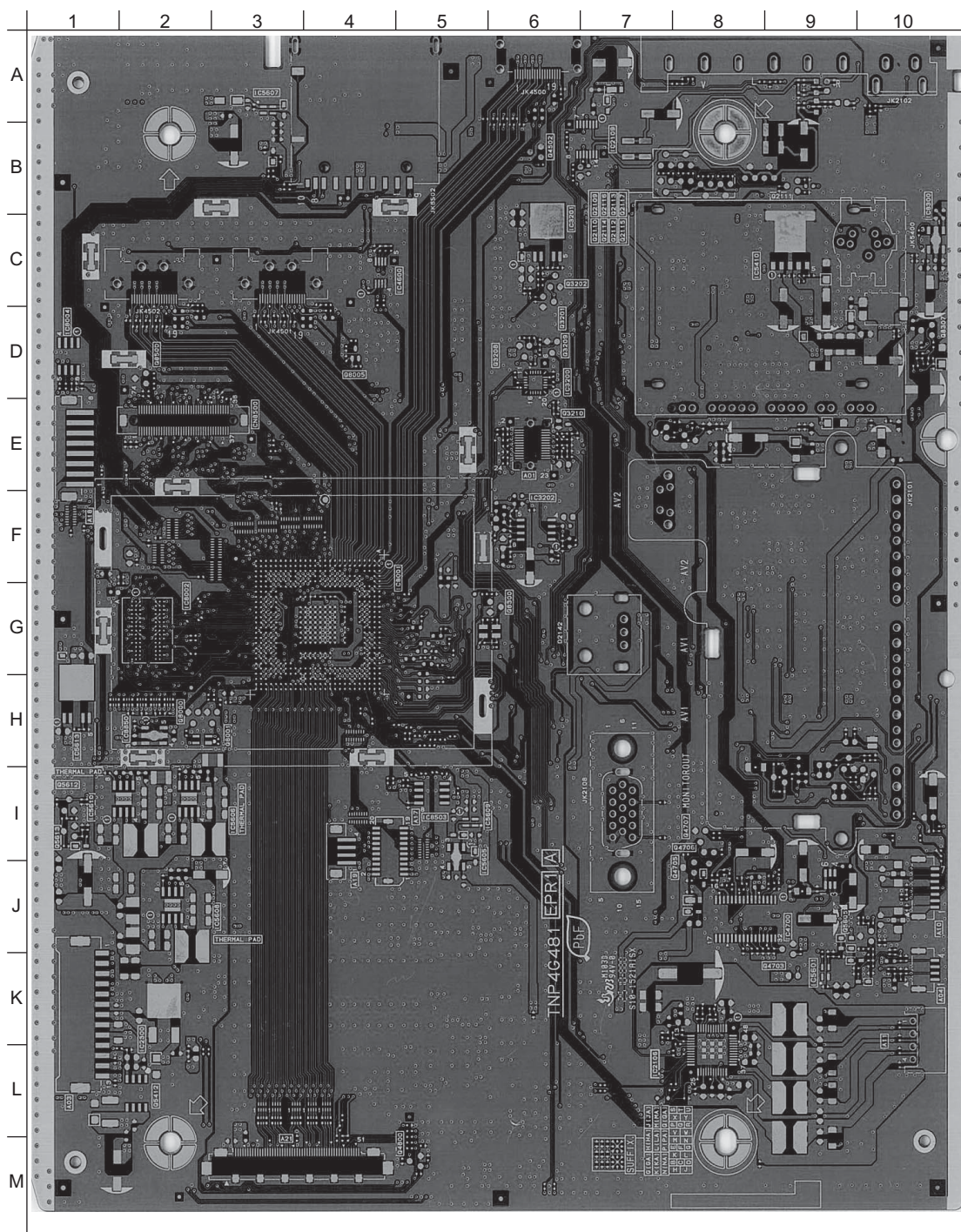
[TNP4A5134BA]
V



12 Printed Circuit Board

12.1. A-Board

A-Board (A Side)
TNP4G481

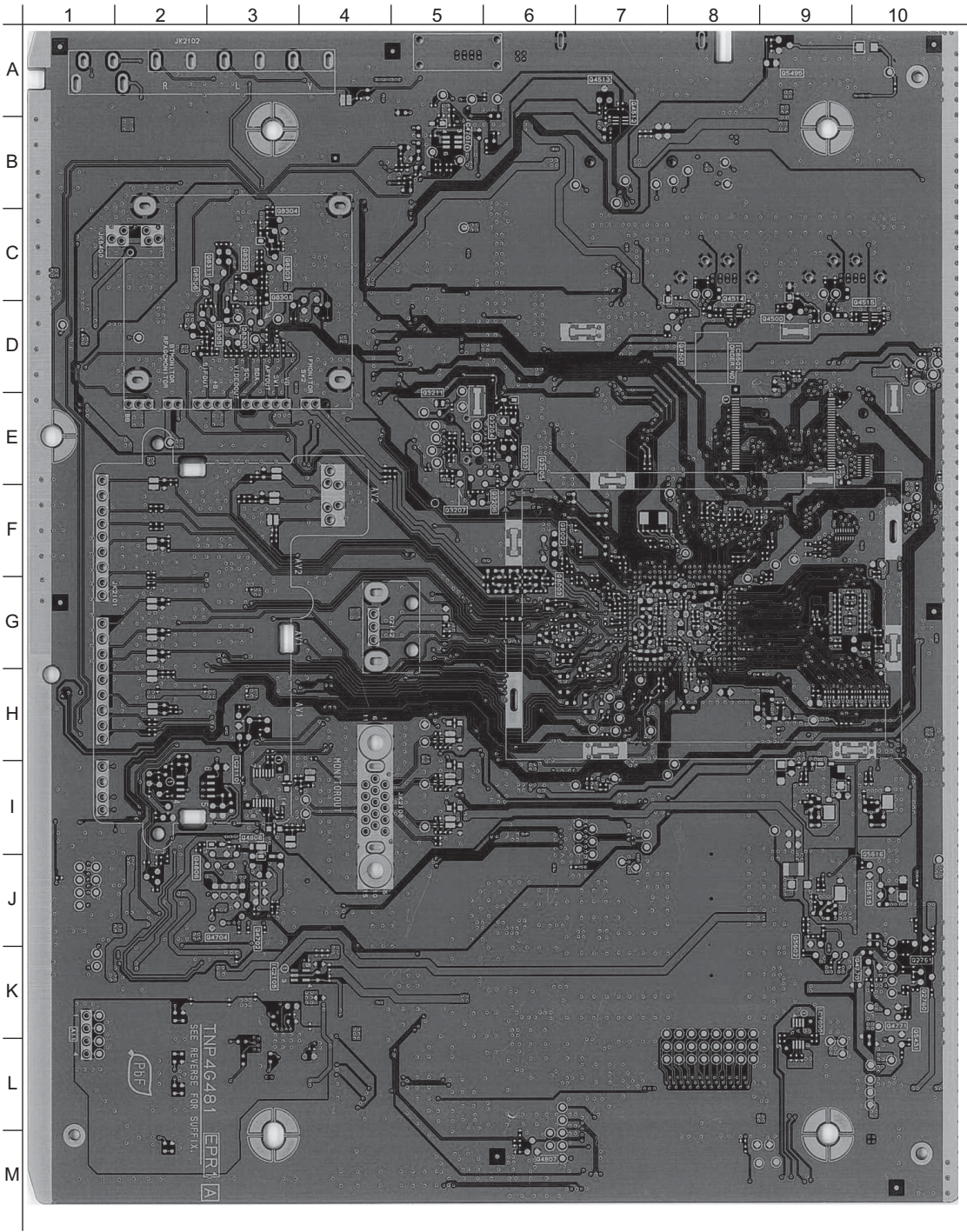


Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC2106	L8	IC4600	C4	IC5607	A3	IC8002	G2
IC2109	B7	IC4700	J9	IC5608	J3	IC8004	D1
IC2300	K2	IC5410	C8	IC5609	I5	IC8300	B10
IC3200	D6	IC5601	K9	IC5610	I1	IC8503	I5
IC3201	C6	IC5605	I5	IC5613	H1	IC8850	H2
IC3202	F6	IC5606	I3	IC8001	G4		

12.2. A-Board

A-Board (B Side)
TNP4G481

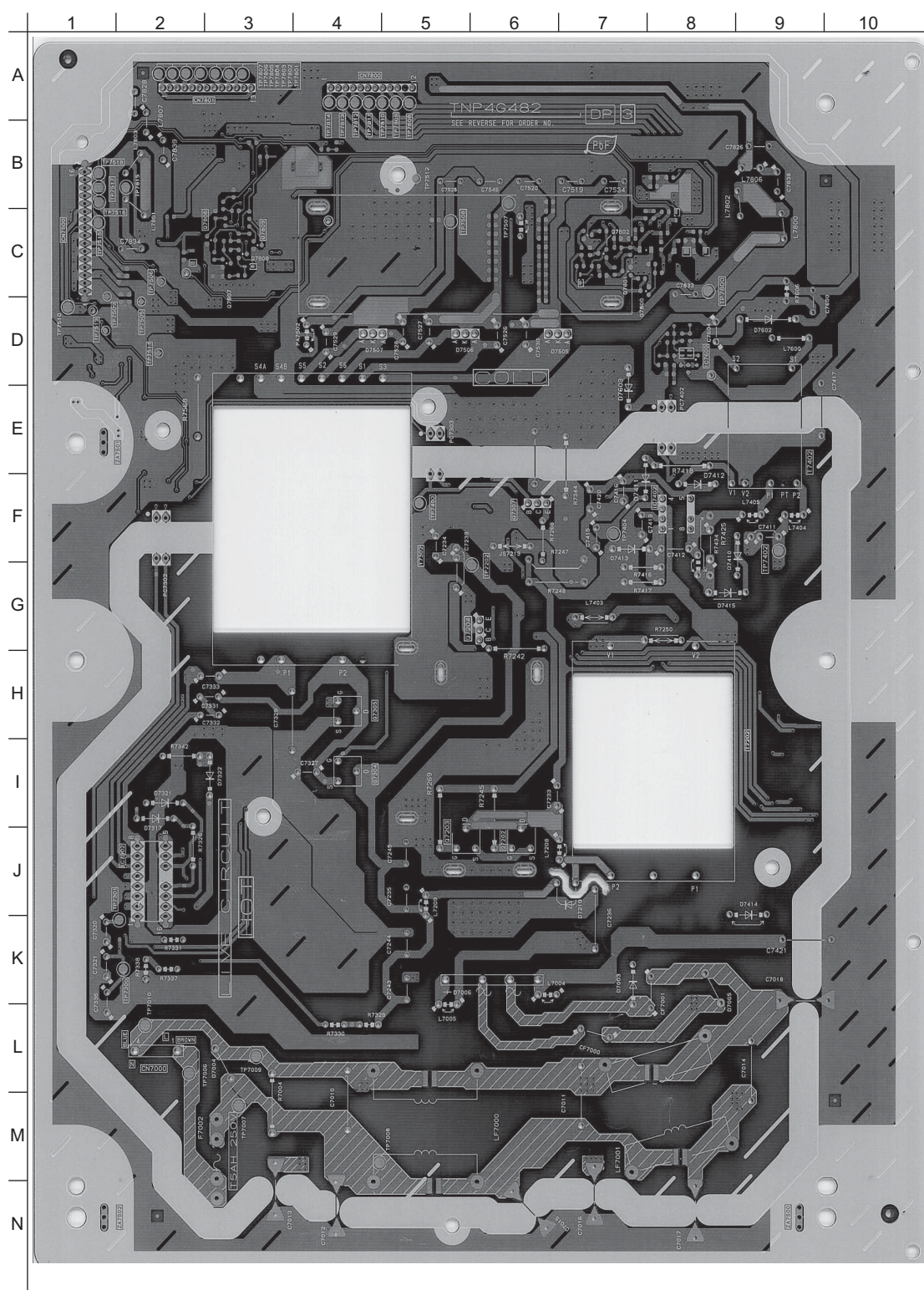


Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC2105	K3	IC4701	B5	IC8502	D8	D2142	G4
IC2110	I3	IC7000	K9				

12.3. DP-Board

DP-Board (A Side)
TNP4G482

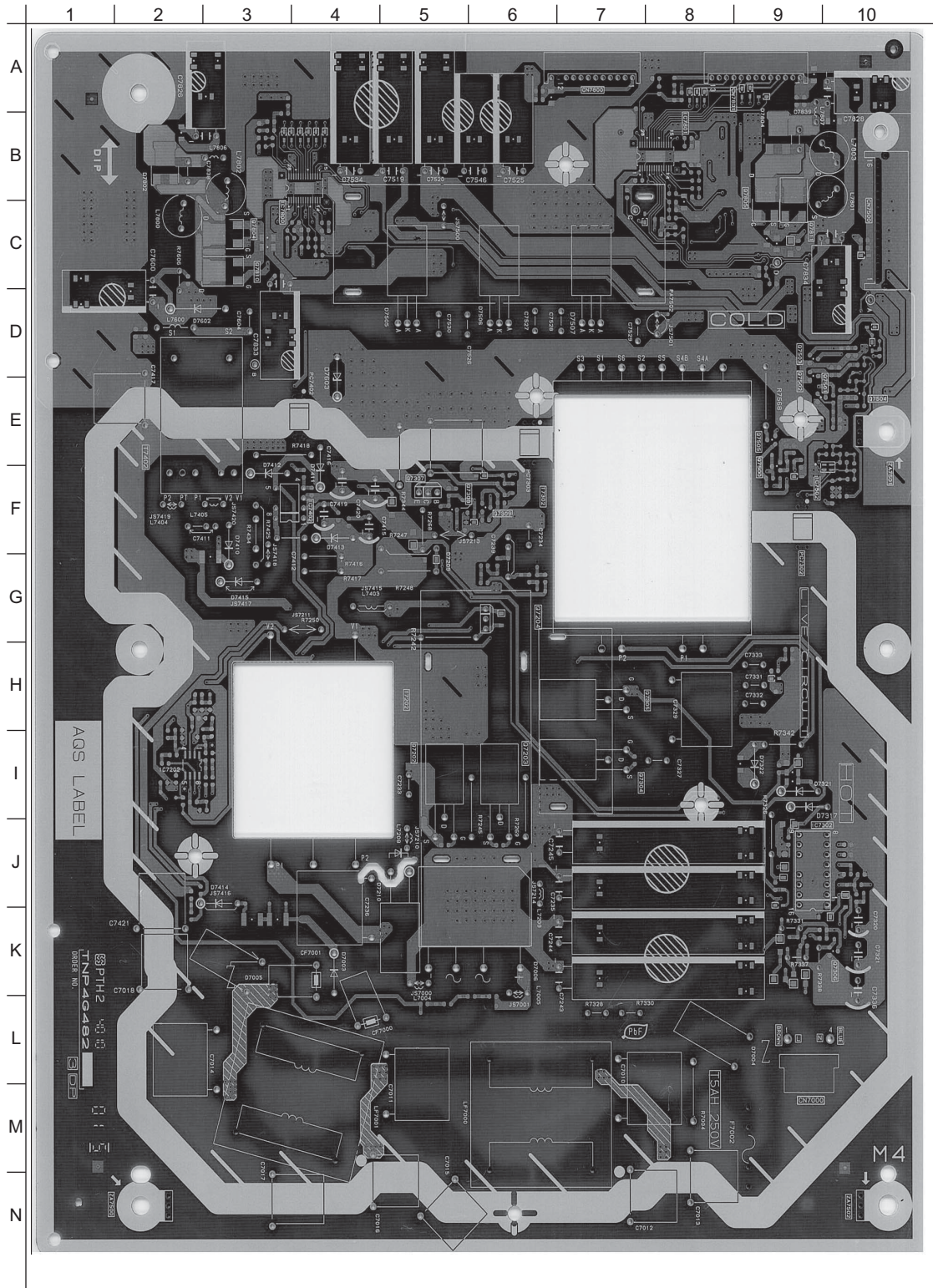


Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC7302	J2	D7003	K7	D7322	I3	D7415	G8
IC7402	F7	D7005	K8	D7410	F8	D7505	D6
IC7600	D8	D7006	K5	D7411	F7	D7506	D5
		D7210	K7	D7412	E8	D7507	D4
		D7317	I2	D7413	F7	D7602	D9
		D7321	I2	D7414	K9	D7603	E7

12.4. DP-Board

DP-Board (B Side)
TNP4G482

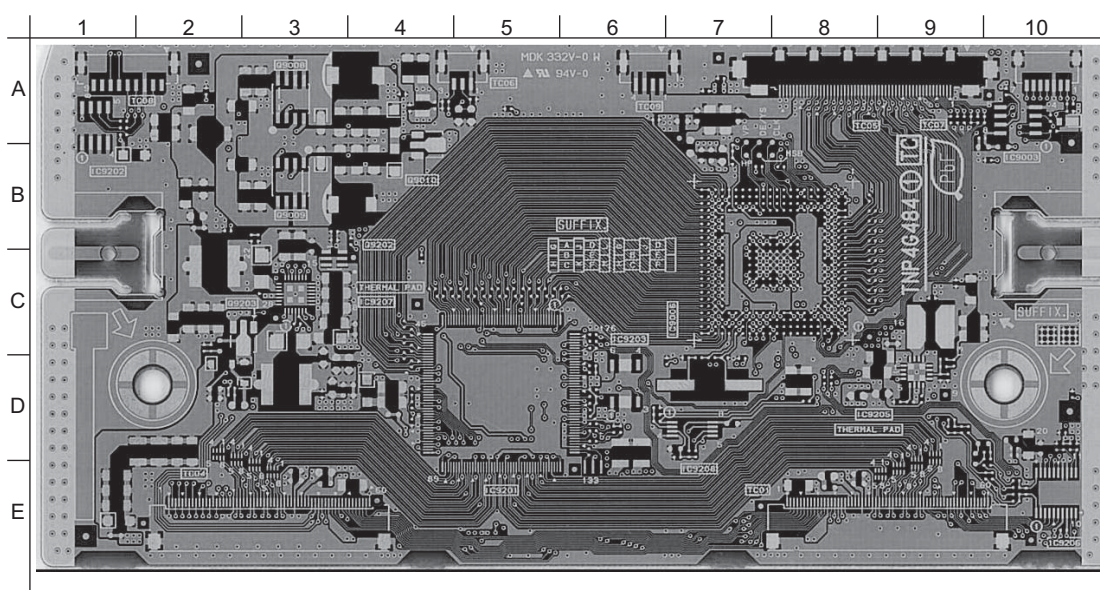


Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC7202	I2	D7004	L9	D7410	F3	D7506	D6
IC7302	J9	D7006	K6	D7411	F4	D7507	D7
IC7402	F4	D7209	G5	D7412	F3	D7602	D3
IC7502	F9	D7210	J4	D7413	F4	D7603	E4
IC7800	C3	D7317	J9	D7414	J3	D7802	B2
IC7801	B8	D7321	I9	D7415	G3	D7804	B9
		D7322	I9	D7505	D5		

12.5. TC-Board

TC-Board (A Side)
TNP4G484

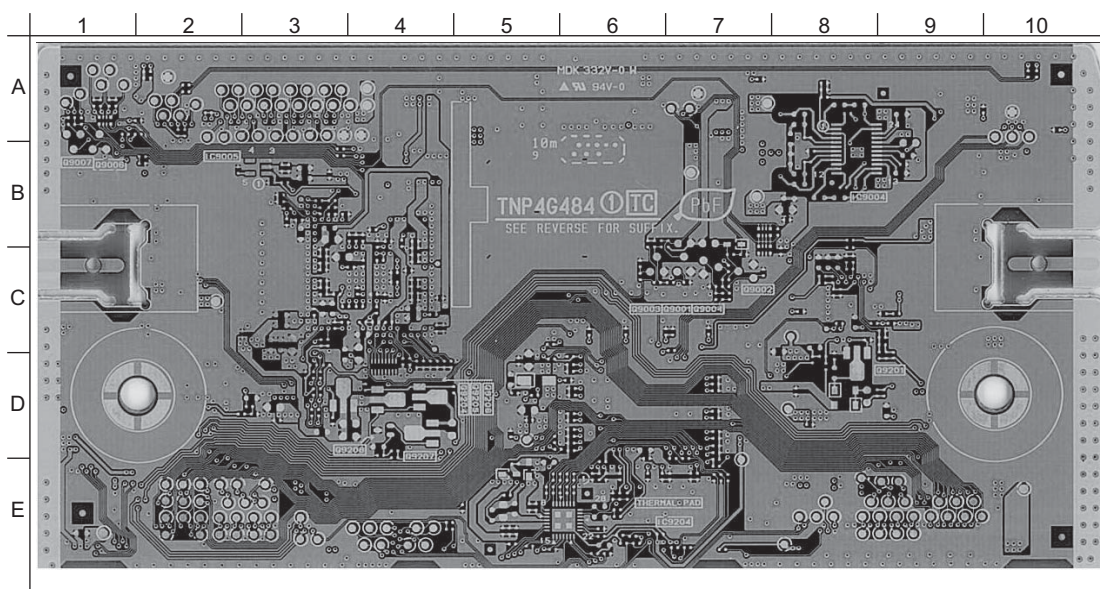


Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location
IC9003	B10	IC9202	B1	IC9206	E10
IC9006	C7	IC9203	C6	IC9207	C4
IC9201	E5	IC9205	D8	IC9208	E7

12.6. TC-Board

TC-Board (B Side)
TNP4G484

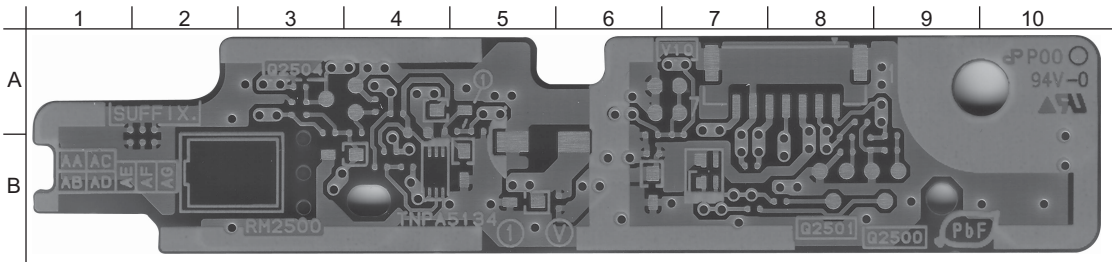


Parts Location

Ref. No	Location
IC5005	B2
IC9004	B8
IC9204	E7

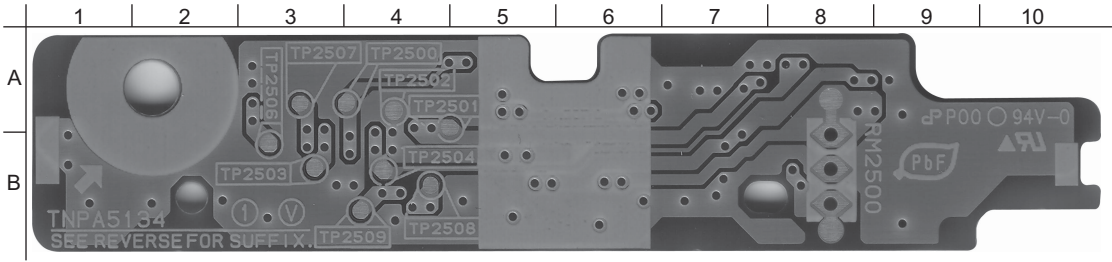
12.7. V-Board

V-Board (A Side)
TNPA5134



12.8. V-Board

V-Board (B Side)
TNPA5134



13 Exploded View and Replacement Parts List

13.1. Exploded View and Mechanical Replacement Parts List

Please click the radio button for 'Diagrams II/Parts List' on the menu bar.

13.2. Electrical Replacement Parts List

13.2.1. Replacement Parts List Notes

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J 1/4W
 Type Allowance

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z 50V
 Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide	J : ±5%
Metal Film	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester	F : ±1pF
Polyprop	G : ±3pF
lene	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

13.2.2. Electrical Replacement Parts List

Note: All part will be supplied by PAVCKM.

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
		CAPACITORS		
	C1100	F1G1E1030005	C 0.1UF,K, 25V	
	C2100	F1J1E105A231	C 1UF , 25V	
	C2103	F1H0J1050013	C 1UF , 6.3V	
	C2107	F1H0J1050013	C 1UF , 6.3V	
	C2108	F1H0J1050013	C 1UF , 6.3V	
	C2109	F1H0J1050013	C 1UF , 6.3V	
	C2111	F1G1E1030005	C 0.1UF,K, 25V	
	C2115	F1G1H5610004	C 560PF , 50V	
	C2116	F1G1H5610004	C 560PF , 50V	
	C2145	F1K1E106A136	C 10UF , 25V	
	C2166	F1G1E104A087	C 0.1UF , 25V	
	C2167	F1G1E104A087	C 0.1UF , 25V	
	C2173	F1J1A106A087	C 10UF , 10V	
	C2175	F1J1A106A087	C 10UF , 10V	
	C2197	F1G1E1030005	C 0.1UF,K, 25V	
	C2198	F1H0J1050013	C 1UF , 6.3V	
	C2199	F1H0J1050013	C 1UF , 6.3V	
	C2200	F1H0J1050013	C 1UF , 6.3V	
	C2201	F1H0J1050013	C 1UF , 6.3V	
	C2202	F1H0J1050013	C 1UF , 6.3V	
	C2203	F1J1A106A087	C 10UF , 10V	
	C2204	F1H0J1050013	C 1UF , 6.3V	
	C2205	F1J1A106A087	C 10UF , 10V	
	C2206	F1H0J475A041	C 4.7UF, 6.3V	
	C2207	F1H1A225A051	C 1UF, 16V	
	C2208	F1H1A225A051	C 1UF, 16V	
	C2209	F1H1A225A051	C 1UF, 16V	
	C2210	F1H1A225A051	C 1UF, 16V	
	C2211	F1H1A225A051	C 1UF, 16V	
	C2212	F1H1A225A051	C 1UF, 16V	
	C2213	F1H0J1050013	C 1UF , 6.3V	
	C2214	F1H0J1050013	C 1UF , 6.3V	
	C2217	F1H0J475A041	C 4.7UF, 6.3V	
	C2220	F1G1C104A081	C 0.1UF ,16V	
	C2221	F1G1C104A081	C 0.1UF ,16V	
	C2222	F1J1A106A087	C 10UF , 10V	
	C2223	F1G1H472A571	C 4700PF , 50V	
	C2224	F1G1H472A571	C 4700PF , 50V	
	C2225	F1G1C473A081	C 0.047UF , 16V	
	C2226	F1G1C473A081	C 0.047UF , 16V	
	C2227	F1J1A106A087	C 10UF , 10V	
	C2229	F1G1H222A571	C 2200PF , 50V	
	C2230	F1G1C104A081	C 0.1UF , 16V	
	C2232	F1H1E104A029	C 0.1UF , 25V	
	C2234	F1H1E104A029	C 0.1UF , 25V	
	C2237	F1J1E105A231	C 1UF , 25V	
	C2238	F1J1E105A231	C 1UF , 25V	
	C2240	F1H1E333A029	C 0.033UF , 25V	
	C2241	F1H1E333A029	C 0.033UF , 25V	
	C2242	F1H1E333A029	C 0.033UF , 25V	
	C2243	F1H1E333A029	C 0.033UF , 25V	
	C2244	F1J1H474A757	C 0.47UF , 50V	
	C2245	F1J1H474A757	C 0.47UF , 50V	
	C2246	F1J1H104A717	C 0.1UF , 50V	
	C2247	F1J1H104A717	C 0.1UF , 50V	
	C2248	F1H1H223A219	C 0.022UF , 50V	
	C2249	F1H1H223A219	C 0.022UF , 50V	
	C2250	F1J1H104A717	C 0.1UF , 50V	
	C2251	F1J1H104A717	C 0.1UF , 50V	
	C2252	F1H1H223A219	C 0.022UF , 50V	
	C2253	F1H1H223A219	C 0.022UF , 50V	
	C2254	F1H1E104A029	C 0.1UF , 25V	
	C2255	F1H1E104A029	C 0.1UF , 25V	
	C2256	F1H1H223A219	C 0.022UF , 50V	
	C2257	F1H1H223A219	C 0.022UF , 50V	
	C2258	F1H1H223A219	C 0.022UF , 50V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C2259	F1H1H223A219	C 0.022UF , 50V	
	C2260	F1G1H1020008	C 1000PF , 50V	
	C2261	F1G1H1020008	C 1000PF , 50V	
	C2262	F1G1H1020008	C 1000PF , 50V	
	C2263	F1G1H1020008	C 1000PF , 50V	
	C2264	F1H1E104A029	C 0.1UF , 25V	
	C2266	F1K1E106A136	C 10UF , 25V	
	C2267	F1H1H103A219	C 0.01UF , 50V	
	C2268	F2H1C470A041	E 47UF , 16V	
	C2269	F1J1A475A087	C 4.7UF, 10V	
	C2271	F1H1C105A145	C 1UF , 16V	
	C2272	F1G1E1030005	C 0.1UF,K, 25V	
	C2273	F1J1A106A087	C 10UF , 10V	
	C2274	F1J1A106A087	C 10UF , 10V	
	C2275	F1J1E105A231	C 1UF , 25V	
	C2277	F1H1C105A145	C 1UF , 16V	
	C2279	F1G1C104A081	C 0.1UF , 16V	
	C2282	F1J1A106A087	C 10UF , 10V	
	C2285	F1J1A106A087	C 10UF , 10V	
	C2294	F2H0J221A055	C 220UF , 6.3V	
	C2295	F2H0J221A055	C 220UF , 6.3V	
	C2296	F1H1A225A051	C 2.2UF , 10V	
	C2297	F1H1A225A051	C 2.2UF , 10V	
	C2298	F1H0J1050013	C 1UF , 6.3V	
	C2299	F2H1A101A040	E 100UF , 10V	
	C2300	F2H1A101A040	E 100UF , 10V	
	C2301	F1G1C104A081	C 0.1UF , 16V	
	C2302	F2H1A220A039	C 22UF , 10V	
	C2305	F1J1E105A231	C 1UF , 25V	
	C2306	F1H1C105A145	C 1UF , 16V	
	C2307	F1H0J1050013	C 1UF , 6.3V	
	C2308	F1G1H220A565	C 22PF , 50V	
	C2309	F1H1A225A051	C 2.2UF , 10V	
	C2310	F1H1A225A051	C 2.2UF , 10V	
	C2318	F1H1H102A970	C 1000PF , 50V	
	C2319	F1H1H102A970	C 1000PF , 50V	
	C2501	F2G0J470A019	E 47UF , 6.3V	
	C2502	F1G1C103A116	C 0.01UF , 16V	
	C2505	F1H1C104A143	C 0.1UF,K, 16V	
	C2514	F1J1A106A087	C 10UF , 10V	
	C2700	F1G1E1030005	C 0.01UF , 25V	
	C2701	F1G1E1030005	C 0.01UF , 25V	
	C4125	F1G1E1030005	C 0.01UF , 25V	
	C4250	F1H1H103A970	C 0.01UF , 50V	
	C4251	F1H1H103A970	C 0.01UF , 50V	
	C4252	F2H1C470A041	E 47UF , 16V	
	C4539	F1H0J1050013	C 1UF , 6.3V	
	C4540	F1H0J1050013	C 1UF , 6.3V	
	C4541	F1H0J1050013	C 1UF , 6.3V	
	C4546	F1H0J1050013	C 1UF , 6.3V	
	C4548	F1H0J1050013	C 1UF , 6.3V	
	C4551	F1G1E1030005	C 0.01UF , 25V	
	C4704	F2H1A101A040	E 100UF , 10V	
	C4705	F1G1C104A081	C 0.1UF, 16V	
	C4706	F1H1A105A025	C 1UF , 10V	
	C4707	F1H1A105A025	C 1UF , 10V	
	C4718	F1G1C104A081	C 0.1UF, 16V	
	C4721	F1G1C104A081	C 0.1UF, 16V	
	C4772	F1G1C104A081	C 0.1UF, 16V	
	C4779	F1J0J106A004	C 10UF , 6.3V	
	C4792	F1H1H102A831	C 1000PF , 50V	
	C4793	F1H1H102A831	C 1000PF , 50V	
	C4796	F1H1E104A029	C 0.1UF , 25V	
	C4797	F1K1C106A126	C 10UF , 16V	
	C4798	F1G1C104A081	C 0.1UF, 16V	
	C4799	F1G1C104A081	C 0.1UF, 16V	
	C5431	F1J1E105A231	C 1UF , 25V	
	C5521	F1G1C104A081	C 0.1UF, 16V	
	C5522	F1G1C104A081	C 0.1UF, 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C5689	FLK0J226A008	C 22UF , 6.3V	
	C5690	FLK0J226A008	C 22UF , 6.3V	
	C5692	FLK1E106A136	C 10UF , 25V	
	C5694	FLH1E104A029	C 0.1UF , 25V	
	C5695	FLG1E1030005	C 0.01UF , 25V	
	C5696	FLG1E1030005	C 0.01UF , 25V	
	C5700	FLH0J475A041	C 4.7UF , 6.3V	
	C5701	FLH0J475A041	C 4.7UF , 6.3V	
	C5702	FLH1A105A025	C 1UF , 10V	
	C5703	FLH1A105A025	C 1UF , 10V	
	C5704	FLK1E106A136	C 10UF , 25V	
	C5705	FLK1E106A136	C 10UF , 25V	
	C5706	FLG1E1030005	C 0.01UF , 25V	
	C5707	FLG1C104A081	C 0.1UF , 16V	
	C5708	FLK0J226A008	C 22UF , 6.3V	
	C5709	FLK0J226A008	C 22UF , 6.3V	
	C5711	FLK1E106A136	C 10UF , 25V	
	C5713	FLH1E104A029	C 0.1UF , 25V	
	C5714	FLG1C153A081	C 0.015UF , 16V	
	C5715	FLG1E822A123	C 8200PF , 25V	
	C5719	FLK0J226A008	C 22UF , 6.3V	
	C5720	FLK0J226A008	C 22UF , 6.3V	
	C5722	FLK1E106A136	C 10UF , 25V	
	C5724	FLH1E104A029	C 0.1UF , 25V	
	C5725	FLG1C153A081	C 0.015UF , 16V	
	C5726	FLG1C153A081	C 0.015UF , 16V	
	C5730	FLK1E106A136	C 10UF , 25V	
	C5731	FLK1E106A136	C 10UF , 25V	
	C5734	FLJ1E105A231	C 1UF , 25V	
	C5736	FLH0J1050013	C 1UF , 6.3V	
	C5737	FLH0J1050013	C 1UF , 6.3V	
	C5738	FLH0J1050013	C 1UF , 6.3V	
	C5739	FLH0J1050013	C 1UF , 6.3V	
	C5764	FLH1A105A025	C 1UF , 10V	
	C5765	FLH1A105A025	C 1UF , 10V	
	C5771	FLH1E333A029	C 0.033UF , 25V	
	C5776	FLJ1A106A087	C 10UF , 10V	
	C5777	FLJ1A106A087	C 10UF , 10V	
	C5778	FLG1H102A730	C 1000PF , 50V	
	C5779	FLG1H102A730	C 1000PF , 50V	
	C5780	FLG1H102A730	C 1000PF , 50V	
⚠	C7010	FOCAF224A117	C 0.22UF , 240V	
⚠	C7011	FOCAF224A117	C 0.22UF , 240V	
⚠	C7015	FLA2E471A003	C 4700PF , 250V	
⚠	C7016	FLA2E471A003	C 4700PF , 250V	
⚠	C7017	FLA2E471A003	C 4700PF , 250V	
⚠	C7018	FLA2E471A003	C 4700PF , 250V	
	C7227	FLJ1H474A757	C 0.47UF , 50V	
	C7229	FLJ1A335A064	C 3.3UF , 10V	
	C7233	FLA3A221A060	C 220PF , 1kV	
	C7235	F2A2W390A200	C 39UF , 450V	
	C7236	FOC2H105A018	C 1UF , 500V	
	C7237	FLJ1A684A084	C 0.68UF , 10V	
	C7240	FLJ1H221A834	C 220PF , 50V	
	C7241	FLJ1H102A834	C 1000PF , 50V	
	C7243	F2A2W390A200	C 39UF , 450V	
	C7244	F2A2W390A200	C 39UF , 450V	
	C7245	F2A2W390A200	C 39UF , 450V	
	C7319	FLJ1A106A087	C 10UF , 10V	
	C7320	F2A1V220B453	E 22UF , 35V	
	C7321	F2A1E470A801	E 47UF , 25V	
	C7322	FLJ1H103A834	C 0.01UF , 50V	
	C7323	FLJ1E105A231	C 1UF , 25V	
	C7324	FLJ1H104A717	C 0.1UF , 50V	
	C7325	FLJ1H474A757	C 0.47UF , 50V	
	C7326	FLJ1C1050028	C 1UF , 16V	
	C7327	FLA3A471A060	C 470PF , 1kV	
	C7328	FLJ1H681A834	C 680PF , 50V	
	C7329	FOC3A273A046	C 0.027UF , 1kV	
	C7331	FLA3A100A058	C 10PF , 1kV	
	C7332	FLA3A100A058	C 10PF , 1kV	
	C7333	FLA3A101A060	C 100PF , 1kV	
	C7334	FLJ1H101A836	C 100PF , 50V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C7335	FLJ1H104A717	C 0.1UF , 50V	
	C7411	ECQE2103KFW	C 0.01UF , 250V	
	C7413	FLJ1H474A757	C 0.47UF , 50V	
	C7414	FLJ1H103A834	C 0.01UF , 50V	
	C7415	F2A1V220B453	E 22UF , 35V	
	C7416	F2A1E470A801	E 47UF , 25V	
	C7418	FLJ1H104A835	C 0.1UF , 50V	
	C7421	FLA2E471A003	C 470PF , 240V	
	C7518	FLJ1E333A226	C 0.033UF , 25V	
	C7519	F2A1E102B715	C 1000UF , 25V	
	C7520	F2A1H471B756	C 470UF , 50V	
	C7523	FLJ1H104A717	C 0.1UF , 50V	
	C7524	FLJ1H104A717	C 0.1UF , 50V	
	C7525	F2A1C102B818	C 1000UF , 16V	
	C7526	FLB2H102A073	C 1000PF , 500V	
	C7527	FLB2H102A073	C 1000PF , 500V	
	C7528	FLB2H102A073	C 1000PF , 500V	
	C7529	FLB2H102A073	C 1000PF , 500V	
	C7530	FLB2H102A073	C 1000PF , 500V	
	C7532	FLJ1H102A834	C 1000PF , 50V	
	C7533	FLJ1H102A834	C 1000PF , 50V	
	C7534	F2A1E102B715	C 1000PF , 25V	
	C7535	FLJ1H104A717	C 0.1UF , 50V	
	C7536	FLJ1H104A717	C 0.1UF , 50V	
	C7538	FLJ1E105A231	C 1UF , 25V	
	C7539	FLJ1A1050002	C 1UF , 10V	
	C7540	FLJ1A1050002	C 1UF , 10V	
	C7541	FLJ1A1050002	C 1UF , 10V	
	C7542	FLJ1A1050002	C 1UF , 10V	
	C7543	FLJ1H102A834	C 1000PF , 50V	
	C7544	FLJ1H104A717	C 0.1UF , 50V	
	C7600	F2A1C102B818	C 1000UF , 16V	
	C7601	FLJ1H474A757	C 0.04UF , 50V	
	C7604	FLB2H471A058	C 470PF , 500V	
	C7605	FLJ1A1050002	C 1UF , 10V	
	C7800	FLJ1E475A182	C 4.7UF , 25V	
	C7802	FLJ1E105A231	C 1UF , 25V	
	C7803	FLJ1H332A834	C 3300PF , 50V	
	C7804	FLJ1E475A182	C 4.7UF , 25V	
	C7805	FLK1E225A085	C 2.2UF , 25V	
	C7806	FLJ1H104A717	C 0.1UF , 50V	
	C7808	FLJ1E475A182	C 4.7UF , 25V	
	C7809	FLJ1H103A834	C 0.01UF , 50V	
	C7813	FLJ1E105A231	C 1UF , 25V	
	C7814	FLJ1H332A834	C 3300PF , 50V	
	C7815	FLJ1E475A182	C 4.7UF , 25V	
	C7816	FLK1E225A085	C 2.2UF , 25V	
	C7817	FLJ1H104A717	C 0.1UF , 50V	
	C7819	FLJ1E475A182	C 4.7UF , 25V	
	C7820	FLJ1H103A834	C 0.01UF , 50V	
	C7824	FLJ1E475A182	C 4.7UF , 25V	
	C7826	F2A2C470A208	C 47UF , 160V	
	C7828	F2A2C470A208	C 47UF , 160V	
	C7832	FLJ1H103A834	C 0.01UF , 50V	
	C7833	F2A2C470A208	C 47UF , 160V	
	C7834	F2A2C470A208	C 47UF , 160V	
	C7835	FLJ1H103A834	C 0.01UF , 50V	
	C7838	FLA3A221A060	C 220PF , 1kV	
	C7839	FLA3A221A060	C 220PF , 1kV	
	C8001	FLH0J1050013	C 1UF , 6.3V	
	C8002	FLH0J1050013	C 1UF , 6.3V	
	C8003	FLG1C104A081	C 0.1UF , 16V	
	C8004	FLG1C104A081	C 0.1UF , 16V	
	C8005	FLG1C104A081	C 0.1UF , 16V	
	C8006	FLG1C104A081	C 0.1UF , 16V	
	C8007	FLG1H6R0A732	C 6PF , 50V	
	C8008	FLG1H7R0A732	C 7PF , 50V	
	C8009	FLJ1A475A087	C 4.7UF , 10V	
	C8011	FLG1C104A081	C 0.1UF , 16V	
	C8012	FLG1C104A081	C 0.1UF , 16V	
	C8013	FLG1C104A081	C 0.1UF , 16V	
	C8014	FLG1C104A081	C 0.1UF , 16V	
	C8015	FLG1C151A117	C 150PF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8016	F1G1C104A081	C 0.1UF , 16V	
	C8017	F1G1C104A081	C 0.1UF , 16V	
	C8018	F1G1C104A081	C 0.1UF , 16V	
	C8019	F1G1C104A081	C 0.1UF , 16V	
	C8020	F1G1C104A081	C 0.1UF , 16V	
	C8021	F1G1C104A081	C 0.1UF , 16V	
	C8022	F1G1C103A116	C 0.01UF , 16V	
	C8023	F1G1H5R0A564	C 5PF , 50V	
	C8024	F1G1E1030005	C 0.01UF , 25V	
	C8025	F1G1C5R0A118	C 5PF , 16V	
	C8026	F1G1E1030005	C 0.01UF , 25V	
	C8027	F1G1C104A081	C 0.1UF , 16V	
	C8028	F1G1C104A081	C 0.1UF , 16V	
	C8029	F1G1E153A103	C 0.015UF , 25V	
	C8030	F1J1A106A087	C 10UF , 10V	
	C8033	F1J1A106A087	C 10UF , 10V	
	C8034	F1G1C104A081	C 0.1UF , 16V	
	C8035	F1J1A106A087	C 10UF , 10V	
	C8036	F1G1C104A081	C 0.1UF , 16V	
	C8037	F1G1C104A081	C 0.1UF , 16V	
	C8038	F1G1C104A081	C 0.1UF , 16V	
	C8039	F1J1A106A087	C 10UF , 10V	
	C8040	F1G1C104A081	C 0.1UF , 16V	
	C8041	F1J1A106A087	C 10UF , 10V	
	C8042	F1G1C104A081	C 0.1UF , 16V	
	C8043	F1G1A105A047	C 1UF , 10V	
	C8044	F1G1A105A047	C 1UF , 10V	
	C8045	F1G1A105A047	C 1UF , 10V	
	C8046	F1J0G2260001	C 220UF , 4V	
	C8047	F1G1C104A081	C 0.1UF , 16V	
	C8048	F1G1H1020008	C 1000PF , 50V	
	C8049	F1H0J1050013	C 1UF , 6.3V	
	C8050	F1G1C104A081	C 0.1UF , 16V	
	C8051	F1J1A106A087	C 10UF , 10V	
	C8053	F1G1C104A081	C 0.1UF , 16V	
	C8054	F1G1C104A081	C 0.1UF , 16V	
	C8056	F1G1C104A081	C 0.1UF , 16V	
	C8058	F1J1A106A087	C 10UF , 10V	
	C8059	F1H0J1050013	C 1UF , 6.3V	
	C8060	F1G1C104A081	C 0.1UF , 16V	
	C8061	F1G1H1020008	C 1000PF , 50V	
	C8062	F1G1C104A081	C 0.1UF , 16V	
	C8063	F1G1H1020008	C 1000PF , 50V	
	C8064	F1H0J1050013	C 1UF , 6.3V	
	C8065	F1G1C104A081	C 0.1UF , 16V	
	C8067	F1H0J1050013	C 1UF , 6.3V	
	C8068	F1H0J1050013	C 1UF , 6.3V	
	C8069	F1G1C104A081	C 0.1UF , 16V	
	C8070	F1G1H1020008	C 1000PF , 50V	
	C8071	F1G1C104A081	C 0.1UF , 16V	
	C8073	F1G1C104A081	C 0.1UF , 16V	
	C8074	F1G1H1020008	C 1000PF , 50V	
	C8075	F1G1C104A081	C 0.1UF , 16V	
	C8078	F1H0J1050013	C 1UF , 6.3V	
	C8079	F1H0J1050013	C 1UF , 6.3V	
	C8080	F1H0J1050013	C 1UF , 6.3V	
	C8081	F1H0J1050013	C 1UF , 6.3V	
	C8082	F1J1A106A087	C 10UF , 10V	
	C8097	F1J1A106A087	C 10UF , 10V	
	C8101	F1G1C104A081	C 0.1UF , 16V	
	C8102	F1G1H5R0A564	C 5PF , 50V	
	C8104	F1G1H1020008	C 1000PF , 50V	
	C8105	F1G1H1020008	C 1000PF , 50V	
	C8110	F1G1C104A081	C 0.1UF , 16V	
	C8111	F1J1A106A087	C 10UF , 10V	
	C8112	F1G1H1020008	C 1000PF , 50V	
	C8113	F1H0J1050013	C 1UF , 6.3V	
	C8116	F1G1C104A081	C 0.1UF , 16V	
	C8120	F1G1C104A081	C 0.1UF , 16V	
	C8121	F1G1H1020008	C 1000PF , 50V	
	C8127	F1G1C104A081	C 0.1UF , 16V	
	C8130	F1G1C104A081	C 0.1UF , 16V	
	C8131	F1G1H1020008	C 1000PF , 50V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8132	F1H0J1050013	C 1UF , 6.3V	
	C8133	F1G1H1020008	C 1000PF , 50V	
	C8136	F1G1C104A081	C 0.1UF , 16V	
	C8139	F1G1C104A081	C 0.1UF , 16V	
	C8140	F1G1H1020008	C 1000PF , 50V	
	C8141	F1G1C104A081	C 0.1UF , 16V	
	C8143	F1G1A105A047	C 1UF , 10V	
	C8144	F1G1A105A047	C 1UF , 10V	
	C8145	F1G1C104A081	C 0.1UF , 16V	
	C8146	F1G1H1020008	C 1000PF , 50V	
	C8147	F1G1C104A081	C 0.1UF , 16V	
	C8148	F1G1H1020008	C 1000PF , 50V	
	C8303	F1G1H1020008	C 1000PF , 50V	
	C8304	F1H0J1050013	C 1UF , 6.3V	
	C8305	F1G1H221A541	C 220PF , 50V	
	C8306	F1G1H152A571	C 1500PF , 50	
	C8307	F1G1H222A571	C 2200PF , 50V	
	C8308	F1G1C104A081	C 0.1UF , 16V	
	C8312	F1G1H181A541	C 180PF , 50V	
	C8313	F1G1C104A081	C 0.1UF , 16V	
	C8314	F1G1C104A081	C 0.1UF , 16V	
	C8315	F1G1H1020008	C 1000PF , 50V	
	C8324	F2H0J221A055	C 220UF , 6.3V	
	C8349	F1G1H1020008	C 1000PF , 50V	
	C8350	F1G1C104A081	C 0.1UF , 16V	
	C8351	F1G1H1020008	C 1000PF , 50V	
	C8352	F1G1C104A081	C 0.1UF , 16V	
	C8353	F1H0J1050013	C 1UF , 6.3V	
	C8355	F1H0J1050013	C 1UF , 6.3V	
	C8370	F1G1C104A081	C 0.1UF , 16V	
	C8501	F1G1C104A081	C 0.1UF , 16V	
	C8503	F1G1C104A081	C 0.1UF , 16V	
	C8504	F1G1C104A081	C 0.1UF , 16V	
	C8505	F1G1C104A081	C 0.1UF , 16V	
	C8506	F1G1C104A081	C 0.1UF , 16V	
	C8512	F2H1C470A041	E 47UF , 16V	
	C8513	F1G1C104A081	E 47UF , 16V	
	C8514	F1G1E1030005	C 0.01UF , 25V	
	C8515	F1J1A106A087	C 10UF , 10V	
	C8517	F1J1A106A087	C 10UF , 10V	
	C8519	F1H0J1050013	C 1UF , 6.3V	
	C8520	F1G1C104A081	C 0.1UF , 16V	
	C8851	F1H1A105A025	C 1UF , 10V	
	C8852	F1H1A105A025	C 1UF , 10V	
	C9001	F1H1H103A970	C 1000PF , 50V	
	C9002	F1K1E4750002	C 4.7UF , 25V	
	C9003	F1K1E4750002	C 4.7UF , 25V	
	C9005	F1G1H221A731	C 220PF , 50V	
	C9028	F1G1H150A731	C 15PF , 50V	
	C9029	F1G1H180A731	C 180PF , 50V	
	C9033	F1H0J1050013	C 1UF , 6.3V	
	C9036	F1J1A106A087	C 10UF , 10V	
	C9037	F1G1C104A116	C 0.1UF , 16V	
	C9038	F1G1C104A116	C 0.1UF , 16V	
	C9039	F1G1C104A116	C 0.1UF , 16V	
	C9040	F1G1C104A116	C 0.1UF , 16V	
	C9041	F1G1C104A116	C 0.1UF , 16V	
	C9042	F1J1A106A087	C 10UF , 10V	
	C9043	F1J1A106A087	C 10UF , 10V	
	C9044	F1H0J1050013	C 1UF , 6.3V	
	C9045	F1H0J1050013	C 1UF , 6.3V	
	C9046	F1G1C104A116	C 0.1UF , 16V	
	C9047	F1G1C104A116	C 0.1UF , 16V	
	C9048	F1G1C104A116	C 0.1UF , 16V	
	C9049	F1G1C104A116	C 0.1UF , 16V	
	C9050	F1G1C104A116	C 0.1UF , 16V	
	C9051	F1G1C104A116	C 0.1UF , 16V	
	C9052	F1J1A106A087	C 10UF , 10V	
	C9053	F1G1C104A116	C 0.1UF , 16V	
	C9054	F1G1C104A116	C 0.1UF , 16V	
	C9055	F1G1C104A116	C 0.1UF , 16V	
	C9056	F1G1C104A116	C 0.1UF , 16V	
	C9057	F1G1C104A116	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C9058	F1G1C104A116	C 0.1UF , 16V	
	C9059	F1J1A106A087	C 10UF , 10V	
	C9060	F1H0J1050013	C 1UF , 6.3V	
	C9061	F1H0J1050013	C 1UF , 6.3V	
	C9062	F1G1C104A116	C 0.1UF , 16V	
	C9063	F1G1C104A116	C 0.1UF , 16V	
	C9064	F1G1C104A116	C 0.1UF , 16V	
	C9065	F1G1C104A116	C 0.1UF , 16V	
	C9066	F1G1C104A116	C 0.1UF , 16V	
	C9067	F1G1C104A116	C 0.1UF , 16V	
	C9068	F1J0J106A004	C 10UF , 6.3V	
	C9069	F1G1C104A116	C 0.1UF , 16V	
	C9070	F1G1C104A116	C 0.1UF , 16V	
	C9071	F1G1C104A116	C 0.1UF , 16V	
	C9072	F1G1C104A116	C 0.1UF , 16V	
	C9073	F1H0J1050013	C 1UF , 6.3V	
	C9074	F1G1C104A116	C 0.1UF , 16V	
	C9075	F1G1C104A116	C 0.1UF , 16V	
	C9076	F1G1C104A116	C 0.1UF , 16V	
	C9077	F1G1C104A116	C 0.1UF , 16V	
	C9078	F1J0J106A004	C 10UF , 6.3V	
	C9079	F1G1C104A116	C 0.1UF , 16V	
	C9080	F1G1C104A116	C 0.1UF , 16V	
	C9081	F1G1C104A116	C 0.1UF , 16V	
	C9082	F1G1C104A116	C 0.1UF , 16V	
	C9083	F1H0J1050013	C 1UF , 6.3V	
	C9084	F1G1C104A116	C 0.1UF , 16V	
	C9085	F1G1C104A116	C 0.1UF , 16V	
	C9086	F1G1C104A116	C 0.1UF , 16V	
	C9087	F1G1C104A116	C 0.1UF , 16V	
	C9088	F1G1C104A116	C 0.1UF , 16V	
	C9089	F1G1C104A116	C 0.1UF , 16V	
	C9090	F1G1C104A116	C 0.1UF , 16V	
	C9091	F1G1C104A116	C 0.1UF , 16V	
	C9092	F1G1C104A116	C 0.1UF , 16V	
	C9093	F1G1C104A116	C 0.1UF , 16V	
	C9094	F1G1C104A116	C 0.1UF , 16V	
	C9095	F1G1C104A116	C 0.1UF , 16V	
	C9097	F1G1C104A116	C 0.1UF , 16V	
	C9098	F1G1C104A116	C 0.1UF , 16V	
	C9099	F1G1C103A116	C 0.01UF , 16V	
	C9100	F1G1H102A730	C 1000PF , 50V	
	C9101	F1J1A475A087	C 4.7UF , 10V	
	C9102	F1H1C105A145	C 1UF , 16V	
	C9103	F1G1H102A730	C 1000PF , 50V	
	C9104	F1H1C104A143	C 0.1UF,K, 16V	
	C9105	F1H1C104A143	C 0.1UF,K, 16V	
	C9106	F1K1E106A136	C 10UF , 25V	
	C9107	F1K1E106A136	C 10UF , 25V	
	C9108	F1K1E106A136	C 10UF , 25V	
	C9109	F1K1E106A136	C 10UF , 25V	
	C9112	F1K0J226A008	C 22UF , 6.3V	
	C9113	F1K0J226A008	C 22UF , 6.3V	
	C9114	F1K0J226A008	C 22UF , 6.3V	
	C9115	F1K0J226A008	C 22UF , 6.3V	
	C9116	F1K0J226A008	C 22UF , 6.3V	
	C9117	F1K0J226A008	C 22UF , 6.3V	
	C9119	F1J1E105A231	C 1UF , 25V	
	C9125	F1G1C103A116	C 0.01UF , 16V	
	C9126	F1G1C104A116	C 0.1UF , 16V	
	C9127	F1G1C104A116	C 0.1UF , 16V	
	C9128	F1G1C104A116	C 0.1UF , 16V	
	C9129	F1G1C104A116	C 0.1UF , 16V	
	C9130	F1G1C104A116	C 0.1UF , 16V	
	C9131	F1G1C104A116	C 0.1UF , 16V	
	C9132	F1G1C104A116	C 0.1UF , 16V	
	C9133	F1G1C104A116	C 0.1UF , 16V	
	C9134	F1G1C104A116	C 0.1UF , 16V	
	C9135	F1G1C104A116	C 0.1UF , 16V	
	C9136	F1G1C104A116	C 0.1UF , 16V	
	C9137	F1G1C104A116	C 0.1UF , 16V	
	C9138	F1G1C104A116	C 0.1UF , 16V	
	C9139	F1G1C104A116	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C9140	F1G1C104A116	C 0.1UF , 16V	
	C9141	F1G1C104A116	C 0.1UF , 16V	
	C9142	F1G1C104A116	C 0.1UF , 16V	
	C9143	F1G1C104A116	C 0.1UF , 16V	
	C9144	F1G1C104A116	C 0.1UF , 16V	
	C9145	F1G1C104A116	C 0.1UF , 16V	
	C9146	F1G1C104A116	C 0.1UF , 16V	
	C9147	F1G1C104A116	C 0.1UF , 16V	
	C9152	F1G1C104A116	C 0.1UF , 16V	
	C9153	F1G1C104A116	C 0.1UF , 16V	
	C9154	F1G1C104A116	C 0.1UF , 16V	
	C9201	F1G1C104A116	C 0.1UF , 16V	
	C9202	F1G1C104A116	C 0.1UF , 16V	
	C9203	F1G1C104A116	C 0.1UF , 16V	
	C9204	F1G1C104A116	C 0.1UF , 16V	
	C9205	F1G1C104A116	C 0.1UF , 16V	
	C9206	F1G1C104A116	C 0.1UF , 16V	
	C9207	F1G1C104A116	C 0.1UF , 16V	
	C9208	F1G1C104A116	C 0.1UF , 16V	
	C9209	F1G1C104A116	C 0.1UF , 16V	
	C9210	F1G1C104A116	C 0.1UF , 16V	
	C9211	F1G1C104A116	C 0.1UF , 16V	
	C9212	F1G1C104A116	C 0.1UF , 16V	
	C9213	F1G1C104A116	C 0.1UF , 16V	
	C9214	F1G1C104A116	C 0.1UF , 16V	
	C9215	F1G1C104A116	C 0.1UF , 16V	
	C9216	F1G1C104A116	C 0.1UF , 16V	
	C9217	F1G1C104A116	C 0.1UF , 16V	
	C9218	F1G1C104A116	C 0.1UF , 16V	
	C9219	F1G1C104A116	C 0.1UF , 16V	
	C9220	F1G1C104A116	C 0.1UF , 16V	
	C9221	F1G1C104A116	C 0.1UF , 16V	
	C9222	F1G1C104A116	C 0.1UF , 16V	
	C9223	F1G1C104A116	C 0.1UF , 16V	
	C9224	F1G1C104A116	C 0.1UF , 16V	
	C9225	F1G1C104A116	C 0.1UF , 16V	
	C9226	F1G1C104A116	C 0.1UF , 16V	
	C9227	F1G1C104A116	C 0.1UF , 16V	
	C9228	F1G1C104A116	C 0.1UF , 16V	
	C9229	F1G1C104A116	C 0.1UF , 16V	
	C9230	F1G1C104A116	C 0.1UF , 16V	
	C9231	F1G1C104A116	C 0.1UF , 16V	
	C9232	F1G1C104A116	C 0.1UF , 16V	
	C9233	F1G1C104A116	C 0.1UF , 16V	
	C9234	F1G1H150A731	C 15PF , 50V	
	C9235	F1G1H150A731	C 15PF , 50V	
	C9236	F1G1C104A116	C 0.1UF , 16V	
	C9237	F1J1A106A087	C 10UF , 10V	
	C9238	F1J1A106A087	C 10UF , 10V	
	C9239	F1G1C104A116	C 0.1UF , 16V	
	C9240	F1G1C104A116	C 0.1UF , 16V	
	C9241	F1K1E106A136	C 10UF , 25V	
	C9242	F1L1H105A059	C 1UF , 50V	
	C9243	F1K1E106A136	C 10UF , 25V	
	C9247	F1H1C105A145	C 1UF , 16V	
	C9248	F1J1E105A231	C 1UF , 25V	
	C9249	F1L1H105A059	C 1UF , 50V	
	C9250	F1G1H220A731	C 22PF , 50V	
	C9251	F1K1E106A136	C 10UF , 25V	
	C9252	F1K1E106A136	C 10UF , 25V	
	C9254	F1K1E106A136	C 10UF , 25V	
	C9255	F1J1A106A087	C 10UF , 10V	
	C9256	F1H1H104A970	C 0.1UF , 50V	
	C9257	F1J1A106A087	C 10UF , 10V	
	C9258	F1J1A106A087	C 10UF , 10V	
	C9259	F1J1A106A087	C 10UF , 10V	
	C9260	F1H1E104A129	C 0.1UF , 25V	
	C9261	F1J1C474A104	C 0.47UF , 16V	
	C9262	F1H1H104A970	C 0.1UF , 50V	
	C9263	F1K1E106A136	C 10UF , 25V	
	C9264	F1K1E106A136	C 10UF , 25V	
	C9265	F1K1E106A136	C 10UF , 25V	
	C9266	F1K1E106A136	C 10UF , 25V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C9267	F1K1E106A136	C 10UF , 25V	
	C9268	F1H1E104A129	C 10UF , 25V	
	C9269	F1H1H223A970	C 0.022UF , 50V	
	C9270	F1H1E104A129	C 0.1UF , 25V	
	C9271	F1G1H102A730	C 1000PF , 50V	
	C9272	F1K1E106A136	C 10UF , 25V	
	C9273	F1G1H102A730	C 1000PF , 50V	
	C9274	F1H1H104A970	C 0.1UF , 50V	
	C9275	F1K1E106A136	C 10UF , 25V	
	C9276	F1H1H104A970	C 0.1UF , 50V	
	C9277	F1H1H104A970	C 0.1UF , 50V	
	C9278	F1H1H223A970	C 0.022UF , 50V	
	C9279	F1G1H221A731	C 220PF , 50V	
	C9280	F1G1H152A730	C 1500PF , 50V	
	C9283	F1H1H104A970	C 0.1UF , 50V	
	C9284	F1J1E105A231	C 1UF , 25V	
	C9285	F1K1E106A136	C 10UF , 25V	
	C9286	F1K1E106A136	C 10UF , 25V	
	C9287	F1H1H104A970	C 0.1UF , 50V	
	C9288	F1K1E106A136	C 10UF , 25V	
	C9289	F1H1H104A970	C 0.1UF , 50V	
	C9290	F1K1E106A136	C 10UF , 25V	
	C9291	F1G1H121A731	C 120PF , 50V	
	C9292	F1K1H475A210	C 4.7UF , 50V	
	C9293	F1K1H475A210	C 4.7UF , 50V	
	C9297	F1G1C104A116	C 0.1UF , 16V	
	C9298	F1K1E106A136	C 10UF , 25V	
	C9299	F1J1A106A043	C 10UF , 10V	
	C9300	F1H1H104A970	C 0.1UF , 50V	
	C9301	F1H1H103A970	C 0.01UF , 50V	
	C9302	F1H1E104A129	C 0.1UF , 25V	
	C9303	F1J1A106A043	C 10UF , 10V	
	C9304	F1K1E106A136	C 10UF , 25V	
	C9305	F1H1H104A970	C 0.1UF , 50V	
	C9306	F1H1H103A970	C 0.01UF , 50V	
	C9307	F1H1E104A129	C 0.1UF , 25V	
	C9308	F1G1C104A116	C 0.1UF , 16V	
	C9309	F1G1C104A116	C 0.1UF , 16V	
	C9310	F1G1C104A116	C 0.1UF , 16V	
	C9311	F1G1C104A116	C 0.1UF , 16V	
	C9312	F1G1C104A116	C 0.1UF , 16V	
	C9313	F1G1C104A116	C 0.1UF , 16V	
	C9314	F1G1C104A116	C 0.1UF , 16V	
	C9315	F1H1H104A970	C 0.1UF , 50V	
	C9316	F1H1H104A970	C 0.1UF , 50V	
	C9317	F1H1H104A970	C 0.1UF , 50V	
	C9318	F1K1E106A136	C 10UF , 25V	
	C9319	F1K1E106A136	C 10UF , 25V	
	C9325	F1H1H104A970	C 0.1UF , 50V	
	C9329	F1J1E105A231	C 1UF , 25V	
	C9331	F1H1E104A129	C 0.1UF , 25V	
	C9333	F1H1H104A970	C 0.1UF , 50V	
	C9334	F1H1H104A970	C 0.1UF , 50V	
	C9335	F1K1E106A136	C 10UF , 25V	
	C9336	F1H1H104A970	C 0.1UF , 50V	
		DIODES		
	D1002	EZJZ0V120JA	VARISTOR	
	D1003	EZJZ0V120JA	VARISTOR	
	D1004	J0ZZB0000133	DIODE	
	D1005	J0ZZB0000133	DIODE	
	D1006	J0ZZB0000133	DIODE	
	D1007	J0ZZB0000133	DIODE	
	D1008	J0ZZB0000133	DIODE	
	D2144	B0JCME000076	DIODE	
	D2145	B0ACCCJ000051	DIODE	
	D2300	B0BC01100001	DIODE	
	D2500	B3AGB0000057	DIODE	
	D4102	EZJZ0V120JA	VARISTOR	
	D4503	J0ZZB0000133	DIODE	
	D4504	DZ2J056M0L	DIODE	
	D4505	DZ2J056M0L	DIODE	
	D4506	J0ZZB0000133	DIODE	
	D4507	J0ZZB0000133	DIODE	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	D4508	J0ZZB0000133	DIODE	
	D4509	DZ2J056M0L	DIODE	
	D4510	J0ZZB0000133	DIODE	
	D4511	J0ZZB0000133	DIODE	
	D4703	B0JCME000076	DIODE	
	D4705	B0ACCCJ000051	DIODE	
	D4706	B0JCME000076	DIODE	
	D4707	B0ACCCJ000051	DIODE	
	D5419	B0BC03900015	DIODE	
	D5600	B0ADEJ000044	DIODE	
	D5629	B0BC8R100004	DIODE	
	D5633	B0ACCCJ000051	DIODE	
	D5670	B0ACCCJ000051	DIODE	
	D5671	B0ACCCJ000051	DIODE	
	D5702	B0ACCCJ000051	DIODE	
	D5765	B0HCMM000014	DIODE	
	D5770	B0JCPG000030	DIODE	
	D5771	B0JCPG000030	DIODE	
	D5772	B0JCPG000030	DIODE	
	D7003	B0HAGQ000001	DIODE	
⚠	D7004	ERZV10V621CS	VARISTOR	
⚠	D7005	ERZV10V621CS	VARISTOR	
	D7006	B0FBAT000018	DIODE	
	D7208	B0JCME000097	DIODE	
	D7209	B0JCME000097	DIODE	
	D7210	B0HASR000018	DIODE	
	D7316	B0JCME000097	DIODE	
	D7317	B0HAGV000004	DIODE	
	D7320	B0BC03900015	DIODE	
	D7321	B0JAME000099	DIODE	
	D7322	B0JAME000099	DIODE	
	D7323	B0BC03900015	DIODE	
	D7324	B0BC03900015	DIODE	
	D7325	B0BC03900015	DIODE	
	D7326	B0BC03900015	DIODE	
	D7327	B0ECKM000051	DIODE	
	D7328	B0BC01100001	DIODE	
	D7329	B0JCME000097	DIODE	
	D7330	B0BC01400017	DIODE	
	D7333	B0BC01600013	DIODE	
	D7334	B0ACCCJ000051	DIODE	
	D7410	B0EAKT000019	DIODE	
	D7411	B0HAGQ000001	DIODE	
	D7412	B0HAGQ000001	DIODE	
	D7413	B0JAME000091	DIODE	
	D7415	B0EAKT000019	DIODE	
	D7416	B0BC01400017	DIODE	
	D7505	B0JBSL000043	DIODE	
	D7506	B0HBSM000055	DIODE	
	D7507	B0JBSL000042	DIODE	
	D7509	B0BC03200003	DIODE	
	D7510	B0BC03200003	DIODE	
	D7511	DZ2J047M0L	DIODE	
	D7602	B0HAML000019	DIODE	
	D7603	B0BA01000070	DIODE	
	D7800	B0JCME000097	DIODE	
	D7801	B0ACCCJ000051	DIODE	
	D7802	B0FCAM000001	DIODE	
	D7803	B0JCME000097	DIODE	
	D7804	B0FCAM000001	DIODE	
	D7805	B0ACCCJ000051	DIODE	
	D7806	B0BC01400017	DIODE	
	D7807	B0BC01400017	DIODE	
	D7808	B0BC035A0007	DIODE	
	D7809	B0BC035A0007	DIODE	
	D7810	B0BC035A0007	DIODE	
	D7811	B0BC035A0007	DIODE	
	D7812	B0BC035A0007	DIODE	
	D7813	B0BC035A0007	DIODE	
	D7814	B0BC035A0007	DIODE	
	D7815	B0BC035A0007	DIODE	
	D7816	B0BC035A0007	DIODE	
	D7817	B0BC035A0007	DIODE	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	D7818	B0BC035A0007	DIODE	
	D7819	B0BC035A0007	DIODE	
	D7820	B0ACCJ0000051	DIODE	
	D7821	B0ACCJ0000051	DIODE	
	D8300	B0ACCJ0000051	DIODE	
	D9202	B0ACCK000005	DIODE	
	D9203	B0ECKM0000051	DIODE	
	D9204	B0JCPE0000004	DIODE	
	D9205	B0JCPE0000004	DIODE	
	D9206	B0ECKM0000051	DIODE	
	D9211	B0HCMM000014	DIODE	
	D9212	B0ECKM0000051	DIODE	
	D9213	B0ECKM0000051	DIODE	
		INTEGRATED CIRCUITS		
	IC2106	ClAB00003069	IC	
	IC2108	ClAB00003240	IC	
	IC2109	ClAB00002428	IC	
	IC2110	C0JBAB0000854	IC	
	IC2300	C0CBZZE00001	IC	
	IC4700	ClZBZ0004246		
	IC4702	C0ABBB000230	IC	
	IC5605	C0DBAGF00030	IC	
	IC5606	C0DBAYY00755	IC	
	IC5607	C0DBGYY00887	IC	
	IC5608	C0DBAYY00755	IC	
	IC5609	C0DBGYY00887	IC	
	IC5610	C0DBAYY00755	IC	
	IC5613	C0DBEYG000002	IC REGULATOR	
	IC7202	C0DBBY000024	IC	
	IC7302	C0DABYY00025	IC	
	IC7402	C0DABYY00018	IC	
	IC7502	C0DBZMC00006	IC	
	IC7600	C0DBZMC00006	IC	
	IC7800	ClCB00003490	IC	
	IC7801	ClCB00003490	IC	
	IC8001	ClAB00003371	IC	
	IC8002	C3ABSY000036	IC	
	IC8004	TVR4G220-AA	EEPROM IC (C3EBGY000026)	
	IC8502	TVR4G211	ROM IC (C3FBQD000024)	
	IC8503	TVR4G212-AB	EEPROM IC (C3EBKY000014)	
	IC8850	C0DBGYY00203	IC	
	IC9003	C3FBKY000040	IC	
	IC9004	C0DBAYY00715	IC	
	IC9005	C0EBM0000026	IC	
	IC9006	MN85061	IC	
	IC9201	ClAB00003252	IC	
	IC9202	TVRR451	ROM IC (C3EBHY000012)	
	IC9203	C0CBCAG00031	IC	
	IC9204	ClAB00003246	IC	
	IC9205	C0DBAYY00730	IC	
	IC9206	TVRR460	ROM IC (C0FBYY000076)	
	IC9207	C0DBAYY00731	IC	
	IC9208	C0ABEB000037	IC	
		COILS		
	L2110	J0JCC0000287	COIL	
	L2111	J0JCC0000287	COIL	
	L2120	J0JCC0000364	BEAD COIL	
	L2121	J0JCC0000364	BEAD COIL	
	L2123	J0JCC0000287	COIL	
	L2125	J0JCC0000287	COIL	
	L2126	J0JYC0000369	CHIP RESISTOR	
	L2127	J0JYC0000369	CHIP RESISTOR	
	L2128	GlC330MA0457	COIL	
	L2129	GlC330MA0457	COIL	
	L2130	GlC330MA0457	COIL	
	L2131	GlC330MA0457	COIL	
	L2134	J0JHC0000075	BEAD COIL	
	L2135	ELJFC2R2KFB	CHIP INDUCTOR	
	L4210	J0JYC0000322	COIL	
	L4500	J0JYC0000369	CHIP RESISTOR	
	L4501	J0JYC0000369	CHIP RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	L4502	J0JYC0000369	CHIP RESISTOR	
	L4503	J0JYC0000369	CHIP RESISTOR	
	L4504	J0JYC0000369	CHIP RESISTOR	
	L4505	J0JYC0000369	CHIP RESISTOR	
	L4506	J0JYC0000369	CHIP RESISTOR	
	L4507	J0JYC0000369	CHIP RESISTOR	
	L4508	J0JYC0000369	CHIP RESISTOR	
	L4511	J0JYC0000369	CHIP RESISTOR	
	L4512	J0JYC0000369	CHIP RESISTOR	
	L4513	J0JYC0000369	CHIP RESISTOR	
	L5609	GlC6R8MA0457	COIL	
	L5610	GlC100MA0457	COIL	
	L5611	GlC220MA0457	COIL	
	L5613	J0JHC0000075	BEAD COIL	
	L7208	J0JKB0000034	EMI FILTER	
	L7404	J0JKB0000034	EMI FILTER	
	L7405	J0JKB0000034	EMI FILTER	
	L7600	J0JKA0000038	BEAD CORE	
	L7800	G0C220MA0049	INDUCTOR	
	L7801	G0C220MA0049	INDUCTOR	
	L7802	G0C220MA0049	INDUCTOR	
	L7803	G0C220MA0049	INDUCTOR	
	L7806	J0JKB0000034	EMI FILTER	
	L7807	J0JKB0000034	EMI FILTER	
	L8000	J0JYC0000322	COIL	
	L8002	J0JYC0000322	COIL	
	L8003	J0JYC0000322	COIL	
	L8004	J0JYC0000322	COIL	
	L8005	J0JYC0000322	COIL	
	L8006	J0JYC0000322	COIL	
	L8007	D0GAlR0JA023	CHIP RESISTOR	
	L8008	J0JYC0000322	COIL	
	L8009	J0JYC0000322	COIL	
	L8010	J0JYC0000322	COIL	
	L8011	J0JYC0000322	COIL	
	L8012	J0JYC0000322	COIL	
	L8013	J0JYC0000322	COIL	
	L8014	J0JYC0000322	COIL	
	L8016	J0JYC0000322	COIL	
	L8017	J0JYC0000322	COIL	
	L8302	J0JGC0000070	BEAD CORE	
	L8306	J0JYC0000322	COIL	
	L8315	J0JCC0000269	COIL	
	L8500	J0JYC0000322	COIL	
	L8501	J0JYC0000322	COIL	
	L9001	GlC100MA0072	COIL	
	L9003	J0JHC0000045	COIL	
	L9004	J0JHC0000046	EMI FILTER	
	L9005	J0JHC0000045	COIL	
	L9006	J0JHC0000046	EMI FILTER	
	L9007	J0JYC0000068	COIL	
	L9008	J0JHC0000045	COIL	
	L9009	J0JHC0000045	COIL	
	L9010	J0JHC0000045	COIL	
	L9011	J0JHC0000045	COIL	
	L9012	J0JHC0000045	COIL	
	L9013	GlC3R3Z00004	COIL	
	L9014	GlC2R2Z00006	COIL	
	L9015	GlC100MA0077	COIL	
	L9016	J0JHC0000075	BEAD COIL	
	L9201	J0JHC0000046	EMI FILTER	
	L9202	GlC6R8MA0416	COIL	
	L9203	GlC220MA0234	COIL	
	L9204	GlC220MA0234	COIL	
		TRANSISTORS		
	Q2101	B1ABCF000255	TRANSISTOR	
	Q2102	B1ABCF000255	TRANSISTOR	
	Q2109	DSC2001S0L	TRANSISTOR	
	Q2110	DSC2001S0L	TRANSISTOR	
	Q2111	DSA2001S0L	TRANSISTOR	
	Q2112	DSC2001S0L	TRANSISTOR	
	Q2113	DSC2001S0L	TRANSISTOR	
	Q2145	B1ABCF000255	TRANSISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	Q2246	B1ABCF000255	TRANSISTOR	
	Q2247	B1ABCF000255	TRANSISTOR	
	Q2500	DSC200100L	TRANSISTOR	
	Q2501	DSC200100L	TRANSISTOR	
	Q2504	DSC200100L	TRANSISTOR	
	Q2760	B1ABCF000255	TRANSISTOR	
	Q2761	B1ABCF000255	TRANSISTOR	
	Q4500	DSC2001S0L	TRANSISTOR	
	Q4501	DSC2001S0L	TRANSISTOR	
	Q4502	DSC2001S0L	TRANSISTOR	
	Q4513	B1ADCE000022	TRANSISTOR	
	Q4514	B1HFCFA00044	TRANSISTOR	
	Q4700	DSA200100L	TRANSISTOR	
	Q4702	DSC2001S0L	TRANSISTOR	
	Q4703	DSC2001S0L	TRANSISTOR	
	Q4704	DSC2001S0L	TRANSISTOR	
	Q4705	DSC2001S0L	TRANSISTOR	
	Q4706	DSC2001S0L	TRANSISTOR	
	Q4707	DSC2001S0L	TRANSISTOR	
	Q5412	B1CHRE000008	TRANSISTOR	
	Q5431	B1ABCF000255	TRANSISTOR	
	Q5602	B1ADCE000022	TRANSISTOR	
	Q5612	B1ABCF000255	TRANSISTOR	
	Q5613	B1ABCF000255	TRANSISTOR	
	Q5615	B1ABGC000011	TRANSISTOR	
	Q5616	DSC2001S0L	TRANSISTOR	
	Q7202	B1CERR000049	TRANSISTOR	
	Q7203	B1CERR000049	TRANSISTOR	
	Q7204	B1BCCF000022	TRANSISTOR	
	Q7304	B1CERQ000069	TRANSISTOR	
	Q7305	B1CERQ000069	TRANSISTOR	
	Q7306	DSC200100L	TRANSISTOR	
	Q7307	B1BACD000014	TRANSISTOR	
	Q7308	DSC200100L	TRANSISTOR	
	Q7309	DSC200100L	TRANSISTOR	
	Q7500	DSC200100L	TRANSISTOR	
	Q7501	DSC2001S0L	TRANSISTOR	
	Q7502	DSA2001S0L	TRANSISTOR	
	Q7503	DSA2001S0L	TRANSISTOR	
	Q7504	DSC2001S0L	TRANSISTOR	
	Q7505	B1ADGJ000008	TRANSISTOR	
	Q7800	DSC2001S0L	TRANSISTOR	
	Q7801	DSC2001S0L	TRANSISTOR	
	Q7802	DSC2001S0L	TRANSISTOR	
	Q7803	DSC2001S0L	TRANSISTOR	
	Q7804	B1CFQM000001	TRANSISTOR	
	Q7805	B1CFQM000001	TRANSISTOR	
	Q7806	DSC2001S0L	TRANSISTOR	
	Q7807	DSC2001S0L	TRANSISTOR	
	Q7808	DSC2001S0L	TRANSISTOR	
	Q7809	DSC2001S0L	TRANSISTOR	
	Q7810	B1CFQM000001	TRANSISTOR	
	Q7811	B1CFQM000001	TRANSISTOR	
	Q8002	B1ABCF000255	TRANSISTOR	
	Q8003	B1ABCF000255	TRANSISTOR	
	Q8005	B1CBGD000001	TRANSISTOR	
	Q8301	DSA2001S0L	TRANSISTOR	
	Q8302	DSA2001S0L	TRANSISTOR	
	Q8303	B1ABCF000255	TRANSISTOR	
	Q8304	B1ABCF000255	TRANSISTOR	
	Q8305	B1ADCE000022	TRANSISTOR	
	Q8306	B1ADCE000022	TRANSISTOR	
	Q8307	B1ABCF000255	TRANSISTOR	
	Q8308	DSA2001S0L	TRANSISTOR	
	Q8309	DSC2001S0L	TRANSISTOR	
	Q8310	DSC2001S0L	TRANSISTOR	
	Q9001	B1ABCF000231	TRANSISTOR	
	Q9003	B1ABCF000231	TRANSISTOR	
	Q9007	B1ADCE000022	TRANSISTOR	
	Q9008	B1MBDDA00003	TRANSISTOR	
	Q9009	B1MBEDA00015	TRANSISTOR	
	Q9201	B1ABMD000006	TRANSISTOR	
	Q9202	B1DHCD000023	TRANSISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	Q9203	B1BDCF000021	TRANSISTOR	
	Q9204	B1ABNF000006	TRANSISTOR	
	Q9205	B1ABNF000006	TRANSISTOR	
	Q9206	B1ADNF000006	TRANSISTOR	
	Q9207	B1ADNF000006	TRANSISTOR	
	Q9208	B1ADCF000190	TRANSISTOR	
		RESISTORS		
	R1179	D1BB7151A012	M 750HM , 1/10W	
	R1180	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R2104	D0GB473JA065	C 47KOHM ,J, 1/10W	
	R2105	D0GB473JA065	C 47KOHM ,J, 1/10W	
	R2106	D0GB103JA065	C 10KOHM ,J, 1/10W	
	R2107	D0GB103JA065	C 10KOHM ,J, 1/10W	
	R2114	D1BB75R0A012	C 750HM , 1/10W	
	R2115	D1BB75R0A012	C 750HM , 1/10W	
	R2116	D1BB75R0A012	C 750HM , 1/10W	
	R2117	D0GA470JA023	C 470HM ,J, 1/10W	
	R2118	D0GA470JA023	C 470HM ,J, 1/10W	
	R2119	D0GA470JA023	C 470HM ,J, 1/10W	
	R2122	D0GA221JA023	C 220OHM ,J, 1/16W	
	R2123	D1BB3302A012	C 33KOHM , 1/10W	
	R2124	D1BB3302A012	C 33KOHM , 1/10W	
	R2130	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R2156	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2157	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2158	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2159	D0GA104JA023	C 100KOHM ,J, 1/10W	
	R2160	D0GA104JA023	C 100KOHM ,J, 1/10W	
	R2164	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R2184	D0GA220JA023	C 220HM ,J, 1/16W	
	R2185	D0GA220JA023	C 220HM ,J, 1/16W	
	R2198	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R2199	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R2200	D1BB75R0A012	C 750HM , 1/10W	
	R2207	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2208	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2209	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2210	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2211	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R2212	D0GA104JA023	C 100KOHM ,J, 1/10W	
	R2213	D0GA104JA023	C 100KOHM ,J, 1/10W	
	R2218	D0GA680JA023	C 680HM ,J, 1/16W	
	R2219	ERJ14YJ220U	C 220HM ,J, 1/2W	
	R2220	ERJ14YJ220U	C 220HM ,J, 1/2W	
	R2221	ERJ14YJ220U	C 220HM ,J, 1/2W	
	R2222	ERJ14YJ220U	C 220HM ,J, 1/2W	
	R2223	D0GA680JA023	C 680HM ,J, 1/16W	
	R2225	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R2227	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2239	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R2256	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2258	D1BB75R0A012	C 750HM , 1/10W	
	R2260	D0GA303JA023	C 30KOHM , 1/16W	
	R2265	D1BB75R0A012	C 750HM , 1/10W	
	R2280	D0GA303JA023	C 30KOHM , 1/16W	
	R2281	D0GA303JA023	C 30KOHM , 1/16W	
	R2283	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R2284	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R2285	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R2286	D0GA303JA023	C 30KOHM , 1/16W	
	R2287	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R2288	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R2289	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2290	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R2291	J0JBC0000116	BEAD CORE	
	R2292	J0JBC0000116	BEAD CORE	
	R2293	J0JBC0000116	BEAD CORE	
	R2298	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2299	D1BB75R0A012	C 750HM , 1/10W	
	R2300	D0GA151JA023	C 150OHM ,J, 1/10W	
	R2303	D0GA151JA023	C 150OHM ,J, 1/10W	
	R2309	D0GA151JA023	C 150OHM ,J, 1/10W	
	R2310	D1BB75R0A012	C 750HM , 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R2311	D0GA151JA023	C 150OHM ,J, 1/10W	
	R2312	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2314	D0GA303JA023	C 30KOHM ,J, 1/16W	
	R2315	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2317	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2318	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2324	D0GA471JA023	C 470OHM ,J, 1/10W	
	R2325	D0GA471JA023	C 470OHM ,J, 1/10W	
	R2326	D1BB2212A012	C 22.1KOHM ,J, 1/10W	
	R2327	D0GBR00J0004	0 OHM ,J, 1/10W	
	R2329	D1BA1822A023	C 18.2KOHM , 1/16W	
	R2330	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2331	D0GF3R3JA048	C 3.3OHM ,J, 1/16W	
	R2332	D0GF3R3JA048	C 3.3OHM ,J, 1/16W	
	R2333	D0GF3R3JA048	C 3.3OHM ,J, 1/16W	
	R2334	D0GF3R3JA048	C 3.3OHM ,J, 1/16W	
	R2335	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R2339	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R2342	J0JBC0000116	BEAD CORE	
	R2343	J0JBC0000116	BEAD CORE	
	R2344	J0JBC0000116	BEAD CORE	
	R2345	J0JBC0000116	BEAD CORE	
	R2348	D0GA303JA023	C 30KOHM , 1/16W	
	R2356	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2357	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2360	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2361	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2362	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2363	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2364	D0GA105JA023	C 1MOHM ,J, 1/10W	
	R2366	D0GB101JA065	C 100OHM ,J, 1/10W	
	R2367	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2376	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R2377	D0GA104JA023	C 100KOHM ,J, 1/10W	
	R2378	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2384	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2385	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2386	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2387	D0GAR00J0005	0 OHM ,J, 1/10W	
	R2391	D1BB75R0A012	C 75OHM , 1/10W	
	R2500	ERJ2RKF2800X	C 280OHM , 1/16W	
	R2502	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2504	D0GA223JA015	C 22KOHM ,J, 1/16W	
	R2507	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2508	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2509	D1BA9100A014	C 910OHM , 1/16W	
	R2512	D0GA470JA015	C 47OHM ,J, 1/10W	
	R2514	D0GA562JA015	C 5.6KOHM ,J, 1/10W	
	R2515	D0GA124JA015	C 120KOHM ,J, 1/16W	
	R2516	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2517	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R2518	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2529	D0GA332JA015	C 3.3KOHM ,J, 1/16W	
	R2530	D0GA332JA015	C 3.3KOHM ,J, 1/16W	
	R2532	D0GAR00Z0001	0 OHM ,J, 1/10W	
	R2701	D0GBR00J0004	0 OHM ,J, 1/10W	
	R2757	D0GA182JA023	C 1.8KOHM ,J, 1/16W	
	R2759	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2760	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2761	D0GA101JA023	C 100OHM ,J, 1/10W	
	R2763	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R2765	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2766	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R2767	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R2769	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R2770	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R2779	D0GDR00JA017	C 0OHM ,J, 1/10W	
	R3015	D0GAR00J0005	0 OHM ,J, 1/10W	
	R3016	D0GAR00J0005	0 OHM ,J, 1/10W	
	R3017	D0GAR00J0005	0 OHM ,J, 1/10W	
	R3124	D0GAR00J0005	0 OHM ,J, 1/10W	
	R3125	D0GAR00J0005	0 OHM ,J, 1/10W	
	R3126	D0GAR00J0005	0 OHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R3256	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4214	D0GBR00JA008	0 OHM ,J, 1/10W	
	R4215	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4216	D0GA101JA023	C 100OHM ,J, 1/10W	
	R4217	D0GA101JA023	C 100OHM ,J, 1/10W	
	R4218	D0GA101JA023	C 100OHM ,J, 1/10W	
	R4219	D0GA101JA023	C 100OHM ,J, 1/10W	
	R4220	EXB28VR000X	0OHM , 1/10W	
	R4224	EXB28VR000X	0OHM , 1/10W	
	R4226	EXB28VR000X	0OHM , 1/10W	
	R4232	EXB28VR000X	0OHM , 1/10W	
	R4238	EXB28VR000X	0OHM , 1/10W	
	R4251	D0GAR00J0005	0 OHM ,J, 1/10W	
	R4358	D0GA912JA023	9.1KOHM , 1/16W	
	R4359	D0GA332JA023	3.3KOHM ,J, 1/16W	
	R4502	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4503	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4504	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4505	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4506	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4507	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4509	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4512	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4515	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R4516	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4519	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R4520	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R4525	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R4526	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R4527	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R4548	D0GA220JA023	C 22OHM ,J, 1/16W	
	R4549	D0GA151JA023	C 150OHM ,J, 1/10W	
	R4550	D0GA151JA023	C 150OHM ,J, 1/10W	
	R4555	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4557	D0GA151JA023	C 150OHM ,J, 1/10W	
	R4558	D0GA560JA023	C 56OHM ,J, 1/10W	
	R4563	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4565	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4566	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4567	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4703	D0GDR00J0004	C 0OHM ,J, 1/10W	
	R4704	D0GD150JA052	C 150OHM ,J, 1/10W	
	R4708	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R4711	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R4712	D0GA221JA023	C 220OHM ,J, 1/16W	
	R4715	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R4716	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R4717	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R4729	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R4730	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R4731	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R4739	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4740	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4745	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R4748	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4752	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4753	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4762	EXB2HV220JV	22OHM ,J, 1/10W	
	R4780	EXB2HV220JV	22OHM ,J, 1/10W	
	R4781	D0GA101JA023	C 100OHM ,J, 1/10W	
	R4782	D0GA182JA023	C 1.8KOHM ,J, 1/16W	
	R4786	D0GAR00J0005	0 OHM ,J, 1/10W	
	R4787	D0GAR00J0005	0 OHM ,J, 1/10W	
	R4791	D0GDR00J0004	0 OHM ,J, 1/10W	
	R4793	D0GA101JA023	C 100OHM ,J, 1/10W	
	R4794	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R4795	D0GA102JA023	C 1KOHM ,J, 1/10W	
	R4796	D0GDR00J0004	0 OHM ,J, 1/10W	
	R4802	EXB2HV220JV	22OHM ,J, 1/10W	
	R4806	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4809	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4817	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4818	D0GA222JA023	C 2.2KOHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R4820	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R4821	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4822	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R4830	D0GA104JA023	C 100KOHM ,J, 1/10W	
	R4831	D0GA104JA023	C 100KOHM ,J, 1/10W	
	R4833	D0GA183JA023	C 18KOHM , 1/16W	
	R4834	D0GA221JA023	C 220OHM ,J, 1/16W	
	R4848	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R4861	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R4869	D0GAR00J0005	C 00HM ,J, 1/10W	
	R4974	D1BA1601A023	C 1.6KOHM , 1/16W	
	R5431	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R5432	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R5433	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R5434	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R5435	ERJ12YJ471U	M 470OHM,J, 1/2W	
	R5605	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R5606	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R5607	D0GA152JA023	C 1.5KOHM ,J, 1/16W	
	R5608	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R5610	D0GA471JA023	C 470OHM ,J, 1/10W	
	R5667	D1BB4301A074	4.3KOHM , 1/16W	
	R5668	D1BB1002A074	10KOHM , 1/16W	
	R5669	D1BA2201A023	C 2.2KOHM ,J, 1/10W	
	R5670	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R5671	D0GA683JA023	C 68KOHM ,J, 1/10W	
	R5672	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R5673	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R5674	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R5675	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R5676	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R5678	D1BB9101A074	9.1KOHM , 1/16W	
	R5679	D1BB1002A074	10KOHM , 1/16W	
	R5680	D1BA2201A023	C 2.2KOHM ,J, 1/10W	
	R5681	D1BB4702A074	47KOHM , 1/16W	
	R5682	D1BB1002A074	10KOHM , 1/16W	
	R5683	D1BA6801A023	C 6.8KOHM , 1/16W	
	R5694	D0GA471JA023	C 470OHM ,J, 1/10W	
	R5696	D0GA103JA023	C 10KOHM ,J, 1/10W	
	R5697	D0GB332JA065	C 3.3KOHM ,J, 1/16W	
	R5701	D1BA20010002	2KOHM , 1/16W	
	R5702	D1BA1001A023	C 1KOHM ,J, 1/18W	
	R5705	D0GDR00J0004	C 00HM ,J, 1/10W	
	R5706	D0GDR00J0004	C 00HM ,J, 1/10W	
	R5707	D0GB150JA065	C 15OHM ,J, 1/10W	
	R5708	D0GB150JA065	C 15OHM ,J, 1/10W	
	R5709	D0GB150JA065	C 15OHM ,J, 1/10W	
	R5710	D0GB2R2JA065	C 2.2KOHM ,J, 1/10W	
	R5711	D0GB2R2JA065	C 2.2KOHM ,J, 1/10W	
	R5712	D0GB2R2JA065	C 2.2KOHM ,J, 1/10W	
	R5713	D1BB6201A074	6.2KOHM , 1/10W	
	R5714	D1BB1241A074	1.24KOHM , 1/16W	
	R5715	D1BB4301A074	4.3KOHM , 1/16W	
⚠	R7004	ERC12ZGK105V	S 1MOHM , K, 1/2W	
	R7110	D0GA680JA023	C 68OHM ,J, 1/16W	
	R7111	D0GA680JA023	C 68OHM ,J, 1/16W	
	R7240	D0GD104JA052	C 100KOHM,J, 1/10W	
	R7242	ERG12SJ100	M 100HM,J,1/2W	
	R7244	D0GD511JA052	C 510OHM ,J, 1/10W	
	R7245	ERG12SJ220V	M 220HM ,J, 1/2W	
	R7246	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7247	ERX2SJR22P	M 0.220HM, J, 2W	
	R7248	ERX2FZJR15H	M 0.150HM ,J, 2W	
	R7251	ERJ6ENF5603	M 560KOHM,1/10W	
	R7252	ERJ6ENF5603	M 560KOHM,1/10W	
	R7253	ERJ6ENF5603	M 560KOHM,1/10W	
	R7254	ERJ6ENF5603	M 560KOHM,1/10W	
	R7255	ERJ6ENF1872	F 18.7KOHM ,J, 1/10W	
	R7256	ERJ6ENF6801V	F 6.8KOHM ,J, 1/18W	
	R7261	ERJ6ENF3903V	M 390KOHM,1/10W	
	R7262	ERJ6ENF3903V	M 390KOHM,1/10W	
	R7263	ERJ6ENF3903V	M 390KOHM,1/10W	
	R7264	ERJ6ENF3903V	M 390KOHM,1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7265	D0GD203JA052	C 20KOHM ,J, 1/10W	
	R7267	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7268	D0AE100JA046	C 100HM ,J, 1/10W	
	R7269	ERG12SJ220V	M 220HM ,J, 1/2W	
	R7270	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7326	ERG12SJ330V	M 330HM ,J, 1/2W	
	R7327	ERJ6ENF4700V	F 470OHM ,J, 1/10W	
	R7328	ERDS2TJ105T	C 1MOHM ,J, 1/10W	
	R7329	ERJ6ENF1200V	F 120OHM ,J, 1/10W	
	R7330	ERDS2TJ105T	C 1MOHM ,J, 1/10W	
	R7331	ERDS2TJ105T	C 1MOHM ,J, 1/10W	
	R7332	ERJ6RBD163V	C 16KOHM ,J, 1/10W	
	R7333	D0GD561JA052	C 560OHM ,J, 1/10W	
	R7334	D0GF101JA048	C 100OHM,J, 1/4W	
	R7335	D0GD104JA052	C 100KOHM,J, 1/10W	
	R7337	D0AE104JA046	C 100KOHM,J, 1/10W	
	R7338	D0AE104JA046	C 100KOHM,J, 1/10W	
	R7339	ERJ6RBD473V	C 47KOHM ,J, 1/10W	
	R7340	D0GF101JA048	C 100OHM,J, 1/10W	
	R7341	D0GF100JA048	C 100HM ,J, 1/10W	
	R7342	ERG12SJ100	M 100HM,J,1/2W	
	R7343	D0GD104JA052	C 100KOHM,J, 1/10W	
	R7344	D0B1106JA033	10MOHM ,J, 1W	
	R7345	D0GDR00J0004	C 00HM ,J, 1/10W	
	R7348	D0GD104JA052	C 100KOHM,J, 1/10W	
	R7349	D0GD112JA052	C 1.1KOHM ,J, 1/10W	
	R7350	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7351	D0GD224JA052	C 220KOHM ,J, 1/10W	
	R7352	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7353	D0GD683JA052	C 68KOHM ,J, 1/10W	
	R7415	ERJ12YJ474U	470KOHM ,J, 1/2W	
	R7416	ERX12SJ3R3V	M 3.3OHM ,J, 1/2W	
	R7417	ERX12SJ3R3V	M 3.3OHM ,J, 1/2W	
	R7418	ERG12SJ220V	M 220HM ,J, 1/2W	
	R7419	D0GD393JA052	C 39KOHM ,J, 1/10W	
	R7420	D0GD101JA052	C 100OHM ,J, 1/10W	
	R7421	ERJ12YJ474U	470KOHM ,J, 1/2W	
	R7422	ERJ12YJ474U	470KOHM ,J, 1/2W	
	R7423	D0GD105JA052	C 1MOHM ,J, 1/10W	
	R7424	D0GD393JA052	C 39KOHM ,J, 1/10W	
	R7425	ERG2SJ330P	F 33OHM ,J, 2W	
	R7517	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7518	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7519	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7520	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7521	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7522	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7523	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7524	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7525	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7526	D0GD122JA052	C 1.2KOHM ,J, 1/16W	
	R7527	D0GD272JA052	C 2.7KOHM ,J, 1/16W	
	R7528	ERJ6RBD822V	C 8.2KOHM , 1/16W	
	R7529	ERJ6RBD271V	C 270OHM , 1/10W	
	R7530	ERJ6RBD222V	C 2.2KOHM , 1/10W	
	R7533	D0GDR00J0004	C 00HM ,J, 1/10W	
	R7534	D0GD682JA017	F 6.8KOHM ,J, 1/18W	
	R7535	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7536	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7537	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7538	ERJ6GEYJ363	F 36KOHM ,J, 1/18W	
	R7539	D0GD682JA017	F 6.8KOHM ,J, 1/18W	
	R7540	D0GD682JA017	F 6.8KOHM ,J, 1/18W	
	R7541	D0GD682JA017	F 6.8KOHM ,J, 1/18W	
	R7542	D0GD682JA017	F 6.8KOHM ,J, 1/18W	
	R7543	D0GD682JA017	F 6.8KOHM ,J, 1/18W	
	R7544	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7545	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7546	D0GD103JA052	C 100HM ,J, 1/18W	
	R7547	D0GD103JA052	C 100HM ,J, 1/18W	
	R7548	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7549	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7550	D0GD103JA052	C 100HM ,J, 1/18W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7551	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7552	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7553	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7554	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7555	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7556	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7559	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7562	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7565	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7568	ERG2SJ470H	470HM ,J, 2W	
	R7569	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7570	D0GD222JA052	C 2.2KOHM ,J, 1/10W	
	R7571	D0GD153JA052	15KOHM ,J, 1/16W	
	R7600	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7601	D0GDR00J0004	C 00HM ,J, 1/10W	
	R7602	ERJ6ENF6801V	F 6.8KOHM ,J, 1/16W	
	R7603	ERJ6ENF4701V	F 4.7KOHM ,J, 1/16W	
	R7604	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7607	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7608	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7611	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7612	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7800	D0GD104JA052	C 100KOHM ,J, 1/10W	
	R7801	D0GD104JA052	C 100KOHM ,J, 1/10W	
	R7802	D0GD103JA052	C 100HM ,J, 1/16W	
	R7803	D0GD103JA052	C 100HM ,J, 1/16W	
	R7804	D0GD103JA052	C 100HM ,J, 1/16W	
	R7805	D0GD103JA052	C 100HM ,J, 1/16W	
	R7806	D0GD303JA052	C 30KOHM ,J, 1/16W	
	R7807	D0GD220JA052	C 220HM ,J, 1/16W	
	R7808	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7809	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7810	D0GD393JA052	C 39KOHM ,J, 1/10W	
	R7811	D0GD393JA052	C 39KOHM ,J, 1/10W	
	R7812	D0GD154JA052	C 150KOHM ,J, 1/16W	
	R7813	D0GD154JA052	C 150KOHM ,J, 1/16W	
	R7814	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7815	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7816	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7817	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7818	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7819	D0GD101JA052	C 100OHM ,J, 1/10W	
	R7820	D0GD682JA052	C 6.8KOHM ,J, 1/16W	
	R7821	D0GD824JA052	C 820KOHM ,J, 1/16W	
	R7822	D0GD623JA052	C 62KOHM ,J, 1/16W	
	R7823	D0GD4R7JA052	C 4.7OHM ,J, 1/16W	
	R7824	D0GD101JA052	C 100OHM ,J, 1/10W	
	R7825	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7826	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7827	D0GD364JA052	C 360KOHM ,J, 1/16W	
	R7829	D0GD103JA052	C 100HM ,J, 1/18W	
	R7830	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7831	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7832	D0MB51LJA005	C 51L ,J, 1/4W	
	R7833	D0GFR22JA020	C 0.22OHM ,J, 1/16W	
	R7836	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7837	D0GD393JA052	C 39KOHM ,J, 1/10W	
	R7838	D0GD393JA052	C 39KOHM ,J, 1/10W	
	R7839	D0GD154JA052	C 150KOHM ,J, 1/16W	
	R7840	D0GD154JA052	C 150KOHM ,J, 1/16W	
	R7841	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7842	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7843	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7844	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7845	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7846	D0GD101JA052	C 100OHM ,J, 1/10W	
	R7847	D0GD682JA052	C 6.8KOHM ,J, 1/16W	
	R7848	D0GD824JA052	C 820KOHM ,J, 1/16W	
	R7849	D0GD623JA052	C 62KOHM ,J, 1/16W	
	R7850	D0GD4R7JA052	C 4.7OHM ,J, 1/16W	
	R7851	D0GD101JA052	C 100OHM ,J, 1/10W	
	R7852	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7853	D0GDR00JA017	C 00HM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7854	D0GD364JA052	C 360KOHM ,J, 1/16W	
	R7856	D0GD103JA052	C 100HM ,J, 1/18W	
	R7857	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7858	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7859	D0MB51LJA005	C 51L ,J, 1/4W	
	R7860	D0GFR22JA020	C 0.22ohm ,J, 1/16W	
	R7863	D0GD104JA052	C 100KOHM ,J, 1/10W	
	R7864	D0GD104JA052	C 100KOHM ,J, 1/10W	
	R7865	D0GD103JA052	C 100HM ,J, 1/18W	
	R7866	D0GD103JA052	C 100HM ,J, 1/18W	
	R7867	D0GD103JA052	C 100HM ,J, 1/18W	
	R7868	D0GD103JA052	C 100HM ,J, 1/18W	
	R7869	D0GD303JA052	C 30KOHM ,J, 1/16W	
	R7870	D0GD220JA052	C 220HM ,J, 1/16W	
	R7871	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7875	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7878	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7880	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7883	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7886	ERJ8GEY0R00	M 00HM,J, 1/8W	
	R7890	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7891	D0GDR00JA017	C 00HM ,J, 1/10W	
	R7892	D0GDR00JA017	C 00HM ,J, 1/10W	
	R8000	D0GA102JA023	C 1KOHM ,J, 1/18W	
	R8001	D0GA102JA023	C 1KOHM ,J, 1/18W	
	R8003	D1BA3010A023	C 301OHM ,J, 1/16W	
	R8004	D1BA4020A023	C 402OHM ,J, 1/16W	
	R8005	D1BA1020A023	C 102OHM ,J, 1/16W	
	R8006	D1BA4020A023	C 402OHM ,J, 1/16W	
	R8007	D1BA1020A023	C 102OHM ,J, 1/16W	
	R8008	D0GA102JA023	C 1KOHM ,J, 1/18W	
	R8009	D0GA102JA023	C 2KOHM ,J, 1/16W	
	R8010	EXB28V101JX	100OHM ,J, 1/10W	
	R8011	EXB28V101JX	100OHM ,J, 1/10W	
	R8012	EXB28V101JX	100OHM ,J, 1/10W	
	R8013	EXB28V101JX	100OHM ,J, 1/10W	
	R8014	EXB28V101JX	100OHM ,J, 1/10W	
	R8015	EXB28V101JX	100OHM ,J, 1/10W	
	R8016	EXB28V101JX	100OHM ,J, 1/10W	
	R8017	EXB28V101JX	100OHM ,J, 1/10W	
	R8018	EXB28V101JX	100OHM ,J, 1/10W	
	R8019	EXB28V101JX	100OHM ,J, 1/10W	
	R8023	D0GA105JA023	C 1MOHM ,J, 1/10W	
	R8024	D0GA152JA023	C 1.5KOHM ,J, 1/16W	
	R8025	D1BB2001A012	C 2KOHM ,J, 1/16W	
	R8026	D1BB2001A012	C 2KOHM ,J, 1/16W	
	R8027	D1BB2001A012	C 2KOHM ,J, 1/16W	
	R8029	D0GAR00J0005	C 00HM ,J, 1/10W	
	R8030	D0GAR00J0005	C 00HM ,J, 1/10W	
	R8037	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8039	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8040	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8041	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8043	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R8044	D0GA102JA023	C 2KOHM ,J, 1/16W	
	R8045	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R8048	D0GA273JA023	C 27KOHM ,J, 1/10W	
	R8049	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8050	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8051	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8053	D0GA102JA023	C 1KOHM ,J, 1/18W	
	R8054	D0GA122JA023	C 1.2KOHM ,J, 1/16W	
	R8055	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R8056	D0GA152JA023	C 1.5KOHM ,J, 1/16W	
	R8057	D0GA152JA023	C 1.5KOHM ,J, 1/16W	
	R8058	D0GA221JA023	C 220OHM ,J, 1/10W	
	R8062	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8068	D0GA151JA023	C 150OHM ,J, 1/16W	
	R8079	ERJ2RKF73R2X	C 73.2OHM ,J, 1/16W	
	R8089	D0GAR00J0005	C 00HM ,J, 1/10W	
	R8091	D1BA80R6A023	C 80.6OHM ,J, 1/10W	
	R8094	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8098	D0GA472JA023	C 4.7KOHM ,J, 1/16W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R8099	D0GA102JA023	C 1KOHM ,J, 1/18W	
	R8100	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R8101	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8102	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8106	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8302	D0GA561JA023	C 68OHM ,J, 1/16W	
	R8305	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8306	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R8307	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8308	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8309	D0GA750JA023	C 75OHM ,J, 1/16W	
	R8310	D0GA474JA023	C 10KOHM ,J, 1/16W	
	R8311	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8312	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8313	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8314	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R8315	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R8316	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R8317	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R8318	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R8319	D0GA393JA023	C 39KOHM ,J, 1/10W	
	R8320	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8321	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8322	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8323	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R8324	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8330	D0GA222JA023	C 2.2KOHM ,J, 1/10W	
	R8331	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8332	D0GA220JA023	C 22OHM ,J, 1/16W	
	R8333	D0GA122JA023	C 1.2KOHM ,J, 1/16W	
	R8334	D0GA471JA023	C 470OHM ,J, 1/10W	
	R8335	D0GDR00J0004	C 0OHM ,J, 1/10W	
	R8336	D0GA220JA023	C 22OHM ,J, 1/16W	
	R8337	D0GA102JA023	C 1KOHM ,J, 1/18W	
	R8339	D0GA221JA023	C 220OHM ,J, 1/16W	
	R8341	D0GB821JA052	C 820OHM ,J, 1/16W	
	R8350	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8400	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8401	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8406	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8408	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8409	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8501	D0GA680JA023	C 68OHM ,J, 1/16W	
	R8502	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8510	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8511	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8512	EXB2HV680JV	68OHM ,J, 1/10W	
	R8513	EXB2HV680JV	68OHM ,J, 1/10W	
	R8514	EXB2HV680JV	68OHM ,J, 1/10W	
	R8515	EXB2HV680JV	68OHM ,J, 1/10W	
	R8516	EXB2HV680JV	68OHM ,J, 1/10W	
	R8521	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8522	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8523	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8528	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8530	EXB2HV330JV	10KOHM ,J, 1/16W	
	R8531	D0GA680JA023	C 68OHM ,J, 1/16W	
	R8532	D0GA680JA023	C 68OHM ,J, 1/16W	
	R8533	D0GA680JA023	C 68OHM ,J, 1/16W	
	R8538	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8539	EXB2HV680JV	C 68OHM ,J, 1/16W	
	R8543	EXB2HV103JV	C 100OHM ,J, 1/16W	
	R8546	D0GA101JA023	C 100OHM ,J, 1/10W	
	R8547	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R8548	D0GA473JA023	C 47KOHM ,J, 1/10W	
	R8557	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8560	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8851	D1BA2201A023	C 2.2KOHM ,J, 1/10W	
	R8852	D0GAR00J0005	C 0OHM ,J, 1/10W	
	R8853	D1BA1001A023	C 1KOHM ,J, 1/18W	
	R9005	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9006	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9007	D0GA101JA015	C 100OHM ,J, 1/10W	

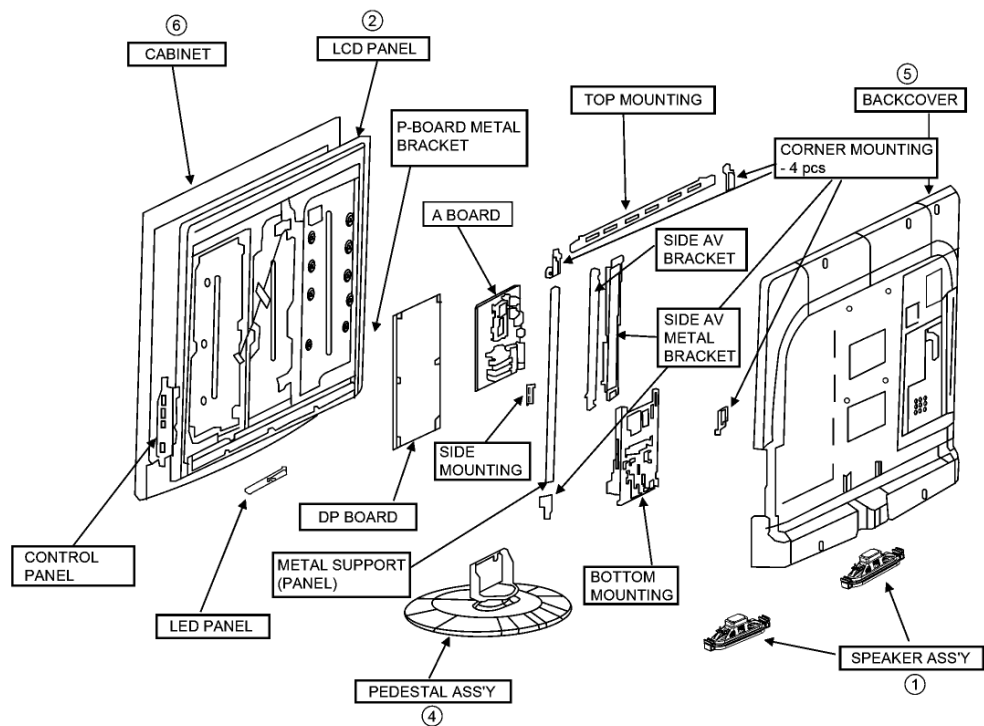
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R9008	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9009	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9010	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9011	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9012	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9013	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9014	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9015	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9016	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9020	D0GBR00Z0002	C 0OHM ,J, 1/10W	
	R9021	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9022	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9023	D1BD5101A066	C 5.1KOHM , 1/16W	
	R9025	D1BA3901A023	C 3.9KOHM , 1/16W	
	R9031	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R9036	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9042	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9052	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9056	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9066	EXB2HV103JV	10KOHM ,J, 1/16W	
	R9068	D0GA334JA015	C 330KOHM ,J, 1/16W	
	R9069	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9070	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9071	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9072	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9073	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9074	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9075	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9076	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9078	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9079	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9081	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9082	D0GA680JA015	C 68OHM ,J, 1/16W	
	R9088	D0GA223JA015	C 22KOHM ,J, 1/16W	
	R9089	EXB28V680JX	C 68OHM ,J, 1/16W	
	R9090	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9093	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9094	D0GA680JA015	C 68OHM ,J, 1/16W	
	R9095	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9096	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9097	D0GA680JA015	C 68OHM ,J, 1/16W	
	R9098	D0GA680JA015	C 68OHM ,J, 1/16W	
	R9099	D0GA680JA015	C 68OHM ,J, 1/16W	
	R9100	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9101	D0GA153JA015	C 15KOHM ,J, 1/16W	
	R9102	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9103	D1BB2492A055	C 24.9KOHM , 1/16W	
	R9104	D1BB2700A087	C 270OHM , 1/16W	
	R9106	D1BB4702A055	C 47KOHM , 1/16W	
	R9107	D1BB1001A087	C 1KOHM ,1/16W	
	R9108	D1BB1101A055	1.1KOHM , 1/16W	
	R9109	D1BB8200A087	C 820OHM ,J, 1/16W	
	R9110	D1BB3601A055	C 3.6KOHM ,J, 1/10W	
	R9113	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R9114	D0GB100JA041	10OHM ,J, 1/16W	
	R9115	D0GB100JA041	10OHM ,J, 1/16W	
	R9116	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9117	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9118	D1BB2702A055	C 27KOHM ,J, 1/10W	
	R9119	D1BB2402A055	C 24KOHM ,J, 1/10W	
	R9125	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9126	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9130	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9137	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9152	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9153	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9158	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9159	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9160	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9161	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9201	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9202	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9203	D0GA101JA015	C 100OHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R9204	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9205	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9206	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9207	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9208	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9209	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9210	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9211	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9212	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9213	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9214	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9215	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9216	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9217	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9218	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9219	D0GBR00Z0002	C 0OHM ,J, 1/10W	
	R9221	ERJ2GEJ220X	F 10KOHM ,J, 1/10W	
	R9222	D0GA472JA015	C 47KOHM ,J, 1/10W	
	R9223	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9224	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9225	D0GA472JA015	C 4.7KOHM ,J, 1/16W	
	R9226	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9228	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9229	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9230	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9232	D0GA101JA015	C 100OHM ,J, 1/10W	
	R9233	D1BA1001A014	C 1KOHM , 1/16W	
	R9234	D0GA680JA015	C 68OHM ,J, 1/16W	
	R9235	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9237	D1BA1001A014	C 1KOHM , 1/16W	
	R9238	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9239	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9240	D1BA10R0A014	C 10OHM , 1/16W	
	R9242	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9243	D1BA1004A014	C 1MOHM , 1/16W	
	R9245	D1BA6201A014	C 6.2KOHM , 1/16W	
	R9246	D0GA472JA015	C 4.7KOHM ,J, 1/16W	
	R9247	ERJ2GEJ220X	F 10KOHM ,J, 1/10W	
	R9248	ERJ2GEJ220X	F 10KOHM ,J, 1/10W	
	R9250	D1BA1000A014	C 100OHM , 1/16W	
	R9260	D1BA20R0A014	C 20OHM , 1/16W	
	R9261	D1BA20020005	C 20KOHM , 1/16W	
	R9262	D1BA7501A014	C 7.5KOHM , 1/16W	
	R9263	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9264	D1BA20R0A014	C 20OHM , 1/16W	
	R9265	D1BA1000A014	C 100OHM , 1/16W	
	R9266	D1BA3001A014	C 3KOHM , 1/16W	
	R9267	D1BA10R0A014	C 10OHM , 1/16W	
	R9268	D1BA10R0A014	C 10OHM , 1/16W	
	R9270	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9271	D1BA1003A014	C 100KOHM , 1/16W	
	R9272	D1BA3602A014	C 36KOHM , 1/16W	
	R9273	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9275	D1BA3001A014	C 3KOHM , 1/16W	
	R9276	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9278	D1BA8202A014	C 82KOHM , 1/16W	
	R9279	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9282	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9283	D1BA5101A014	C 5.1KOHM , 1/16W	
	R9285	D1BA3601A014	C 3.6KOHM , 1/16W	
	R9286	D1BA1302A014	C 13KOHM , 1/16W	
	R9287	D1BA8201A014	C 8.2KOHM , 1/16W	
	R9288	D1BA1000A014	C 100OHM , 1/16W	
	R9289	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9290	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9291	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9294	D1BA1003A014	C 100KOHM , 1/16W	
	R9297	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9298	D1BA20R0A014	C 2.2KOHM , 1/16W	
	R9299	D1BA20R0A014	C 2.2KOHM , 1/16W	
	R9300	D1BA1002A014	C 10KOHM , 1/16W	
	R9301	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9302	D0GAR00Z0001	C 0OHM ,J, 1/10W	

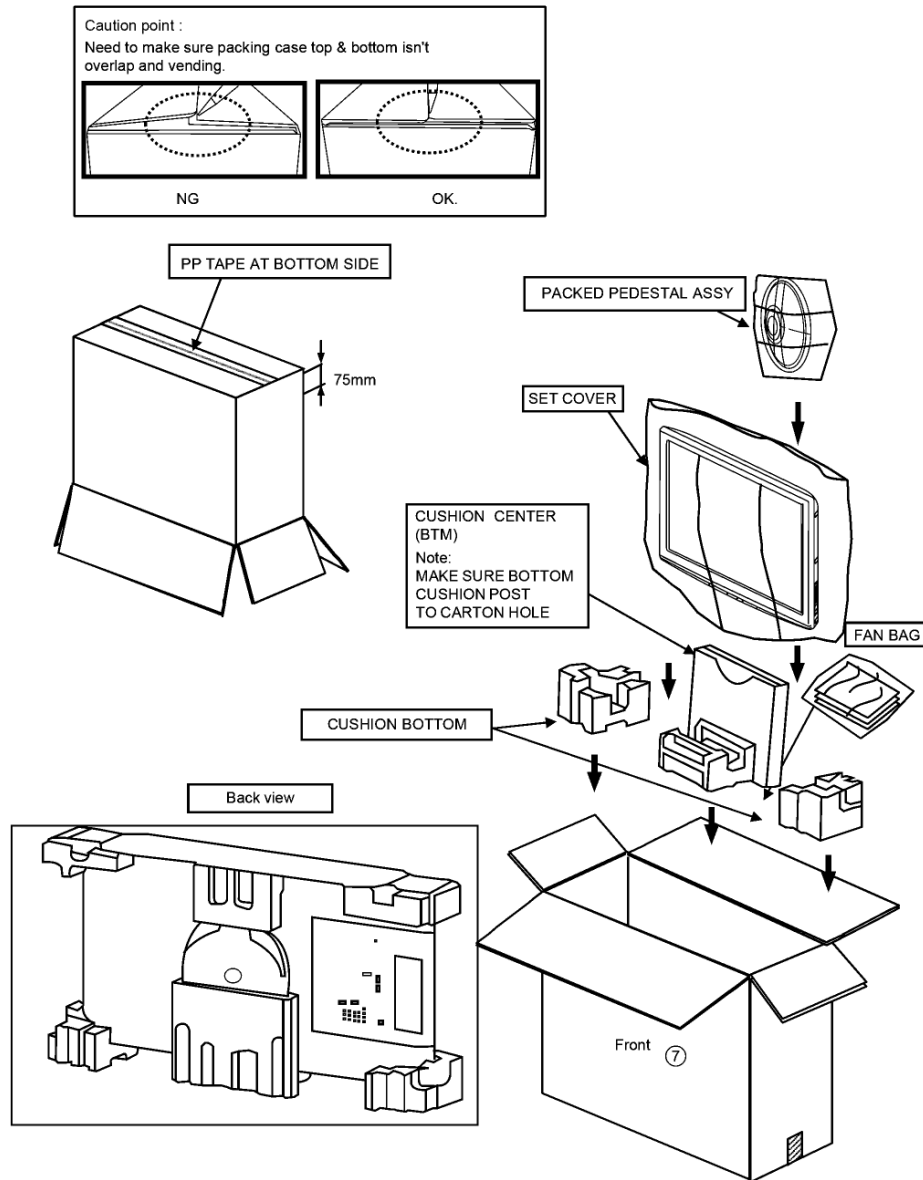
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R9303	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9306	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9307	D1BA1004A014	C 1MOHM , 1/16W	
	R9308	D1BA1004A014	C 1MOHM , 1/16W	
	R9309	D1BA5102A014	C 51KOHM , 1/16W	
	R9310	D1BA7502A014	C 75KOHM , 1/16W	
	R9311	D1BA6802A014	C 68KOHM , 1/16W	
	R9312	D1BA1502A014	C 15KOHM , 1/16W	
	R9313	D1BA5602A014	C 56KOHM , 1/16W	
	R9314	D1BA1003A014	C 100KOHM , 1/16W	
	R9315	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9316	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9317	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9318	D1BA2R20A014	C 2.2KOHM , 1/16W	
	R9319	D1BA1602A014	C 16KOHM , 1/16W	
	R9320	D1BA8202A014	C 82KOHM , 1/16W	
	R9322	ERJ8ENF9101V	F 9.1KOHM , 1/4W	
	R9324	D1BA1001A014	C 1KOHM , 1/16W	
	R9327	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9328	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9331	D1BA2701A014	C 2.7KOHM , 1/16W	
	R9332	D1BA5102A014	C 51KOHM , 1/16W	
	R9333	D1BA20020005	C 20KOHM , 1/16W	
	R9334	D1BA7501A014	C 7.5KOHM , 1/16W	
	R9335	D1BA3303A014	C 330KOHM , 1/16W	
	R9336	D4CC14730006	T 47KOHM , 1/16W	
	R9337	D1BA9101A014	C 9.1KOHM , 1/16W	
	R9339	D0GA472JA015	C 4.7KOHM ,J, 1/16W	
	R9349	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9351	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9353	D1BA2202A014	C 22KOHM , 1/16W	
	R9359	D1BA1001A014	C 1KOHM , 1/16W	
	R9361	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9362	D1BA2202A014	C 22KOHM , 1/16W	
	R9363	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9364	D1BA3900A014	C 390OHM , 1/16W	
	R9365	D1BA1001A014	C 1KOHM , 1/16W	
	R9366	D1BA2201A014	C 2.2KOHM , 1/16W	
	R9369	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9372	ERBSE1R50U	FUSE	
	R9373	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9376	D1BA2202A014	C 22KOHM , 1/16W	
	R9377	D1BA2202A014	C 22KOHM , 1/16W	
	R9378	D1BA2202A014	C 22KOHM , 1/16W	
	R9381	D1BA1001A014	C 1KOHM , 1/16W	
	R9382	D1BA1001A014	C 1KOHM , 1/16W	
	R9383	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9384	D0GAR00Z0001	C 0OHM ,J, 1/10W	
		TRANSFORMERS		
△	T7202	ETS39AN119AH	SWITCHING TRANSFORMER	
△	T7302	ETS48LD116AD	SWITCHING TRANSFORMER	
△	T7402	ETS19BG116AH	SWITCHING TRANSFORMER	
		OTHERS		
	A03	K1KA13BA0270	CONNECTOR	
	A04	K1KA04B00273	CONNECTOR	
	A10	K1KA08B00270	CONNECTOR	
	A11	K1KA04BA0055	CONNECTOR	
	A18	K1KA08AA0714	CONNECTOR	
	A21	K1KB51BA0074	CONNECTOR	
	CF7000	D4CAY3R9A004	COIL	
	CF7001	D4CAY3R9A004	COIL	
	CN7000	K1KA02BA0323	CONNECTOR	
	CN7500	K1KA16BA0311	CONNECTOR	
	CN7800	K1KA12BA0062	CONNECTOR	
	CN7801	K1KA13BA0062	CONNECTOR	
△	F7002	K5D502BNA005	FUSE	
	F7002-1	K3GE1ZZ00001	FUSE HOLDER	
	F7002-2	K3GE1ZZ00001	FUSE HOLDER	
	FL2100	J0HABB000003	EMI FILTER	
	FL2101	J0HABB000003	EMI FILTER	
	FL2102	J0HABB000004	EMI FILTER	
	FL2103	J0HABB000004	EMI FILTER	
	FL2104	J0HABB000004	EMI FILTER	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	FL4201	EXC28CE201U	CHOKE COIL	
	FL4202	EXC28CE201U	CHOKE COIL	
	FL4203	EXC28CE201U	CHOKE COIL	
	FL4804	EXC28CE201U	CHOKE COIL	
	FL4805	EXC28CE201U	CHOKE COIL	
	FL9001	EXC28CE900U	CHIP CHOKE COIL	
	FL9002	EXC28CE900U	CHIP CHOKE COIL	
	FL9003	EXC28CE900U	CHIP CHOKE COIL	
	FL9004	EXC28CE900U	CHIP CHOKE COIL	
	FL9005	EXC28CE900U	CHIP CHOKE COIL	
	FL9006	EXC28CE900U	CHIP CHOKE COIL	
	FL9007	EXC28CE900U	CHIP CHOKE COIL	
	FL9008	EXC28CE900U	CHIP CHOKE COIL	
	JK2101A	K1U917A00001	AV TERMINAL	
	JK2102	K4AK10B00002	TERMINAL	
	JK2108	K1FY315AA001	CONNECTOR	
	JK4500	K1FY119E0017	CONNECTOR	
	JK4501	K1FY119D0012	CONNECTOR	
	JK4502	K1FY119D0012	CONNECTOR	
	JK8502	K1NA09E00121	CONNECTOR	
	JS1000	D0GAR00J0005	CHIP RESISTOR	
⚠	LF7000	G0B103H00011	LINE FILTER	
⚠	LF7001	G0B103H00011	LINE FILTER	
⚠	PA4202	ERBSE2R50U	FUSE	
	PA7502	B1ZAZ0000016	TRANSISTOR	
	PA9001	ERBSE5R00U	FUSE	
	PC7302	B3PAA0000363	PHOTO COUPLER	
	PC7303	B3PAA0000363	PHOTO COUPLER	
	PC7402	B3PAA0000363	PHOTO COUPLER	
	RM2500	PNJ4815M01TV	REMOCON SENSOR	
	SN2500	B3JB00000078	PHOTO DETECTOR	
	TC01	K1MN60BA0126	CONNECTOR	
	TC04	K1MN60BA0126	CONNECTOR	
	TC05	K1KB51BA0074	CONNECTOR	
	TC06	K1KA03B00242	CONNECTOR	
⚠	TU8301	ENG39F02GF	TUNER	
	V10	K1KA07B00135	CONNECTOR	
	X8000	H0J250500094	CRYSTAL OSC	
	X9001	H0J270500113	CRYSTAL OSC	
	X9201	H2D100500004	CERAMIC RESONATOR	
	ZA5400	K4ZZ01000267	SHIELD CHIP	
	ZA5401	K4ZZ01000267	SHIELD CHIP	
	ZA5405	K4ZZ01000267	SHIELD CHIP	
	ZA5408	K4ZZ01000267	SHIELD CHIP	
	ZA5409	K4ZZ01000267	SHIELD CHIP	
	ZA5410	K4ZZ01000267	SHIELD CHIP	
	ZA5411	K4ZZ01000267	SHIELD CHIP	
	ZA5412	K4ZZ01000267	SHIELD CHIP	
	ZA5413	K4ZZ01000267	SHIELD CHIP	
	ZA5414	K4ZZ01000267	SHIELD CHIP	
	ZA5415	K4ZZ01000267	SHIELD CHIP	
	ZA5419	K4ZZ01000267	SHIELD CHIP	
	ZA5420	K4ZZ01000267	SHIELD CHIP	
	ZA7500	K4AD01A00002	CONNECTOR	
	ZA7501	K4AD01A00002	CONNECTOR	
	ZA7502	K4AD01A00002	CONNECTOR	

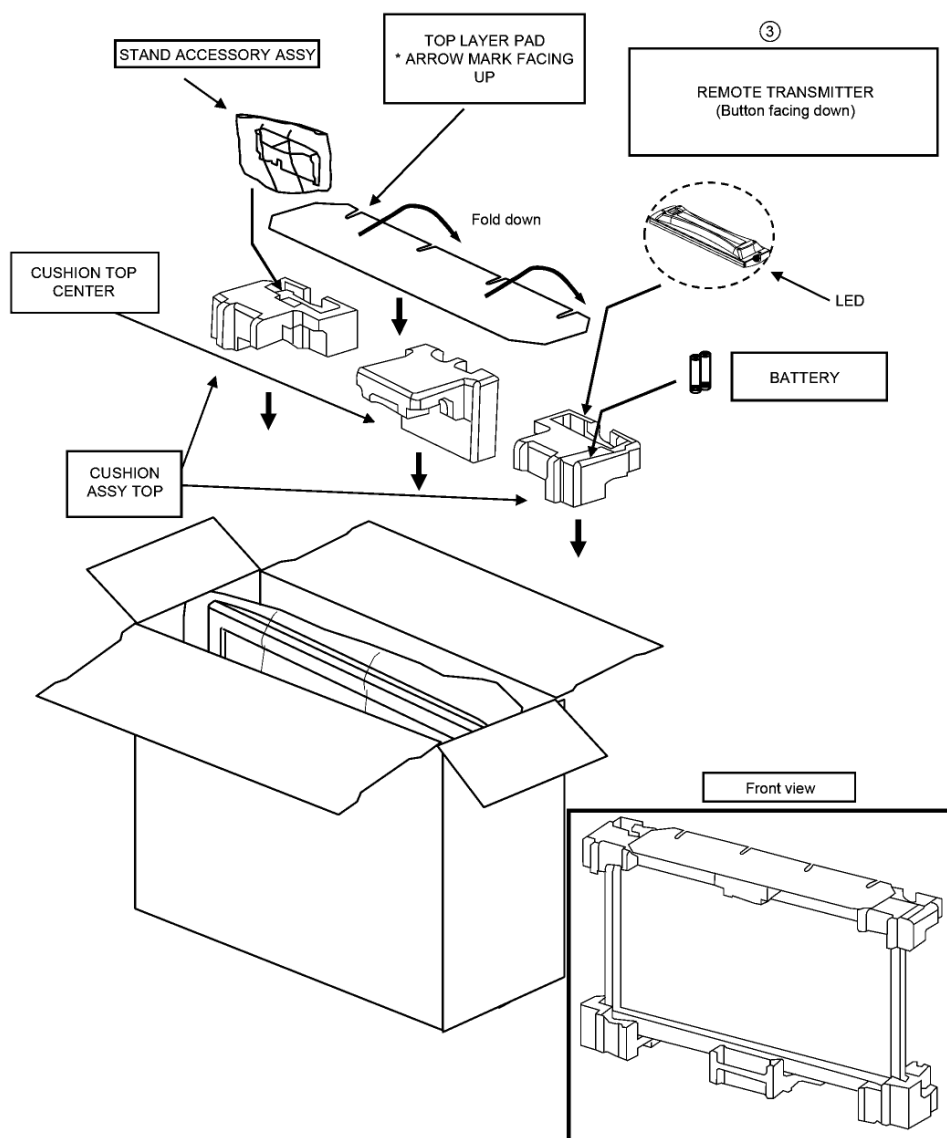
Model No. : TH-L42D22R Parts Location



Model No. : TH-L42D22R Packing Exploded View 1



Model No. : TH-L42D22R Packing Exploded View 2



Model No. : TH-L42D22R Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		K1PY51Y00053	LVDS FFC		
		K2CQ2YY00062	AC CORD		
	1	L0AA14B00008	SPEAKER		
	2	L5EDDAT00004	LCD PANEL		
	3	N2QAYB000543	REMOTE CONTROL TRANSMITTER		
	4	TBL4GA0045	PEDESTAL ASSY		
		TBL4GA3024	STAND MOUNTING		
		TBM4GC575	MODEL NAME PLATE		
		TKK4GC5024-1	LED PANEL		
		TKP4GA04105	SIDE AV BRACKET		
		TMX4GX007	AC CORD BRACKET		
	RTL	TZT/A10QBW	A PRINT ASSY		
	RTL	TNP4G482AA	DP PRINT		
	RTL	TNP4G484AC	TC PRINT		
	RTL	TNPA5134BA	V BOARD		
		TPD4GA0161-1	TOP CUSHION		
		TPD4GA0162-1	BOTTOM CUSHION		
		TPD4GA0163-1	TOP CENTER CUSHION		
		TPD4GA0164-1	BOTTOM CENTER CUSHION		
		TPD4GF0120	TOP LAYER PAD		
		TPE4GH033	SET COVER		
		TQZ4GB360	FAN BAG ASSY		
		TSXM104	TCON PANEL FFC		
	5	TTU4GA0480	BACK COVER ASSY		
	6	TTY4GA0194	CABINET ASSY		
	7	TXFPC010QDW	PACKING CASE ASSY		