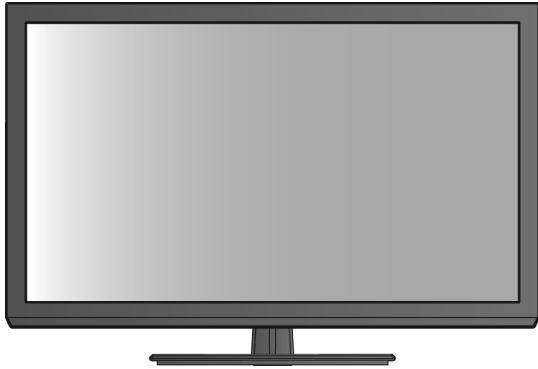


Service Manual

LCD TV

Model No. **TH-L32X50Z**Chassis: **KM16**Destination: **NEW ZEALAND**

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.

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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.

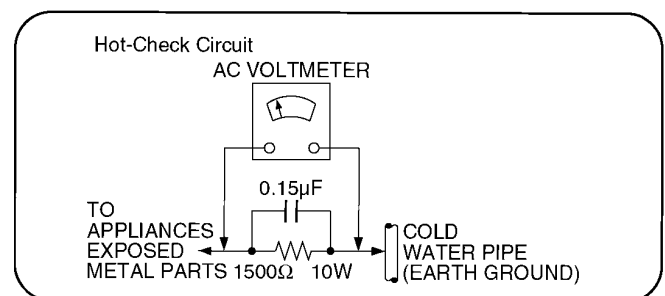


Figure 1

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).

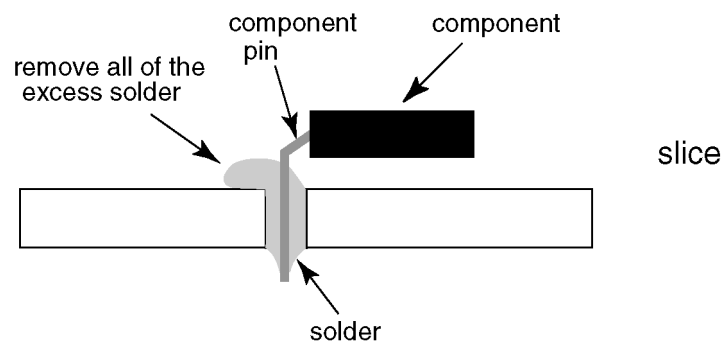
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

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.

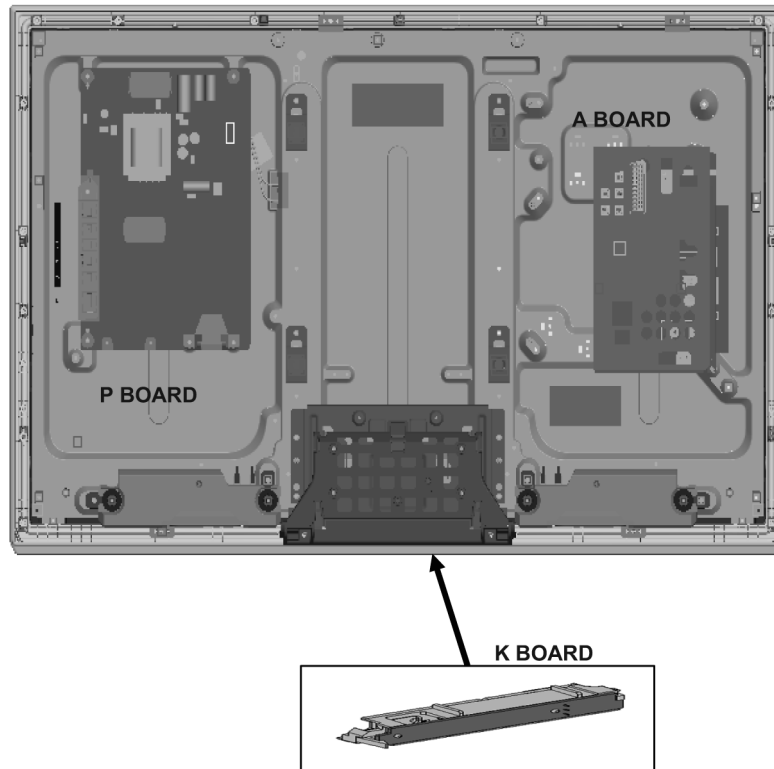
Caution

- 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)



3 Service Navigation

3.1. Service Hint



Board Name	Main Device	Remarks
A BOARD	AVSW, TUN, OFDM, P-SLD2, EEP	Repairable
P BOARD	Power Supply	Repairable
K BOARD	Remote, LED, Luminance Sensor	Repairable

4 Specifications

Power			
Power rating		AC 220-240 V, 50 / 60 Hz	0.55 A
Normal (Home) mode			70 W
Standby condition			0.25 W
Display panel			
Panel system		LED LCD panel	
Visible screen size (diagonal)			82 cm / 32 inches
Number of pixels			1,049,080 (1,366 (W) × 768 (H))
Dimensions (W × H × D)			761 mm × 517 mm × 230 mm (With Pedestal)
			761 mm × 463 mm × 53 mm (TV only)
Mass			10.0 kg Net (With Pedestal)
			8.0 kg Net (TV only)
Sound			
Speaker		(75 mm × 22 mm) × 2,	8 Ω
Audio Output			20 W (10 W + 10 W)
Headphones			M3 (3.5 mm) stereo mini Jack × 1
Receiving systems / Band name			
	PAL B, G		Reception of Off air broadcasts
	Digital TV		7 MHz VHF / UHF (Australia) free-to-air TV broadcast reception
	PAL 60 Hz		Playback of NTSC tape from some PAL Video recorders (VCR)
	M.NTSC		Playback from M.NTSC Video recorders (VCR)
	NTSC		Playback from NTSC Video recorders (VCR)
Aerial - Rear			VHF / UHF
Operating Conditions			
	Temperature		: 0°C - 35°C
	Humidity		: 20 % - 80 % RH (non-condensing)
Connection Terminals			
AV1 IN	AUDIO L-R	RCA PIN Type × 2	0.5 V [rms]
	COMPONENT	Y	1.0 V [p-p] (including synchronization)
		P _B /C _B , P _R /C _R	± 0.35 V [p-p]
AV2 IN	VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
	AUDIO L - R	RCA PIN Type × 2	0.5 V[rms]
	VIDEO	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
AUDIO OUT	AUDIO L -R	RCA PIN Type × 2	0.5 V[rms] (high impedance)
HDMI 1 / 2 / 3 input			
		TYPE A Connectors	
		• This TV supports 'HDAVI Control 5' function.	
PC			
		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)	
		• Applicable input signals:	
		VGA, SVGA, WVGA, XGA	
		SXGA, WXGA(compressed)	
		Horizontal scanning frequency 31 - 69 kHz	
		Vertical scanning frequency 59 - 86 Hz	
Card slot			
		SD Card slot × 1	
ETHERNET			
		10BASE-T / 100BASE-TX	
USB 1 / 2			
		USB 2.0 TYPE A Connectors	DC 5 V, Max, 500 mA
DIGITAL AUDIO OUT			
		PCM / Dolby Digital / DTS, Fibre optic	

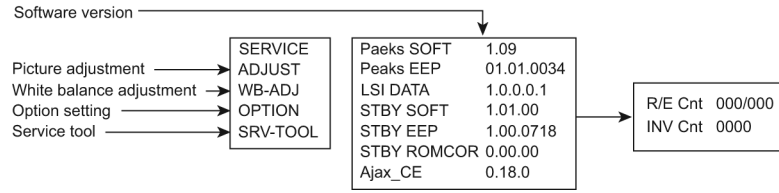
Note

- 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
ADJUST	CONTRAST	000
	COLOR	59
	TINT	FE
	SUB-BRT	800
	BACKLGT	20D
	B-Y-G	40
	R-Y-A	0
	VCOM	189
WB-ADJ	R-GAIN	75
	G-GAIN	80
	B-GAIN	65
	R-CENT	80
	G-CENT	80
	B-CENT	9B
OPTION	Boot	ROM
	STBY-SET	00
	EMERGENCY	ON
	CLK MODE	00
	CLOCK	FC7
	EDID-CLK	HIGH
SRV-TOOL		00

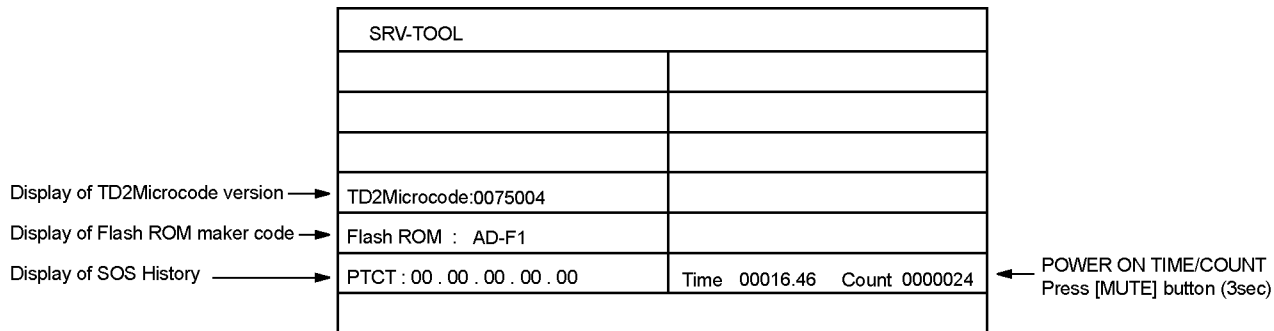
5.1.2. How to exit

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.



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.

5.2.5. Self Check Mode

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

5.2.6. 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.

5.2.7. 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] : Vol [Down] + [REMOTE] : INPUT (3 times).

Then, the Hotel mode setup menu is displayed.

Hotel Mode

Mode	Off
Input	-
Channel	-
Volume	+ 25
Vol. Max	+ 100
OSD Ctrl	Off
FP Ctrl	Off
Pow Ctrl	Off



3. To exit the Hotel mode setup menu
Disconnect AC power cord from wall outlet.
4. Explain the Hotel mode setup menu

Item	Function
Mode	Select hotel mode off/on
Input	Select input signal modes. Set the input, when each time power is switched on. Selection : -/RF/HDMI1/HDMI2/HDMI3/Component/Video/PC • Off: give priority to a last memory.
Channel	Select channel when input signal is RF. Set the channel, each time power is switched on. Selection : Any channel number or [-]. [-] means the channel when turns off.
Volume	Adjust the volume when each time power is switched on. Range : 0 to 100
Vol. Max	Adjust maximum volume. Range : 0 to 100
OSD Ctrl	Restrict the OSD. Selection : OFF/PATTERN1 • OFF: No restriction • PATTERN1: restriction
FP Ctrl	Select front key conditions. Selection : OFF/PATTERN1/ALL • OFF: altogether valid. • PATTERN1: only input key is valid. • ALL: altogether invalid.
Pow Ctrl	Select POWER-ON/OFF condition when AC power cord is disconnected and then connected. OFF: The same condition when AC power cord is disconnected. ON: Forced power ON condition.

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	
TUN	OK	
AVSW	OK	
STBY	OK	
MEM1	OK	
MEM2	OK	
MEM3	OK	
DCDC	OK	
DAC	OK	
ID	OK	
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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:

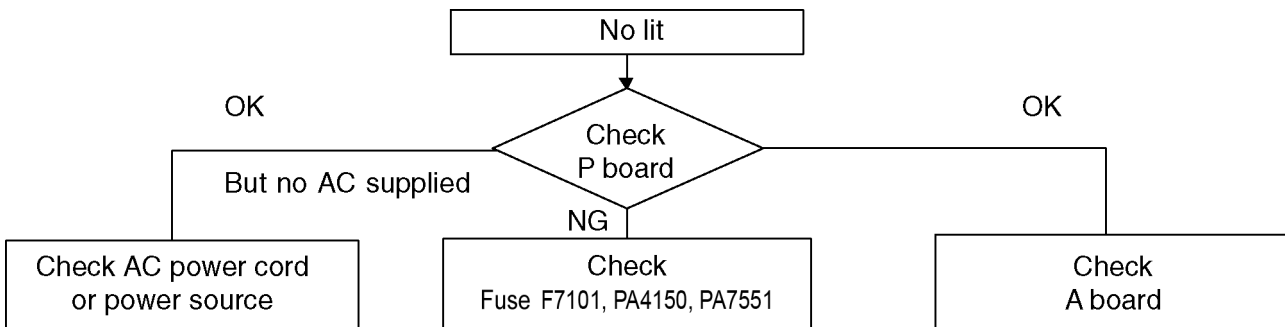
LCD		Remark	EEPROM ADR address	PCB NAME
Times	SOS			
1	BackLight_SOS		0 × 0461	A-Board P-Board LCD Panel
3	SOS(Tuner_SOS)		0 × 045B	A-Board
4	SUB12V_SENSE_SOS		0 × 045A	A-Board
7	SUB3.3V_SENSE_SOS		0 × 0459	A-Board
9	SOUND_SOS		0 × 045D	A-Board P-Board
12	BackEnd(sLD)_SOS		0 × 0466	A-Board
13	EMERGENCY_SOS	communication error		A-Board
14	IROM_SOS	Error of STM micon		A-Board

6.3. No Power

First check point

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

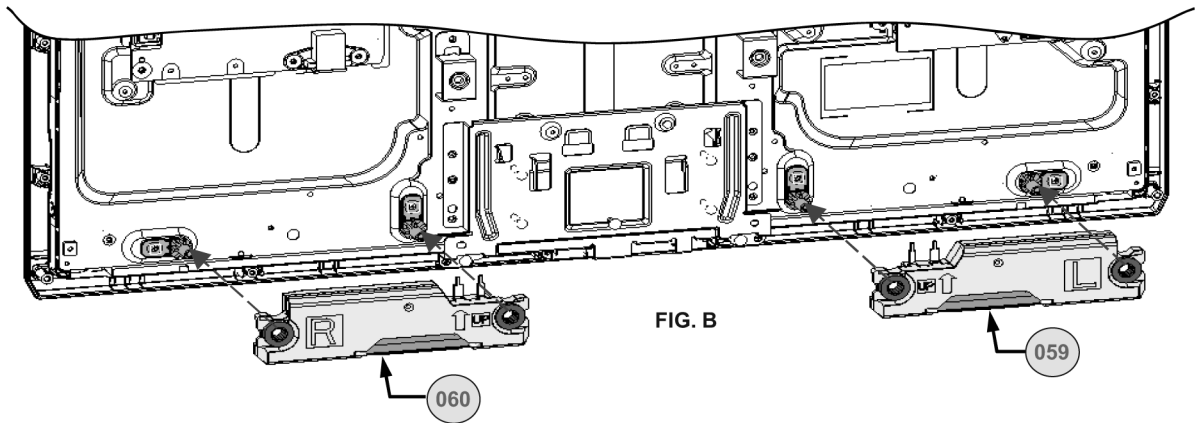
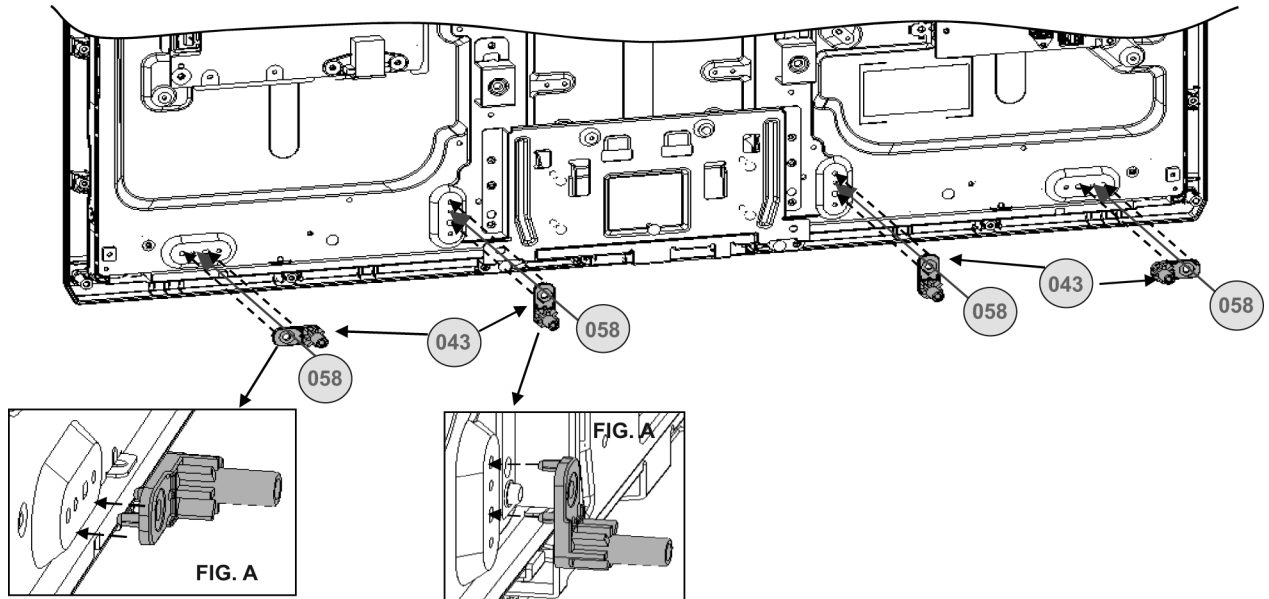
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 6.2.)



7 Disassembly and Assembly Instructions

7.1. SP Bracket

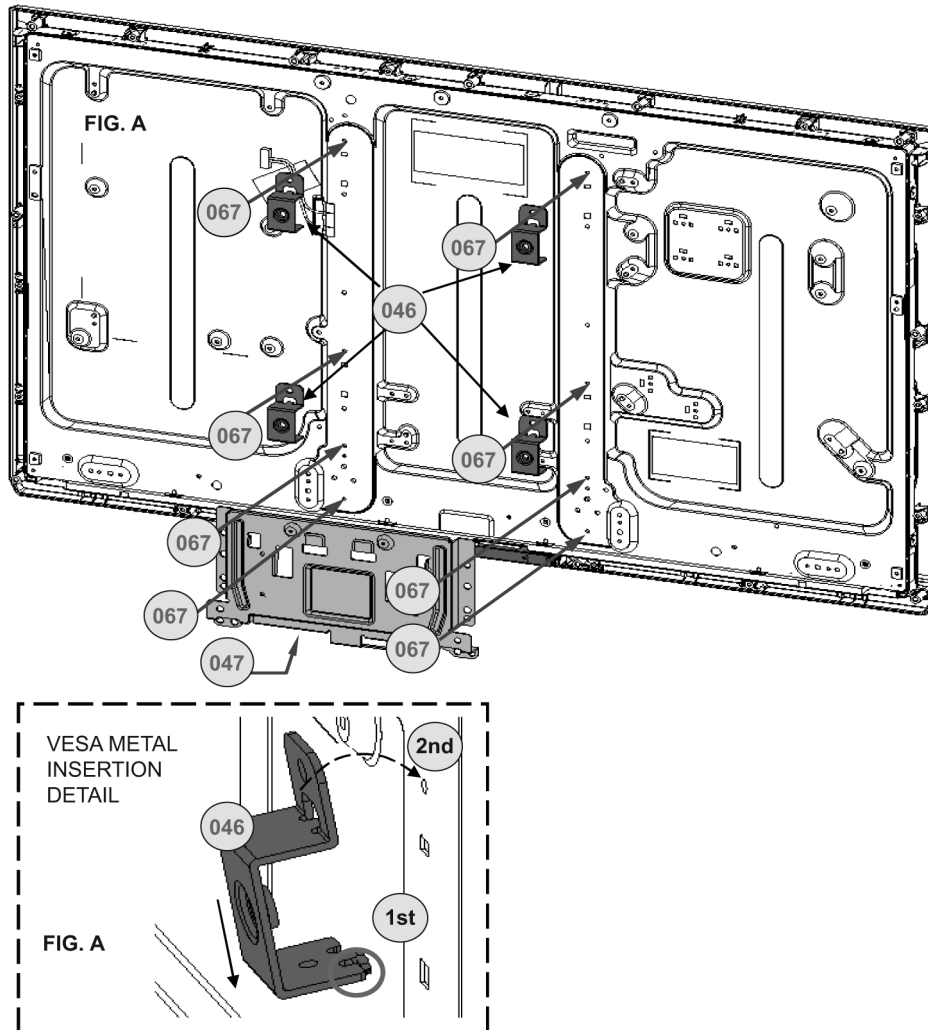
1. Fix Sp. Bracket to LCD panel with screw (Fig. A).
2. Fix Speaker Unit (L&R) to Sp. Bracket (Fig. B).

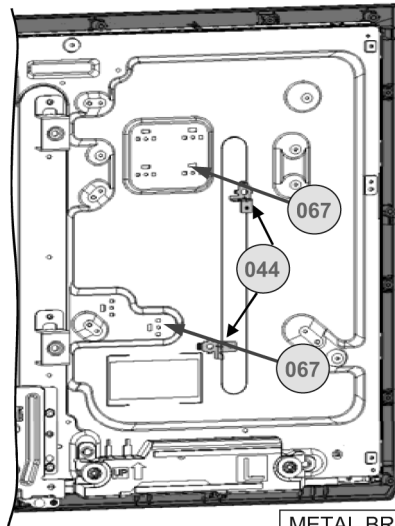


No	Item	Description	Qty
043	TKX5ZA02301	SP BRACKET	4 PC
058	XYN3+F8FJ	SCREW	4 PC
059	L0EYAA000006	SPEAKER UNIT L	1 PC
060	L0EYAA000007	SPEAKER UNIT R	1 PC

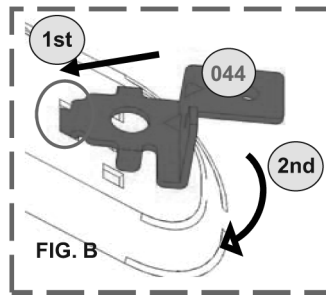
7.2. Vesa Metal Assembly

1. Fix Vesa Metal to LCD panel (Fig. A).
2. Fix Metal Bracket A-PCB to LCD panel (Fig. B).
3. Fix metal bracket bottom by screw.





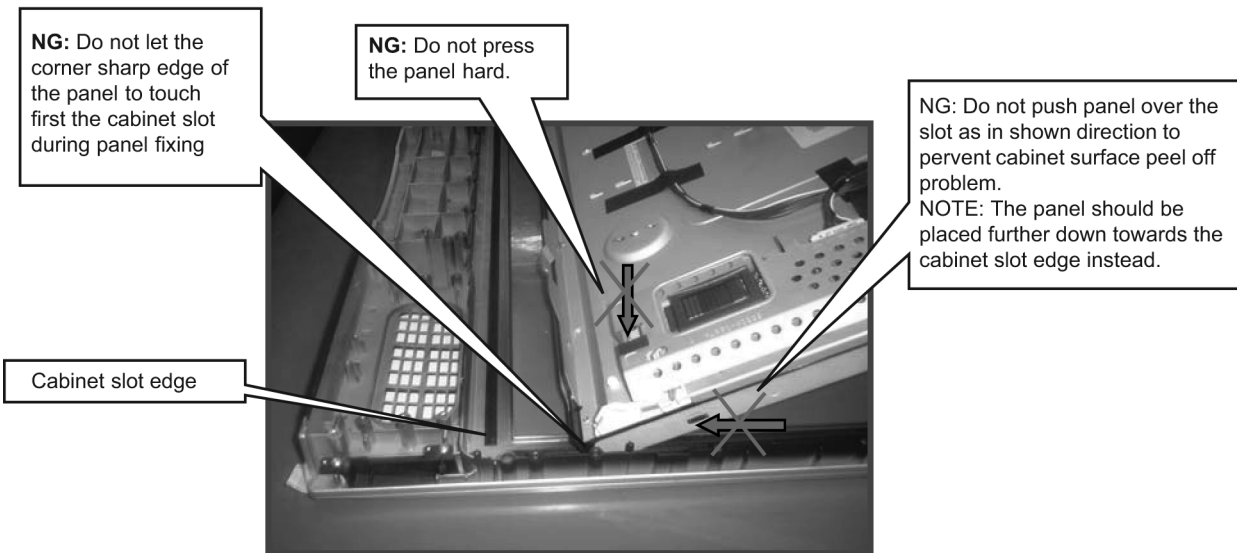
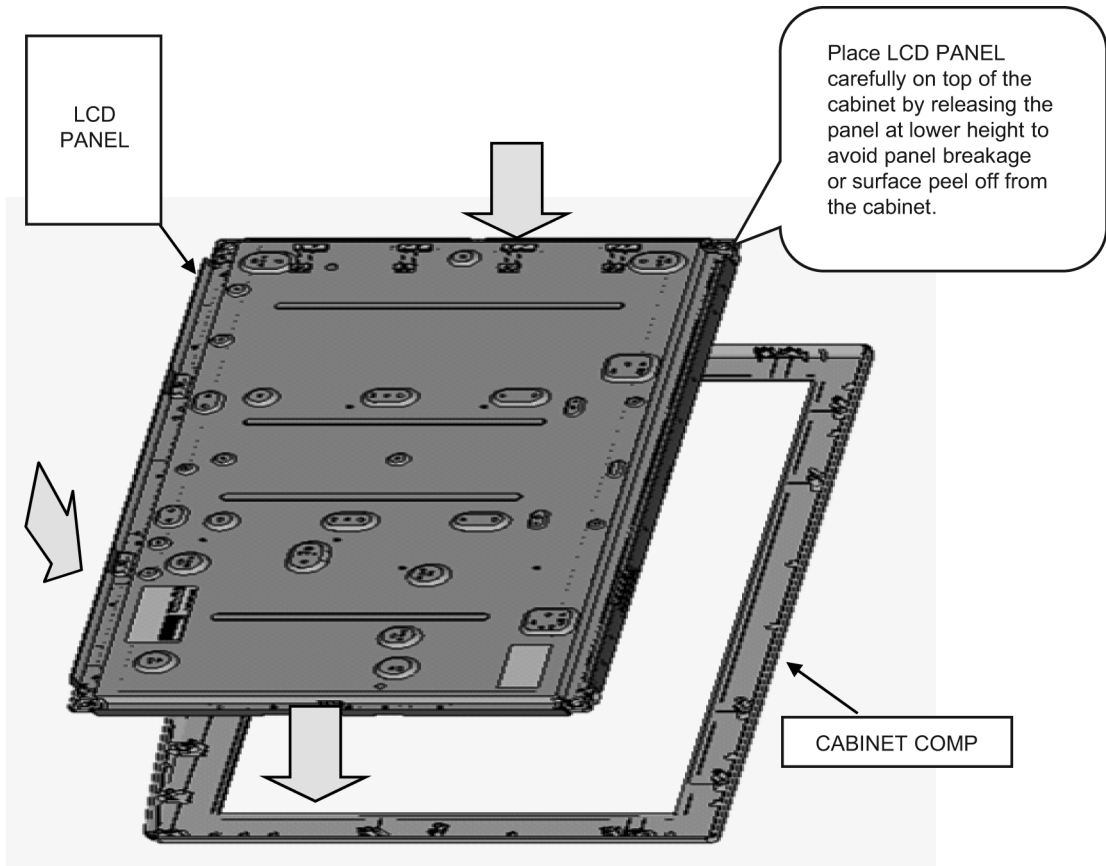
METAL BRACKET A-PCB
INSERTION DETAIL



No	Item	Description	Qty
046	TKZ5ZX5008	VESA METAL	4 PC
044	TKZ4GG5014	METAL_BRACKET-A_PCB	2 PC
047	TKZ5ZX5010	METAL BRACKET BOTTOM	1 PC
067	THEJ036J	SCREW	10 PC

7.3. LCD Panel Fixing & Handling Method

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

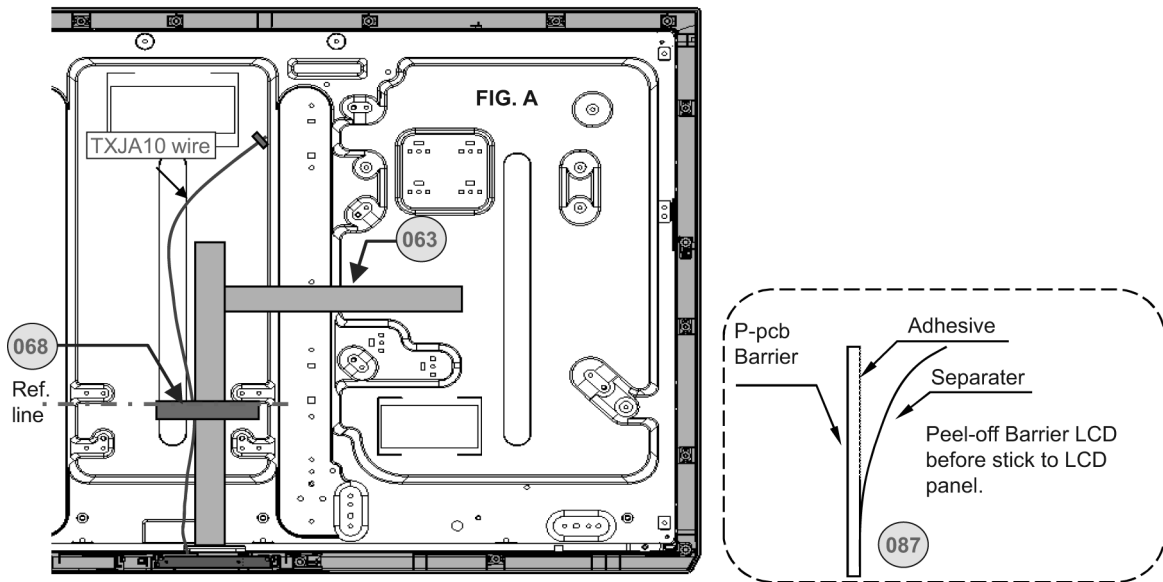
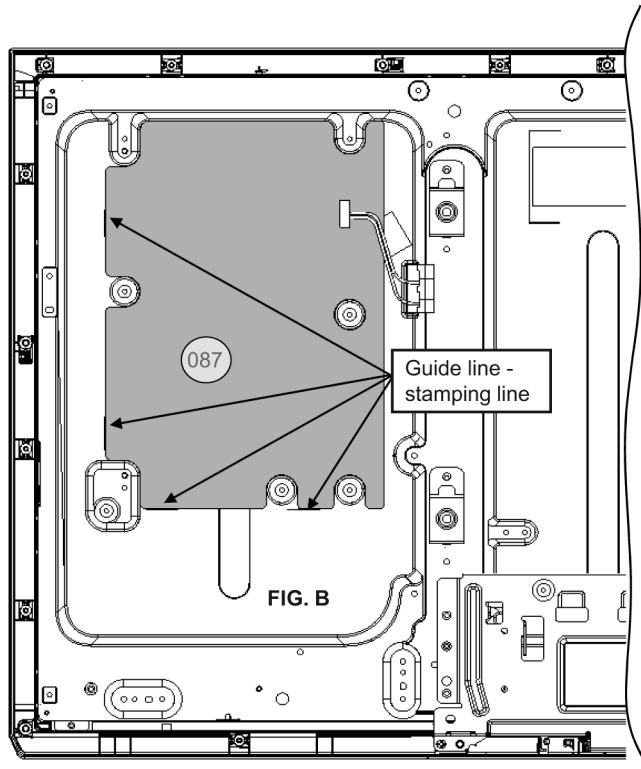


Other general precautions

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.

7.4. Barrier LCD

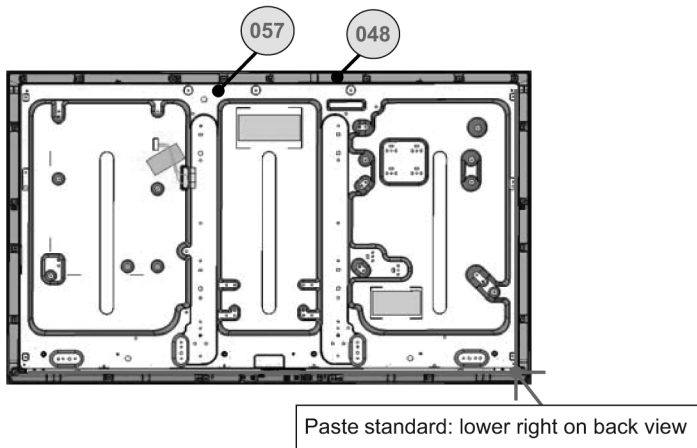
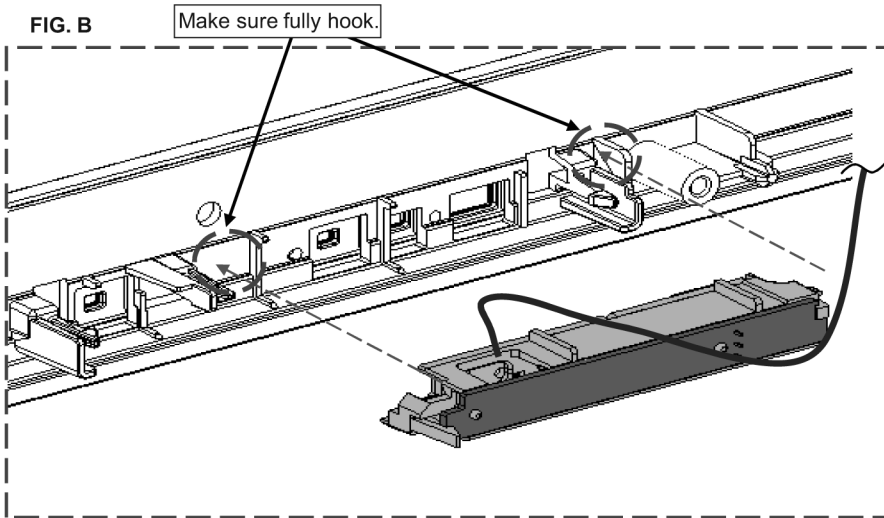
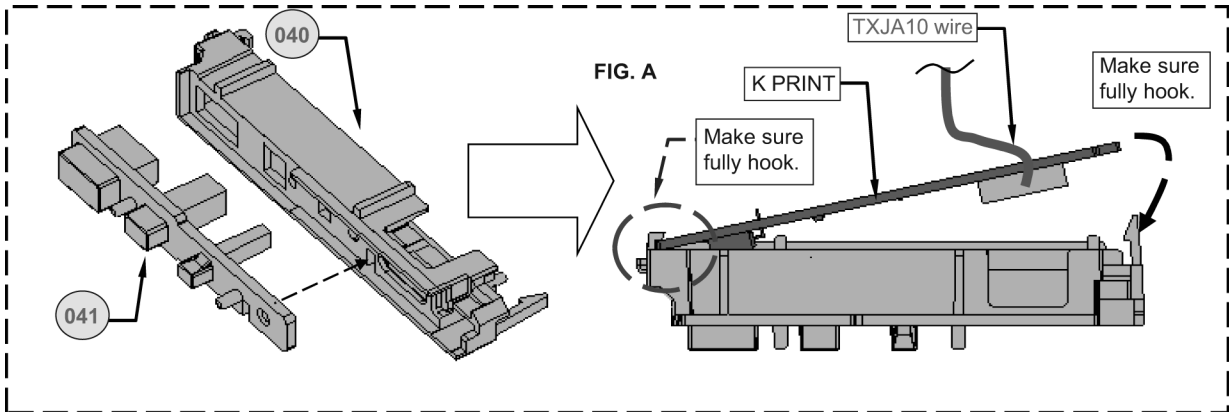
1. Fix LVDS Cable to bottom LCD panel (Fig. A).
2. Stick LVDS cable & A10~K10 wire with pet tape (Fig. A).
3. Stick barrier LCD to LCD Panel (Fig. B).



No	Item	Description	Qty
063	TSCKF0010005	LVDS CABLE	1 PC
068	T4FP1505J	PET TAPE	0.1 MT
087	TMK4GX087	BARRIER LCD	1 PC

7.5. LED Panel Assembly

1. Prepare LED panel Assy (Fig. A).
2. Fix LED panel assy to Cabinet complete assy (Fig. B).
3. Fix LCD panel to Cabinet assy (Fig. C).

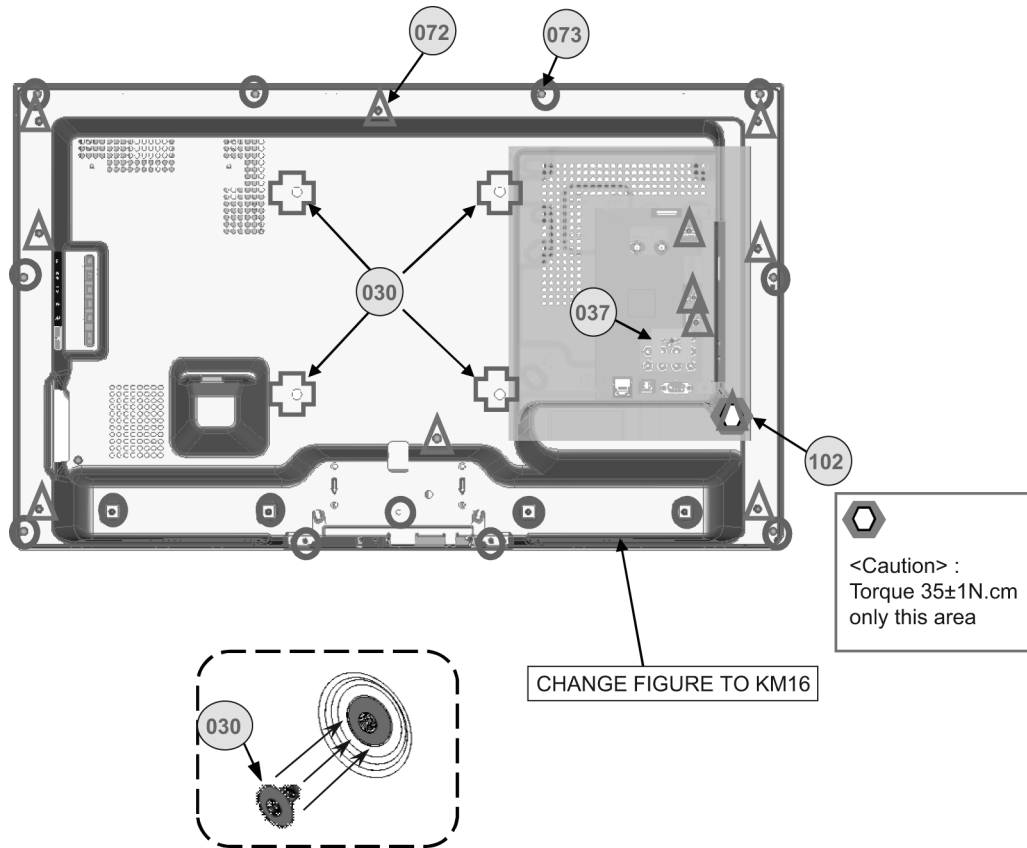


1. Insert LCD panel to bottom right of cabinet before screwing.
2. Once back cover is closed, push back cover to left before screwing.

No	Item	Description	Qty
041	TKK5ZC50201	LED PANEL	1 PC
040	TKK5ZC50141	LED PANEL BRACKET	1 PC
057	VVX32H125G00	LCD PANEL	1 PC
048	TTY4GA0261	CABINET COMPLETE ASS'Y	1 PC

7.6. Back Cover Screw

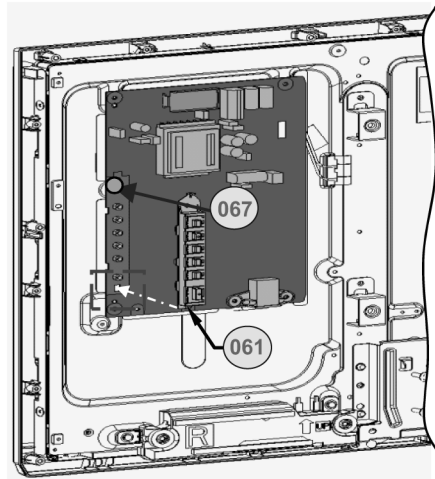
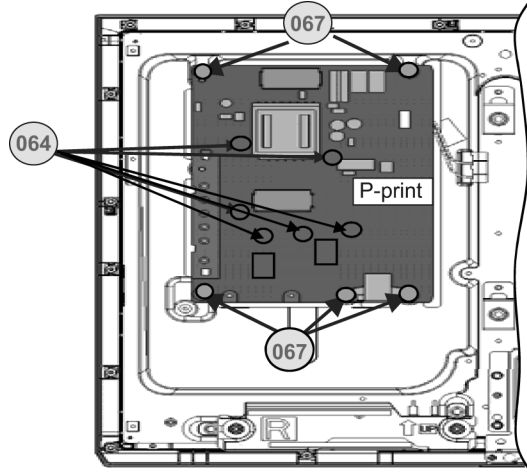
1. Fix screw to Back Cover.
2. Install M6 cap to Back Cover.



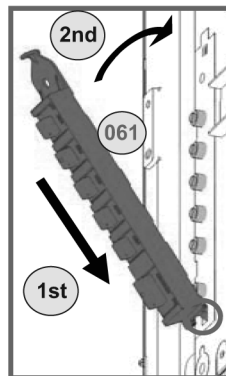
No	Item	Description	Qty
073	THTD030J	SCREW	15
072	THEC1509	SCREW	12
037	XTV3+8GFJK	SCREW(AV1)	1
030	TKKL5521	M6_CAP	4
102	TMK4GX113	WASHER	1

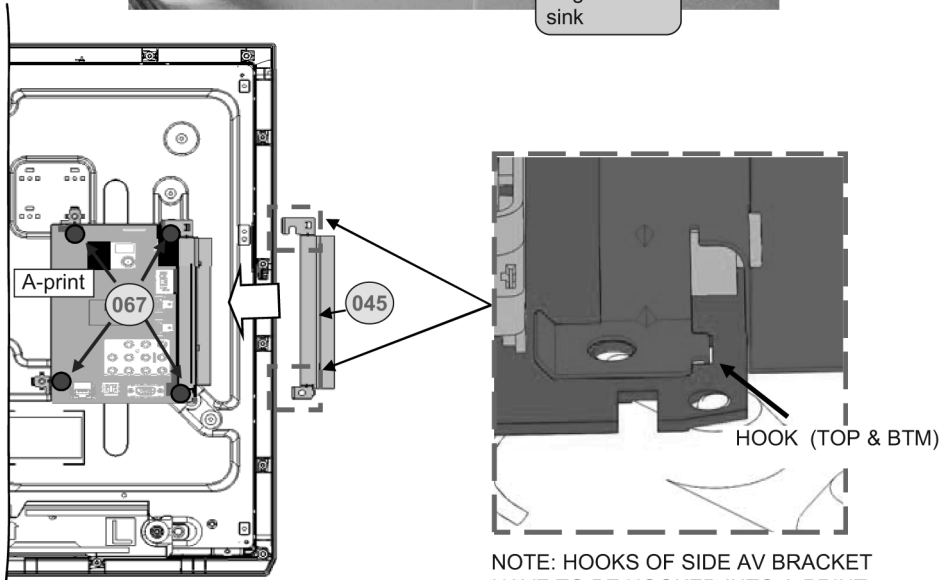
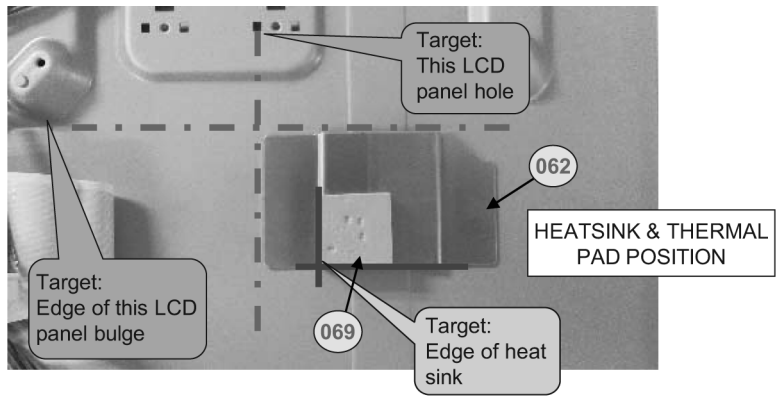
7.7. P-Print Assy

1. Fixing P-print to LCD panel.
2. Fix Spacer(P-pcb - 6 pcs) & Key Button to P-print.
3. Fix thermal pad to heat sink, peel-off separator behind heat sink and stick to LCD panel.
4. Fixing A-print to LCD panel.
5. Fixing Metal AV Bracket Side to A-print.
6. Fix above part with screw.



KEY BUTTON
INSERTION DETAIL



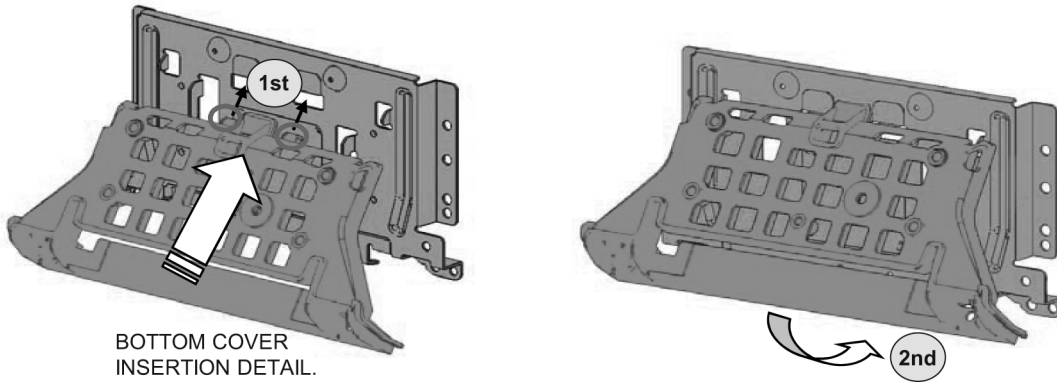
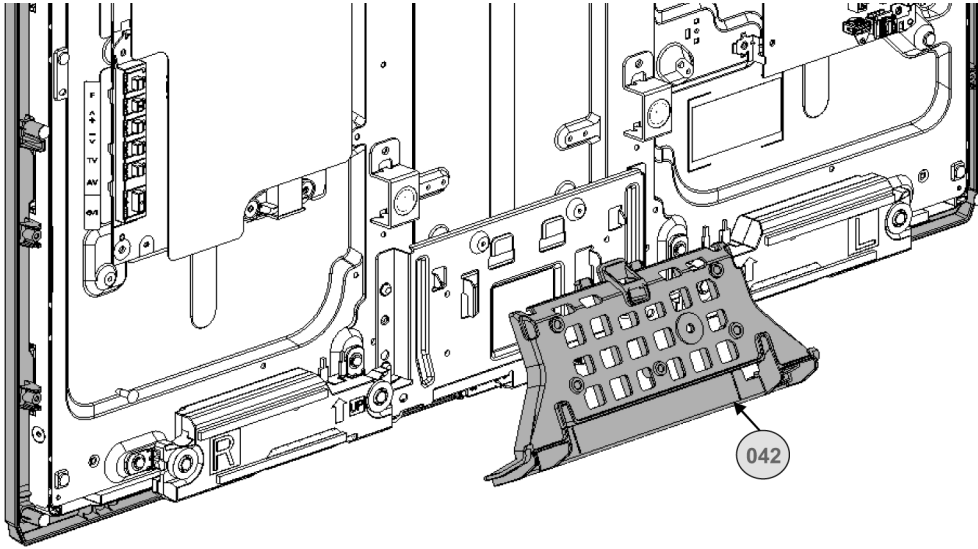


NOTE: HOOKS OF SIDE AV BRACKET HAVE TO BE HOOKED INTO A-PRINT.

No	Item	Description	Qty
064	TMME399	SPEACER (P-PCB)	6 PC
061	TBX5ZA00301	KEY BUTTON	1 PC
045	TKZ5ZF50162	METAL AV BRACKET SIDE	1 PC
067	THEJ036J	SCREW	10 PC
062	TUC5ZJ50041	HEATSINK	1 PC
069	TMKK481	THERMAL PAD	1 PC

7.8. Bottom Cover

Fix Bottom Cover to Metal Bracket bottom.

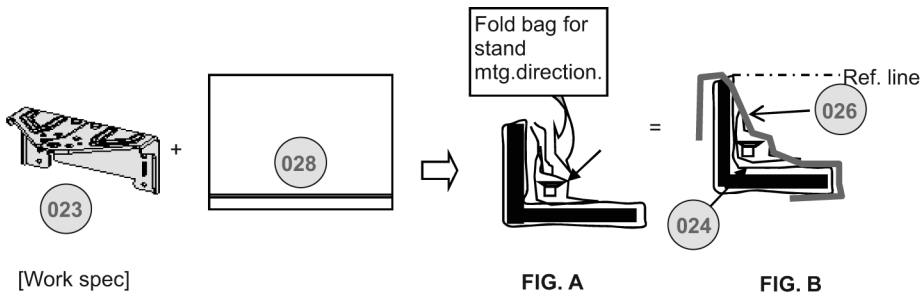


BOTTOM COVER
INSERTION DETAIL.

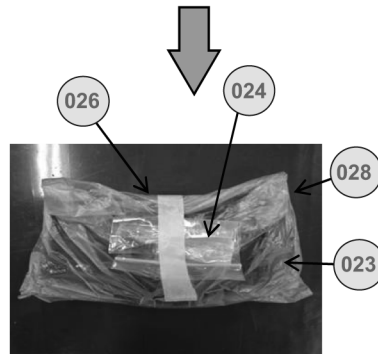
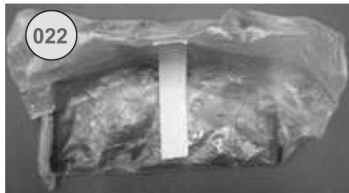
No	Item	Description	Qty
042	TKP5ZA13801	BOTTOM COVER	1 PC

7.9. Stand MTG & Pedestal MTG

1. Prepare screw packing kit (Fig. C).
2. Insert Stand Mtg into bag.
3. Fold bag and put screw packing kit as shown (Fig. A).
4. Stick with Yellow Tape (Fig. B).



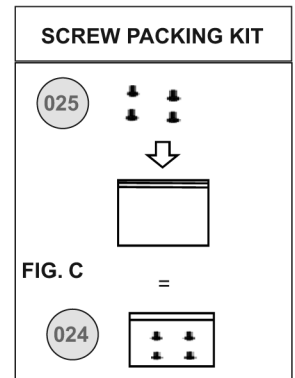
[Work spec]
Stick yellow tape with stand mtg ass'y. [Refer below spec].



STAND MTG ASSY

<Caution>
Ensure YELLOW TAPE is stucked at Stand MTG Assy.

ASSEMBLY CONTENT :
1) Put all screw inside plastic bag



No	Item	Description	Qty
022	TBL5ZX03761	STAND MTG ASSY	1 PC
023	TBL5ZA32151	STAND MOUNT	1 PC
026	T5E4G62400	PAPER TAPE	0.16 MT
027	TQF4GA175	BARCODE LABEL	1 PC
028	TPE4GH072	BAG	1 PC
024	TXFPE03NJUU	SCREW PACKING KIT	1 PC
025	XSS5+16FJK	SCREW	4 PC

8 Measurements and Adjustments

8.1. Voltage chart of A-board

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

Power Supply Name	Measurement Point	Specification (V)
SUB1.8V	TP8700	1.74 - 1.90
SUB1.2V	TP8100	1.18 - 1.32
SUB3.3V	TP8701	3.19 - 3.46
SUB5V	TP8702	4.95 - 5.25
STB5V	TP5400	4.9 - 5.1
SUB1.5V	TP8101	1.4 - 1.6

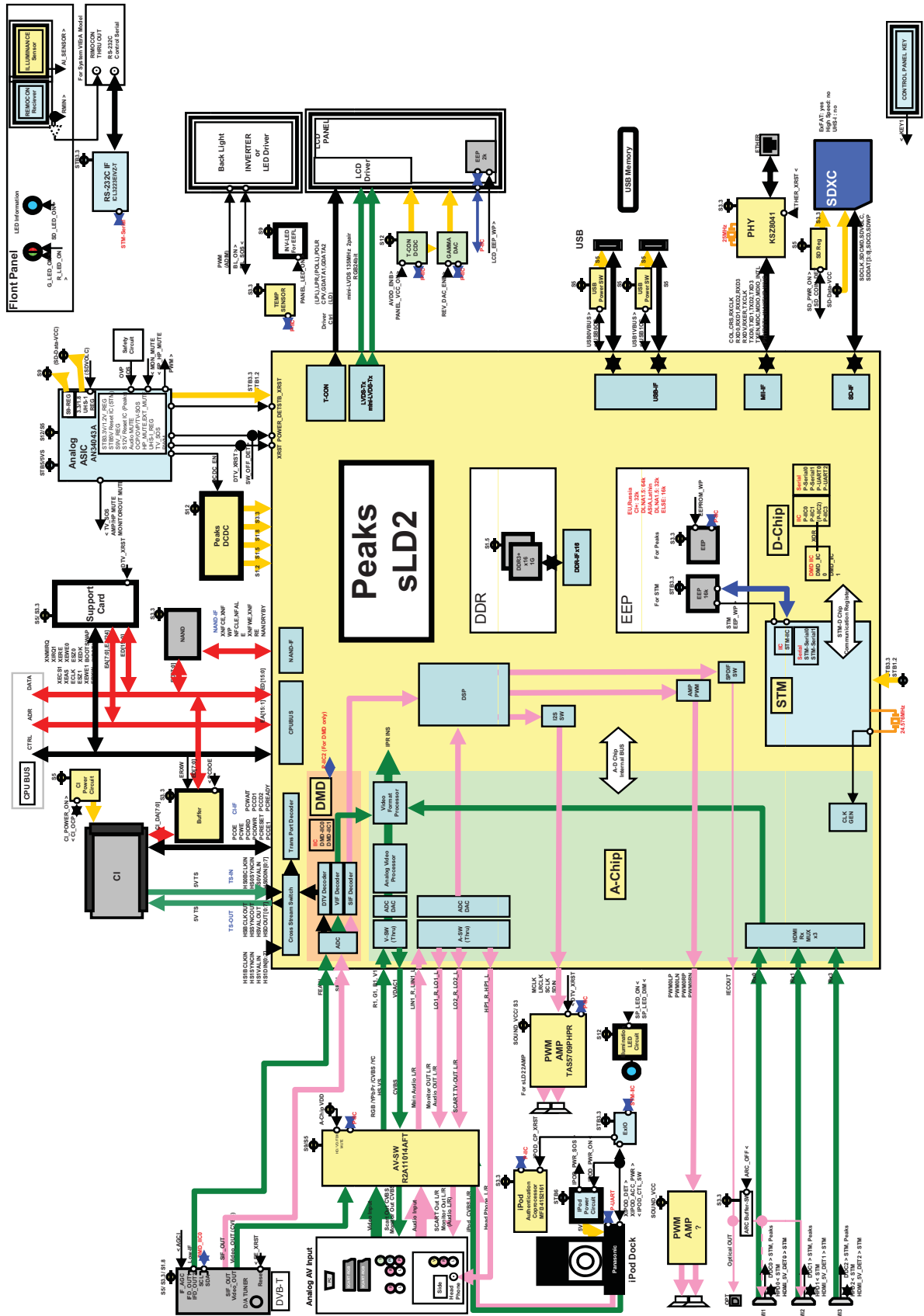
8.2. Voltage chart of P-board

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

VOLTAGE	TEST POINT	Specification	
		Operate	STBY
5.8V	TP7507	6.2 ± 0.5 V	5.6 ± 0.3 V
15.6V	TP7508	15.6 ± 0.8 V	-
40V	TP7501	40 ± 4V	-

9 Block Diagram

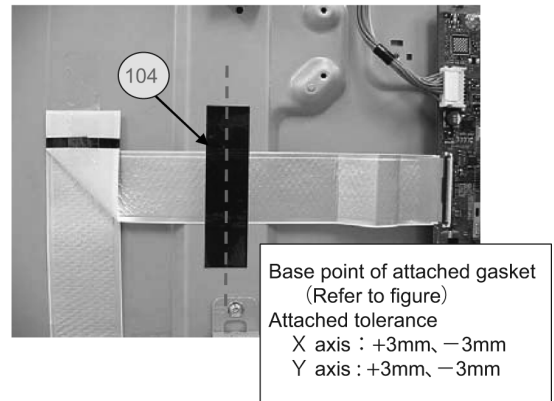
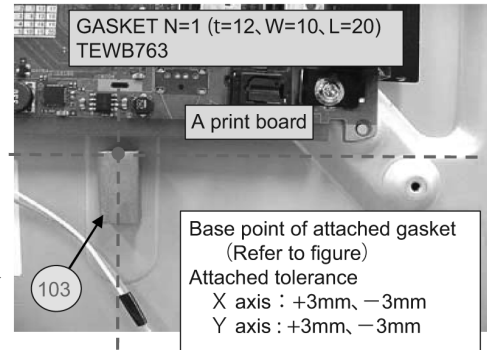
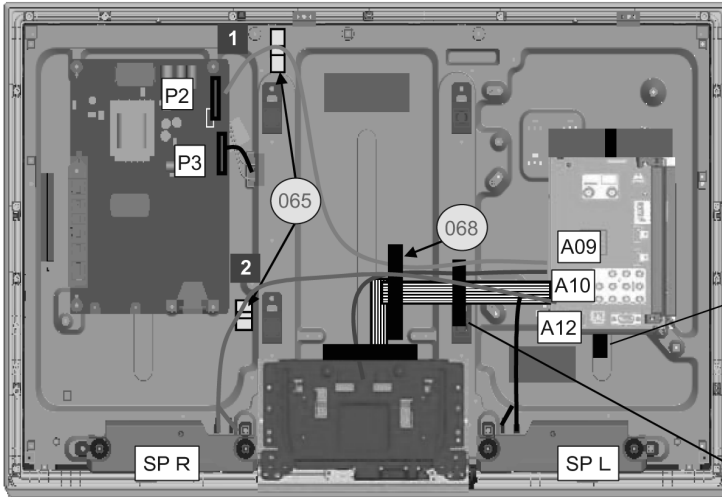
9.1. Main Block Diagram



10 Wiring Connection Diagram

10.1. Wire Dressing

1. Fix clumper (2 pcs).
2. Wiring No 1~ No 2.
3. Stick gaasket (1).
4. Install PET tape (1).
5. Install AL PET tape (1)



ATTENTION: WIRES MAY NOT TOUCH ANY SHARP EDGES OF THE METAL PARTS




No	Item	Description	Qty	Remarks
065	TMME268	CLAMPER(LCD2)	2 PC	
068	T4FP1505J	PET TAPE	0.1 PC	
103	TEWB763	GASKET	1 PC	TH-L32X50A/H/Z
104	TEW4GF007	AL/PET TAPE	1 PC	




Wire		Clumper	
		1	2
No.1	P2 - A09	●	
No.2	P3		
No.3	A10 - KA10		
No.4	A12 - SP(L)		
No.5	A12 - SP(R)		●

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.

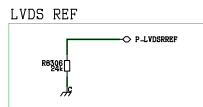
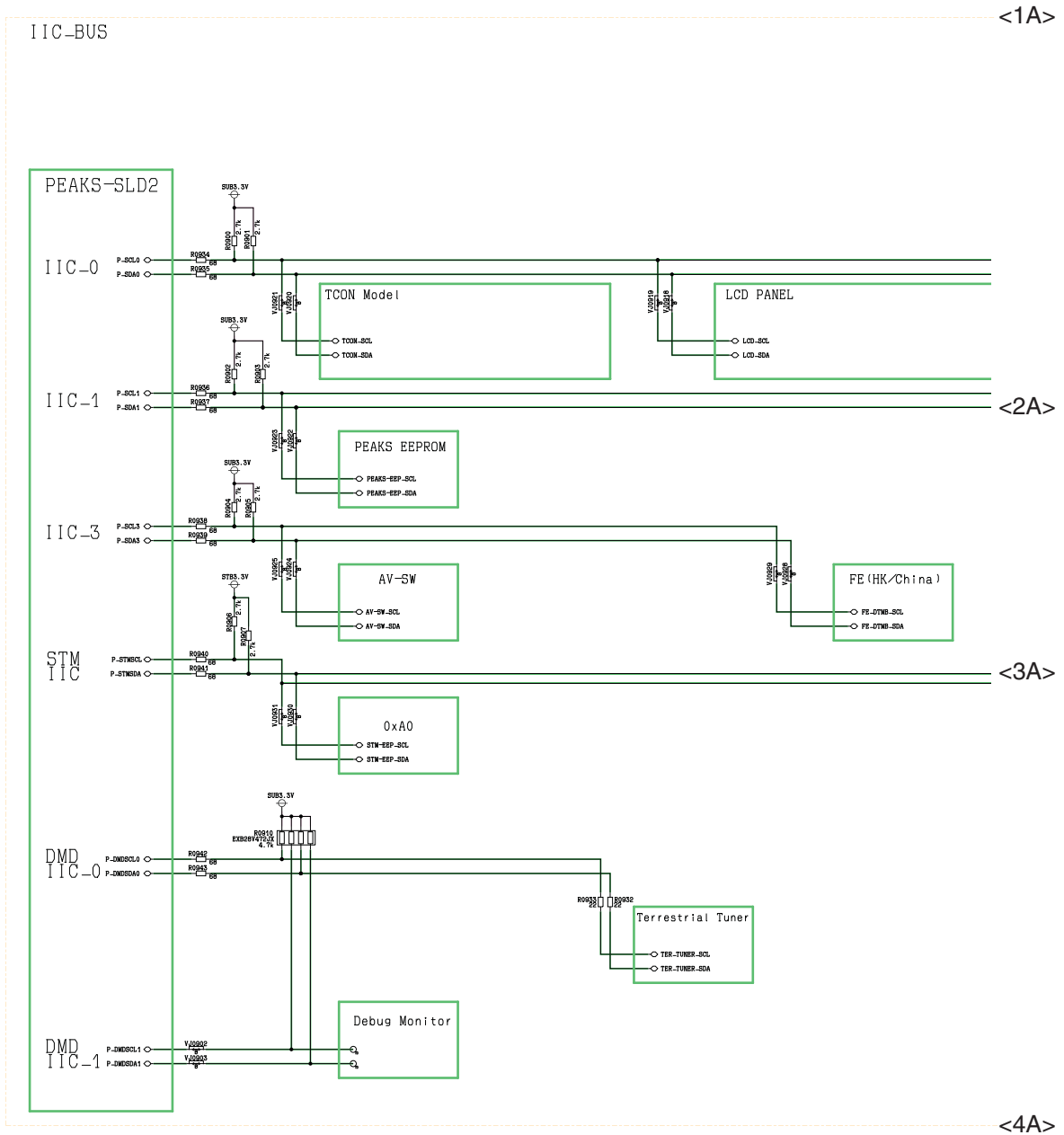
Remarks:

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 / 2)

SHEET 002

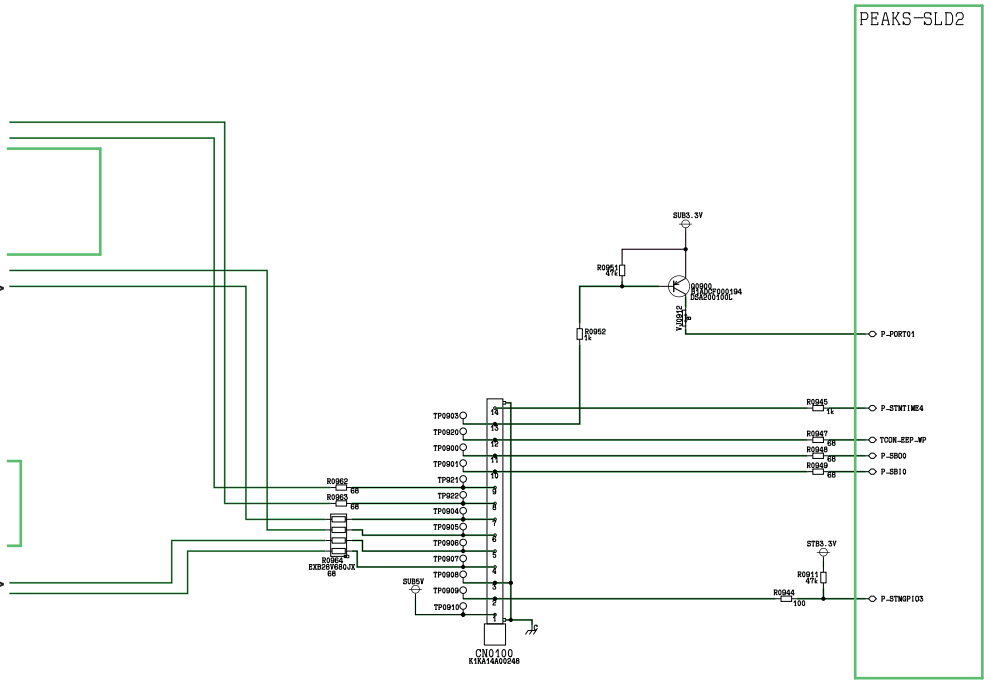


11.2.2. A Board - Sheet : 002 (2 / 2)

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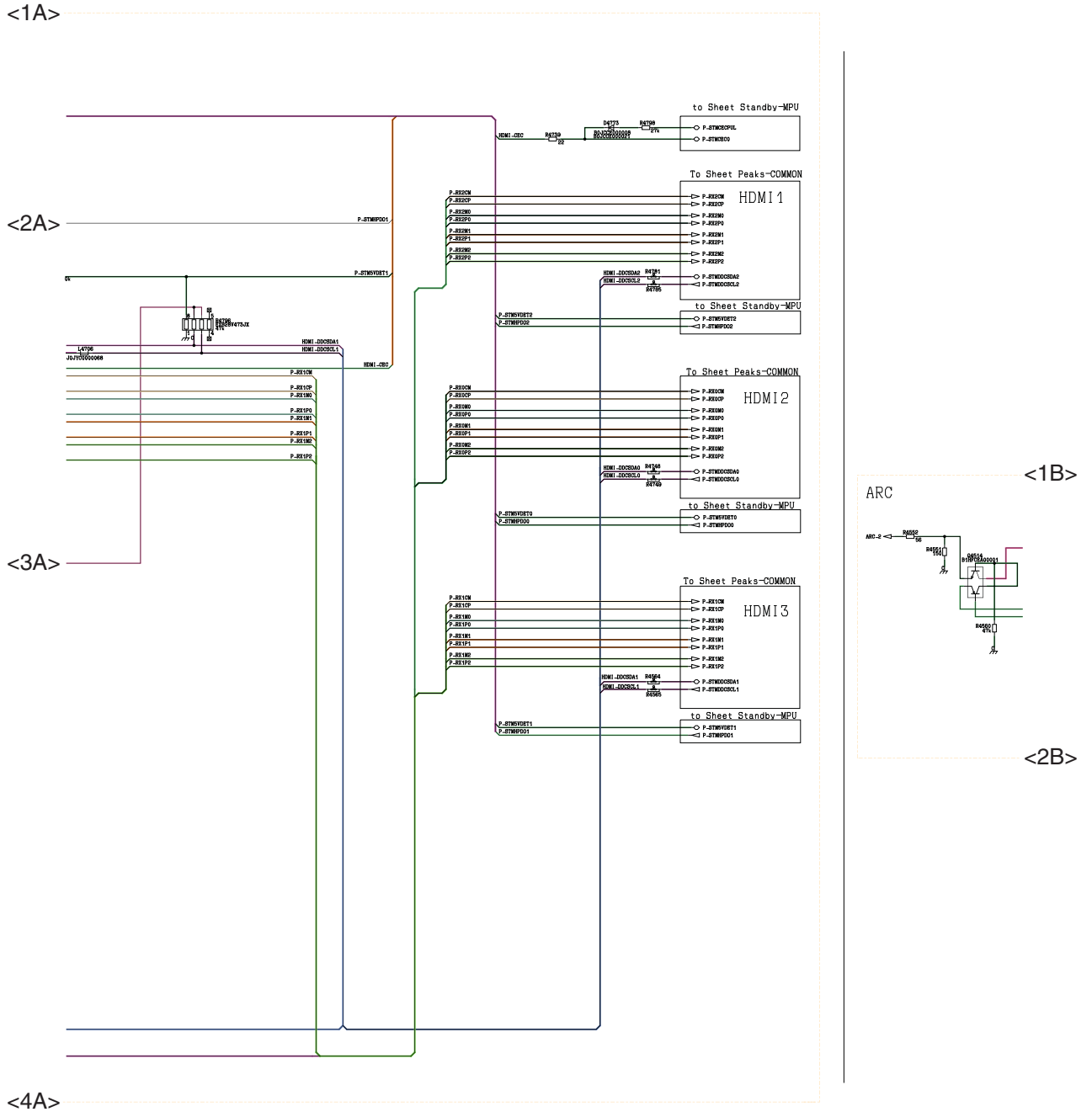
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<3A>



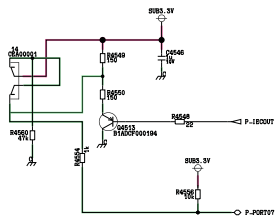
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11.2.4. A Board - Sheet : 003 (2 / 5)

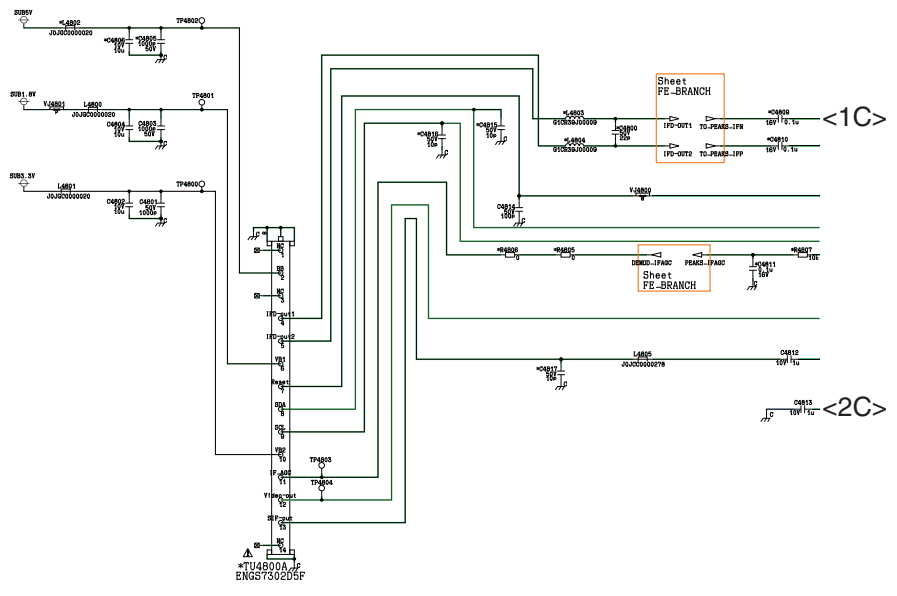


11.2.5. A Board - Sheet : 003 (3 / 5)

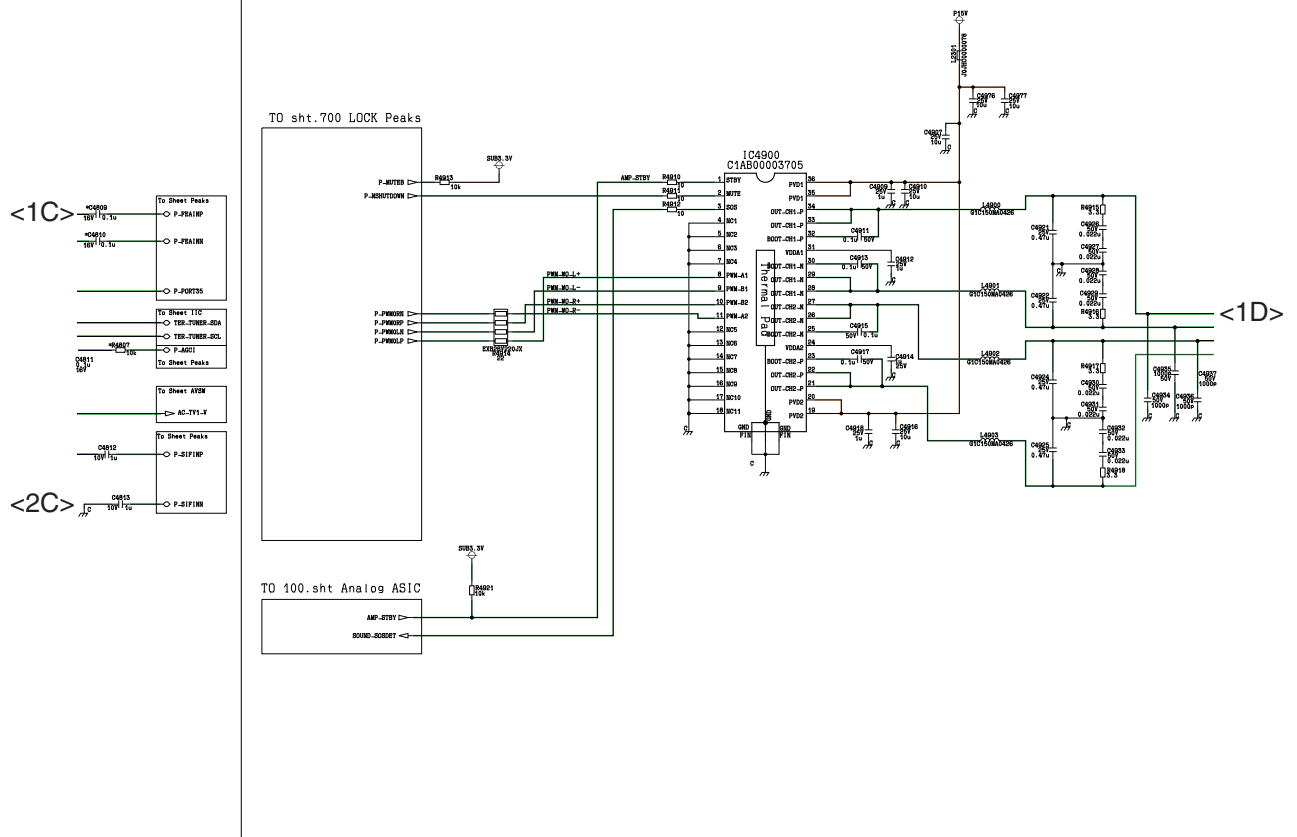
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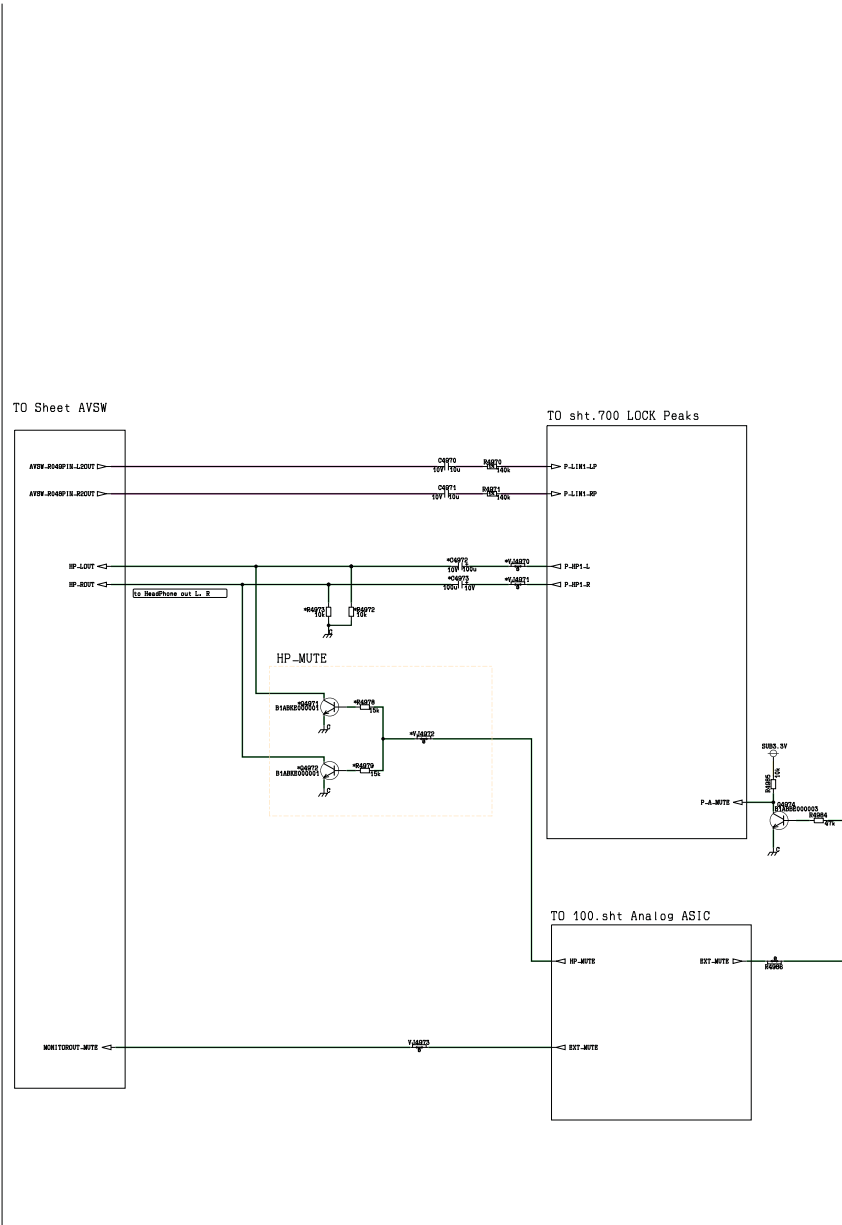
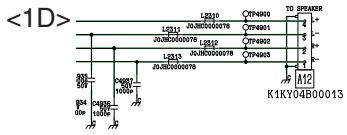
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11.2.6. A Board - Sheet : 003 (4 / 5)

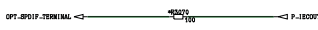
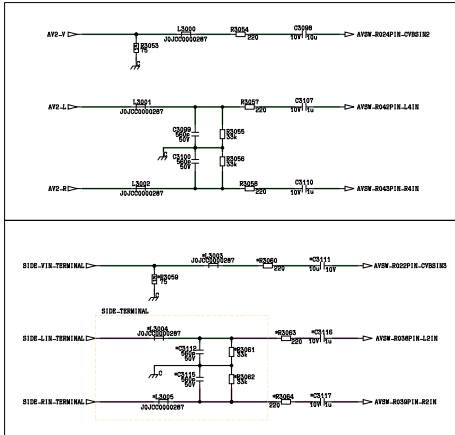


11.2.7. A Board - Sheet : 003 (5 / 5)

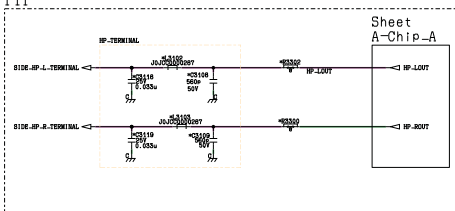


11.2.8. A Board - Sheet : 004 (1 / 2)

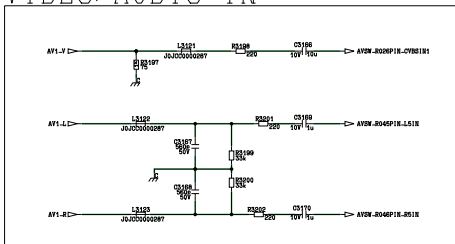
VIDEO/AUDIO IN



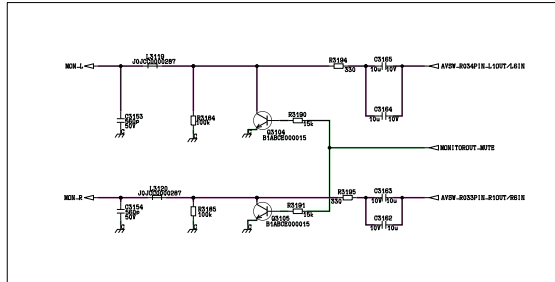
HP



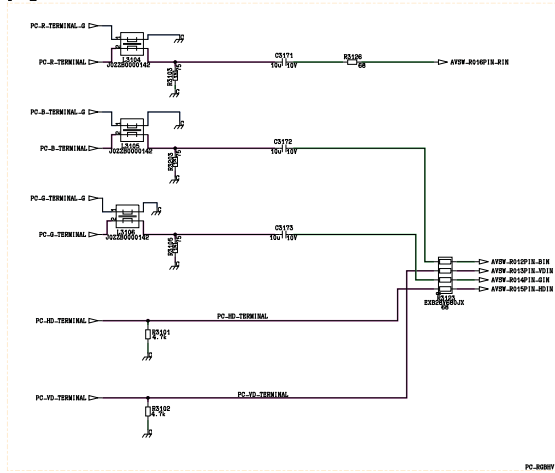
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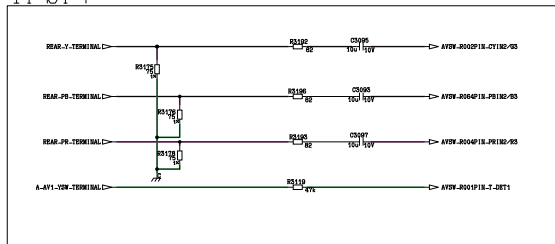
MONITOR OUT



PC



YPbPr

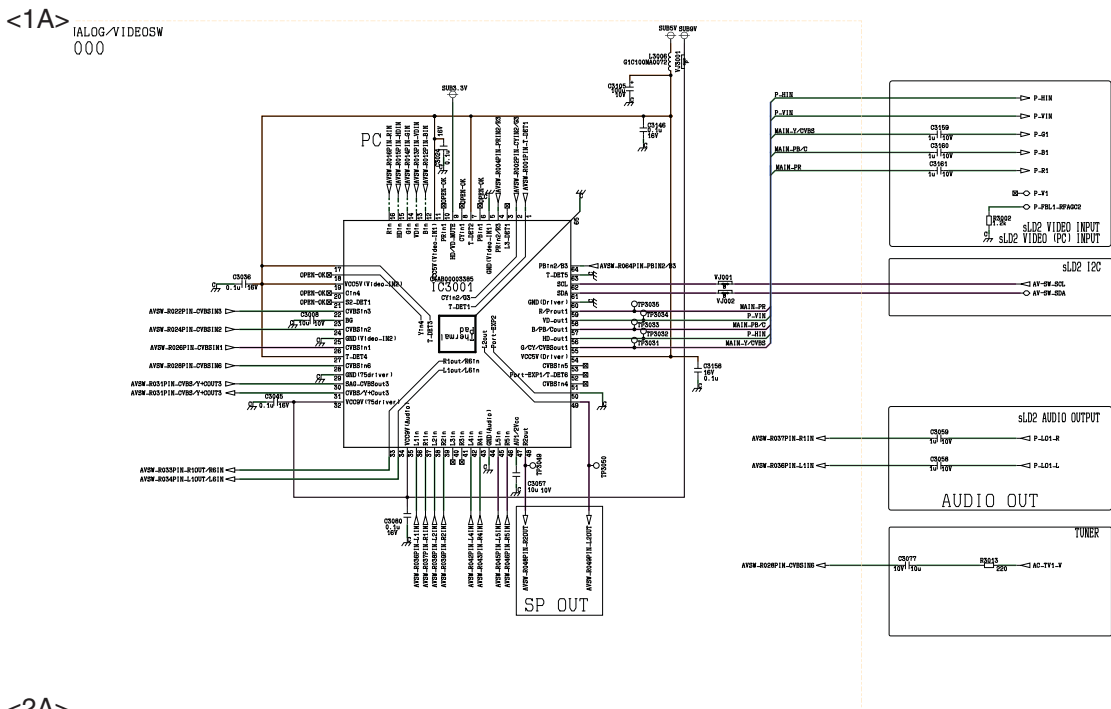


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AN.
30

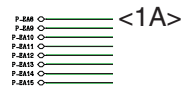
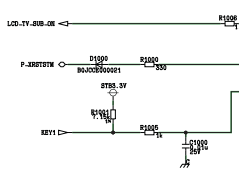
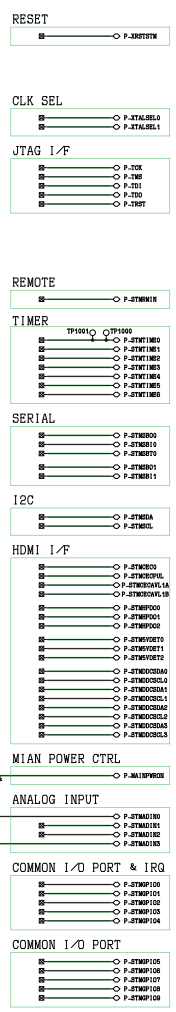
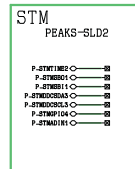
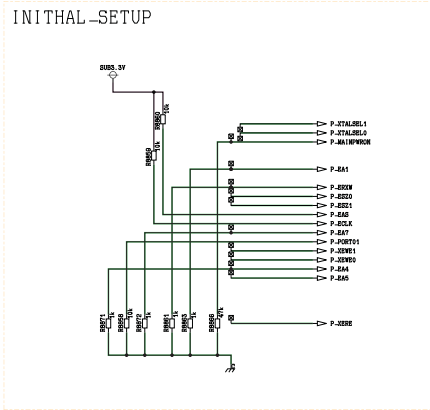
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11.2.9. A Board - Sheet : 004 (2 / 2)

SHEET 004

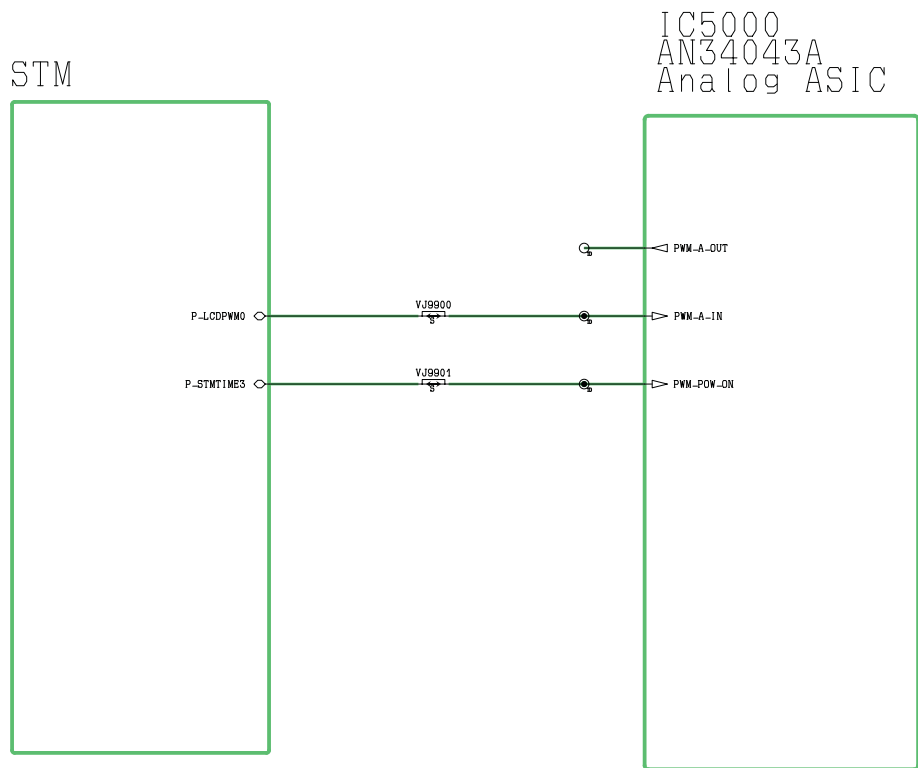


11.2.10. A Board - Sheet : 005 (1 / 2)



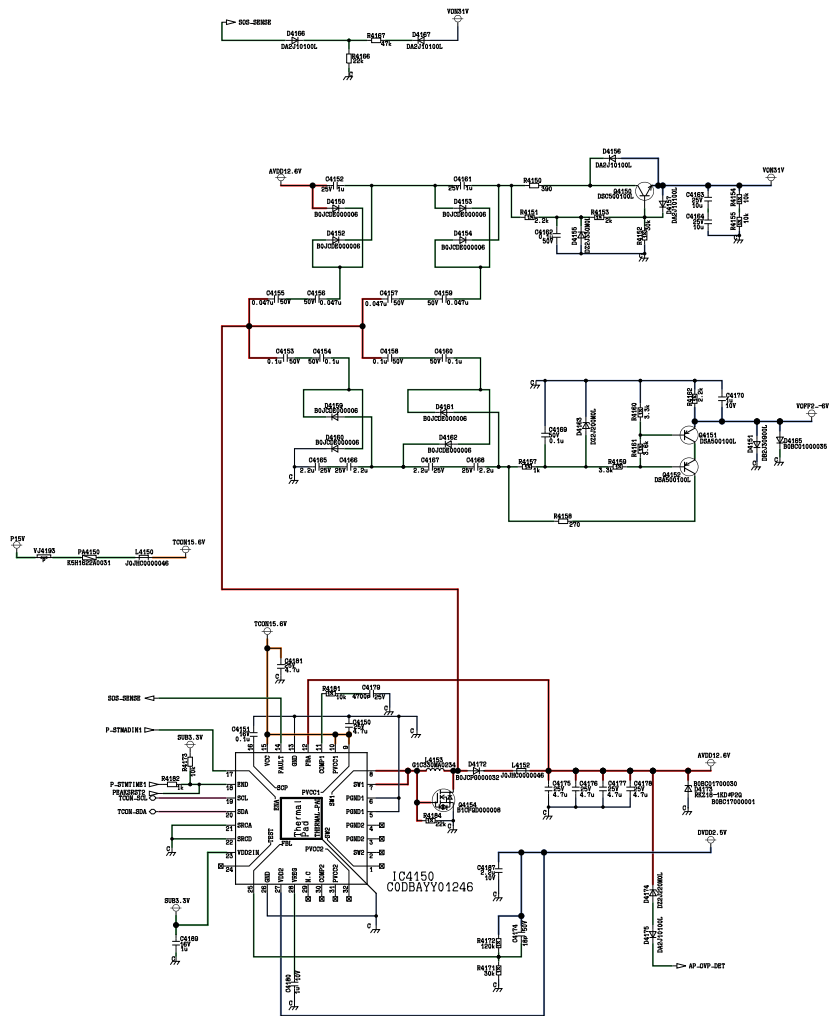
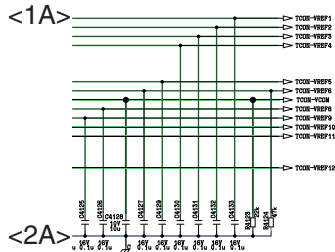
11.2.12. A Board - Sheet : 008 (1 / 1)

SHEET 008



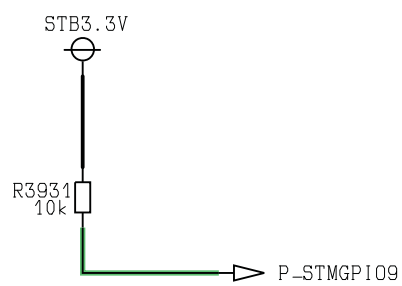
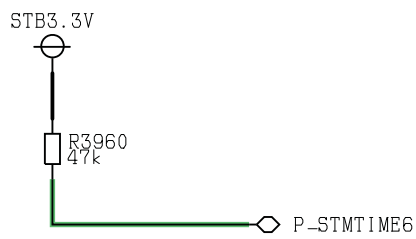
11.2.14. A Board - Sheet : 009 (2 / 2)

SHEET 009

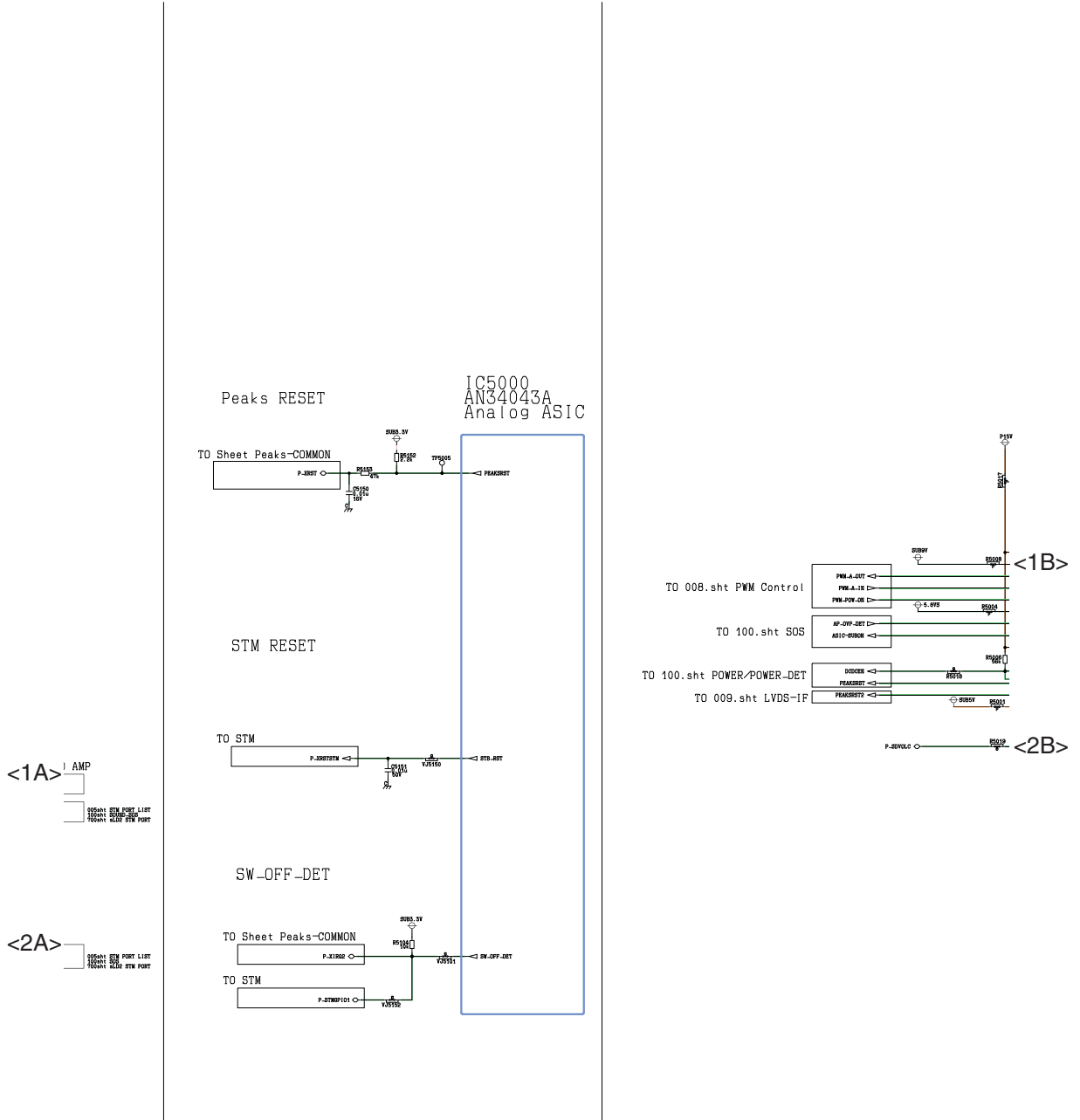


11.2.15. A Board - Sheet : 010 (1 / 1)

SHEET 010

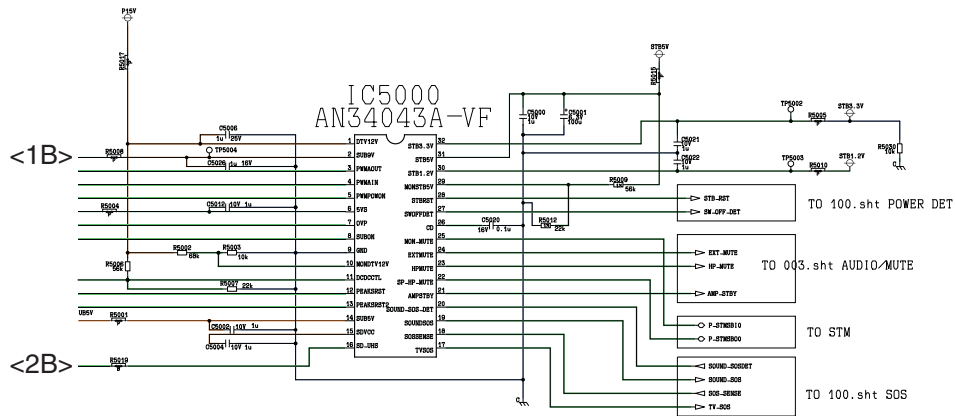


11.2.17. A Board - Sheet : 100 (2 / 3)

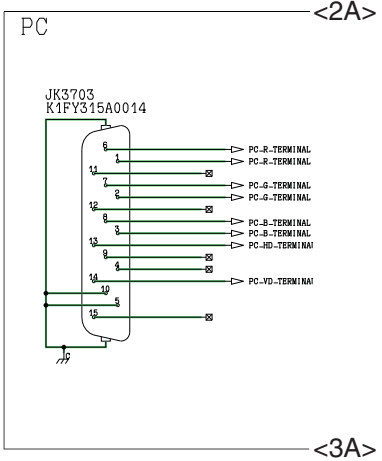
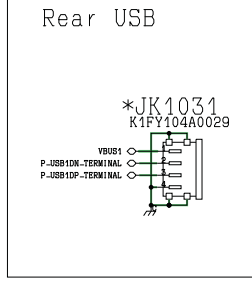
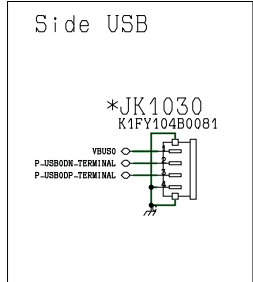
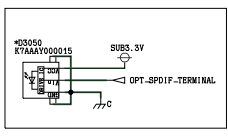
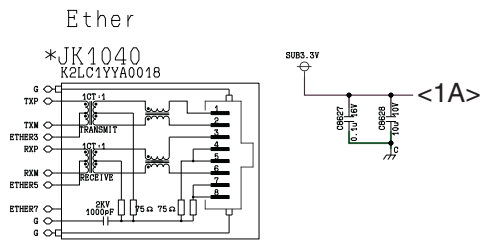
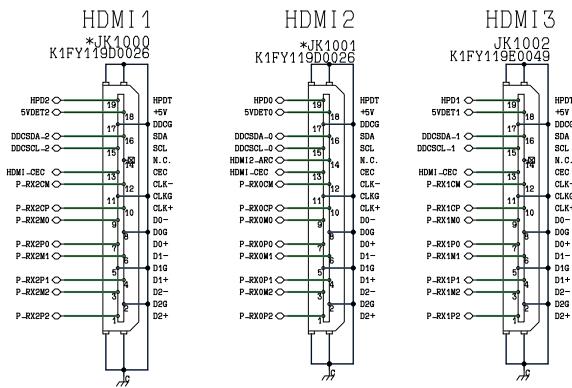


11.2.18. A Board - Sheet : 100 (3 / 3)

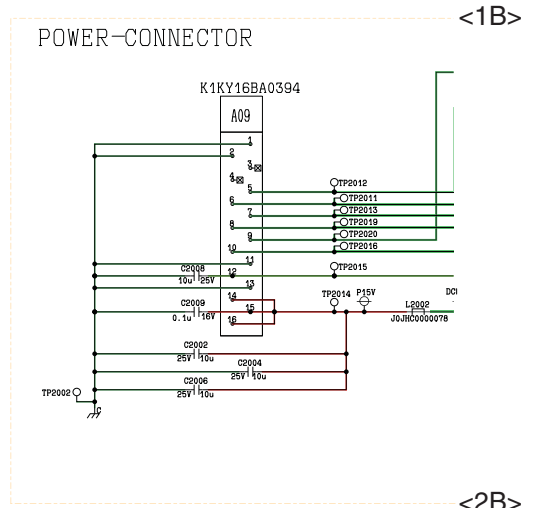
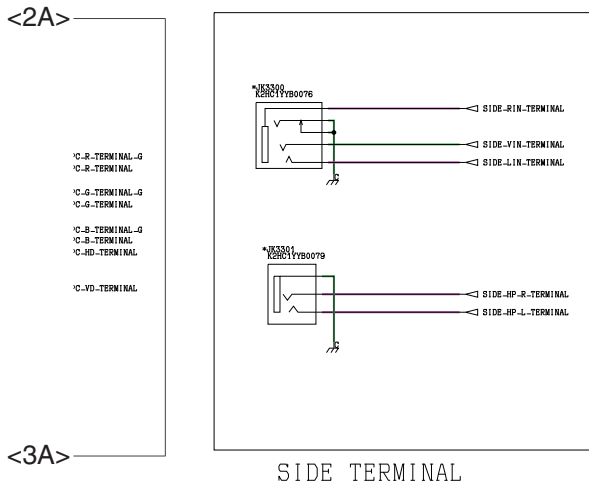
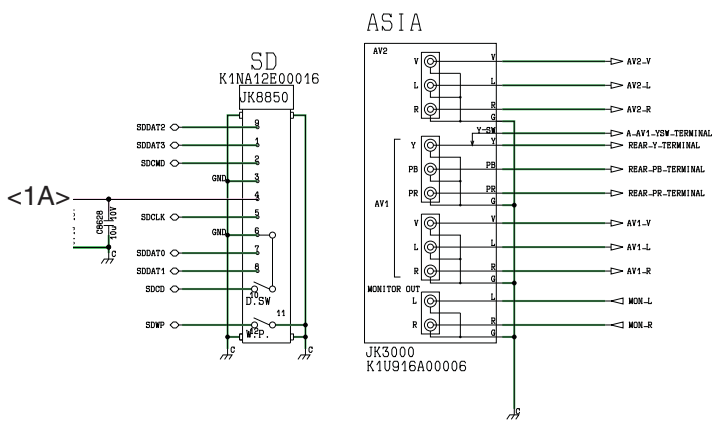
SHEET 100



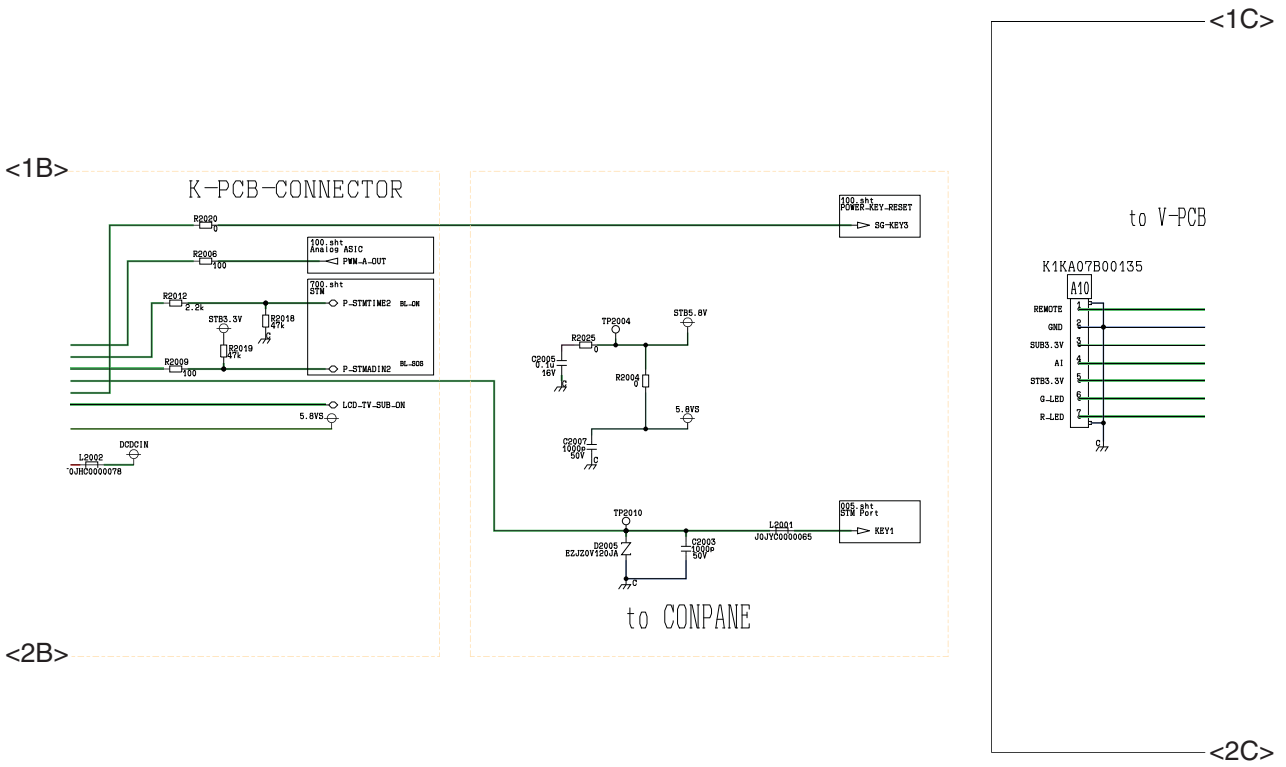
11.2.19. A Board - Sheet : 101 (1 / 4)



11.2.20. A Board - Sheet : 101 (2 / 4)

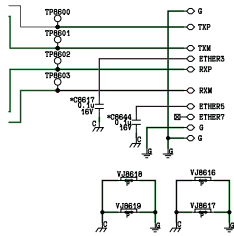


11.2.21. A Board - Sheet : 101 (3 / 4)



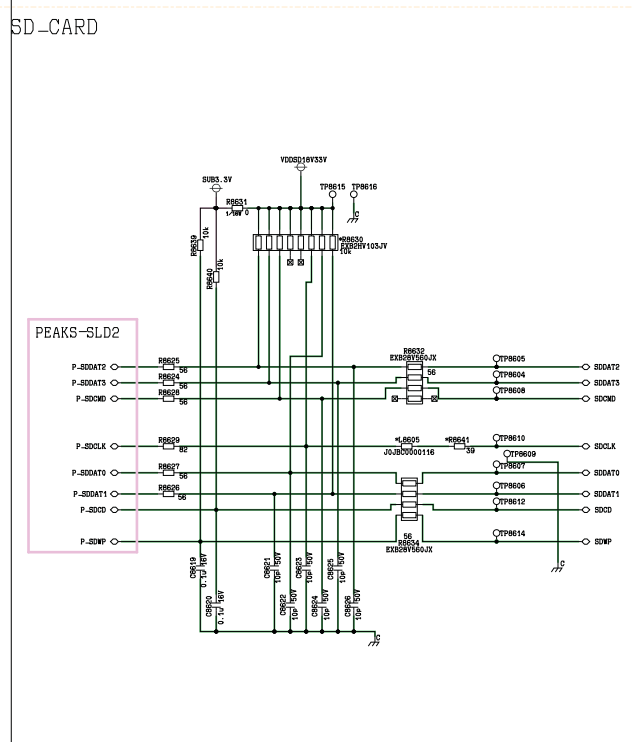
11.2.25. A Board - Sheet : 301 (2 / 3)

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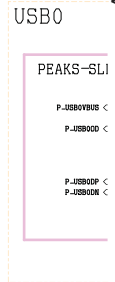


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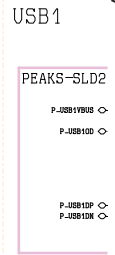
SD_CARD



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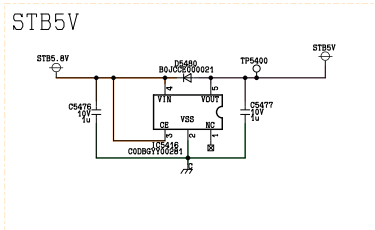
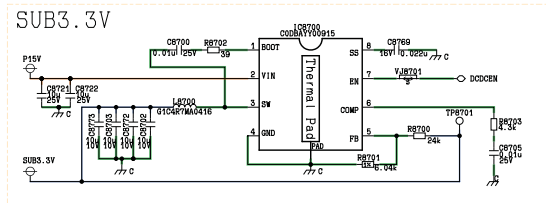
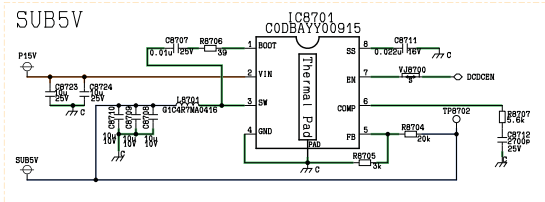
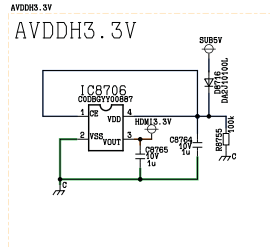
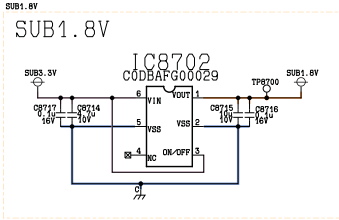


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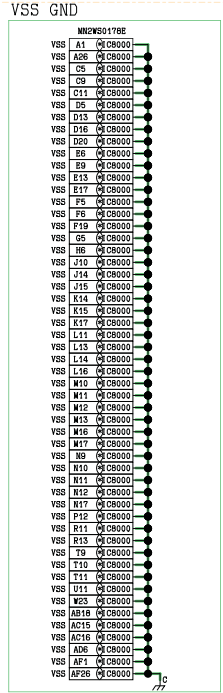
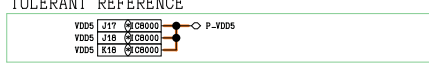
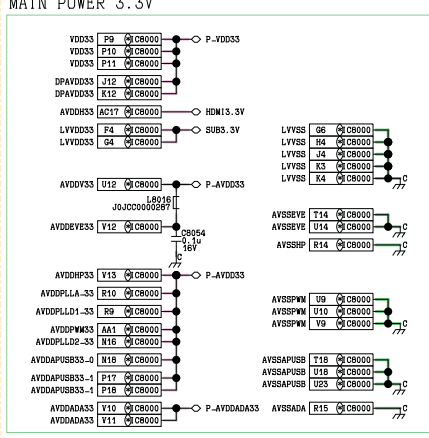
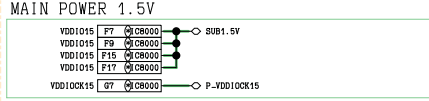
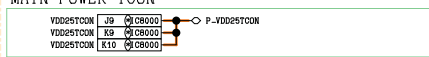
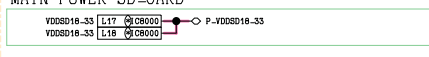
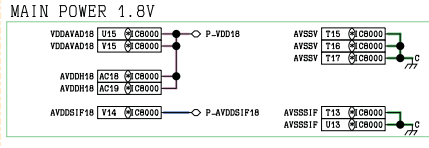
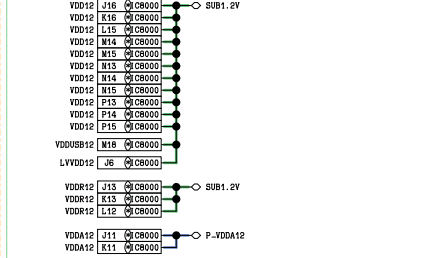
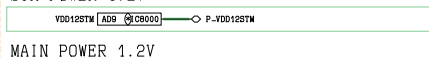
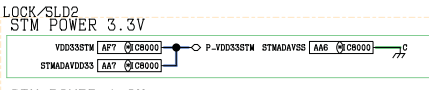
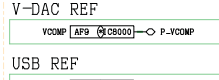
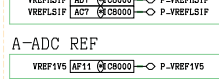
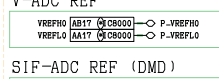
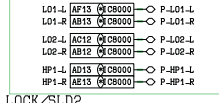
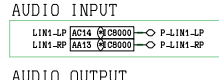
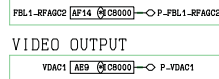
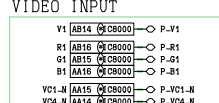
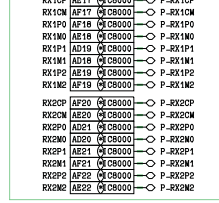
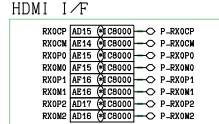
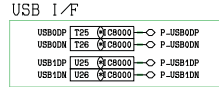
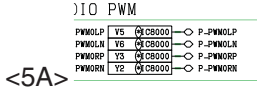
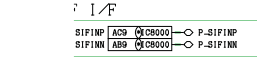
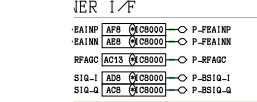
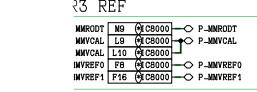
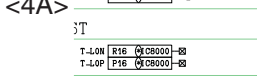
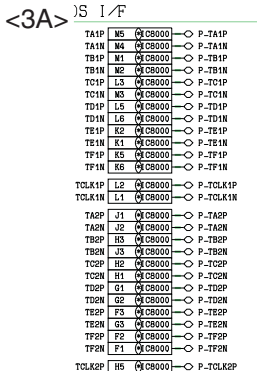
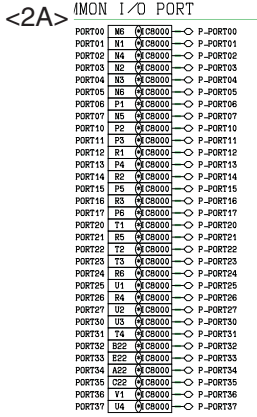
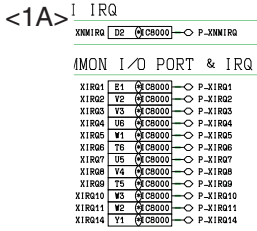
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11.2.27. A Board - Sheet : 302 (1 / 1)

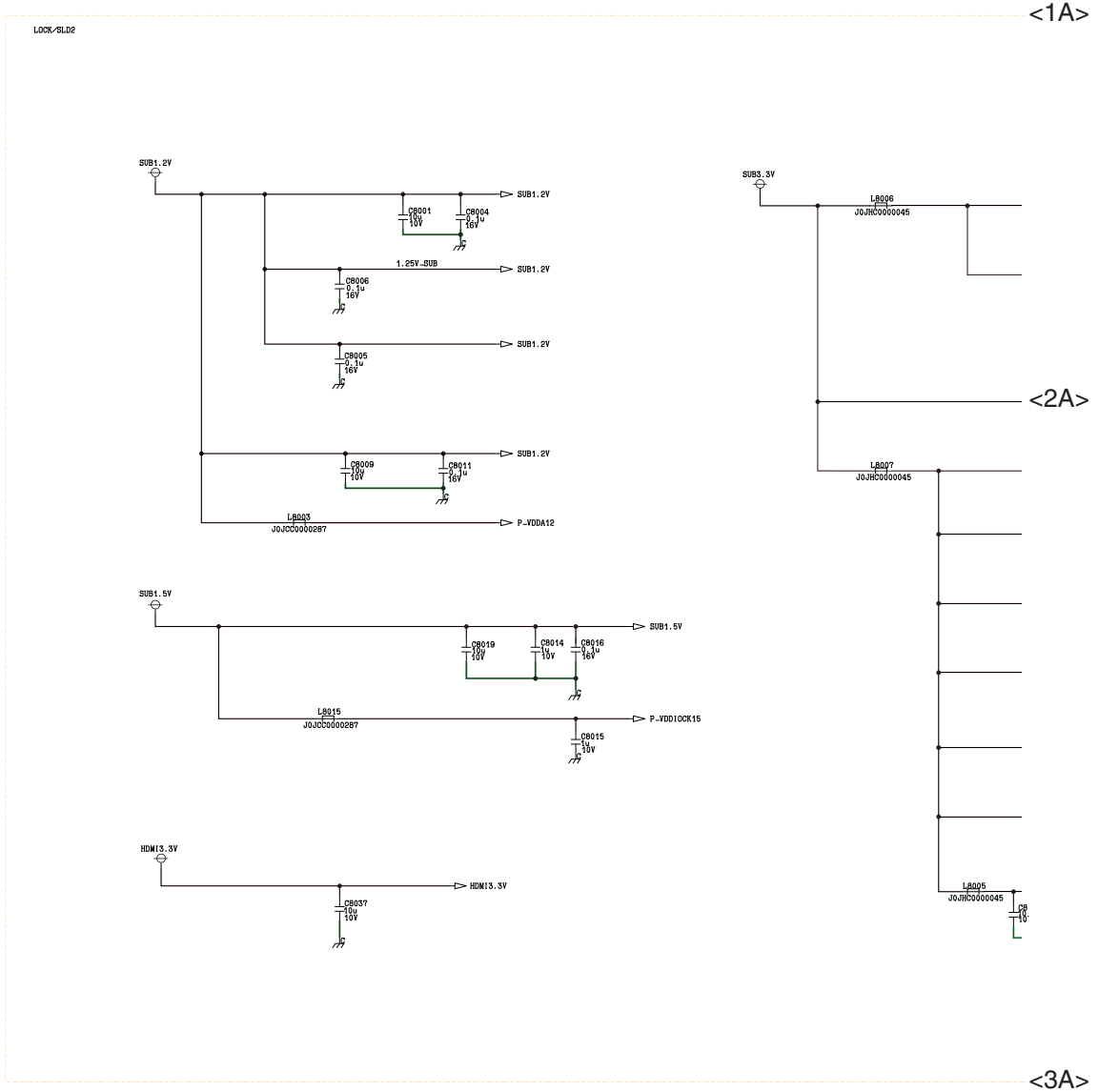


SHEET 302

11.2.29. A Board - Sheet : 700 (2 / 2)

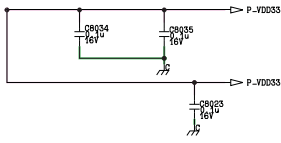


11.2.30. A Board - Sheet : 701 (1 / 2)

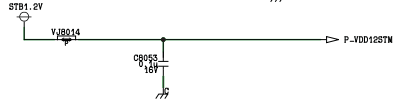
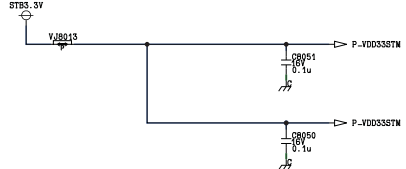
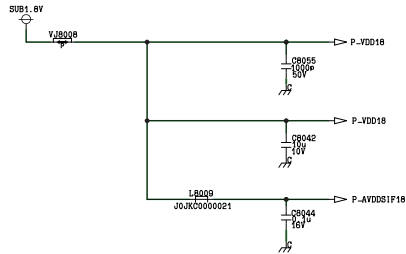
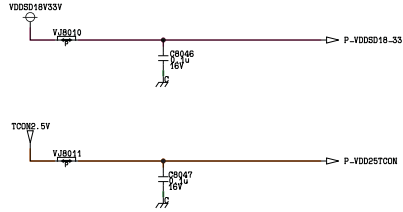
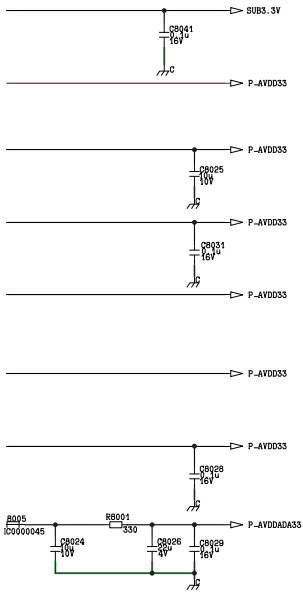


11.2.31. A Board - Sheet : 701 (2 / 2)

<1A>



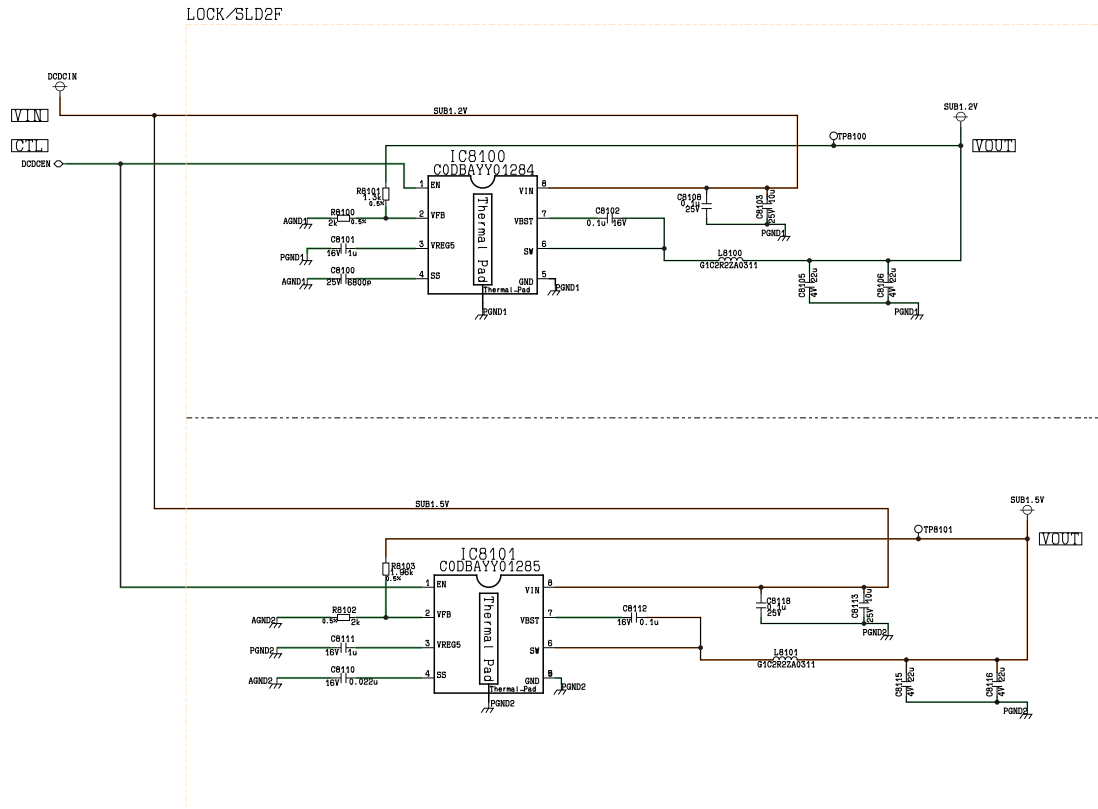
<2A>



<3A>

SHEET 701

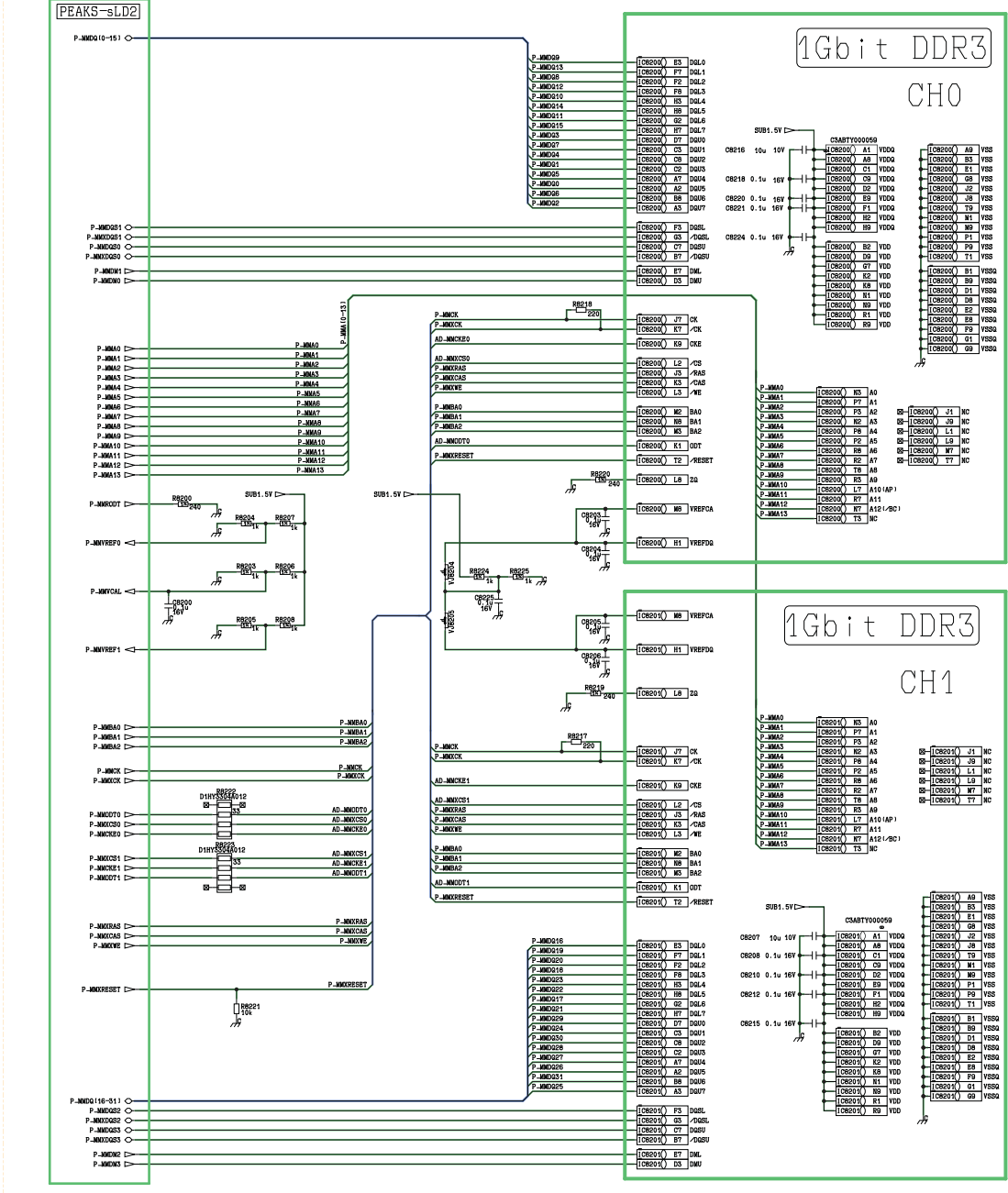
11.2.32. A Board - Sheet : 702 (1/ 1)



SHEET 702

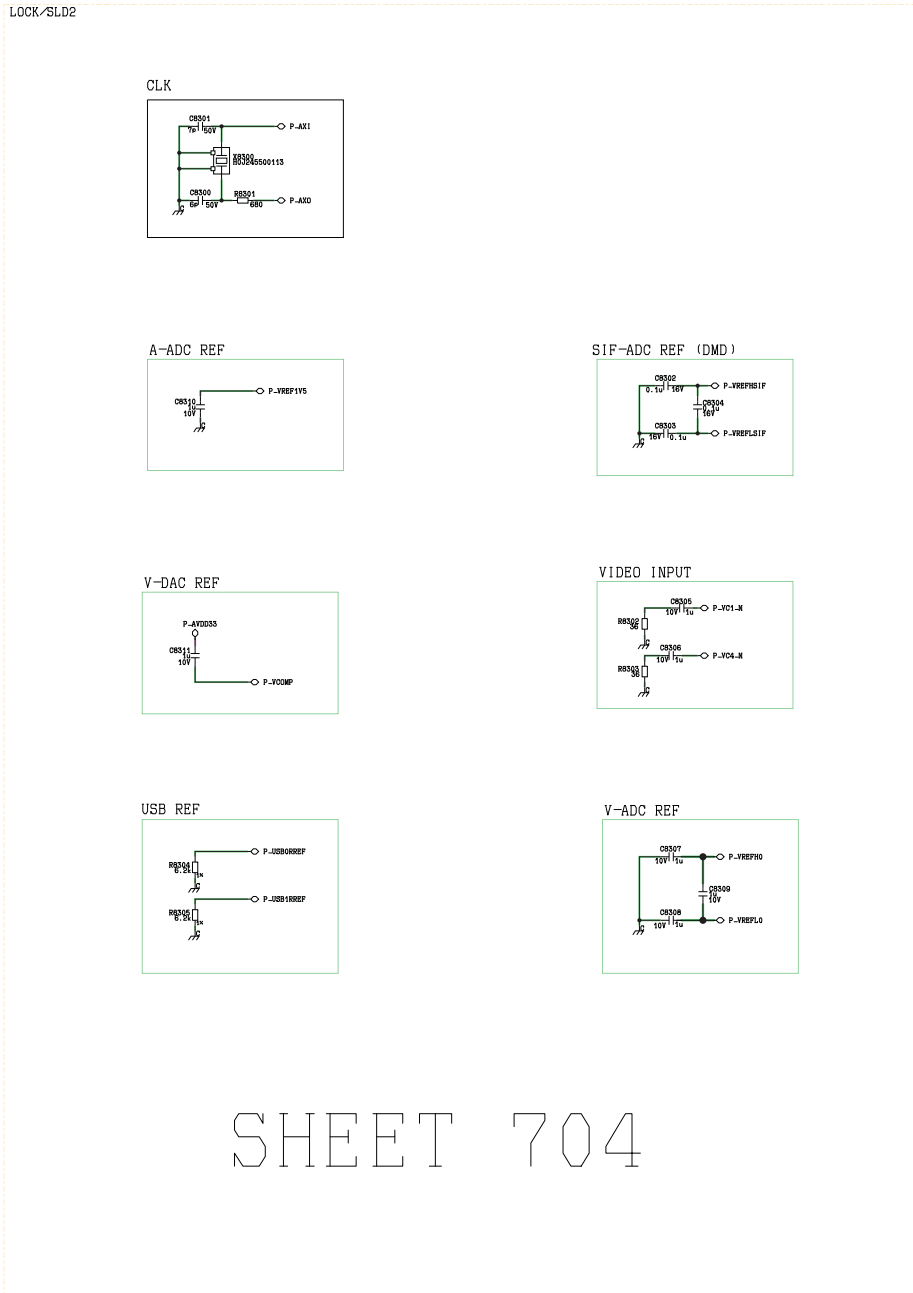
11.2.33. A Board - Sheet : 703 (1 / 1)

LOCK-SD2

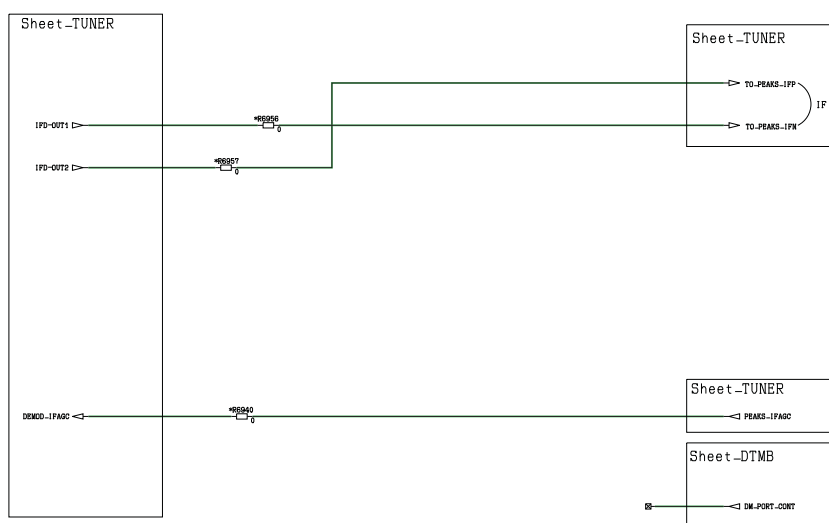


SHEET 703
LOCK-SD2

11.2.34. A Board - Sheet : 704 (1 / 1)



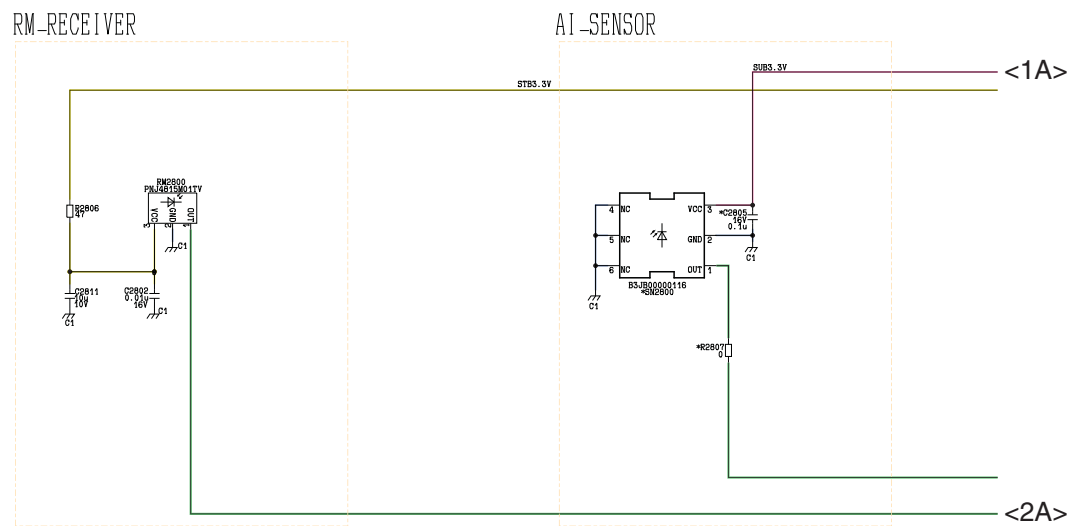
11.2.35. A Board - Sheet : 708 (1 / 1)



SHEET 708

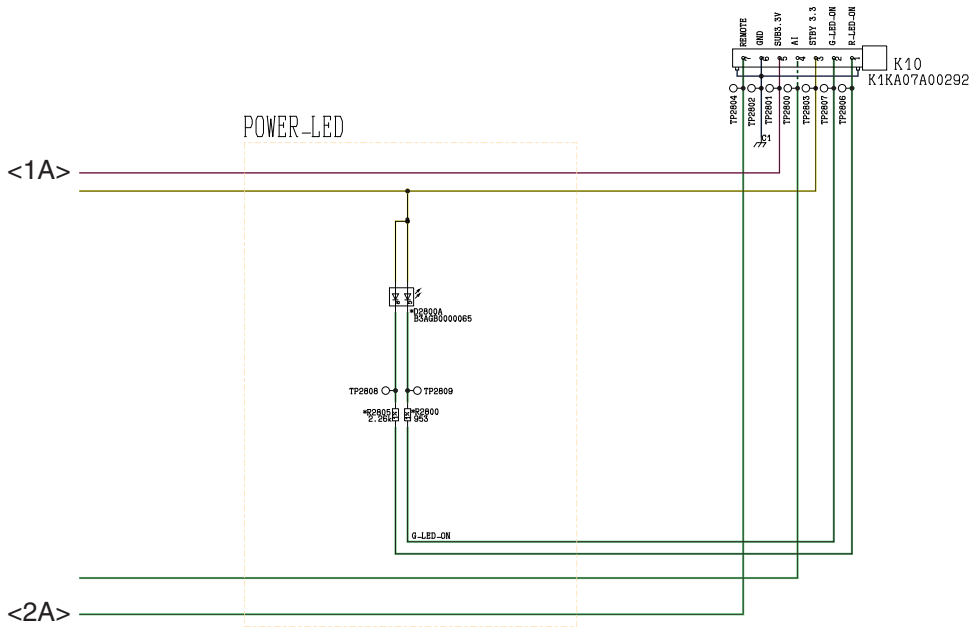
11.3. K Board

11.3.1. K Board (1 / 2)



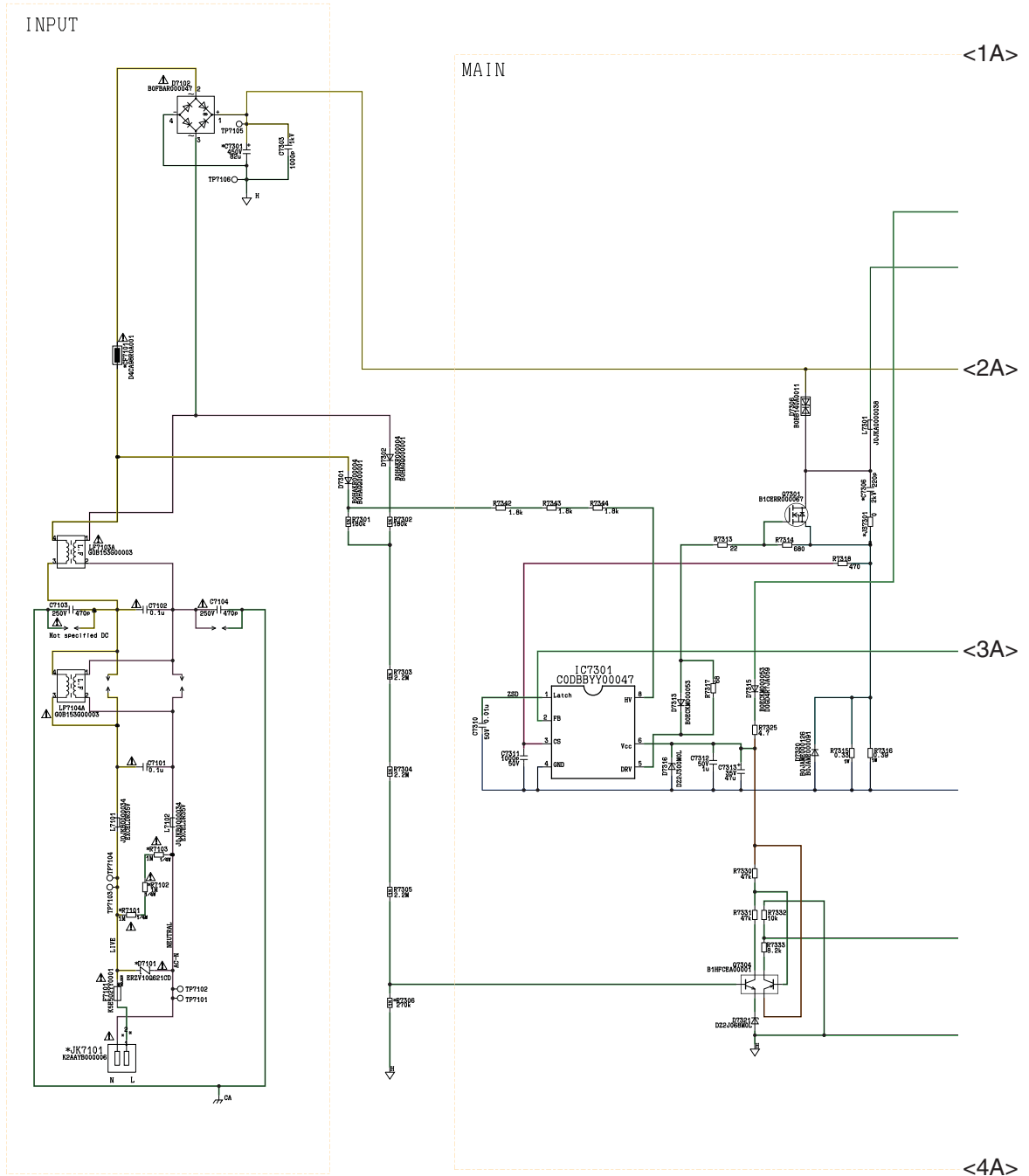
11.3.2. K Board (2 / 2)

K BOARD TNP A5604BC

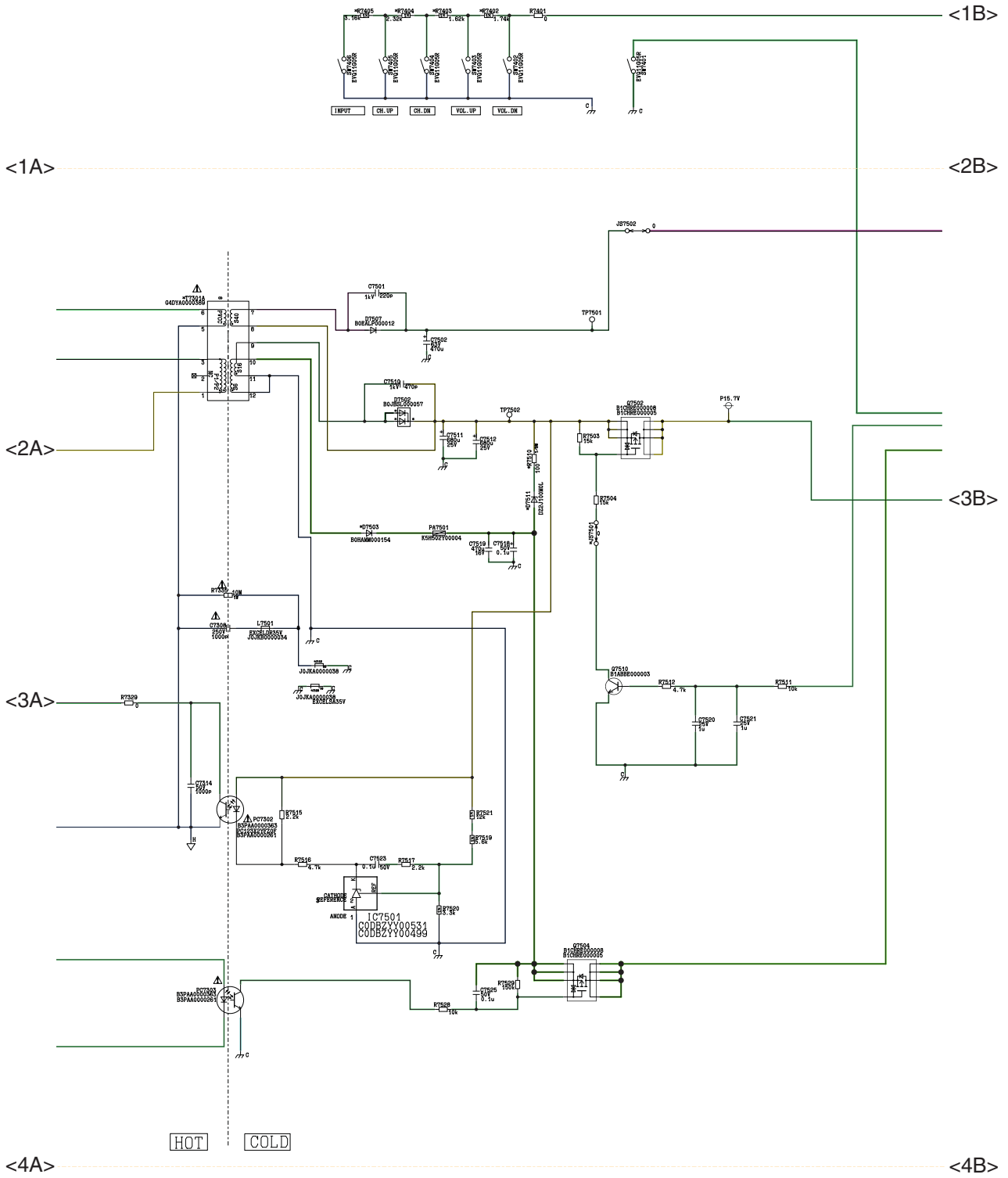


11.4. P Board

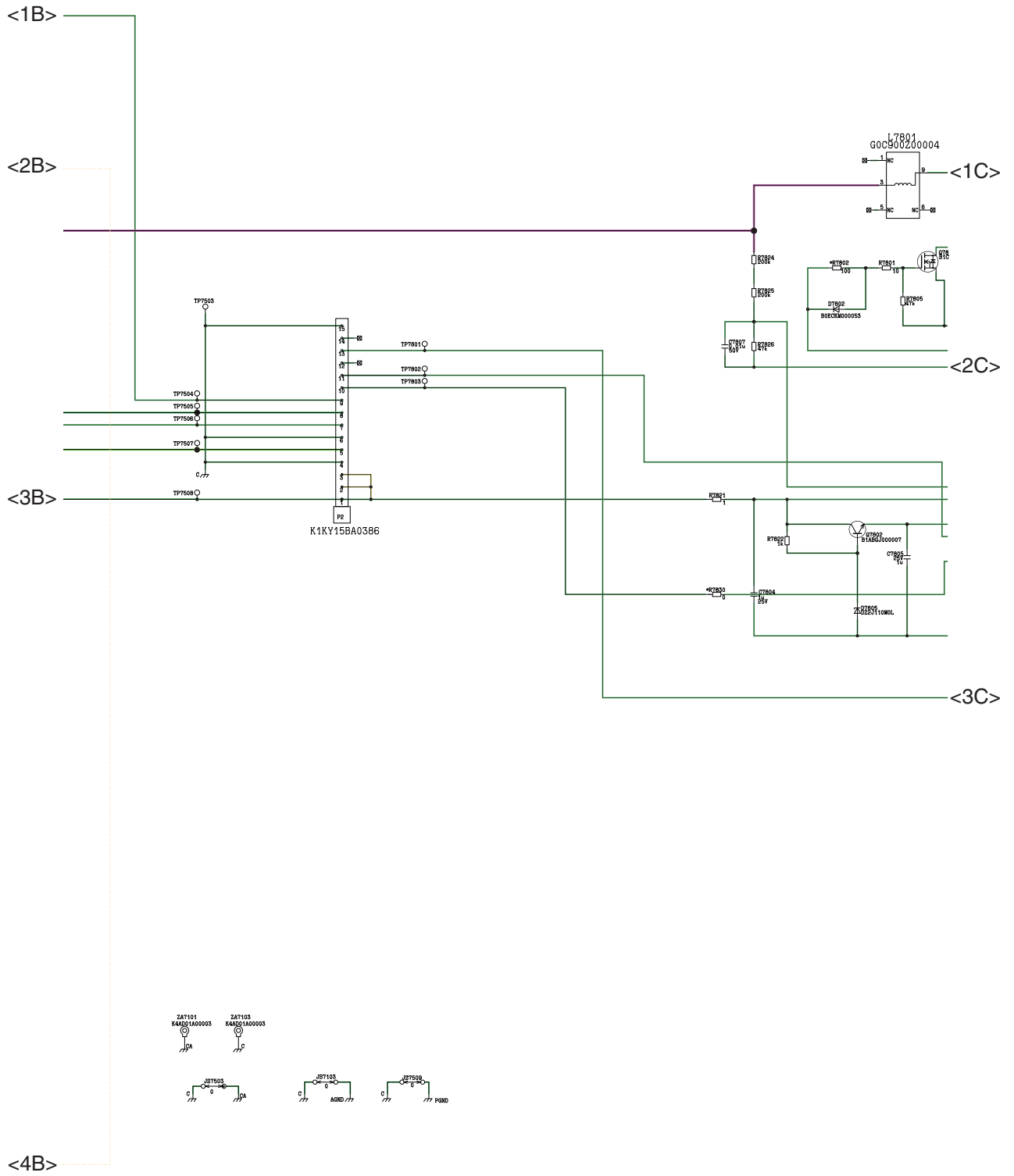
11.4.1. P Board (1 / 4)



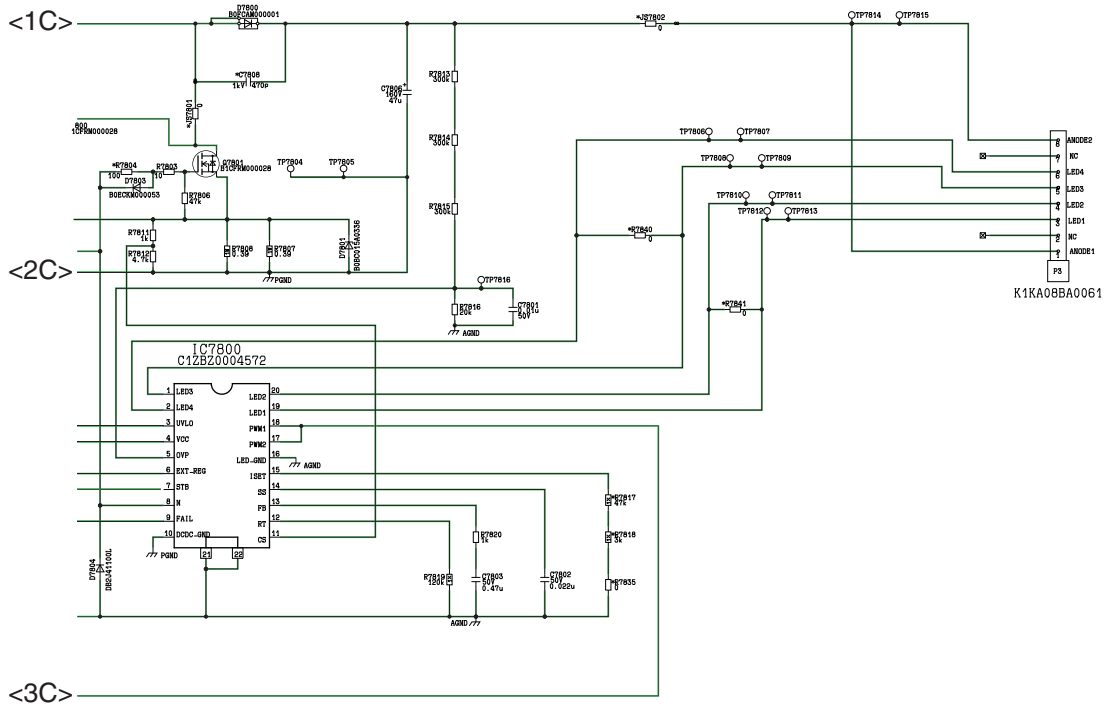
11.4.2. P Board (2 / 4)



11.4.3. P Board (3 / 4)



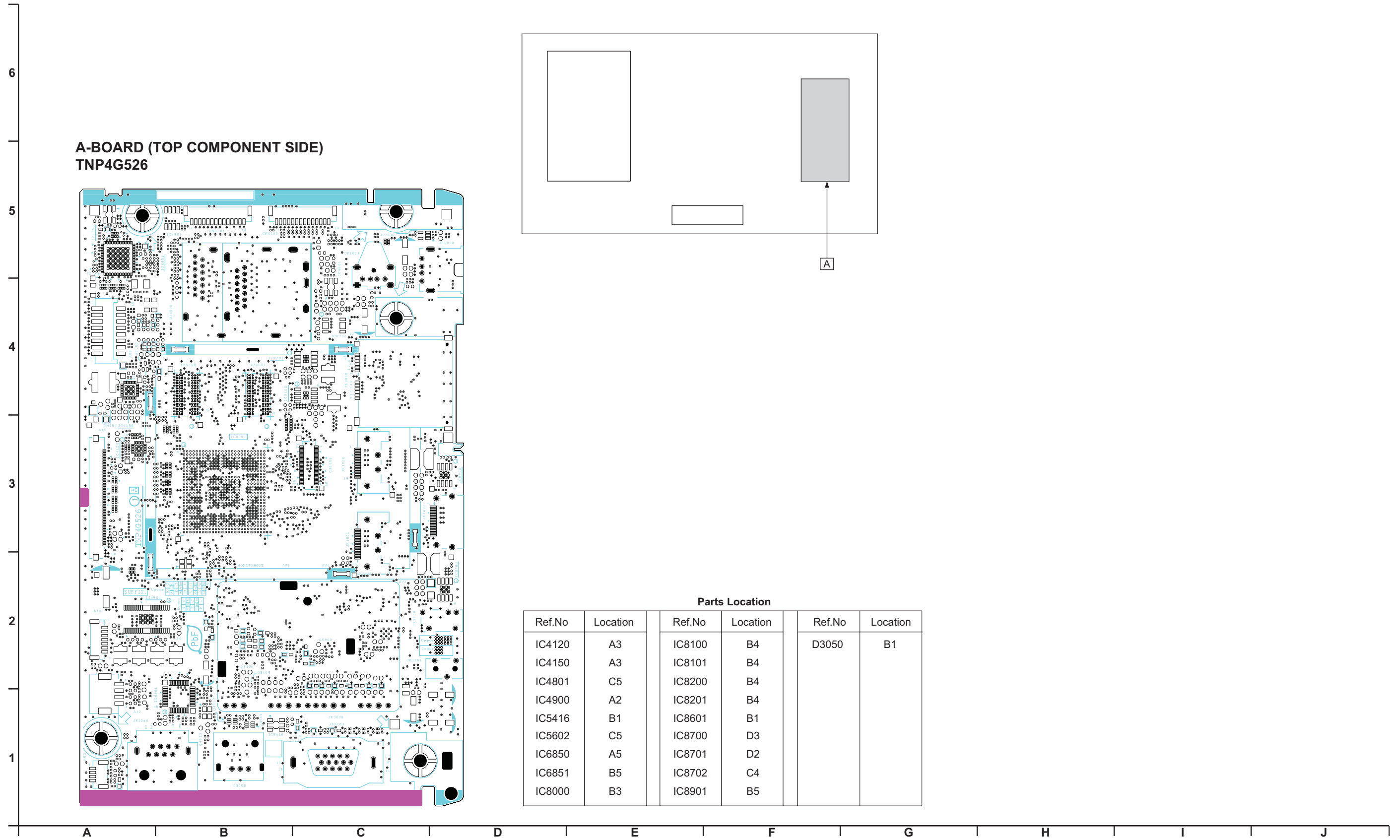
11.4.4. P Board (4 / 4)



P BOARD
TNPA5596DF

12 Printed Circuit Board

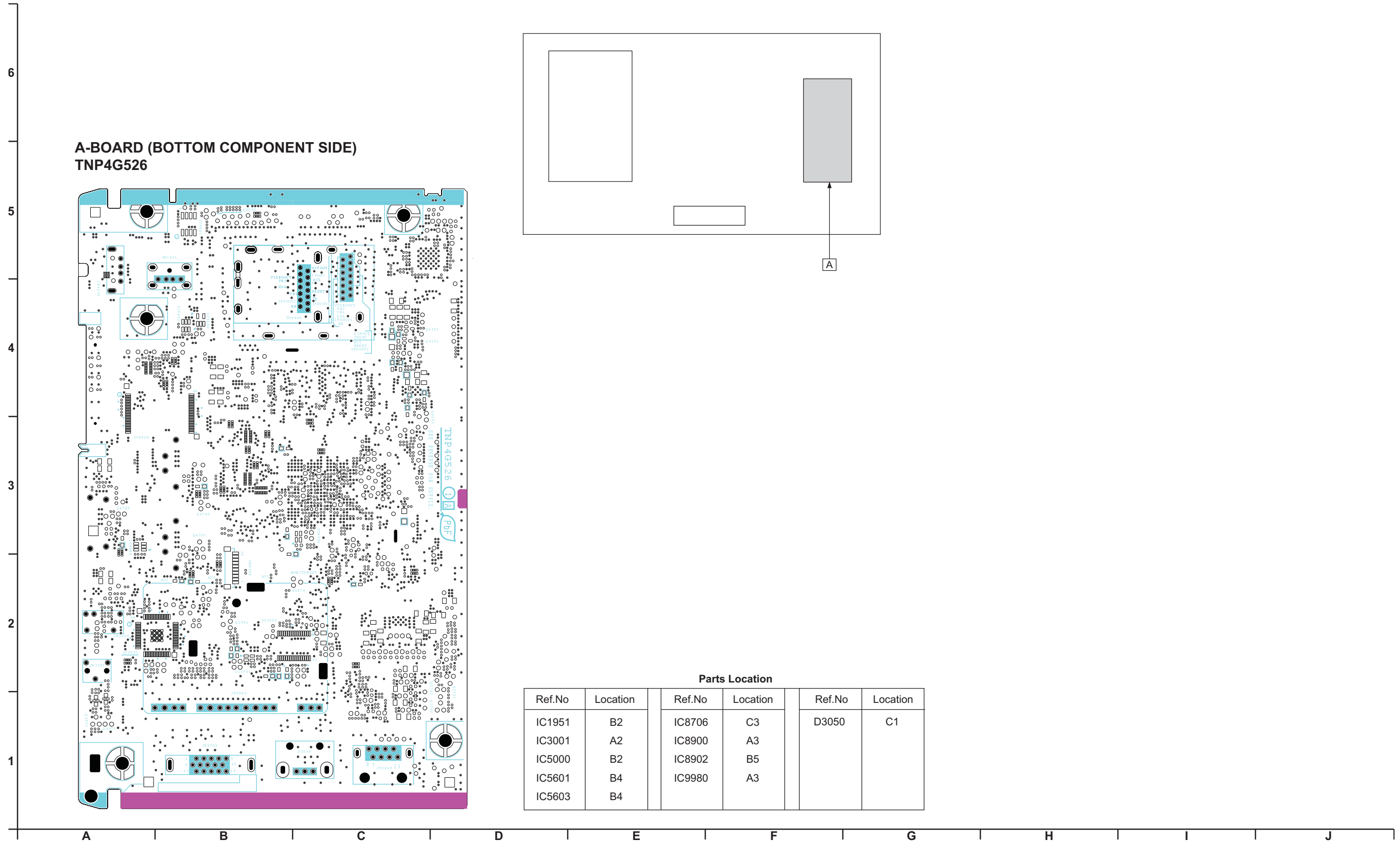
12.1. A-BOARD



Parts Location

Ref.No	Location	Ref.No	Location	Ref.No	Location
IC4120	A3	IC8100	B4	D3050	B1
IC4150	A3	IC8101	B4		
IC4801	C5	IC8200	B4		
IC4900	A2	IC8201	B4		
IC5416	B1	IC8601	B1		
IC5602	C5	IC8700	D3		
IC6850	A5	IC8701	D2		
IC6851	B5	IC8702	C4		
IC8000	B3	IC8901	B5		

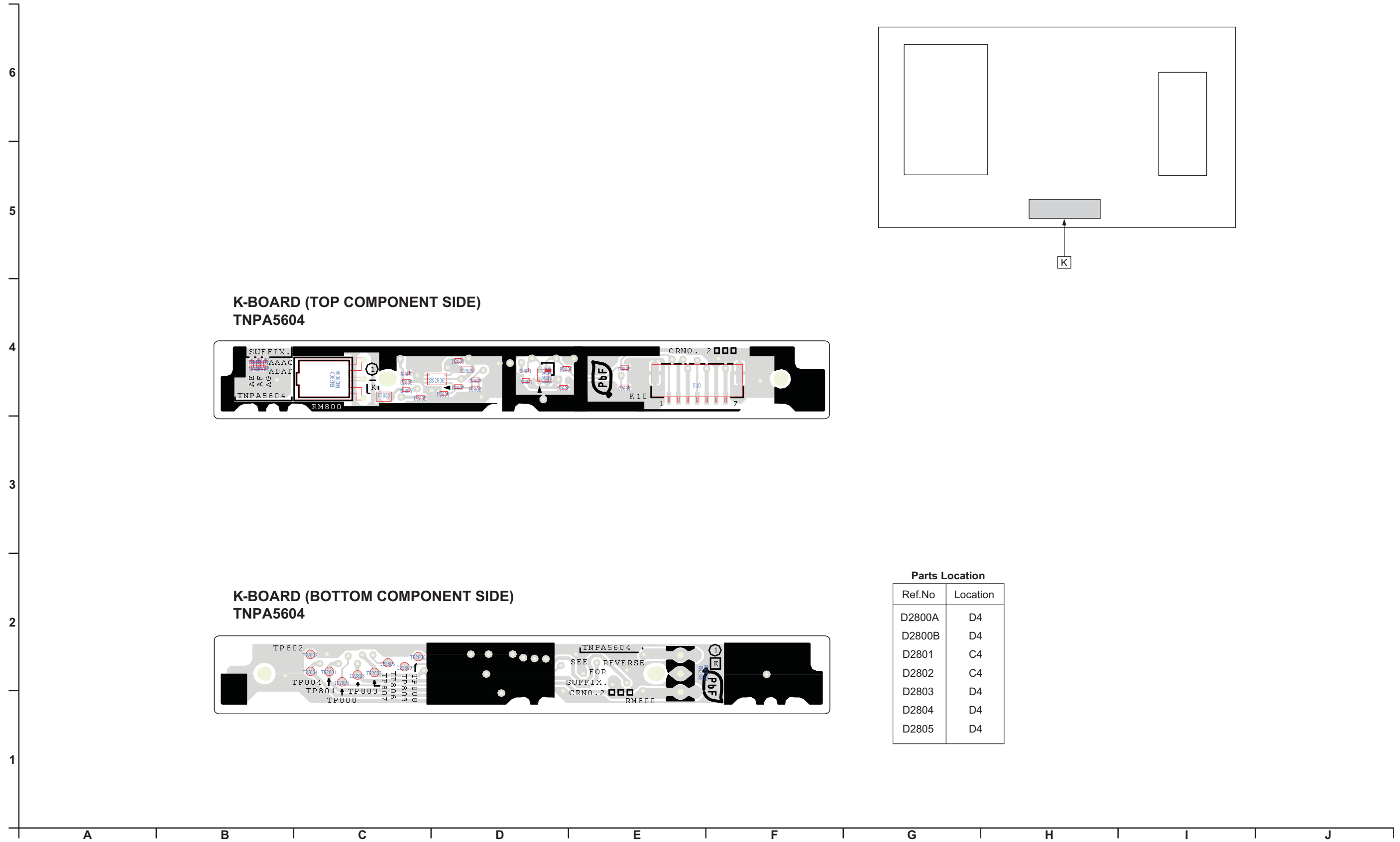
**A-BOARD (BOTTOM COMPONENT SIDE)
TNP4G526**



Parts Location

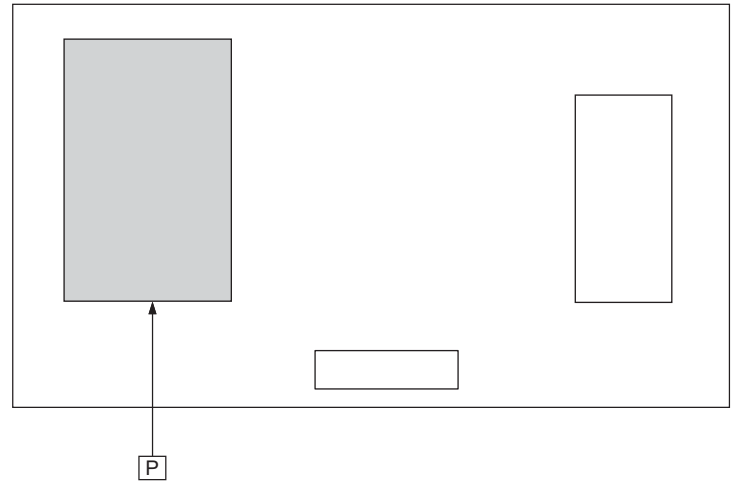
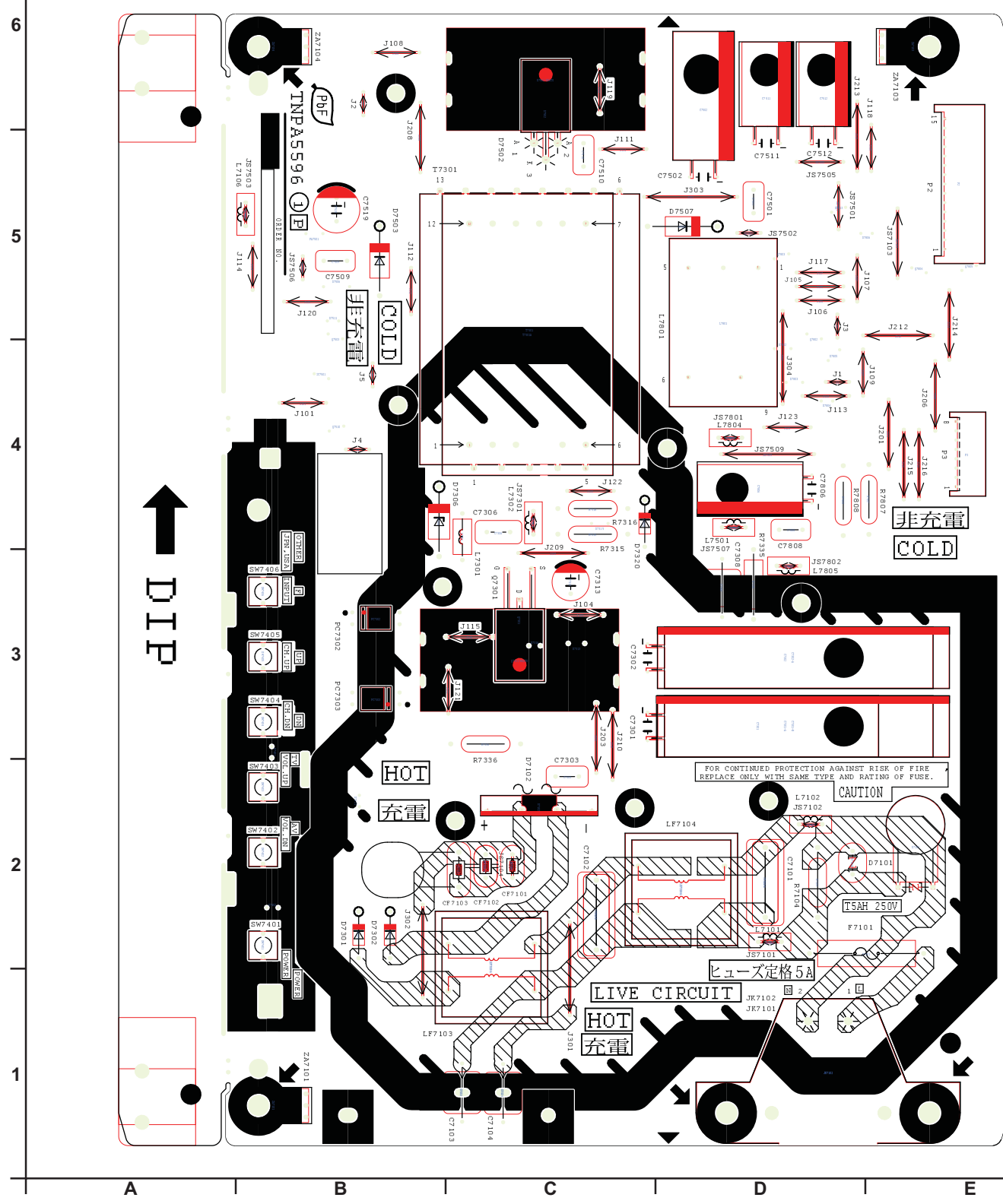
Ref.No	Location	Ref.No	Location	Ref.No	Location
IC1951	B2	IC8706	C3	D3050	C1
IC3001	A2	IC8900	A3		
IC5000	B2	IC8902	B5		
IC5601	B4	IC9980	A3		
IC5603	B4				

12.2. K-BOARD



12.3. P-BOARD

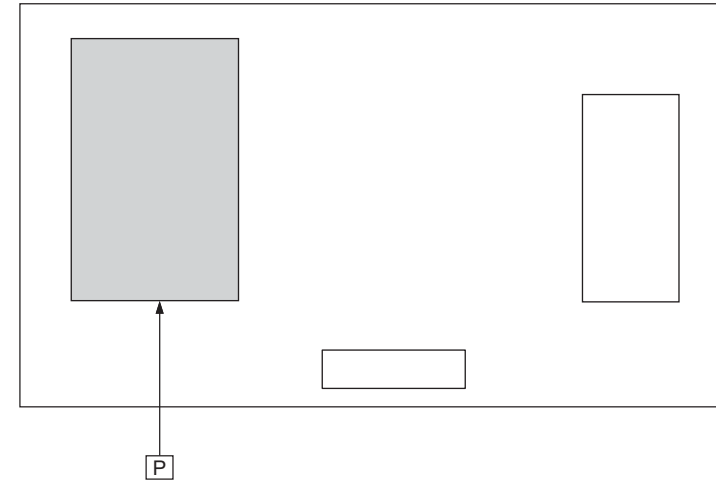
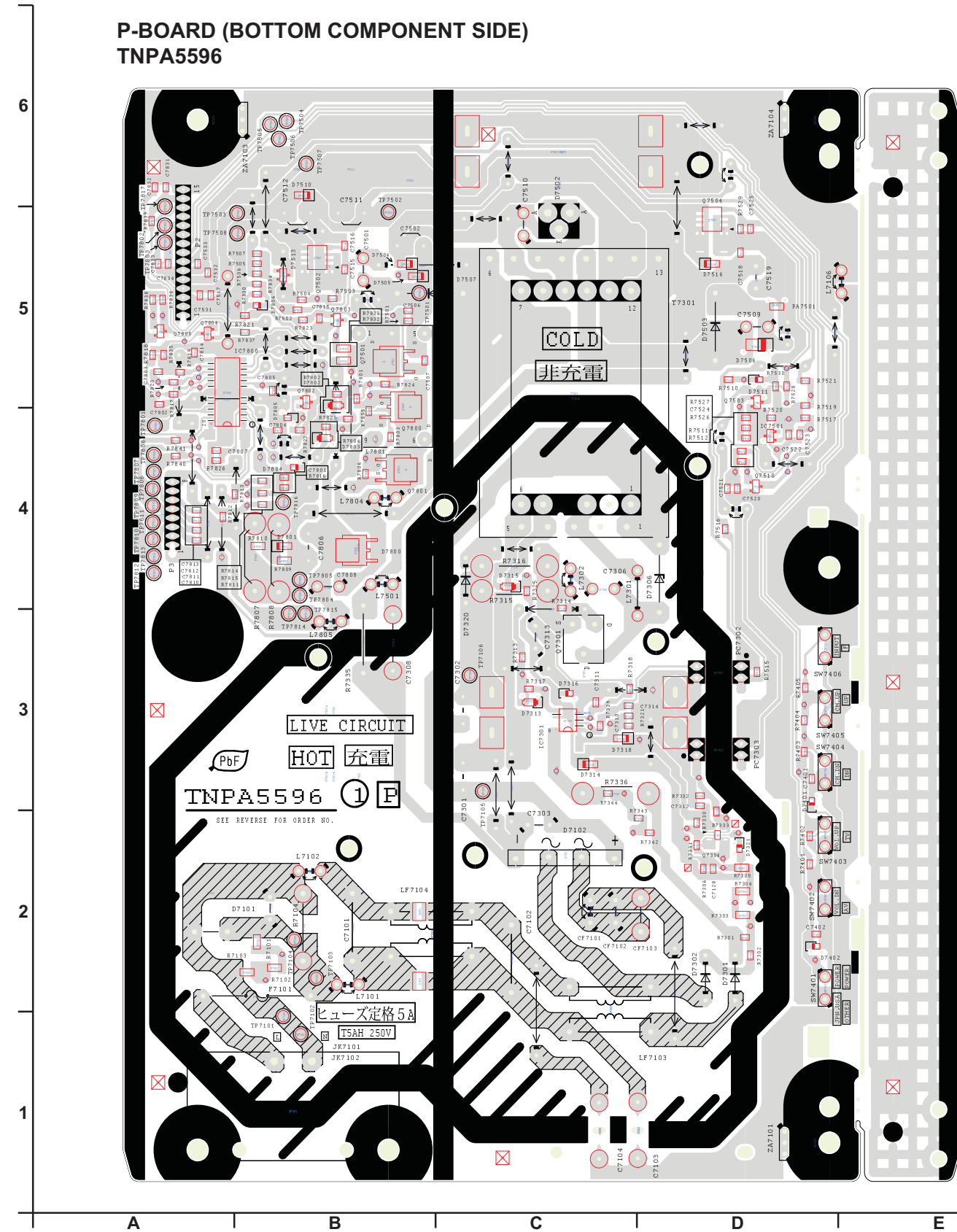
P-BOARD (TOP COMPONENT SIDE)
TNPA5596



Parts Location

Ref.No	Location
D7101	E2
D7102	C2
D7301	B2
D7302	B2
D7306	C4
D7320	C4
D7503	B5
D7507	D5

P-BOARD (BOTTOM COMPONENT SIDE)
TNPA5596



Parts Location

Ref.No	Location	Ref.No	Location	Ref.No	Location	Ref.No	Location
IC7301	C3	D7301	D2	D7401	D3	D7513	B5
IC7501	D4	D7302	D2	D7402	D2	D7516	D5
IC7800	B5	D7306	D4	D7502	C6	D7800	B4
		D7313	C3	D7503	D5	D7801	B4
		D7314	C3	D7504	B5	D7802	B5
		D7315	C4	D7505	B5	D7803	B4
		D7316	C3	D7506	D5	D7804	B4
		D7318	C3	D7507	C5	D7805	B4
		D7320	C3	D7510	B6	D7806	B5
		D7321	D2	D7511	D5		

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

2. Capacitor

Example:

Example:

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

ECKF1H103ZF C 0.01UF, Z, 50V
 Type Allowance

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

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		
C1000	F1G1E1030005	C 0.01UF , 25V		
C1951	F1H1H102A831	C 1000PF , 50V		
C2002	F1K1E106A134	C 10UF , 25V		
C2003	F1G1H1020008	C 1000PF , 50V		
C2004	F1K1E106A134	C 10UF , 25V		
C2005	F1G1C104A077	C 0.1UF , 16V		
C2006	F1K1E106A134	C 10UF , 25V		
C2007	F1G1H1020008	C 1000PF , 50V		
C2008	F1K1E106A134	C 10UF , 25V		
C2009	F1G1C104A077	C 0.1UF , 16V		
C2750	F1G1C104A077	C 0.1UF , 16V		
C2751	F1G1H1020008	C 1000PF , 50V		
C2752	F1G1H1020008	C 1000PF , 50V		
C2753	F1G1H1020008	C 1000PF , 50V		
C2754	F1G1H1020008	C 1000PF , 50V		
C2755	F1G1H1020008	C 1000PF , 50V		
C2775	F1G1H101A834	C 100PF , 50V		
C2802	F1G1C1030008	C 0.01UF , 16V		
C2805	F1H1C104A041	C 0.1UF , 16V		
C2811	F1J1A106A087	C 10UF , 10V		
C3008	F1J1A106A110	C 10UF , 10V		
C3024	F1G1C104A077	C 0.1UF , 16V		
C3036	F1G1C104A077	C 0.1UF , 16V		
C3045	F1G1C104A077	C 0.1UF , 16V		
C3057	F1J1A106A110	C 10UF , 10V		
C3058	F1G1A105A047	C 1UF , 10V		
C3059	F1G1A105A047	C 1UF , 10V		
C3077	F1J1A106A110	C 10UF , 10V		
C3080	F1G1C104A077	C 0.1UF , 16V		
C3093	F1J1A106A087	C 10UF , 10V		
C3095	F1J1A106A087	C 10UF , 10V		
C3097	F1J1A106A087	C 10UF , 10V		
C3098	F1J1A106A087	C 10UF , 10V		
C3099	F1G1H561A830	C 560PF , 50V		
C3100	F1G1H561A830	C 560PF , 50V		
C3105	F2H1A101A040	E 100UF , 10V		
C3107	F1H1A105A099	C 1UF , 10V		
C3108	F1G1H561A830	C 560PF , 50V		
C3109	F1G1H561A830	C 560PF , 50V		
C3110	F1H1A105A099	C 1UF , 10V		
C3111	F1J1A106A087	C 10UF , 10V		
C3112	F1G1H561A830	C 560PF , 50V		
C3115	F1G1H561A830	C 560PF , 50V		
C3116	F1H1A105A099	C 1UF , 10V		
C3117	F1H1A105A099	C 1UF , 10V		
C3118	F1G1E333A059	C 0.033UF , 25V		
C3119	F1G1E333A059	C 0.033UF , 25V		
C3146	F1G1C104A077	C 0.1UF , 16V		
C3153	F1G1H561A830	C 560PF , 50V		
C3154	F1G1H561A830	C 560PF , 50V		
C3158	F1G1C104A077	C 0.1UF , 16V		
C3159	F1G1A105A047	C 1UF , 10V		
C3160	F1G1A105A047	C 1UF , 10V		
C3161	F1G1A105A047	C 1UF , 10V		
C3162	F1J1A106A087	C 10UF , 10V		
C3163	F1J1A106A087	C 10UF , 10V		
C3164	F1J1A106A087	C 10UF , 10V		
C3165	F1J1A106A087	C 10UF , 10V		
C3166	F1J1A106A087	C 10UF , 10V		
C3167	F1G1H561A830	C 560PF , 50V		
C3168	F1G1H561A830	C 560PF , 50V		
C3169	F1H1A105A099	C 1UF , 10V		
C3170	F1H1A105A099	C 1UF , 10V		
C3171	F1J1A106A087	C 10UF , 10V		
C3172	F1J1A106A087	C 10UF , 10V		
C3173	F1J1A106A087	C 10UF , 10V		
C4120	F1H1H104B047	C 0.1UF , 50V		
C4121	F1H1H104B047	C 0.1UF , 50V		
C4122	F1G1C104A077	C 0.1UF , 16V		
C4123	F1G1C104A077	C 0.1UF , 16V		
C4124	F1G1C104A077	C 0.1UF , 16V		
C4125	F1G1C104A077	C 0.1UF , 16V		
C4126	F1G1C104A077	C 0.1UF , 16V		
C4127	F1G1C104A077	C 0.1UF , 16V		
C4128	F1J1A106A087	C 10UF , 10V		
C4129	F1G1C104A077	C 0.1UF , 16V		
C4130	F1G1C104A077	C 0.1UF , 16V		
C4131	F1G1C104A077	C 0.1UF , 16V		
C4132	F1G1C104A077	C 0.1UF , 16V		
C4133	F1G1C104A077	C 0.1UF , 16V		
C4134	F1H1C105A145	C 1UF , 16V		
C4150	F1J1E475A267	C 4.7UF , 25V		
C4151	F1G1C104A077	C 0.1UF , 16V		
C4152	F1J1E105A256	C 1UF , 25V		
C4153	F1H1H104B047	C 0.1UF , 50V		
C4154	F1H1H104B047	C 0.1UF , 50V		
C4155	F1H1H473B047	C 0.047UF , 50V		
C4156	F1H1H473B047	C 0.047UF , 50V		
C4157	F1H1H473B047	C 0.047UF , 50V		
C4158	F1H1H104B047	C 0.1UF , 50V		
C4159	F1H1H473B047	C 0.047UF , 50V		
C4160	F1H1H104B047	C 0.1UF , 50V		
C4161	F1J1E105A256	C 1UF , 25V		
C4162	F1H1H104B047	C 0.1UF , 50V		
C4163	F1K1E106A134	C 10UF , 25V		
C4164	F1K1E106A134	C 10UF , 25V		
C4165	F1K1E225A167	C 2.2UF , 25V		
C4166	F1K1E225A167	C 2.2UF , 25V		
C4167	F1K1E225A167	C 2.2UF , 25V		
C4168	F1K1E225A167	C 2.2UF , 25V		
C4169	F1H1H104B047	C 0.1UF , 50V		
C4170	F1G1A105A047	C 1UF , 10V		
C4174	F1G1H180A834	C 18PF , 50V		
C4175	F1J1E475A257	C 4.7UF , 25V		
C4176	F1J1E475A257	C 4.7UF , 25V		
C4177	F1J1E475A257	C 4.7UF , 25V		
C4178	F1J1E475A257	C 4.7UF , 25V		
C4179	F1G1E472A144	C 4700PF , 25V		
C4180	F1G1A105A047	C 1UF , 10V		
C4181	F1J1E475A267	C 4.7UF , 25V		
C4187	F1H1A225A051	C 2.2UF , 10V		
C4189	F1H1C105A145	C 1UF , 16V		
C4201	F1J1C475A225	C 4.7UF , 16V		
C4202	F1J1A106A087	C 10UF , 10V		
C4205	F1G1C1030008	C 0.01UF , 16V		
C4206	F1J1A106A087	C 10UF , 10V		
C4546	F1G1A105A047	C 1UF , 10V		
C4548	F1G1A105A047	C 1UF , 10V		
C4800	F1G1H220A834	C 22PF , 50V		
C4801	F1G1H1020008	C 1000PF , 50V		
C4802	F1J1A106A110	C 10UF , 10V		
C4803	F1G1H1020008	C 1000PF , 50V		
C4804	F1J1A106A110	C 10UF , 10V		
C4805	F1G1H1020008	C 1000PF , 50V		
C4806	F1J1A106A110	C 10UF , 10V		
C4809	F1G1C104A077	C 0.1UF , 16V		
C4810	F1G1C104A077	C 0.1UF , 16V		
C4811	F1G1C104A077	C 0.1UF , 16V		
C4812	F1G1A105A047	C 1UF , 10V		
C4813	F1G1A105A047	C 1UF , 10V		
C4814	F1G1H101A834	C 100PF , 50V		
C4815	F1G1H100A834	C 100PF , 50V		
C4816	F1G1H100A834	C 100PF , 50V		
C4817	F1G1H100A834	C 100PF , 50V		
C4907	F1K1E106A134	C 10UF , 25V		

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C4909	F1J1E105A256	C 1UF , 25V	
	C4910	F1K1E106A134	C 10UF , 25V	
	C4911	F1H1H104B047	C 0.1UF , 50V	
	C4912	F1J1E105A256	C 1UF , 25V	
	C4913	F1H1H104B047	C 0.1UF , 50V	
	C4914	F1J1E105A256	C 1UF , 25V	
	C4915	F1H1H104B047	C 0.1UF , 50V	
	C4916	F1K1E106A134	C 10UF , 25V	
	C4917	F1H1H104B047	C 0.1UF , 50V	
	C4918	F1J1E105A256	C 1UF , 25V	
	C4921	F1J1E474A272	C 0.47UF , 25V	
	C4922	F1J1E474A272	C 0.47UF , 25V	
	C4924	F1J1E474A272	C 0.47UF , 25V	
	C4925	F1J1E474A272	C 0.47UF , 25V	
	C4926	F1H1H223B047	C 0.022UF , 50V	
	C4927	F1H1H223B047	C 0.022UF , 50V	
	C4928	F1H1H223B047	C 0.022UF , 50V	
	C4929	F1H1H223B047	C 0.022UF , 50V	
	C4930	F1H1H223B047	C 0.022UF , 50V	
	C4931	F1H1H223B047	C 0.022UF , 50V	
	C4932	F1H1H223B047	C 0.022UF , 50V	
	C4933	F1H1H223B047	C 0.022UF , 50V	
	C4934	F1G1H1020008	C 1000PF , 50V	
	C4935	F1G1H1020008	C 1000PF , 50V	
	C4936	F1G1H1020008	C 1000PF , 50V	
	C4937	F1G1H1020008	C 1000PF , 50V	
	C4970	F1J1A106A087	C 10UF , 10V	
	C4971	F1J1A106A087	C 10UF , 10V	
	C4972	F2H1A101A040	E 100UF , 10V	
	C4973	F2H1A101A040	E 100UF , 10V	
	C4976	F1K1E106A134	C 10UF , 25V	
	C4977	F1K1E106A134	C 10UF , 25V	
	C5000	F1H1A105A099	C 1UF , 50V	
	C5001	F2H0J1010009	C 100UF , 6.3V	
	C5002	F1H1A105A099	C 1UF , 50V	
	C5004	F1H1A105A099	C 1UF , 50V	
	C5006	F1J1E105A256	C 1UF , 25V	
	C5012	F1H1A105A099	C 1UF , 50V	
	C5020	F1G1C104A077	C 0.1UF , 16V	
	C5021	F1G1A105A047	C 1UF , 10V	
	C5022	F1G1A105A047	C 1UF , 10V	
	C5026	F1H1C105A145	C 1UF , 16V	
	C5150	F1G1C1030008	C 0.01UF , 16V	
	C5151	F1H1H103B047	C 0.01UF , 50V	
	C5171	F1G1C1030008	C 0.01UF , 16V	
	C5476	F1H1A105A099	C 1UF , 50V	
	C5477	F1H1A105A099	C 1UF , 50V	
	C5613	EEEB0J221UF	C 220UF , 6.3V	
	C5616	F1G1C104A077	C 0.1UF , 16V	
	C5618	EEEB0J221UF	C 220UF , 6.3V	
	C5621	F1G1C104A077	C 0.1UF , 16V	
	C5622	F1J1A106A087	C 10UF , 10V	
	C5623	F1G1C104A077	C 0.1UF , 16V	
	C5624	F1J1A106A087	C 10UF , 10V	
	C5625	F1G1C104A077	C 0.1UF , 16V	
⚠	C7101	F0CAF104A105	C 0.1UF , 240V	
⚠	C7102	F0CAF104A105	C 0.1UF , 240V	
⚠	C7103	F1A2E471A003	C 470PF , 250V	
⚠	C7104	F1A2E471A003	C 470PF , 250V	
	C7301	F2A2W8200015	C 82UF , 450V	
	C7303	F1A3A102A060	C 1000PF , 1kV	
	C7306	F1B3D221A099	C 220PF , 2kV	
⚠	C7308	F1A2E102A004	C 1000PF , 250V	
	C7310	F1J1H103A900	C 0.01UF , 50V	
	C7311	F1J1H102A909	C 1000PF , 50V	
	C7312	F1J1H105A919	C 1UF , 50V	
	C7313	F2A1V470B660	C 47UF , 35V	
	C7314	F1J1H102A909	C 1000PF , 50V	
	C7501	F1A3A221A060	C 220PF , 1kV	
	C7502	F2A1J4710038	C 470UF , 63V	
	C7510	F1A3A471A060	C 470PF , 1kV	
	C7511	F2A1E6810033	C 680UF , 25V	
	C7512	F2A1E6810033	C 680UF , 25V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C7518	F1J1H104A902	C 0.1UF , 50V	
	C7519	F2A1C4710114	C 470UF , 16V	
	C7520	F1J1E105A287	C 1UF , 25V	
	C7521	F1J1E105A287	C 1UF , 25V	
	C7523	F1J1H104A902	C 0.1UF , 50V	
	C7525	F1J1H104A902	C 0.1UF , 50V	
	C7801	F1J1H103A702	C 0.01UF , 50V	
	C7802	F1J1H223A900	0.022UF , 50V	
	C7803	F1J1H474A757	C 0.47UF , 50V	
	C7804	F1J1E105A287	C 1UF , 25V	
	C7805	F1J1E105A287	C 1UF , 25V	
	C7806	F2A2C470A222	C 47UF , 160V	
	C7807	F1J1H103A900	C 0.01UF , 50V	
	C7808	F1A3A471A060	C 470PF , 1kV	
	C8001	F1J1A106A087	C 10UF , 10V	
	C8004	F1G1C104A077	C 0.1UF , 16V	
	C8005	F1G1C104A077	C 0.1UF , 16V	
	C8006	F1G1C104A077	C 0.1UF , 16V	
	C8009	F1J1A106A087	C 10UF , 10V	
	C8011	F1G1C104A077	C 0.1UF , 16V	
	C8014	F1G1A105A047	C 0.1UF , 16V	
	C8015	F1G1A105A047	C 0.1UF , 16V	
	C8016	F1G1C104A077	C 0.1UF , 16V	
	C8019	F1J1A106A087	C 10UF , 10V	
	C8023	F1G1C104A077	C 0.1UF , 16V	
	C8024	F1J1A106A087	C 10UF , 10V	
	C8025	F1J1A106A087	C 10UF , 10V	
	C8026	F1J0G2260001	C 22UF , 4V	
	C8028	F1G1C104A077	C 0.1UF , 16V	
	C8029	F1G1C104A077	C 0.1UF , 16V	
	C8031	F1G1C104A077	C 0.1UF , 16V	
	C8034	F1G1C104A077	C 0.1UF , 16V	
	C8035	F1G1C104A077	C 0.1UF , 16V	
	C8037	F1J1A106A087	C 10UF , 10V	
	C8041	F1G1C104A077	C 0.1UF , 16V	
	C8042	F1J1A106A087	C 10UF , 10V	
	C8044	F1G1C104A077	C 0.1UF , 16V	
	C8046	F1G1C104A077	C 0.1UF , 16V	
	C8047	F1G1C104A077	C 0.1UF , 16V	
	C8050	F1G1C104A077	C 0.1UF , 16V	
	C8051	F1G1C104A077	C 0.1UF , 16V	
	C8053	F1G1C104A077	C 0.1UF , 16V	
	C8054	F1G1C104A077	C 0.1UF , 16V	
	C8055	F1G1H1020008	C 1000PF , 50V	
	C8100	F1G1E682A059	C 6800PF , 25V	
	C8101	F1H1C105A145	C 1UF , 16V	
	C8102	F1G1C104A077	C 0.1UF , 16V	
	C8103	F1K1E106A134	C 10UF , 25V	
	C8105	F1J0G2260001	C 22UF , 4V	
	C8106	F1J0G2260001	C 22UF , 4V	
	C8108	F1H1E104A029	C 0.1UF , 25V	
	C8110	F1G1C223A146	C 0.022UF , 16V	
	C8111	F1H1C105A145	C 1UF , 16V	
	C8112	F1G1C104A077	C 0.1UF , 16V	
	C8113	F1K1E106A134	C 10UF , 25V	
	C8115	F1J0G2260001	C 22UF , 4V	
	C8116	F1J0G2260001	C 22UF , 4V	
	C8118	F1H1E104A029	C 0.1UF , 25V	
	C8200	F1G1C104A077	C 0.1UF , 16V	
	C8203	F1G1C104A077	C 0.1UF , 16V	
	C8204	F1G1C104A077	C 0.1UF , 16V	
	C8205	F1G1C104A077	C 0.1UF , 16V	
	C8206	F1G1C104A077	C 0.1UF , 16V	
	C8207	F1J1A106A087	C 10UF , 10V	
	C8208	F1G1C104A077	C 0.1UF , 16V	
	C8210	F1G1C104A077	C 0.1UF , 16V	
	C8212	F1G1C104A077	C 0.1UF , 16V	
	C8215	F1G1C104A077	C 0.1UF , 16V	
	C8216	F1J1A106A087	C 10UF , 10V	
	C8218	F1G1C104A077	C 0.1UF , 16V	
	C8220	F1G1C104A077	C 0.1UF , 16V	
	C8221	F1G1C104A077	C 0.1UF , 16V	
	C8224	F1G1C104A077	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8225	F1G1C104A077	C 0.1UF , 16V	
	C8300	F1G1H6R00009	C 6PF , 50V	
	C8301	F1G1H7R00009	C 7PF , 50V	
	C8302	F1G1C104A077	C 0.1UF , 16V	
	C8303	F1G1C104A077	C 0.1UF , 16V	
	C8304	F1G1C104A077	C 0.1UF , 16V	
	C8305	F1G1A105A047	C 1UF , 10V	
	C8306	F1G1A105A047	C 1UF , 10V	
	C8307	F1G1A105A047	C 1UF , 10V	
	C8308	F1G1A105A047	C 1UF , 10V	
	C8309	F1G1A105A047	C 1UF , 10V	
	C8310	F1G1A105A047	C 1UF , 10V	
	C8311	F1G1A105A047	C 1UF , 10V	
	C8602	F1G1H390A834	C 39PF , 50V	
	C8603	F1J1A106A087	C 10UF , 10V	
	C8604	F1G1C104A077	C 0.1UF , 16V	
	C8605	F1G1C104A077	C 0.1UF , 16V	
	C8607	F1G1H100A834	C 10PF , 50V	
	C8608	F1G1H100A834	C 10PF , 50V	
	C8609	F1G1C104A077	C 0.1UF , 16V	
	C8611	F1G1C104A077	C 0.1UF , 16V	
	C8615	F1J1A106A087	C 10UF , 10V	
	C8616	F1J1A106A087	C 10UF , 10V	
	C8617	F1G1C104A077	C 0.1UF , 16V	
	C8619	F1G1C104A077	C 0.1UF , 16V	
	C8620	F1G1C104A077	C 0.1UF , 16V	
	C8621	F1G1H100A834	C 10PF , 50V	
	C8622	F1G1H100A834	C 10PF , 50V	
	C8623	F1G1H100A834	C 10PF , 50V	
	C8624	F1G1H100A834	C 10PF , 50V	
	C8625	F1G1H100A834	C 10PF , 50V	
	C8626	F1G1H100A834	C 10PF , 50V	
	C8627	F1G1C104A077	C 0.1UF , 16V	
	C8628	F1J1A106A087	C 10UF , 10V	
	C8629	F1G1H390A834	C 39PF , 50V	
	C8644	F1G1C104A077	C 0.1UF , 16V	
	C8700	F1G1E1030005	C 0.01UF , 25V	
	C8702	F1J1A106A110	C 10UF , 10V	
	C8703	F1J1A106A110	C 10UF , 10V	
	C8705	F1G1E1030005	C 0.01UF , 25V	
	C8707	F1G1E1030005	C 0.01UF , 25V	
	C8708	F1J1A106A110	C 10UF , 10V	
	C8709	F1J1A106A110	C 10UF , 10V	
	C8710	F1J1A106A110	C 10UF , 10V	
	C8711	F1G1C223A081	C 0.022UF , 16V	
	C8712	F1G1E272A123	C 2700PF , 25V	
	C8714	F1J1A475A112	C 4.7UF , 10V	
	C8715	F1J1A106A087	C 10UF , 10V	
	C8716	F1G1C104A077	C 0.1UF , 16V	
	C8717	F1G1C104A077	C 0.1UF , 16V	
	C8721	F1K1E106A134	C 10UF , 25V	
	C8722	F1K1E106A134	C 10UF , 25V	
	C8723	F1K1E106A134	C 10UF , 25V	
	C8724	F1K1E106A134	C 10UF , 25V	
	C8764	F1H1A105A099	C 1UF , 10V	
	C8765	F1H1A105A099	C 1UF , 10V	
	C8769	F1G1C223A081	C 0.022UF , 16V	
	C8772	F1J1A106A110	C 10UF , 10V	
	C8773	F1J1A106A110	C 10UF , 10V	
	C8900	F1G1C104A077	C 0.1UF , 16V	
	C8901	F1G1C104A077	C 0.1UF , 16V	
	C8902	F1G1C104A077	C 0.1UF , 16V	
	C8903	F1G1C104A077	C 0.1UF , 16V	
		DIODES		
	D1000	B0JCCE000021	DIODE	
	D2005	EZJZOV120JA	VARISTOR	
	D2800A	B3AGB0000065	LED	
	D3050	K7AAAY000015	DIODE	
	D4001	DA2J10100L	DIODE	
	D4150	B0JCDE000006	DIODE	
	D4151	DB2J30900L	DIODE	
	D4152	B0JCDE000006	DIODE	
	D4153	B0JCDE000006	DIODE	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	D4154	B0JCDE000006	DIODE	
	D4155	DZ2J330M0L	DIODE	
	D4156	DA2J10100L	DIODE	
	D4157	DA2J10100L	DIODE	
	D4159	B0JCDE000006	DIODE	
	D4160	B0JCDE000006	DIODE	
	D4161	B0JCDE000006	DIODE	
	D4162	B0JCDE000006	DIODE	
	D4163	DZ2J200M0L	DIODE	
	D4165	B0BC01000035	DIODE	
	D4166	DA2J10100L	DIODE	
	D4167	DA2J10100L	DIODE	
	D4172	B0JCPG000032	DIODE	
	D4173	B0BC01700030	DIODE	
	D4174	DZ2J220M0L	DIODE	
	D4175	DA2J10100L	DIODE	
	D4201	B0BC4R700007	DIODE	
	D4704	DB2J30900L	DIODE	
	D4773	B0JCCE000021	DIODE	
	D5172	DZ2J180M0L	DIODE	
	D5173	DA2J10100L	DIODE	
	D5174	DZ2J110M0L	DIODE	
	D5175	DA2J10100L	DIODE	
	D5180	DZ2J033M0L	DIODE	
	D5480	B0JCCE000021	DIODE	
	△ D7101	ERZV10Q621CD	SURGE ABSORBER	
	D7102	B0FBAR000047	DIODE	
	D7301	B0HAGQ000001	DIODE	
	D7302	B0HAGQ000001	DIODE	
	D7306	B0BB140A0011	DIODE	
	D7313	B0ECKM000053	DIODE	
	D7315	B0ECKM000053	DIODE	
	D7316	DZ2J300M0L	DIODE	
	D7320	B0JAME000126	DIODE	
	D7321	DZ2J068M0L	DIODE	
	D7502	B0JBLSL000057	DIODE	
	D7503	B0HAMM000154	DIODE	
	D7507	B0EALP000012	DIODE	
	D7511	DZ2J100M0L	DIODE	
	D7800	B0FCAM000001	DIODE	
	D7801	B0BC015A0336	DIODE	
	D7802	B0ECKM000053	DIODE	
	D7803	B0ECKM000053	DIODE	
	D7804	DB2J41100L	DIODE	
	D7805	DZ2J110M0L	DIODE	
	D8716	DA2J10100L	DIODE	
		INTEGRATED CIRCUITS		
	IC3001	C1AB00003385	IC	
	IC4120	C0FBY000086	IC	
	IC4150	C0DBAYY01246	IC	
	IC4900	C1AB00003705	IC	
	IC5000	AN34043A-VF	IC	
	IC5416	C0DBGYY00281	IC	
	IC5601	C0DBZYY00368	IC	
	IC5602	C0DBZYY00368	IC	
	IC7301	C0DBBY000047	IC	
	IC7501	C0DBZYY00531	IC	
	IC7800	C1ZBZ0004572	IC	
	IC8000	MN2WS0178E	IC	
	IC8100	C0DBAYY01284	IC	
	IC8101	C0DBAYY01285	IC	
	IC8200	C3ABTY000059	IC	
	IC8201	C3ABTY000059	IC	
	IC8601	C1CB00003491	IC	
	IC8700	C0DBAYY00915	IC	
	IC8701	C0DBAYY00915	IC	
	IC8702	C0DBAFG00029	IC	
	IC8706	C0DBGYY00887	IC	
	IC8900	TVRS851	ROM IC (C3FBTY000011)	
	IC8901	C3EBGY000038	IC	
	IC8902	C3EBGY000038	IC	
		COILS		

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	L2001	J0JYC0000065	COIL	
	L2002	J0JHC0000078	BEAD CORE	
	L2301	J0JHC0000078	BEAD CORE	
	L2310	J0JHC0000078	BEAD CORE	
	L2311	J0JHC0000078	BEAD CORE	
	L2312	J0JHC0000078	BEAD CORE	
	L2313	J0JHC0000078	BEAD CORE	
	L2750	J0JYC0000065	COIL	
	L2751	J0JYC0000065	COIL	
	L2752	J0JYC0000065	COIL	
	L2754	J0JYC0000065	COIL	
	L3000	J0JCC0000287	COIL	
	L3001	J0JCC0000287	COIL	
	L3002	J0JCC0000287	COIL	
	L3003	J0JCC0000287	COIL	
	L3004	J0JCC0000287	COIL	
	L3005	J0JCC0000287	COIL	
	L3006	G1C100MA0072	COIL	
	L3102	J0JCC0000287	COIL	
	L3103	J0JCC0000287	COIL	
	L3104	J0ZZB0000142	FILTER	
	L3105	J0ZZB0000142	FILTER	
	L3106	J0ZZB0000142	FILTER	
	L3119	J0JCC0000287	COIL	
	L3120	J0JCC0000287	COIL	
	L3121	J0JCC0000287	COIL	
	L3122	J0JCC0000287	COIL	
	L3123	J0JCC0000287	COIL	
	L4001	J0ZZB0000147	COIL	
	L4002	J0ZZB0000147	COIL	
	L4005	J0ZZB0000147	COIL	
	L4006	J0ZZB0000147	COIL	
	L4150	J0JHC0000046	EMI FILTER	
	L4152	J0JHC0000046	EMI FILTER	
	L4153	G1C330MA0234	COIL	
	L4200	J0JHC0000046	EMI FILTER	
	L4700	J0JYC0000068	COIL	
	L4701	J0JYC0000068	COIL	
	L4703	J0JYC0000068	COIL	
	L4704	J0JYC0000068	COIL	
	L4705	J0JYC0000068	COIL	
	L4706	J0JYC0000068	COIL	
	L4800	J0JGC0000020	CHIP BEADS	
	L4801	J0JGC0000020	CHIP BEADS	
	L4802	J0JGC0000020	CHIP BEADS	
	L4803	G1CR39J00009	COIL	
	L4804	G1CR39J00009	COIL	
	L4805	J0JCC0000278	COIL	
	L4900	G1C150MA0426	INDUCTOR	
	L4901	G1C150MA0426	INDUCTOR	
	L4902	G1C150MA0426	INDUCTOR	
	L4903	G1C150MA0426	INDUCTOR	
	L5601	J0JHC0000045	COIL	
	L5602	J0JHC0000045	COIL	
	L5605	J0ZZB0000147	COIL	
	L5606	J0ZZB0000147	COIL	
	L7101	J0JKB0000034	EMI FILTER	
	L7102	J0JKB0000034	EMI FILTER	
	L7301	J0JKA0000038	BEAD CORE	
	L7501	J0JKB0000034	EMI FILTER	
	L7801	G0C900Z00004	INDUCTOR	
	L8003	J0JCC0000287	COIL	
	L8005	J0JHC0000045	COIL	
	L8006	J0JHC0000045	COIL	
	L8007	J0JHC0000045	COIL	
	L8009	J0JKC0000021	BEAD CORE	
	L8015	J0JCC0000287	COIL	
	L8016	J0JCC0000287	COIL	
	L8100	G1C2R2ZA0311	INDUCTOR	
	L8101	G1C2R2ZA0311	INDUCTOR	
	L8600	J0JHC0000045	COIL	
	L8603	J0JBC0000115	BEAD CORE	
	L8604	J0JBC0000115	BEAD CORE	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	L8605	J0JBC0000116	BEAD CORE	
	L8700	G1C4R7MA0416	INDUCTOR	
	L8701	G1C4R7MA0416	INDUCTOR	
			TRANSISTORS	
	Q0900	B1ADCF000194	TRANSISTOR	
	Q2750	B1ABCE000015	TRANSISTOR	
	Q2751	B1ABCE000015	TRANSISTOR	
	Q2752	B1ABCE000015	TRANSISTOR	
	Q3104	B1ABCE000015	TRANSISTOR	
	Q3105	B1ABCE000015	TRANSISTOR	
	Q4150	DSC500100L	TRANSISTOR	
	Q4151	DSA500100L	TRANSISTOR	
	Q4152	DSA500100L	TRANSISTOR	
	Q4154	B1CFQD000008	TRANSISTOR	
	Q4513	B1ADCF000194	TRANSISTOR	
	Q4514	B1HFCEA00001	TRANSISTOR	
	Q4700	B1ABCE000015	TRANSISTOR	
	Q4702	B1ABCE000015	TRANSISTOR	
	Q4709	B1ABCE000015	TRANSISTOR	
	Q4971	B1ABKE000001	TRANSISTOR	
	Q4972	B1ABKE000001	TRANSISTOR	
	Q4974	B1ABBE000003	TRANSISTOR	
	Q7301	B1CERR000067	TRANSISTOR	
	Q7304	B1HFCEA00001	TRANSISTOR	
	Q7502	B1CHRE000005	TRANSISTOR	
	Q7504	B1CHRE000005	TRANSISTOR	
	Q7510	B1ABBE000003	TRANSISTOR	
	Q7800	B1CFRM000028	TRANSISTOR	
	Q7801	B1CFRM000028	TRANSISTOR	
	Q7802	B1ABGJ000007	TRANSISTOR	
			RESISTORS	
	R0800	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R0900	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0901	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0902	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0903	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0904	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0905	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0906	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0907	D0GA272JA023	C 2.7KOHM ,J, 1/16W	
	R0910	EXB28V472JX	C 4.7KOHM ,J, 1/16W	
	R0911	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R0932	D0GA220JA023	C 220HM ,J, 1/16W	
	R0933	D0GA220JA023	C 220HM ,J, 1/16W	
	R0934	D0GA680JA023	C 680HM ,J, 1/16W	
	R0935	D0GA680JA023	C 680HM ,J, 1/16W	
	R0936	D0GA680JA023	C 680HM ,J, 1/16W	
	R0937	D0GA680JA023	C 680HM ,J, 1/16W	
	R0938	D0GA680JA023	C 680HM ,J, 1/16W	
	R0939	D0GA680JA023	C 680HM ,J, 1/16W	
	R0940	D0GA680JA023	C 680HM ,J, 1/16W	
	R0941	D0GA680JA023	C 680HM ,J, 1/16W	
	R0942	D0GA680JA023	C 680HM ,J, 1/16W	
	R0943	D0GA680JA023	C 680HM ,J, 1/16W	
	R0944	D0GA101JA023	C 100OHM ,J, 1/16W	
	R0945	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R0947	D0GA680JA023	C 680HM ,J, 1/16W	
	R0948	D0GA680JA023	C 680HM ,J, 1/16W	
	R0949	D0GA680JA023	C 680HM ,J, 1/16W	
	R0951	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R0952	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R0962	D0GA680JA023	C 680HM ,J, 1/16W	
	R0963	D0GA680JA023	C 680HM ,J, 1/16W	
	R0964	EXB28V680JX	C 680HM ,J, 1/16W	
	R1000	D0GA331JA023	C 330OHM ,J, 1/16W	
	R1001	D1BB7151A106	7.15KOHM ,J, 1/16W	
	R1004	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1005	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R1006	D0GA182JA023	C 1.8KOHM ,J, 1/16W	
	R1304	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1305	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1306	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1307	D0GA103JA023	C 10KOHM ,J, 1/16W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R1308	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1309	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R1311	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R1312	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1313	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1951	D0GA680JA023	C 68OHM ,J, 1/16W	
	R1953	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R1955	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R2004	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R2006	D0GA101JA023	C 100OHM ,J, 1/16W	
	R2009	D0GA101JA023	C 100OHM ,J, 1/16W	
	R2012	D0GA222JA023	C 2.2KOHM ,J, 1/16W	
	R2018	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R2019	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R2020	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R2025	D0GDR00J0004	C 0OHM ,J, 1/16W	
	R2751	D0GA683JA023	C 68OHM ,J, 1/16W	
	R2752	D0GDR00J0004	C 0OHM ,J, 1/16W	
	R2753	D0GDR00J0004	C 0OHM ,J, 1/16W	
	R2754	D0GA122JA023	C 1.2KOHM ,J, 1/16W	
	R2770	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R2788	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R2789	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R2790	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R2791	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R2792	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R2794	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R2800	D1BA9530A014	C 953OHM , 1/16W	
	R2805	D1BA2261A023	C 2.26KOHM , 1/16W	
	R2806	D0GA470JA023	C 47OHM ,J, 1/16W	
	R2807	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R2816	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R3002	D0GA122JA023	C 1.2KOHM ,J, 1/16W	
	R3013	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3053	D1BD75R0A066	C 75OHM , 1/8W	
	R3054	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3055	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R3056	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R3057	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3058	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3059	D1BD75R0A066	C 75OHM , 1/8W	
	R3060	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3061	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R3062	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R3063	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3064	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3070	D0GA101JA023	C 100OHM ,J, 1/16W	
	R3101	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R3102	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R3103	D1BD75R0A066	C 75OHM , 1/8W	
	R3105	D1BD75R0A066	C 75OHM , 1/8W	
	R3119	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R3123	EXB28V680JX	68OHM ,J, 1/16W	
	R3126	D0GA680JA023	C 68OHM ,J, 1/16W	
	R3175	D1BD75R0A066	C 75OHM , 1/8W	
	R3176	D1BD75R0A066	C 75OHM , 1/8W	
	R3178	D1BD75R0A066	C 75OHM , 1/8W	
	R3184	D0GA104JA023	C 100KOHM ,J, 1/16W	
	R3185	D0GA104JA023	C 100KOHM ,J, 1/16W	
	R3190	D0GA153JA023	C 15KOHM ,J, 1/16W	
	R3191	D0GA153JA023	C 15KOHM ,J, 1/16W	
	R3192	D0GA820JA023	82OHM ,J, 1/16W	
	R3193	D0GA820JA023	82OHM ,J, 1/16W	
	R3194	D0GA331JA023	C 330OHM ,J, 1/16W	
	R3195	D0GA331JA023	C 330OHM ,J, 1/16W	
	R3196	D0GA820JA023	82OHM ,J, 1/16W	
	R3197	D1BD75R0A066	C 75OHM , 1/8W	
	R3198	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3199	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R3200	D0GA333JA023	C 33KOHM ,J, 1/16W	
	R3201	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3202	D0GA221JA023	C 220OHM ,J, 1/16W	
	R3203	D1BD75R0A066	C 75OHM , 1/8W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R3931	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R3960	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R4000	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R4024	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4025	EXB28V103JX	10KOHM ,J, 1/10W	
	R4027	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4029	EXB28VR000X	0OHM , 1/10W	
	R4120	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R4121	EXB28V100JX	10OHM ,J, 1/16W	
	R4122	EXB28V100JX	10OHM ,J, 1/16W	
	R4123	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R4124	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R4125	D0GA100JA023	C 10OHM ,J, 1/16W	
	R4126	D0GA100JA023	C 10OHM ,J, 1/16W	
	R4127	D0GA100JA023	C 10OHM ,J, 1/16W	
	R4128	D0GA100JA023	C 10OHM ,J, 1/16W	
	R4150	D0GD391JA052	C 390OHM ,J, 1/16W	
	R4151	D1BA2201A023	C 2.2KOHM ,J, 1/16W	
	R4152	D1BA3002A023	C 30KOHM ,J, 1/16W	
	R4153	D1BA2001A023	C 2KOHM ,J, 1/16W	
	R4154	D1BA1002A023	C 10KOHM ,J, 1/16W	
	R4155	D1BA1002A023	C 10KOHM ,J, 1/16W	
	R4157	D1BA1001A023	C 1KOHM ,J, 1/16W	
	R4158	D0GD271JA052	C 270OHM ,J, 1/16W	
	R4159	D1BA3301A023	C 3.3KOHM ,J, 1/16W	
	R4160	D1BA3301A023	C 3.3KOHM ,J, 1/16W	
	R4161	D1BA3601A023	3.6KOHM , 1/10W	
	R4162	D1BA2201A023	C 2.2KOHM ,J, 1/16W	
	R4166	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R4167	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R4171	D1BA3002A023	C 30KOHM ,J, 1/16W	
	R4172	D1BA1203A023	C 120KOHM ,J, 1/16W	
	R4173	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4181	D1BA1002A023	C 10KOHM ,J, 1/16W	
	R4182	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R4184	D1BA2202A023	C 22KOHM ,J, 1/16W	
	R4201	D0GA101JA023	C 100OHM ,J, 1/16W	
	R4264	EXB28VR000X	0OHM , 1/10W	
	R4265	EXB28VR000X	0OHM , 1/10W	
	R4266	EXB28VR000X	0OHM , 1/10W	
	R4267	EXB28VR000X	0OHM , 1/10W	
	R4548	D0GA220JA023	C 22OHM ,J, 1/16W	
	R4549	D0GA151JA023	C 150OHM ,J, 1/16W	
	R4550	D0GA151JA023	C 150OHM ,J, 1/16W	
	R4551	D0GA151JA023	C 150OHM ,J, 1/16W	
	R4552	D0GA560JA023	C 56OHM ,J, 1/16W	
	R4554	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R4556	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4560	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R4563	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4702	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4708	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4709	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4710	EXB28V473JX	47KOHM ,J, 1/16W	
	R4711	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R4715	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4721	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4722	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4723	EXB28V473JX	47KOHM ,J, 1/16W	
	R4724	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R4739	D0GA220JA023	C 22OHM ,J, 1/16W	
	R4788	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4794	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4795	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4796	EXB28V473JX	47KOHM ,J, 1/16W	
	R4797	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R4798	D0GA273JA023	C 27KOHM ,J, 1/16W	
	R4805	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R4806	D0GAR00J0005	C 0OHM ,J, 1/16W	
	R4807	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4910	D0GA100JA023	C 10OHM ,J, 1/16W	
	R4911	D0GA100JA023	C 10OHM ,J, 1/16W	
	R4912	D0GA100JA023	C 10OHM ,J, 1/16W	

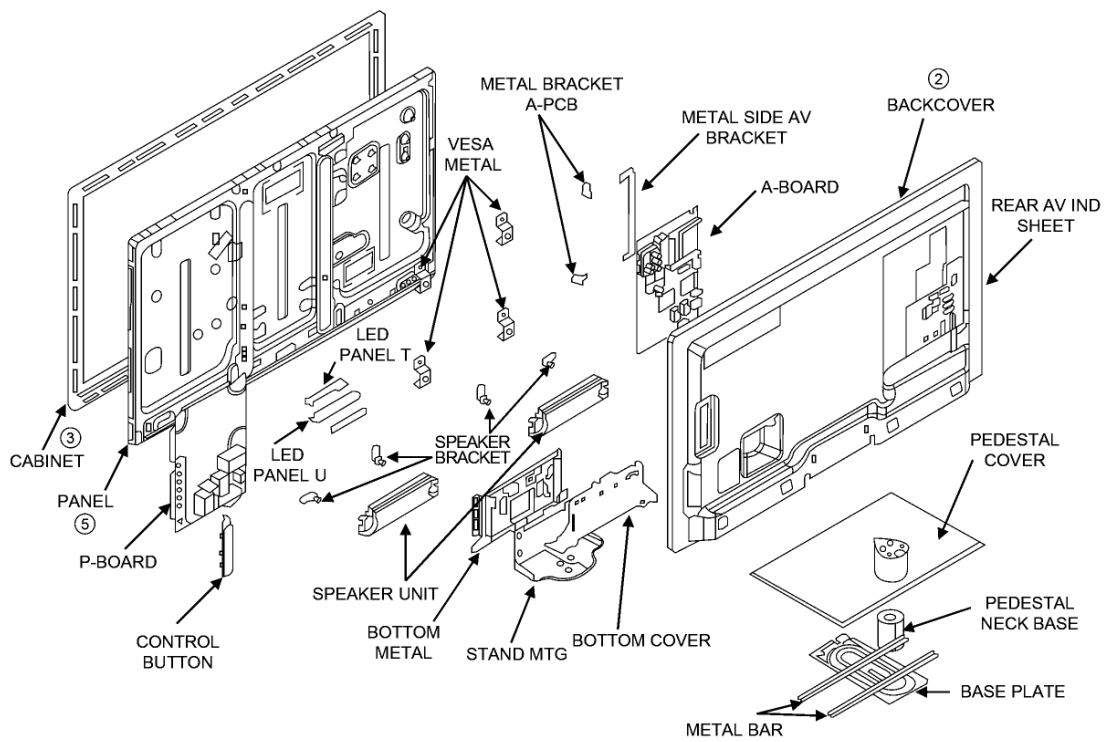
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R4913	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4914	EXB28V220JX	220HM ,J, 1/2W	
	R4915	D0GF3R3JA027	C 3.30HM ,J, 1/16W	
	R4916	D0GF3R3JA027	C 3.30HM ,J, 1/16W	
	R4917	D0GF3R3JA027	C 3.30HM ,J, 1/16W	
	R4918	D0GF3R3JA027	C 3.30HM ,J, 1/16W	
	R4921	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4970	D1BB1403A106	C 140KOHM ,J, 1/16W	
	R4971	D1BB1403A106	C 140KOHM ,J, 1/16W	
	R4972	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4973	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R4978	D0GA153JA023	C 15KOHM ,J, 1/16W	
	R4979	D0GA153JA023	C 15KOHM ,J, 1/16W	
	R4984	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R4985	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5002	D0GA683JA023	C 68KOHM ,J, 1/16W	
	R5003	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5006	D0GA563JA023	56KOHM ,J, 1/16W	
	R5007	D0GA223JA023	C 22KOHM ,J, 1/16W	
	R5009	D1BA5602A023	C 56KOHM ,J, 1/16W	
	R5012	D1BA2202A023	C 22KOHM ,J, 1/16W	
	R5030	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5104	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5152	D0GA222JA023	C 2.2KOHM ,J, 1/16W	
	R5153	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R5173	D0GAR00J0005	C 00HM ,J, 1/16W	
	R5175	D0GA680JA023	C 68OHM ,J, 1/16W	
	R5176	D0GAR00J0005	C 00HM ,J, 1/16W	
	R5178	D0GAR00J0005	C 00HM ,J, 1/16W	
	R5181	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5606	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5607	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5608	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R5609	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R6940	D0GAR00J0005	C 00HM ,J, 1/16W	
	R6956	D0GAR00J0005	C 00HM ,J, 1/16W	
	R6957	D0GAR00J0005	C 00HM ,J, 1/16W	
⚠	R7101	D0GF105JA048	C 1MOHM ,J, 1/4W	
⚠	R7102	D0GF105JA048	C 1MOHM ,J, 1/4W	
⚠	R7103	D0GF105JA048	C 1MOHM ,J, 1/4W	
	R7301	D1BD1803A066	C 180KOHM , 1/16W	
	R7302	D1BD1803A066	C 180KOHM , 1/16W	
	R7303	ERJ8ENF2204V	C 2.2MOHM ,J, 1/16W	
	R7304	ERJ8ENF2204V	C 2.2MOHM ,J, 1/16W	
	R7305	ERJ8ENF2204V	C 2.2MOHM ,J, 1/16W	
	R7306	D1BD2703A066	C 270KOHM ,J, 1/16W	
	R7313	D0GD220JA059	C 220HM ,J, 1/16W	
	R7314	D0GD681JA052	C 680OHM ,J, 1/16W	
	R7315	ERX1SJR33	0.33OHM ,J, 1W	
	R7316	ERX1SJR39	0.39OHM ,J, 1W	
	R7317	D0GD680JA059	68OHM ,J, 1/16W	
	R7318	D0GD471JA052	C 470OHM ,J, 1/16W	
	R7325	D0GD4R7JA059	C 4.7OHM ,J, 1/16W	
	R7329	D0GDR00J0004	C 00HM ,J, 1/16W	
	R7330	D0GD473JA052	C 47KOHM ,J, 1/16W	
	R7331	D0GD473JA052	C 47KOHM ,J, 1/16W	
	R7332	D0GD103JA052	C 10KOHM ,J, 1/16W	
	R7333	D0GD822JA052	8.2KOHM ,J, 1/16W	
	R7335	D0B1106JA033	10MOHM ,J, 1W	
	R7342	D0GD182JA052	C 1.8KOHM ,J, 1/16W	
	R7343	D0GD182JA052	C 1.8KOHM ,J, 1/16W	
	R7344	D0GD182JA052	C 1.8KOHM ,J, 1/16W	
	R7401	D0GDR00J0004	C 00HM ,J, 1/16W	
	R7402	D1BD1741A066	C 1.74KOHM , 1/16W	
	R7403	D1BD1621A066	C 1.62KOHM , 1/16W	
	R7404	D1BD2321A066	C 2.32KOHM , 1/16W	
	R7405	D1BD3161A066	C 3.16KOHM , 1/16W	
	R7503	D0GD153JA052	15KOHM ,J, 1/16W	
	R7504	D0GD153JA052	15KOHM ,J, 1/16W	
	R7510	D0GD101JA052	C 100OHM ,J, 1/8W	
	R7511	D0GD103JA052	C 10KOHM ,J, 1/8W	
	R7512	D0GD472JA052	C 4.7KOHM ,J, 1/8W	
	R7515	D0GD222JA052	C 2.2KOHM ,J, 1/16W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7516	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7517	D0GD222JA052	C 2.2KOHM ,J, 1/16W	
	R7519	D1BD5601A066	C 5.6KOHM , 1/16W	
	R7520	D1BD3301A066	C 3.3KOHM ,J, 1/16W	
	R7521	D1BD1202A066	C 12KOHM ,J 1/16W	
	R7528	D0GD103JA052	C 10KOHM ,J, 1/8W	
	R7529	D0GD154JA052	C 150KOHM ,J, 1/16W	
	R7801	D0GD100JA059	C 100HM ,J, 1/16W	
	R7802	D0GD101JA052	C 100OHM ,J, 1/8W	
	R7803	D0GD100JA059	C 100HM ,J, 1/16W	
	R7804	D0GD101JA052	C 100OHM ,J, 1/8W	
	R7805	D0GD473JA052	C 47KOHM ,J, 1/16W	
	R7806	D0GD473JA052	C 47KOHM ,J, 1/16W	
	R7807	ERX1SJR39	0.39OHM ,J, 1W	
	R7808	ERX1SJR39	0.39OHM ,J, 1W	
	R7811	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7812	D0GD472JA052	C 4.7KOHM ,J, 1/16W	
	R7813	D0GD304JA052	C 300KOHM ,J, 1/16W	
	R7814	D0GD304JA052	C 300KOHM ,J, 1/16W	
	R7815	D0GD304JA052	C 300KOHM ,J, 1/16W	
	R7816	D0GD203JA052	C 20KOHM ,J, 1/16W	
	R7817	D1BD4702A066	C 47KOHM , 1/16W	
	R7818	D1BD3001A066	3KOHM , 1/16W	
	R7819	D1BD1203A066	C 120KOHM , 1/16W	
	R7820	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7821	D0GD1R0JA035	C 1OHM ,J, 1/16W	
	R7822	D0GD102JA052	C 1KOHM ,J, 1/16W	
	R7824	D0GD204JA052	C 200KOHM ,J, 1/16W	
	R7825	D0GD204JA052	C 200KOHM ,J, 1/16W	
	R7826	D0GD473JA052	C 47KOHM ,J, 1/16W	
	R7830	D0GDR00J0004	C 00HM ,J, 1/16W	
	R7835	D0GDR00J0004	C 00HM ,J, 1/16W	
	R7840	D0GDR00J0004	C 00HM ,J, 1/16W	
	R7841	D0GDR00J0004	C 00HM ,J, 1/16W	
	R8001	D0GA331JA023	C 330OHM ,J, 1/16W	
	R8100	D1BB2001A197	C 2KOHM ,J, 1/16W	
	R8101	D1BB1301A195	C 1.3KOHM , 1/16W	
	R8102	D1BB2001A197	C 2KOHM ,J, 1/16W	
	R8103	D1BB1961A087	C 1.96kOHM , 1/16W	
	R8200	D1BA2400A023	C 240OHM , 1/16W	
	R8203	D1BA1001A023	C 1KOHM , 1/16W	
	R8204	D1BA1001A023	C 1KOHM , 1/16W	
	R8205	D1BA1001A023	C 1KOHM , 1/16W	
	R8206	D1BA1001A023	C 1KOHM , 1/16W	
	R8207	D1BA1001A023	C 1KOHM , 1/16W	
	R8208	D1BA1001A023	C 1KOHM , 1/16W	
	R8217	D0GA221JA023	C 220OHM ,J, 1/16W	
	R8218	D0GA221JA023	C 220OHM ,J, 1/16W	
	R8219	D1BA2400A023	C 240OHM , 1/16W	
	R8220	D1BA2400A023	C 240OHM , 1/16W	
	R8221	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8222	D1HY3304A012	33OHM , 1/16W	
	R8223	D1HY3304A012	33OHM , 1/16W	
	R8224	D1BA1001A023	C 1KOHM , 1/16W	
	R8225	D1BA1001A023	C 1KOHM , 1/16W	
	R8301	D0GA681JA023	680OHM ,J, 1/16W	
	R8302	D0GA360JA023	C 36OHM ,J, 1/16W	
	R8303	D0GA360JA023	C 36OHM ,J, 1/16W	
	R8304	D1BA6201A023	C 6.2KOHM , 1/16W	
	R8305	D1BA6201A023	C 6.2KOHM , 1/16W	
	R8438	EXB2HV103JV	10KOHM ,J, 1/16W	
	R8592	D0GAR00J0005	C 00HM ,J, 1/16W	
	R8606	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8607	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8608	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R8609	D1BA6491A023	C 6.49KOHM , 1/16W	
	R8610	D0GA221JA023	C 200OHM ,J, 1/16W	
	R8615	D0GA105JA023	C 1MOHM ,J, 1/4W	
	R8616	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8617	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8624	D0GA560JA023	C 56KOHM ,J, 1/16W	
	R8625	D0GA560JA023	C 56KOHM ,J, 1/16W	
	R8626	D0GA560JA023	C 56KOHM ,J, 1/16W	

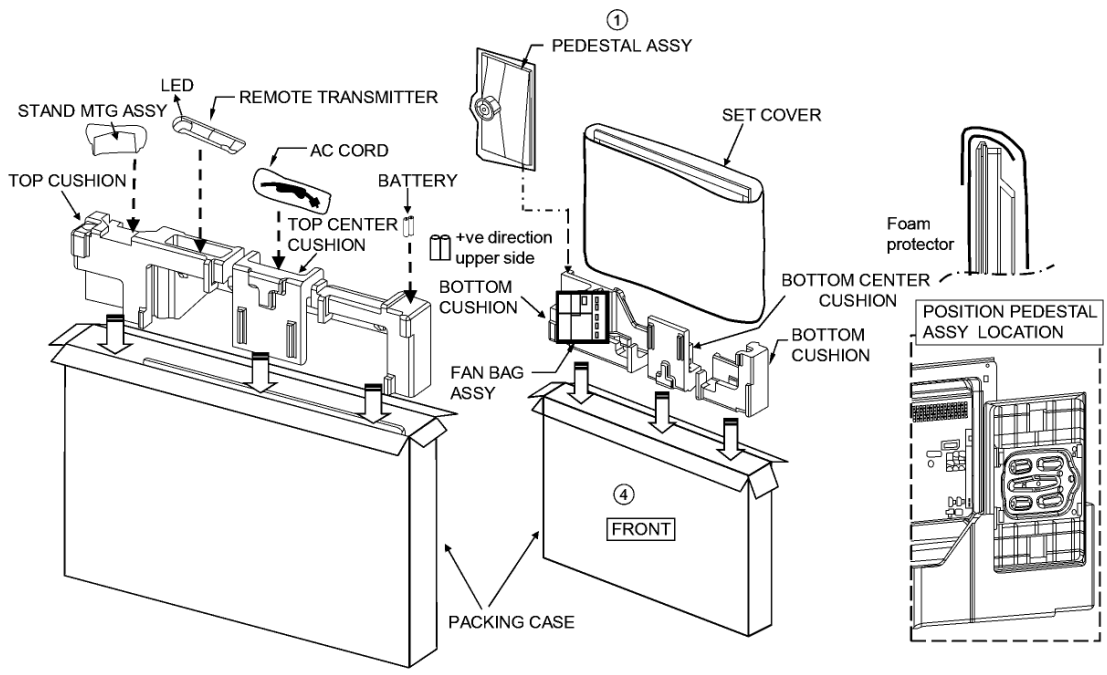
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R8627	D0GA560JA023	C 56KOHM ,J, 1/16W	
	R8628	D0GA560JA023	C 56KOHM ,J, 1/16W	
	R8629	D0GA820JA023	820HM ,J, 1/16W	
	R8630	EXB2HV103JV	10KOHM ,J, 1/16W	
	R8631	D0GAR00J0005	C 00HM ,J, 1/16W	
	R8632	EXB28V560JX	C 56OHM ,J, 1/16W	
	R8634	EXB28V560JX	C 56OHM ,J, 1/16W	
	R8639	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8640	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8641	D0GA390JA023	C 39OHM ,J, 1/16W	
	R8660	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8661	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8662	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8663	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8664	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8665	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8666	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8667	D0GAR00J0005	C 00HM ,J, 1/16W	
	R8668	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8669	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8670	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8671	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8672	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8673	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8674	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8675	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8676	D0GA101JA023	C 100OHM ,J, 1/16W	
	R8700	D0GB243ZA038	24KOHM , 1/16W	
	R8701	D1BB6041A106	6.04kOHM , 1/16W	
	R8702	D0GA390JA023	C 39OHM ,J, 1/16W	
	R8703	D0GB432ZA038	4.3kOHM , 1/16W	
	R8704	D0GB203ZA038	20kOHM , 1/16W	
	R8705	D0GB302ZA039	3KOHM , 1/16W	
	R8706	D0GA390JA023	C 39OHM ,J, 1/16W	
	R8707	D0GB562ZA038	5.6kOHM , 1/16W	
	R8755	D0GA104JA023	C 100KOHM ,J, 1/16W	
	R8858	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8859	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8860	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8861	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R8863	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R8866	D0GA473JA023	C 47KOHM ,J, 1/16W	
	R8871	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R8872	D0GA102JA023	C 1KOHM ,J, 1/16W	
	R8909	D0GA222JA023	C 2.2KOHM ,J, 1/16W	
	R8910	D0GA103JA023	C 10KOHM ,J, 1/16W	
	R8914	D0GA472JA023	C 4.7KOHM ,J, 1/16W	
	R8915	EXB2HV680JV	68OHM ,J, 1/10W	
	R8924	EXB28V680JX	68OHM ,J, 1/10W	
	R8925	EXB28V680JX	68OHM ,J, 1/10W	
	R8965	EXB28V103JX	10KOHM ,J, 1/16W	
		TRANSFORMERS		
△	T7301A	G4DYA0000389	TRANSFORMER	
		OTHERS		
	A09	K1KY16BA0394	CONNECTOR	
	A10	K1KA07B00135	CONNECTOR	
	A12	K1KY04B00013	CONNECTOR	
	A15	K1MY60BA0526	CONNECTOR	
△	CF7101	D4CA98R0A001	THERMISTOR	
	CN0100	K1KA14A00248	CONNECTOR	
△	F7101	K5E502YY0001	FUSE	
	J108	J0JKA0000038	BEAD CORE	
	J112	J0JKA0000038	BEAD CORE	
	J303	J0JKA0000024	EMI FILTER	
	JK1000	K1FY119D0026	TERMINAL	
	JK1001	K1FY119D0026	TERMINAL	
	JK1002	K1FY119E0049	CONNECTOR	
	JK1030	K1FY104B0081	AV TERMINAL	
	JK1031	K1FY104A0029	AV TERMINAL	
	JK1040	K2LCLYYA0018	AV TERMINAL	
	JK3000	K1U916A00006	AV TERMINAL	
	JK3300	K2HCLYYB0076	AV TERMINAL	
	JK3301	K2HCLYYB0079	AV TERMINAL	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	JK3703	K1FY315A0014	AV TERMINAL	
	JK7101	K2AAYB000006	INLET/OUTLET (FOR AC POWER SOURCE)	
	JK8850	K1NA12E00016	CONNECTOR	
	JS0014	D0GAR00J0005	CHIP RESISTOR	
	JS0025	D0GAR00J0005	CHIP RESISTOR	
	K10	K1KA07A00292	CONNECTOR	
△	LF7103A	G0B153G00003	LINE FILTER	
△	LF7104A	G0B153G00003	LINE FILTER	
	P2	K1KY15BA0386	CONNECTOR	
	P3	K1KA08BA0061	CONNECTOR	
△	PA4150	K5H1622A0031	FUSE	
△	PA7501	K5H502Y00004	FUSE	
	PC7302	B3PAA0000363	PHOTO COUPLER	
	PC7303	B3PAA0000363	PHOTO COUPLER	
	RM2800	PNJ4815M01TV	REMOCON SENSOR	
	SN2800	B3JB00000116	PHOTO DETECTOR	
	SW7401	EVQ11G05R	SWITCH	
	SW7402	EVQ11G05R	SWITCH	
	SW7403	EVQ11G05R	SWITCH	
	SW7404	EVQ11G05R	SWITCH	
	SW7405	EVQ11G05R	SWITCH	
	SW7406	EVQ11G05R	SWITCH	
△	TU4800A	ENGS7302D5F	TUNER	
△	X8300	H0J245500113	CRYSTAL OSCILLATOR	
△	X8600	H0J250500109	CRYSTAL RESONATOR	
	ZA7101	K4AD01A00003	TERMINAL	
	ZA7103	K4AD01A00003	TERMINAL	








Model No. : TH-L32X50Z Parts Location



Model No. : TH-L32X50Z Packing Exploded View



Model No. : TH-L32X50Z Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		K2CJ2YY00084	AC CORD		
		K2KYYYY00133	RCA CABLE		
		L0EYAA000006	SPEAKER		
		L0EYAA000007	SPEAKER		
		N2QAYB000604	REMOTE TRANSMITTER		
	1	TBL5ZX03601	PEDESTAL ASSY		
		TBL5ZX03761	STAND MOUNTING ASSY		
		TBM4GC8121	MODEL NAME PLATE		
		TBX5ZA00301	CONTROL BUTTON		
		THEC1509	SCREW		
		THTD030J	SCREW		
		TKK5ZC50141	LED PANEL BRACKET		
		TKK5ZC50201	LED PANEL		
		TKKL5521	M6 CAP		
		TKP5ZA13801	BOTTOM COVER		
		TKX5ZA02301	SPEAKER BRACKET		
		TPD4GA02881	TOP CUSHION		
		TPD4GA02891	BOTTOM CUSHION		
		TPD4GA03501	TOP CENTER CUSHION		
		TPD4GA03521	BOTTOM CENTER CUSHION		
		TPE4GH055	BAG (PEDESTAL)		
		TPE4GH065	SET COVER		
		TQF4GA126	ENERGY RATING LABEL		
		TQZ4GB533	FAN BAG ASSY		
		TSCKF0010005	LVDS CABLE		
	2	TTU4GA0706	BACK COVER ASSY		
	3	TTY4GA0261	CABINET ASSY		
	4	TXFPC01RBUZ	PACKING CASE ASSY		
	5	VVX32H125G00	LCD PANEL		
		XSS5+16FJK	SCREW		
		XTV3+8GFJK	SCREW		
		XYN3+C6FJ	SCREW		
		XYN3+F8FJ	SCREW		
		XYN4+F25FUJ	SCREW		
Electrical Replacement Part List					
	RTL	TZT/A1QAUA	A PRINT ASSY		
	RTL	TXN/P1PTUH	P PRINT		
	RTL	TXN/K1PTUH	K PRINT		