

Service Manual

LCD TV



Model No. TH-L37X15R

Chassis: LH89

Destination: IRAN

Specifications

Power Source	AC 220V, 50 Hz
Power Consumption	
Average use	151 W
Standby condition	0.4 W
Display panel	
Aspect Ratio	16:9
Visible screen size	94 cm (diagonal) 819 mm (W) × 460 mm (H)
(No. of pixels)	1,049,088 (1,366 (W) × 768 (H))
Sound	
Speaker	160 mm × 42 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, XGA SXGA (compressed) Horizontal scanning frequency 31 - 69 kHz Vertical scanning frequency 59 - 86 Hz

Receiving Systems / Band name	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	Playback from special VCR's or DVD.
12	NTSC 3.58 / 6.0 MHz	
13	NTSC 3.58 / 6.5 MHz	
14	SECAM I	
15	PAL 60 Hz / 5.5 MHz	Playback from Special Disc Players and Special VCR's or DVD.
16	PAL 60 Hz / 6.0 MHz	
17	PAL 60 Hz / 6.5 MHz	

Receiving Channels (Regular TV)**VHF BAND**

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 U.S.A.)

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 U.S.A.)

CATV

S1 - S20 (OSCAR)
 1 - 125 (U.S.A. 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

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)
	COMPONENT	Y	1.0 V [p-p] (including synchronization)
		P _B /C _B , P _R /C _R	± 0.35 V [p-p]
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)
	S-VIDEO	Mini DIN 4-pin	Y: 1.0 V [p-p] (75 Ω) C: 0.286 V [p-p] (75 Ω)
Monitor Input	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 4" 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 [rms] (high impedance)
	Card Slot	SD Card slot × 1	

Dimension (W x H x D)

915 mm × 620 mm × 287 mm (With Pedestal)

915 mm × 577 mm × 97 mm (TV only)

Mass

17.5 kg Net (With Pedestal)

15.0 kg Net (TV only)

Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.

⚠ 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.

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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.

1.2. Touch-Current Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents 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 the Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part and measure the voltage at each point.
5. The potential at any point (touch current) expressed as voltage U_1 and U_2 , do not exceed the following values:

For AC: $U_1 = 35 \text{ V}$ (peak) and $U_2 = 0.35 \text{ V}$ (peak);

For DC: $U_1 = 1.0 \text{ V}$,

NOTE :

The limit value of $U_2 = 0.35 \text{ V}$ (peak) for AC and $U_1 = 1.0 \text{ V}$ for DC correspond to the values 0.7 mA (peak) AC and 2.0 mA DC.

The limit value $U_1 = 35 \text{ V}$ (peak) for AC correspond to the value 70 mA (peak) AC for frequencies greater than 100 kHz .

6. Should a measurement be out 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.

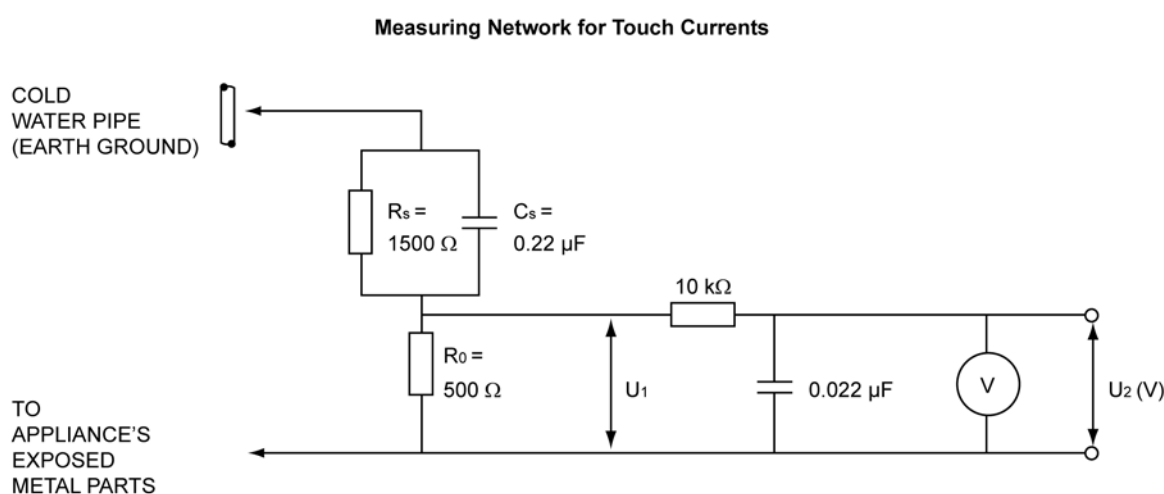


Figure 1

Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance: $\geq 1 \text{ M}\Omega$
 Input capacitance: $\leq 200 \text{ pF}$
 Frequency range: 15 Hz to 1 MHz and DC respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

2 Prevention of Electro Static 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 electro static 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 aluminium 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 charges 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, aluminium 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 harmless 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).

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, 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 from the manufacturer.

3 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 (PbF) used in our manufacturing process and discussed below is (Sn+Ag+Cu).

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

This model uses PbF in its manufacture due to environmental conservation issues. For service and repair work, we would suggest the use of PbF as well, although Pb may be used.

PCBs manufactured using lead-free will have the "PbF within a leaf Symbol" stamped on their back.

Caution

- PbF has a higher melting point than that of 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).

- PbF 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 PbF on the pins or solder area before applying Pb. If this is not practical, be sure to heat the PbF until it melts, before applying Pb.

- After applying PbF to double layered boards, please check the component side for excess solder which may flow onto the opposite side (see Figure 2).

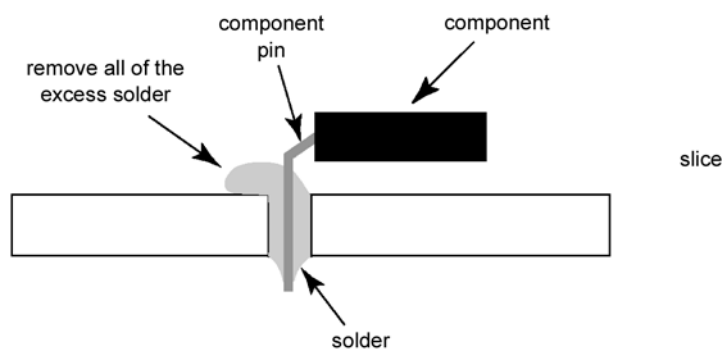


Figure 2

Suggested PbF

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

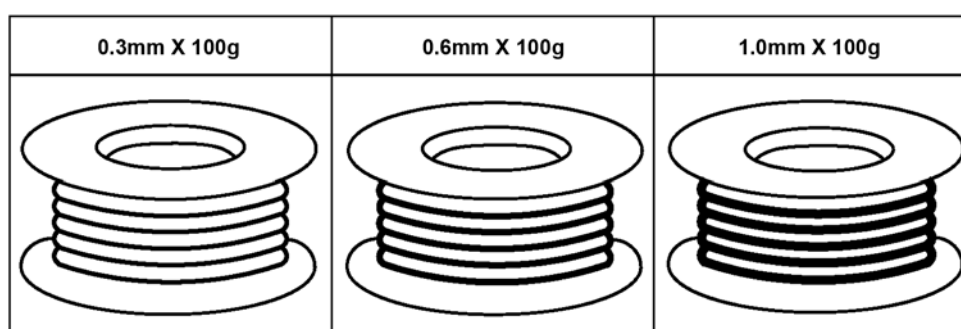


Figure 3

4 Power LED Blinking Timing

1. Subject

Information of LED Flashing timing.

2. Contents

When an abnormality has occurred in the unit, the protection circuit operates and resets to standby mode. At this time, the defective block can be identified by the number of blinking of the Power LED on the front panel of the unit as follow:

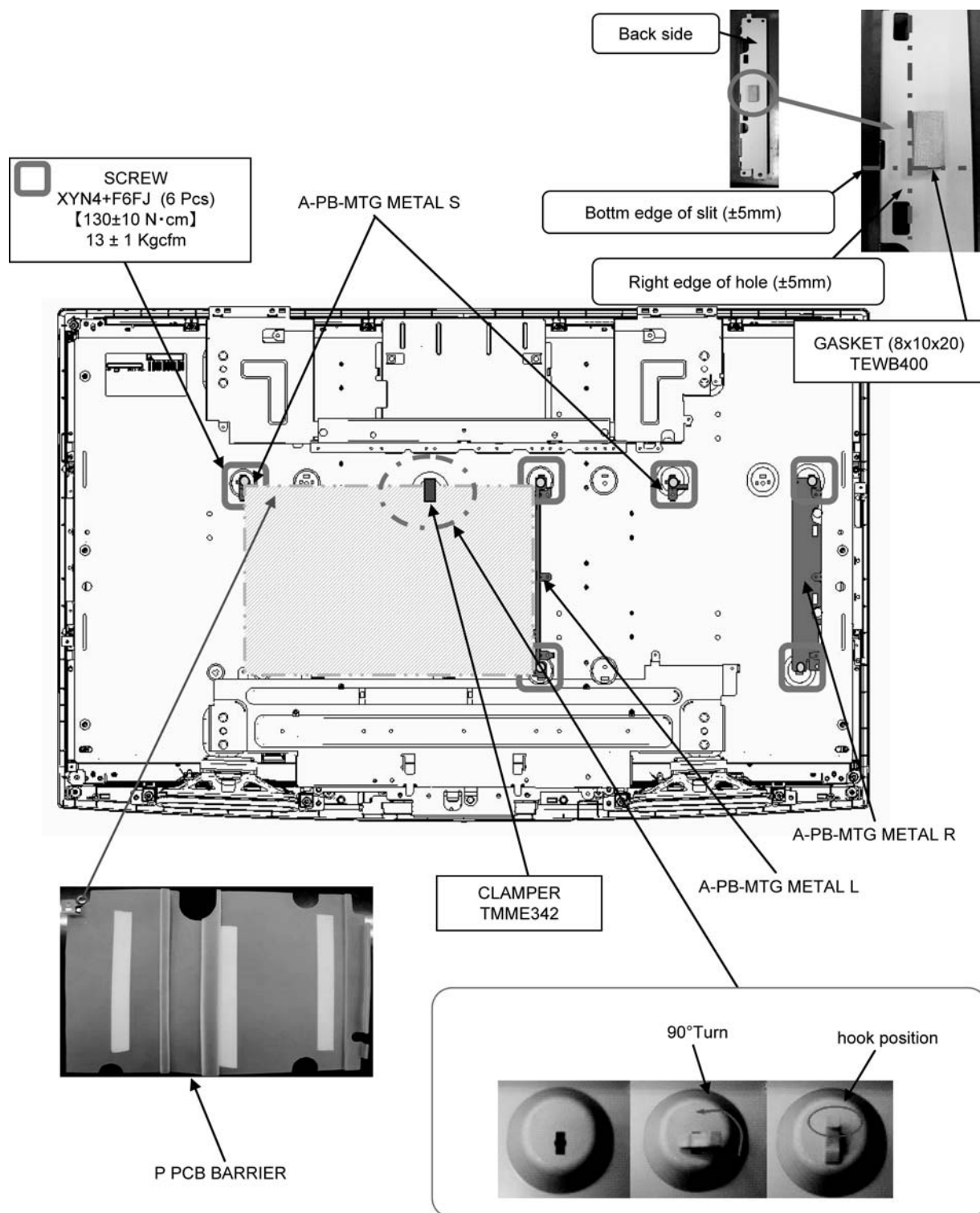
Blinking times	Contents
1	Lamp short circuit protection Lamp open protection Arc protection
2	Cooling fan SOS = incomplete connection - no function mode.
3	P board 30V / 18V / 9V decreased / short circuit detection.
4	DTV12V decreased / short circuit , main convertor stop detection.
5	Sub 5V decreased / short circuit detection.
6	Sub 5V decreased / short circuit detection. (same as 5 times LED blinking)
7	Sub 3.3V decreased / short circuit detection.
8	Sub 5V decreased / short circuit detection. (same as 5 times LED blinking)
9	Audio amp SOS.
10	HQ1 incomplete connection, no function mode.
13	When peaks communication error SOS.

No. of blinks	Blinking timing	Contents	Check point
1		Inverter SOS (24 V line Inverter in LCD panel)	POWER UNIT LCD PANEL
3		SOS BT 30 V/ SOUND 18 V/ PANEL 12 V/	AP-BOARD H-BOARD
4		Sub 9 V	AP-BOARD
5		Sub 5 V	AP-BOARD
6		Main 9 V	AP-BOARD
8		Main 3.3 V	AP-BOARD

5 Chassis Board

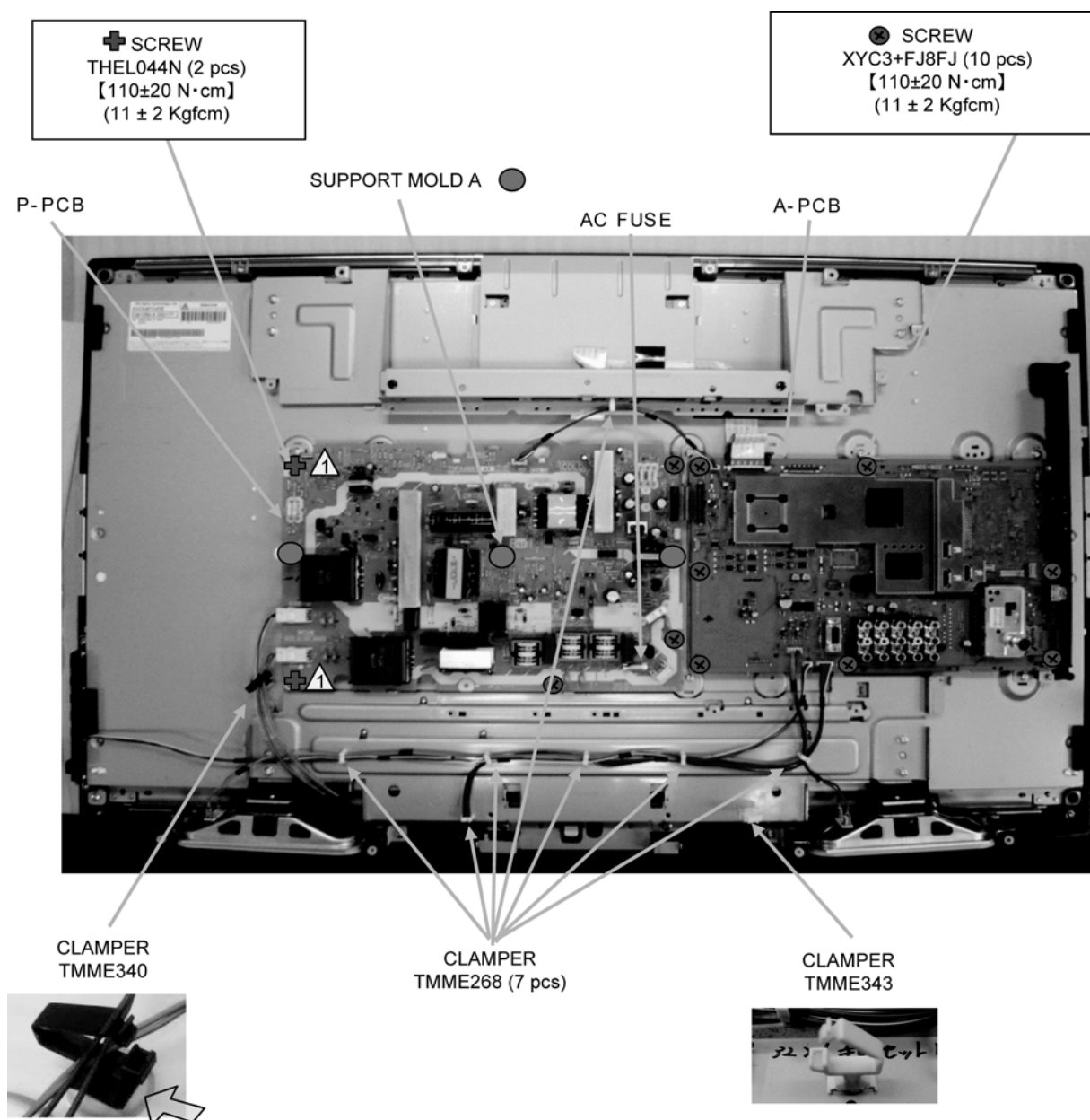
5.1. Chassis MTG Installation

1. Stick the GASKET to A-PB-MTG METAL R (back side).
2. Put A-PB-MTG METAL S/L/R on the LCD PANEL.
3. Fix them with SCREW.
4. Insert the CLAMPER.
5. Stick the P PCB BARRIER.



5.2. Chassis Screw Fixing

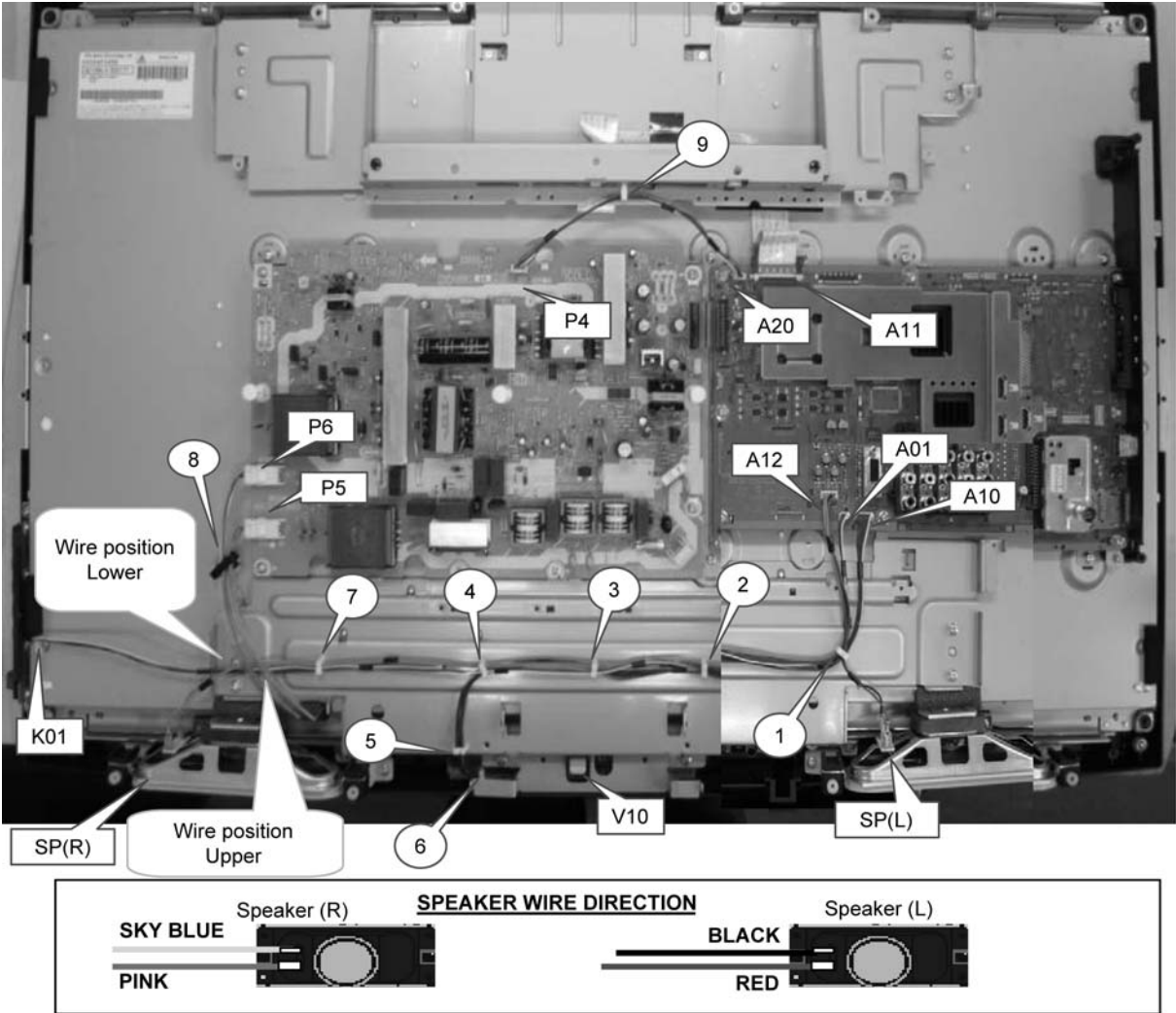
1. Setting the SUPPORT MOLD A on the P-PCB.
2. Put the P-PCB, A-PCB on the A-PB-MTG METAL.
3. Fix them with SCREWS.
4. Setting the CLAMPER.



6 Location of Controls and Components

6.1. Wire Dressing

1. Wiring No. 1 ~ No.7
2. Remove dust of terminal of LVDS and PB connector. (by ion blow) Pos. A11
3. Insert LVDS into A11.

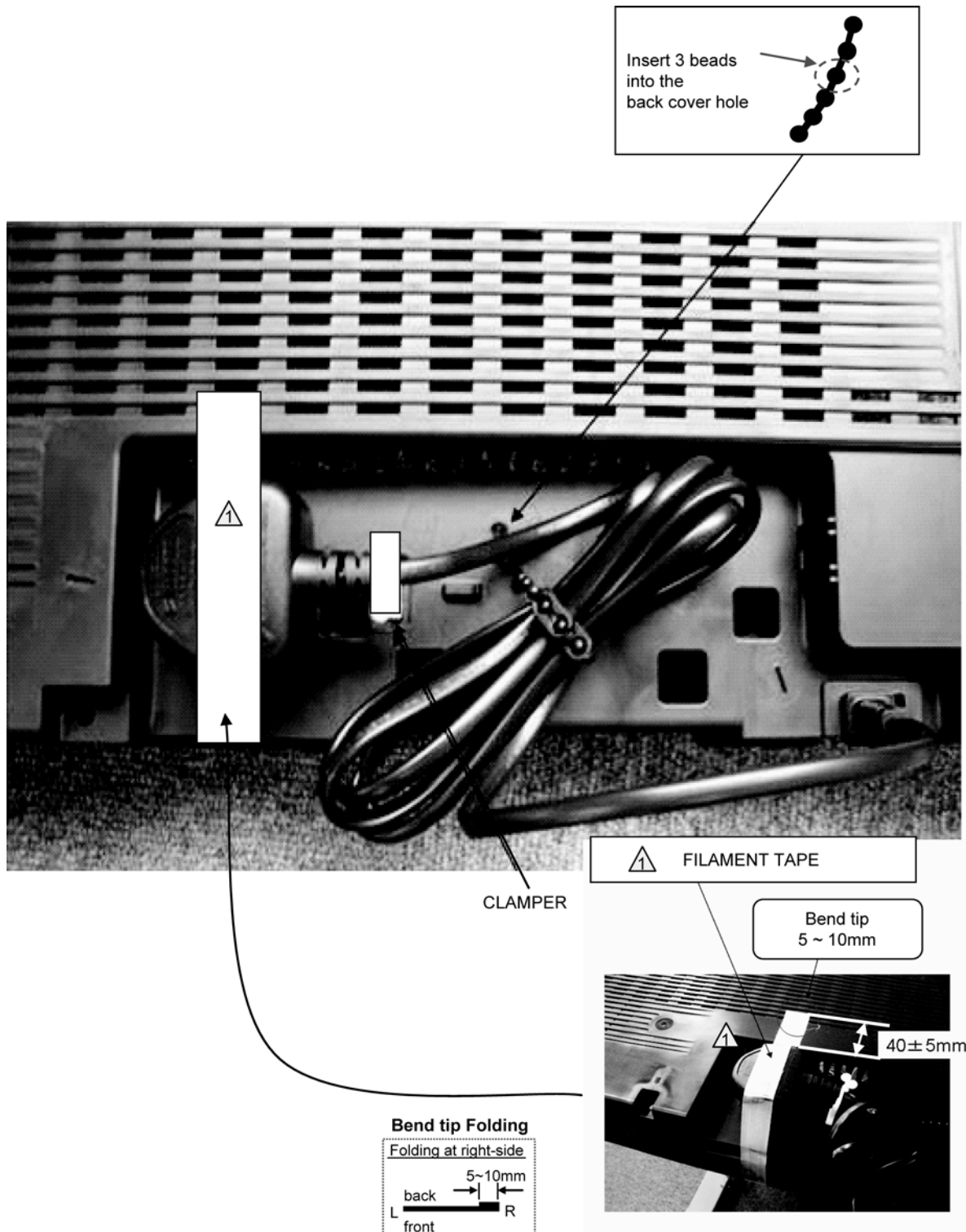


Wire		Clamper								
		1	2	3	4	5	6	7	8	9
No.1	A10 ~ V10	●	●	●	●	●	●			
No.2	A01 ~ K01	●	●	●	●			●		
No.3	A12 ~ SP(L)	●								
No.4	A12 ~ SP(R)	●	●	●	●			●		
No.5	LCD ~ P5								●	
No.6	LCD ~ P6								●	
No.7	A20 ~ P4									●

7 Disassembly and Assembly Instructions

7.1. AC Cord Dressing - 1

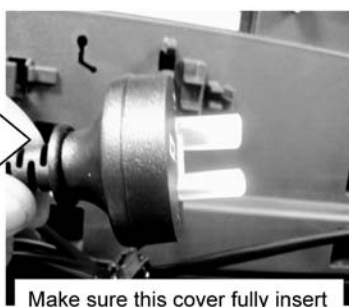
1. Clamp plug with clumper.
2. Insert beads 3pcs. And slide down to lower hole.



7.2. AC Cord Dressing - 2



Slot AC-cord cover to AC-cord



Make sure this cover fully insert

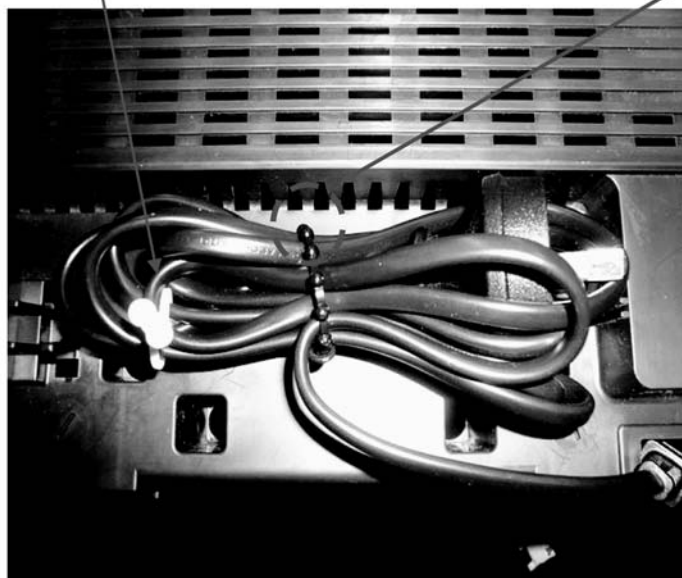


Slot AC-cord into wire(center pin)



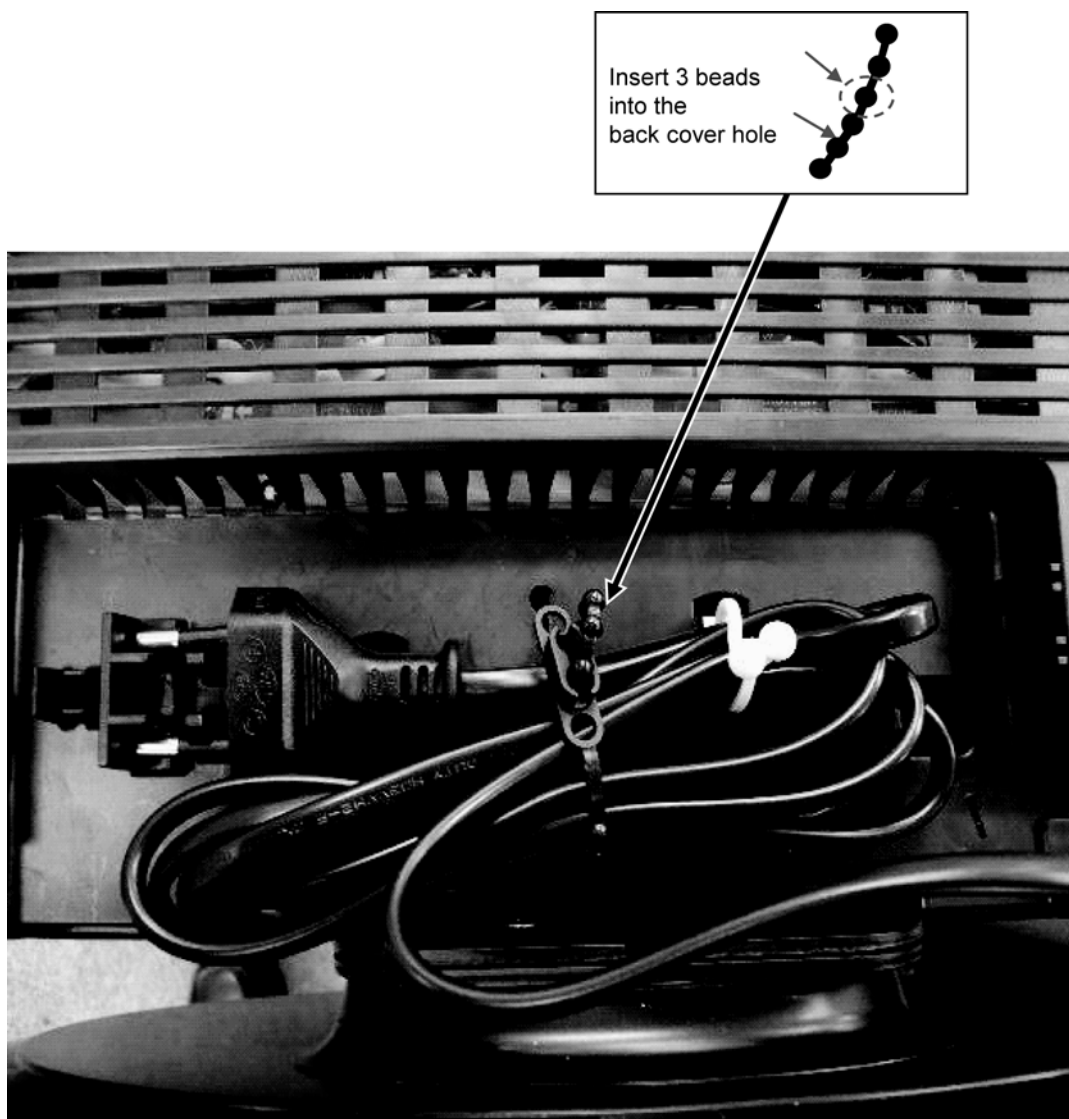
Clamping at AC cord

Insert 4 beads
into the
back cover hole



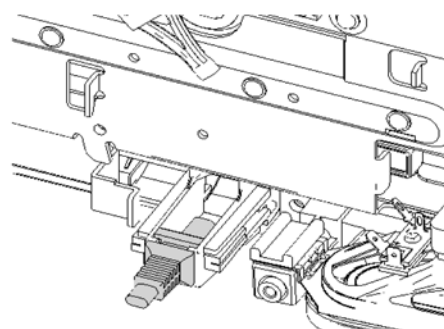
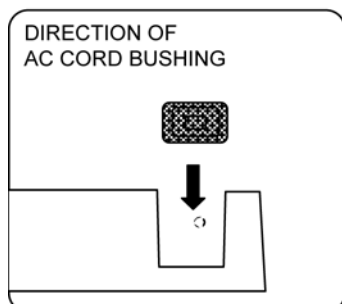
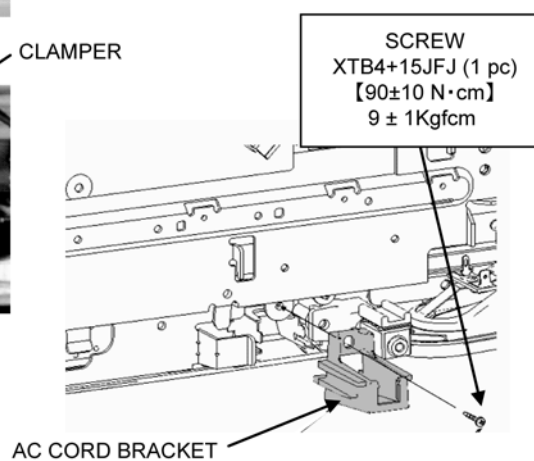
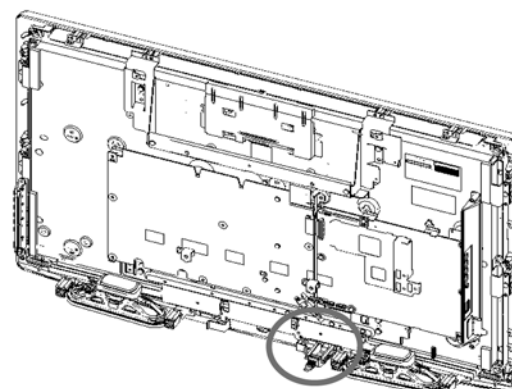
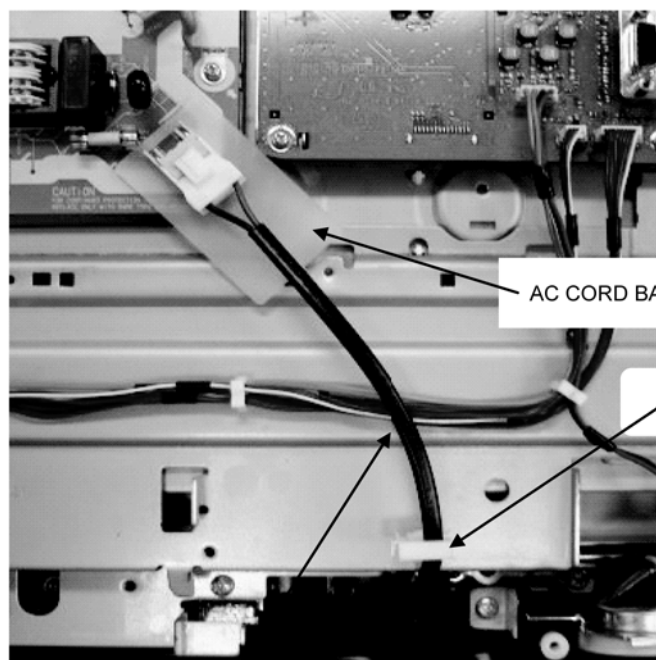
7.3. AC Cord Dressing - 3

1. Clamp CORD with CLAMPER.
2. Clamp plug to BACK COVER.
3. Insert beads 3pcs. And slide down to lower hole.



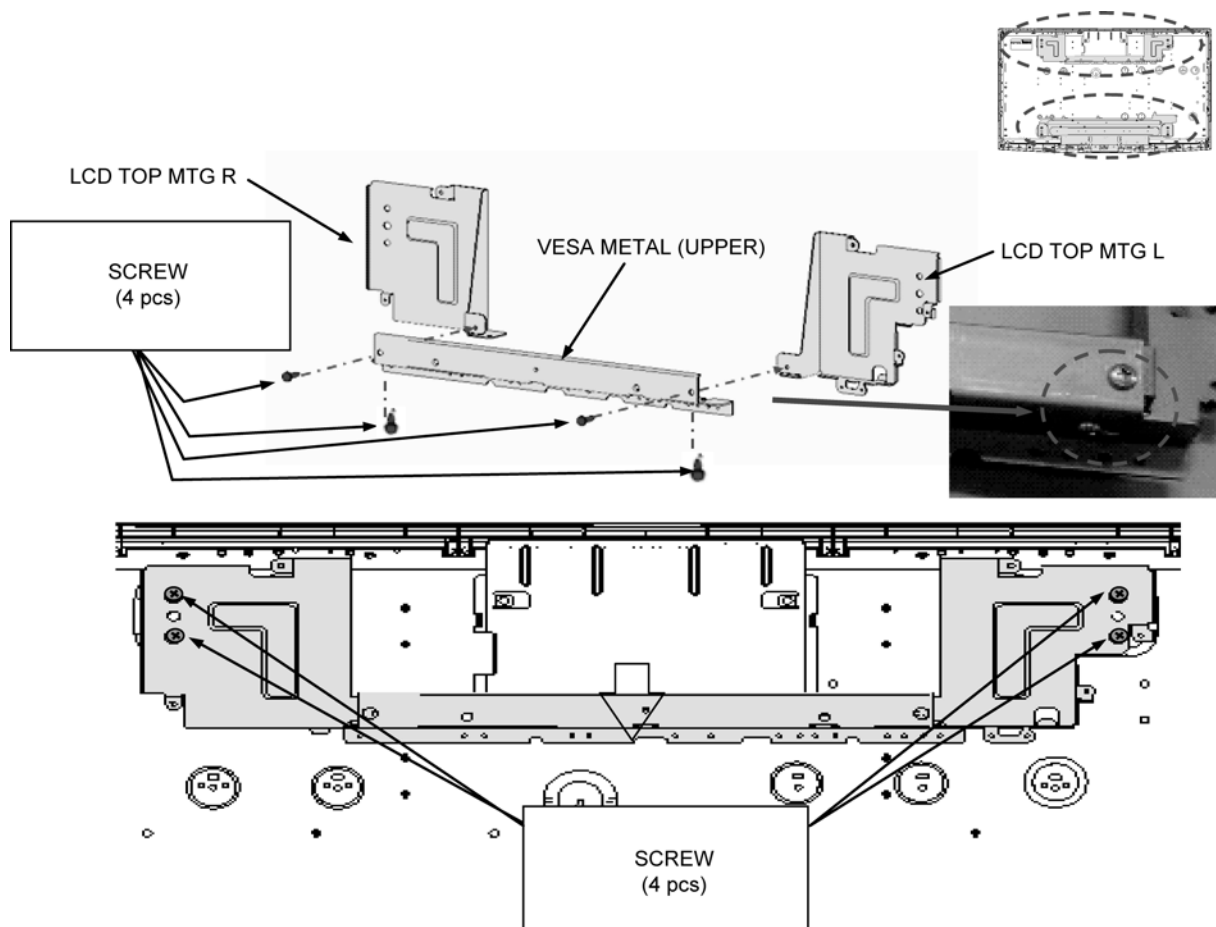
7.4. AC Cord Bracket Installation

1. Put on the AC CORD BRACKET on the CABINET.
2. Fix the AC CORD BRACKET with SCREW.
3. AC CORD BARRIER setting.
4. Insert AC CORD connector into P-PCB connector.
5. Clamp the AC CORD.
6. Insert AC CORD bushing into the AC CORD BRACKET.

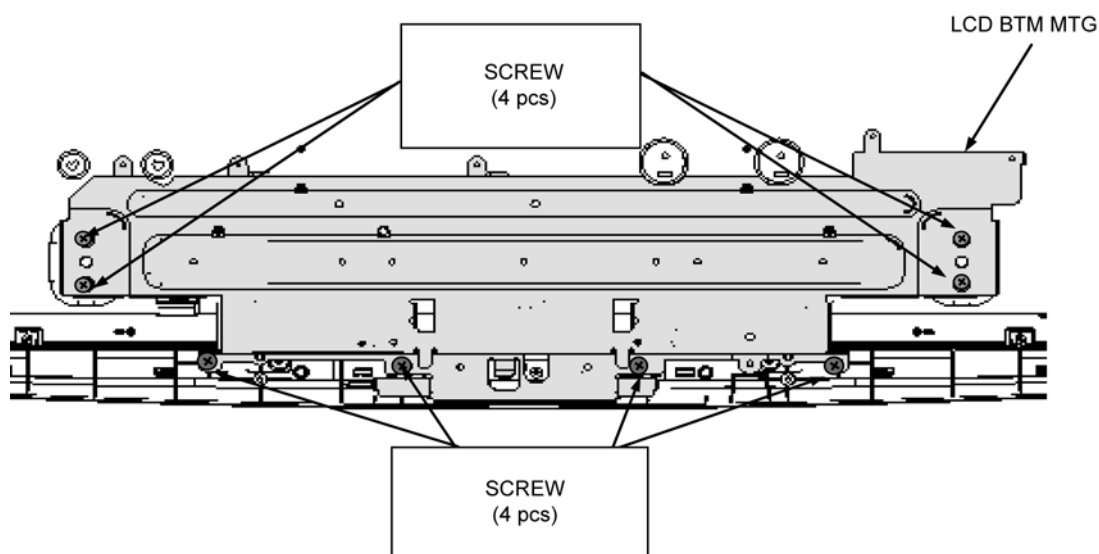


7.5. VESA Metal And Bottom MTG Installation

1. Assemble LCD top mtg (L, R), vesa metal (upper) and fix them with screw.
2. Put on the VESA METAL ASSY on the LCD PANEL.
3. Fix the VESA METAL ASSY with SCREW.

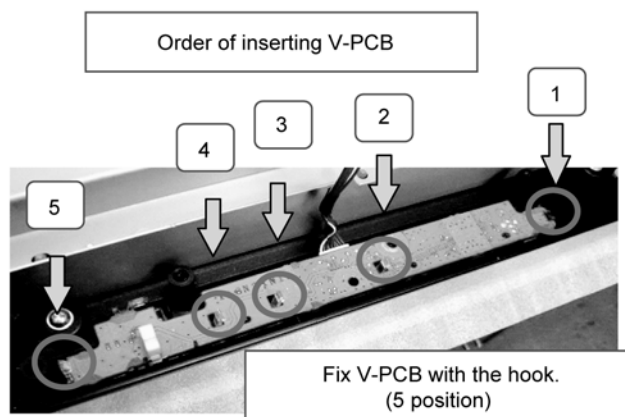
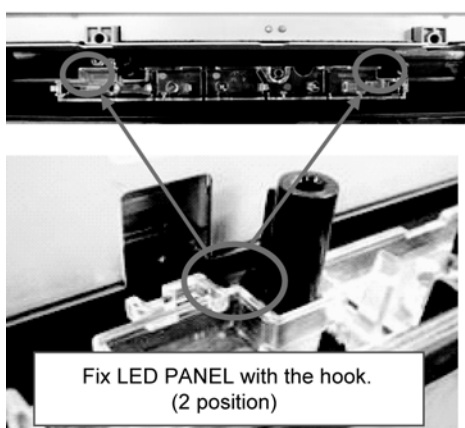
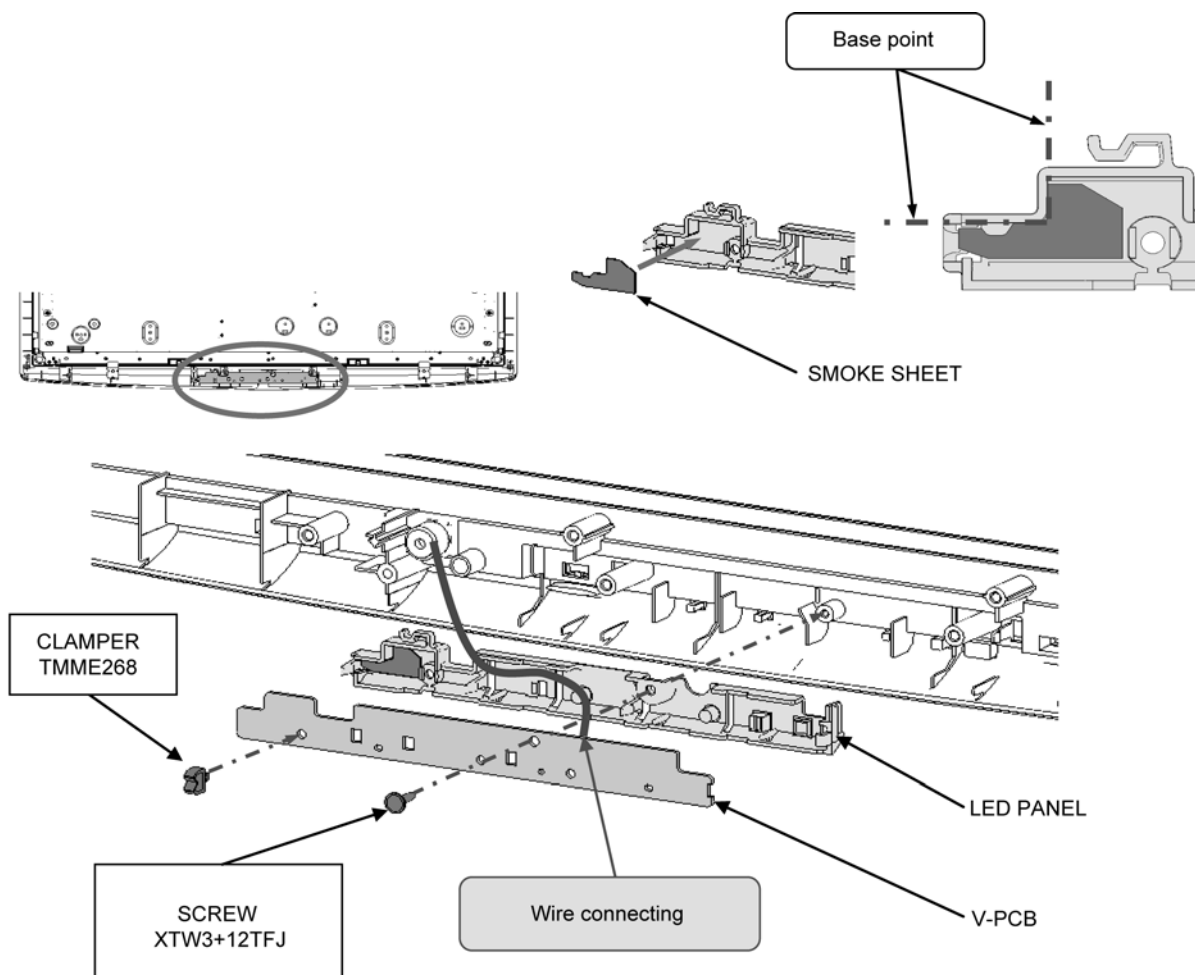


1. LCD BTM MTG on the LCD PANEL.
2. Fix LCD BTM MTG with SCREW.



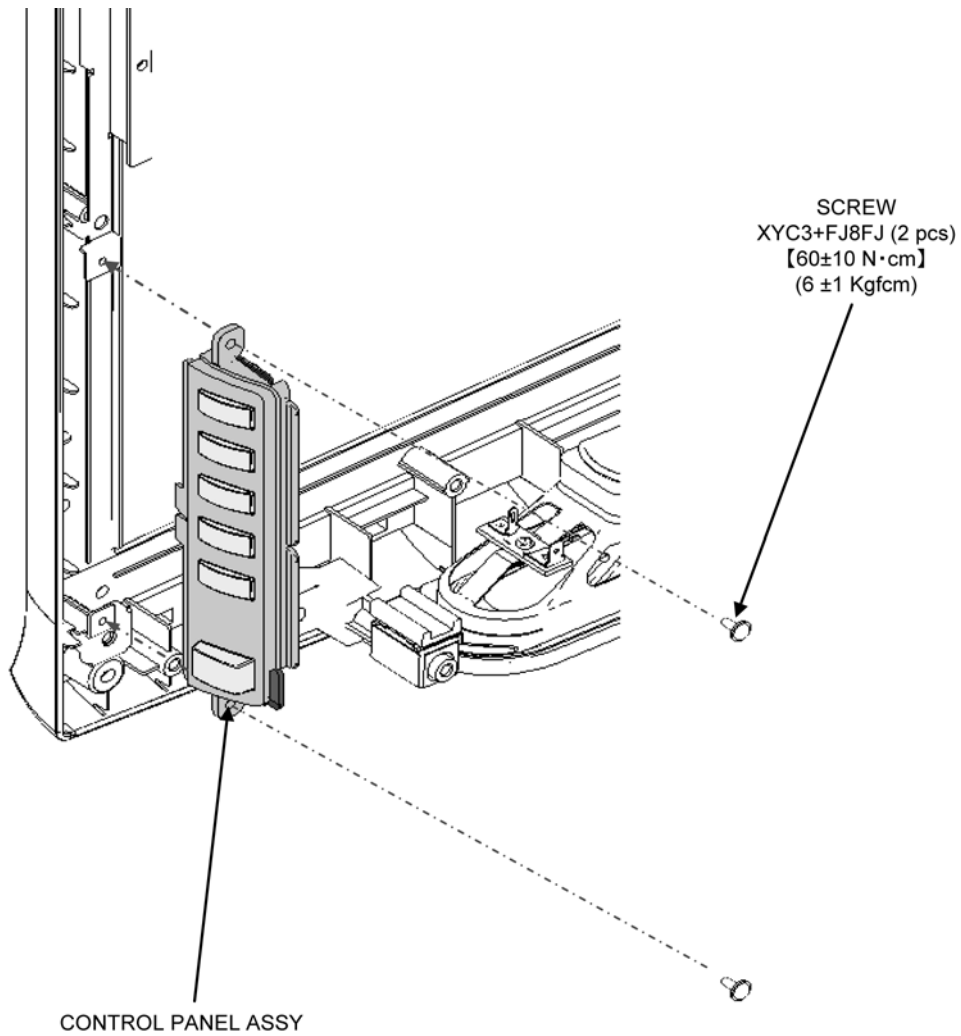
7.6. LED Panel Installation

1. Fix SMOKE SHEET on LED PANEL.
2. Fix LED PANEL on CABINET.
3. Wire connecting. (V10)
4. Put V-PCB on CABINET.
5. Fix them with SCREW.
6. Insert the CLAMPER.



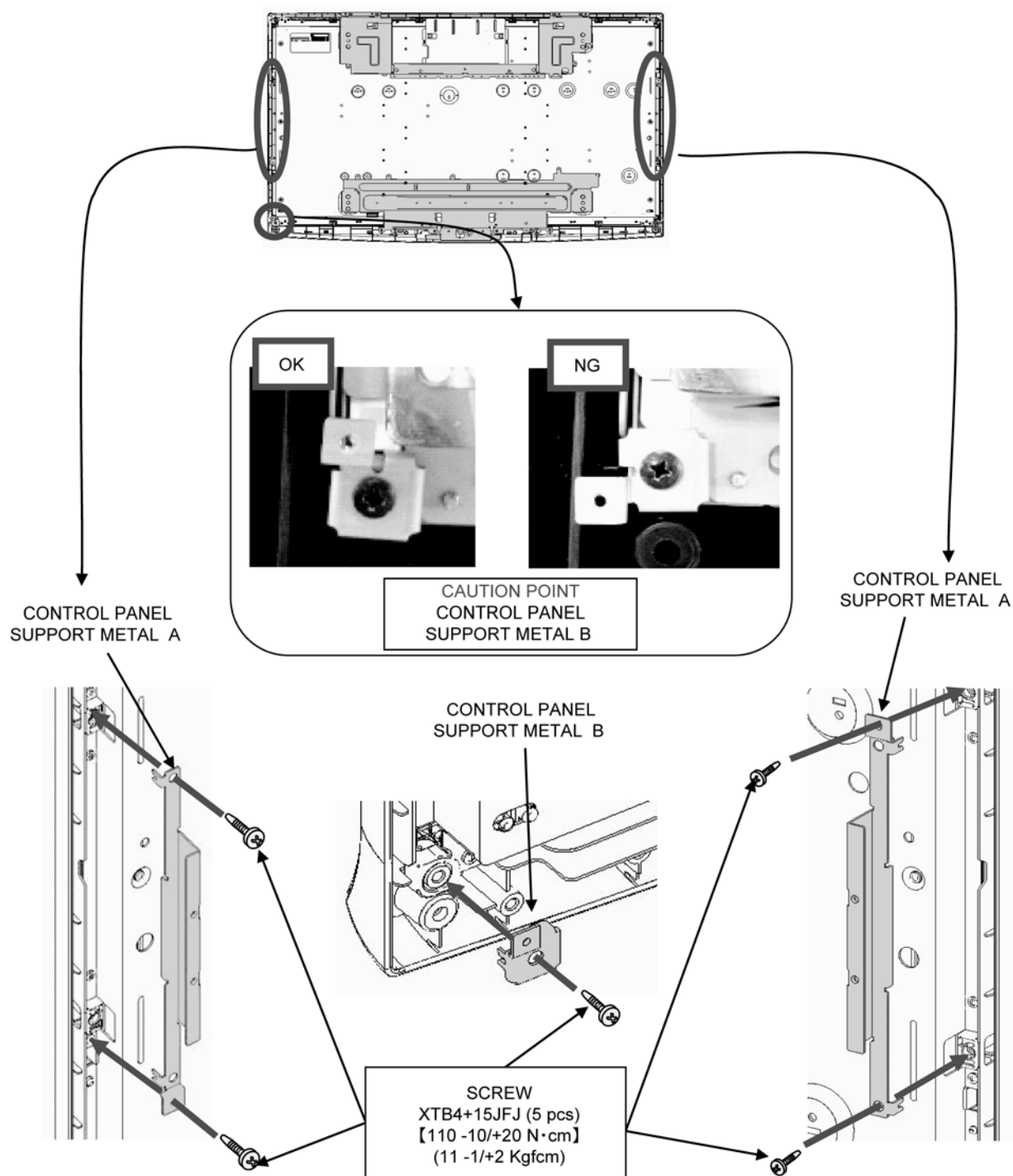
7.7. Control Panel Assembly Installation

1. Put CONTROL PANEL ASSY on the CABINET.
2. Fix the CONTROL PANEL with SCREWS.



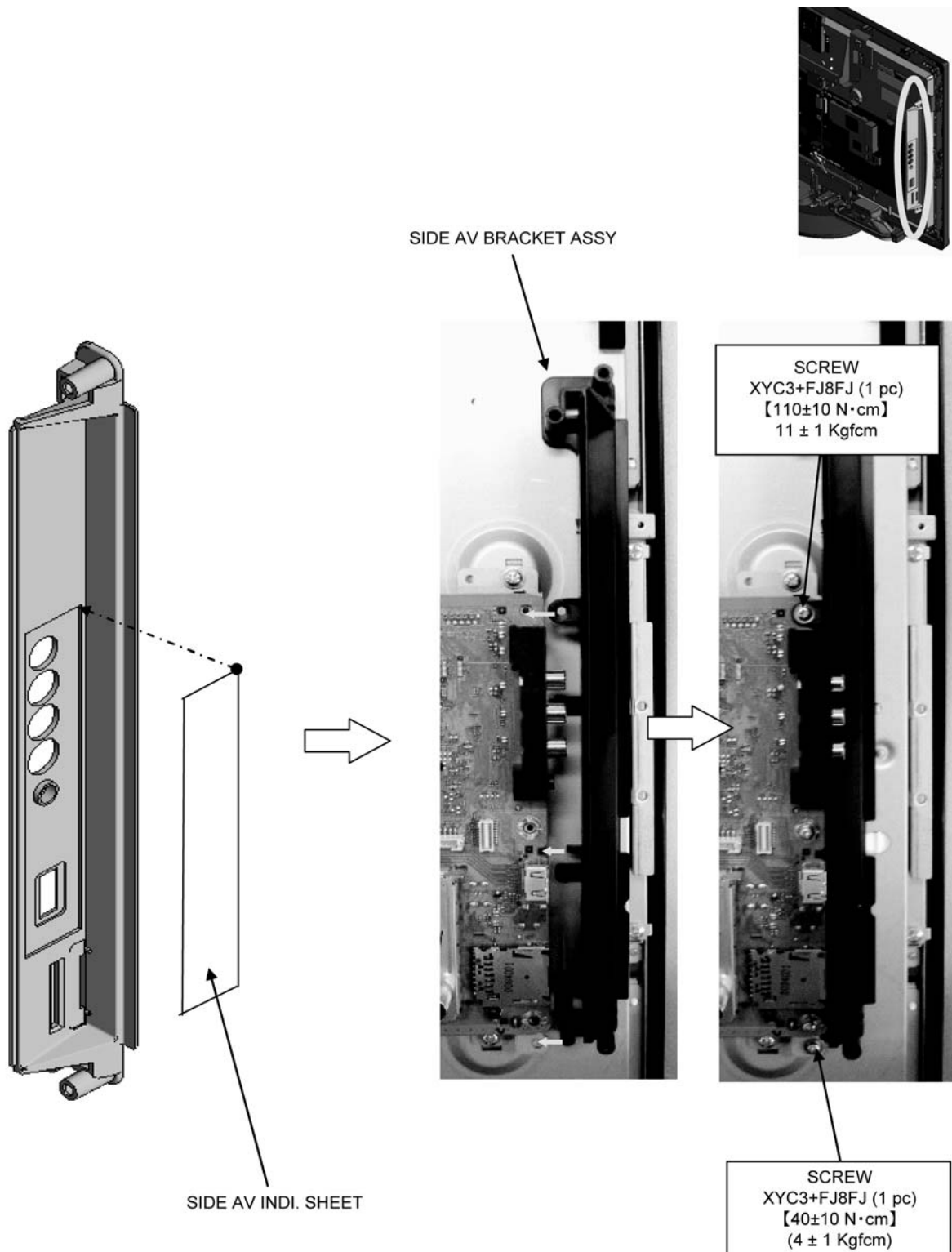
7.8. Control Panel Support Installation

1. Put CONTROL PANEL SUPPORT METAL A&B on the CABINET.
2. Fix them with SCREW.



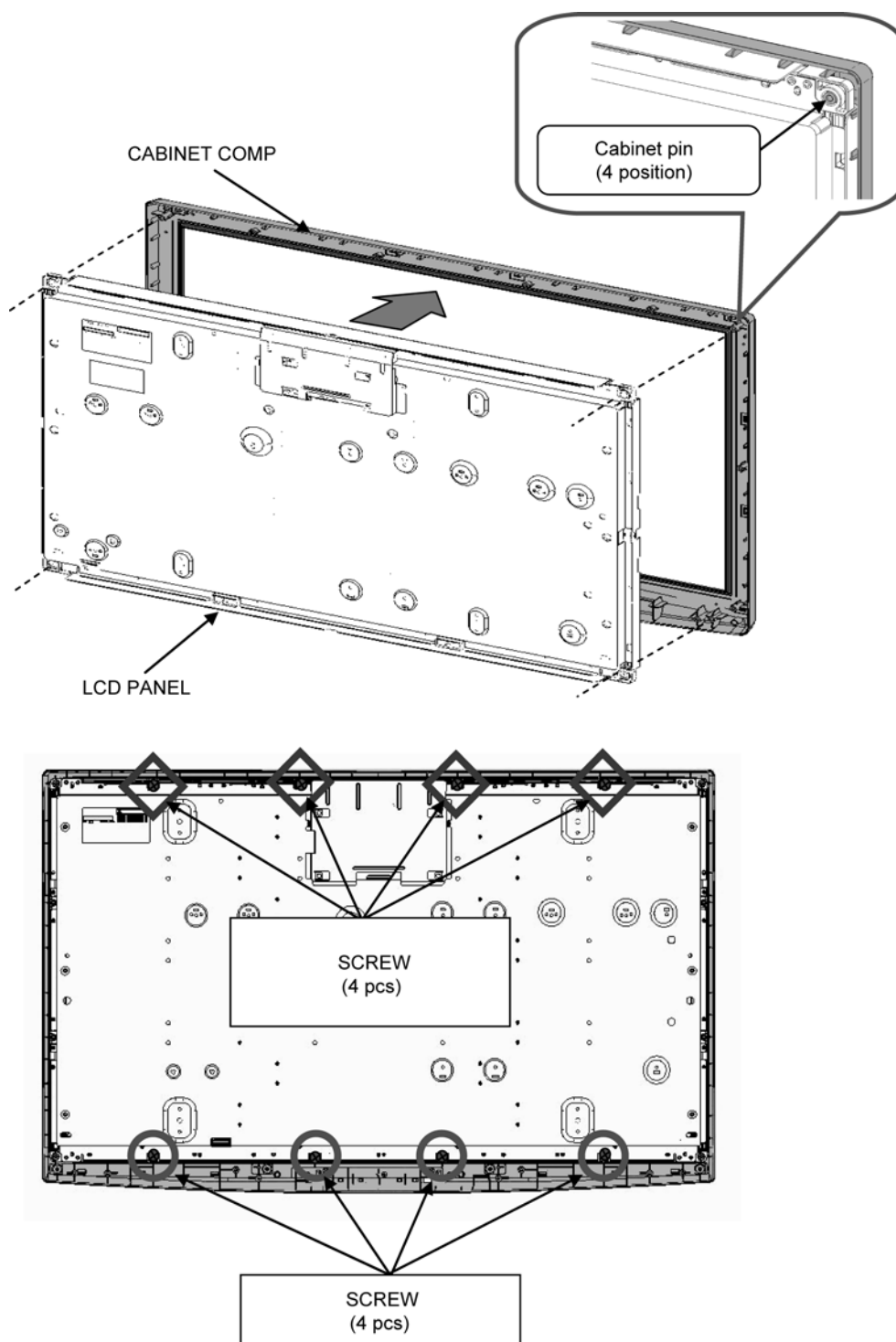
7.9. Side AV Bracket Installation

1. Stick the side av indi. Sheet on the side av bracket.
2. Insert the SIDE AV BRACKET from the side position of the A-PCB.
3. Fix the SCREW with A-PB-MTG METAL.



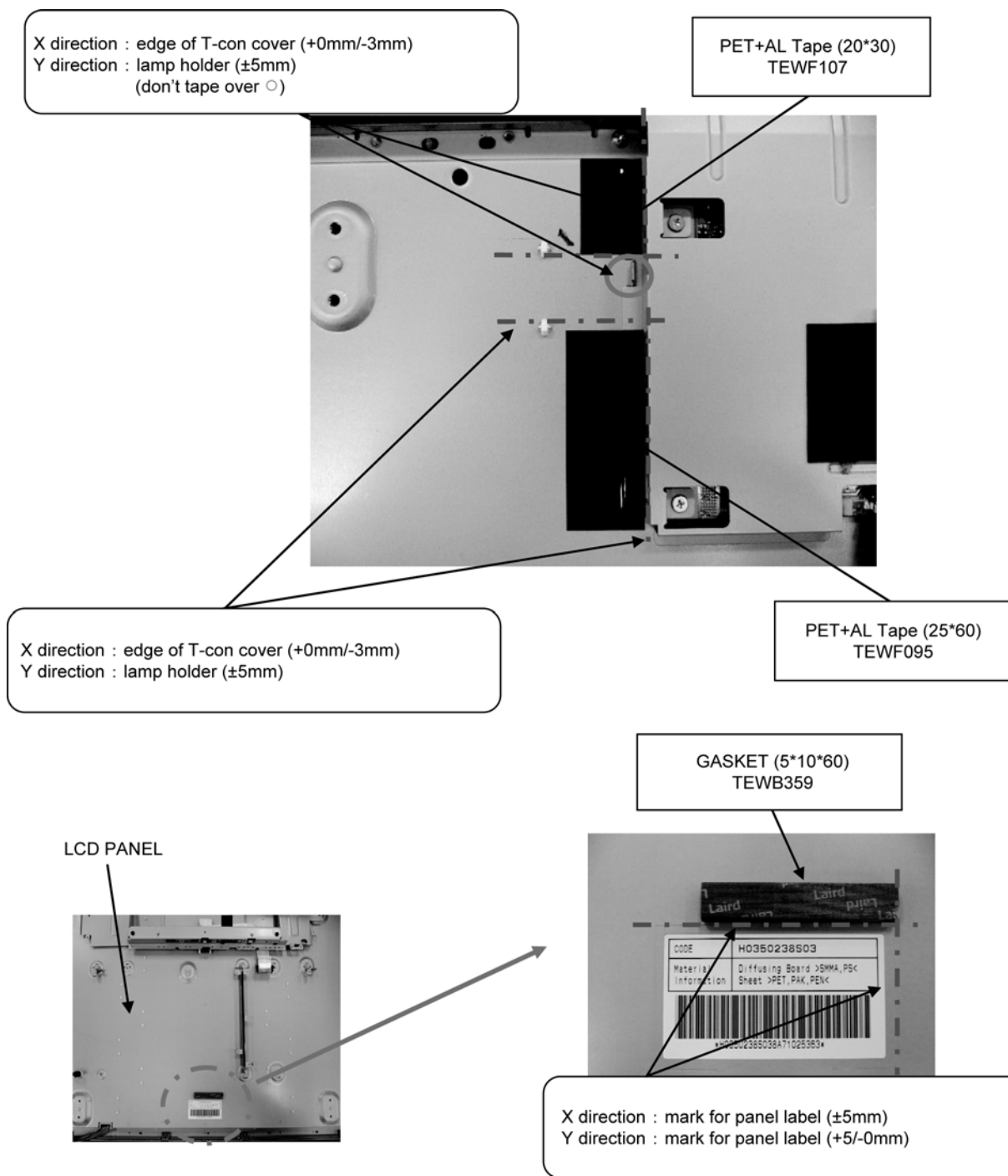
7.10. LCD Panel Installation

1. Put LCD PANEL on the CABINET.
2. Fix the LCD PANEL with SCREW.



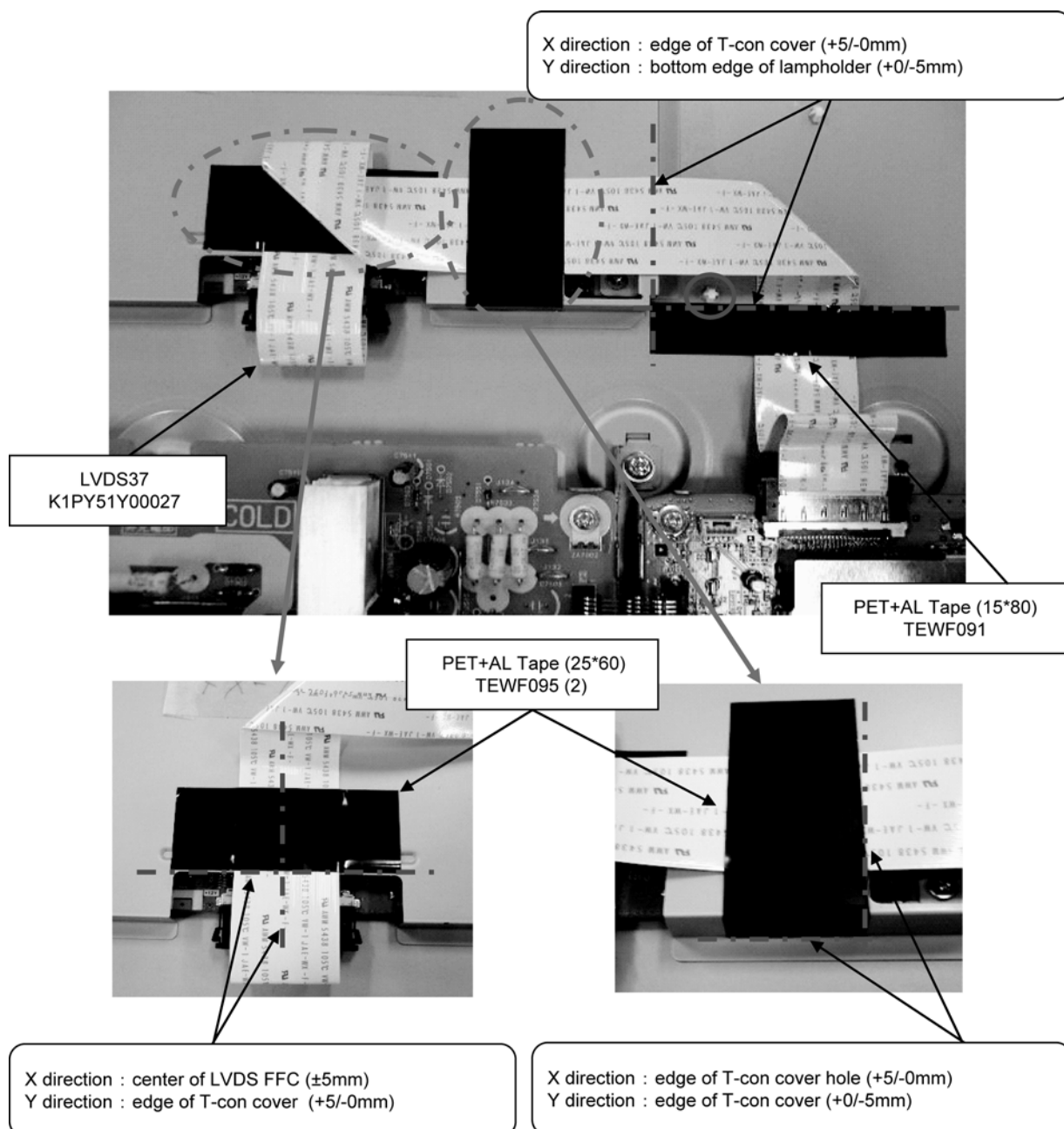
7.11. EMI Sticking - A

1. Stick the tape to T-con cover of LCD PANEL.
2. Stick the GASKET to LCD PANEL.



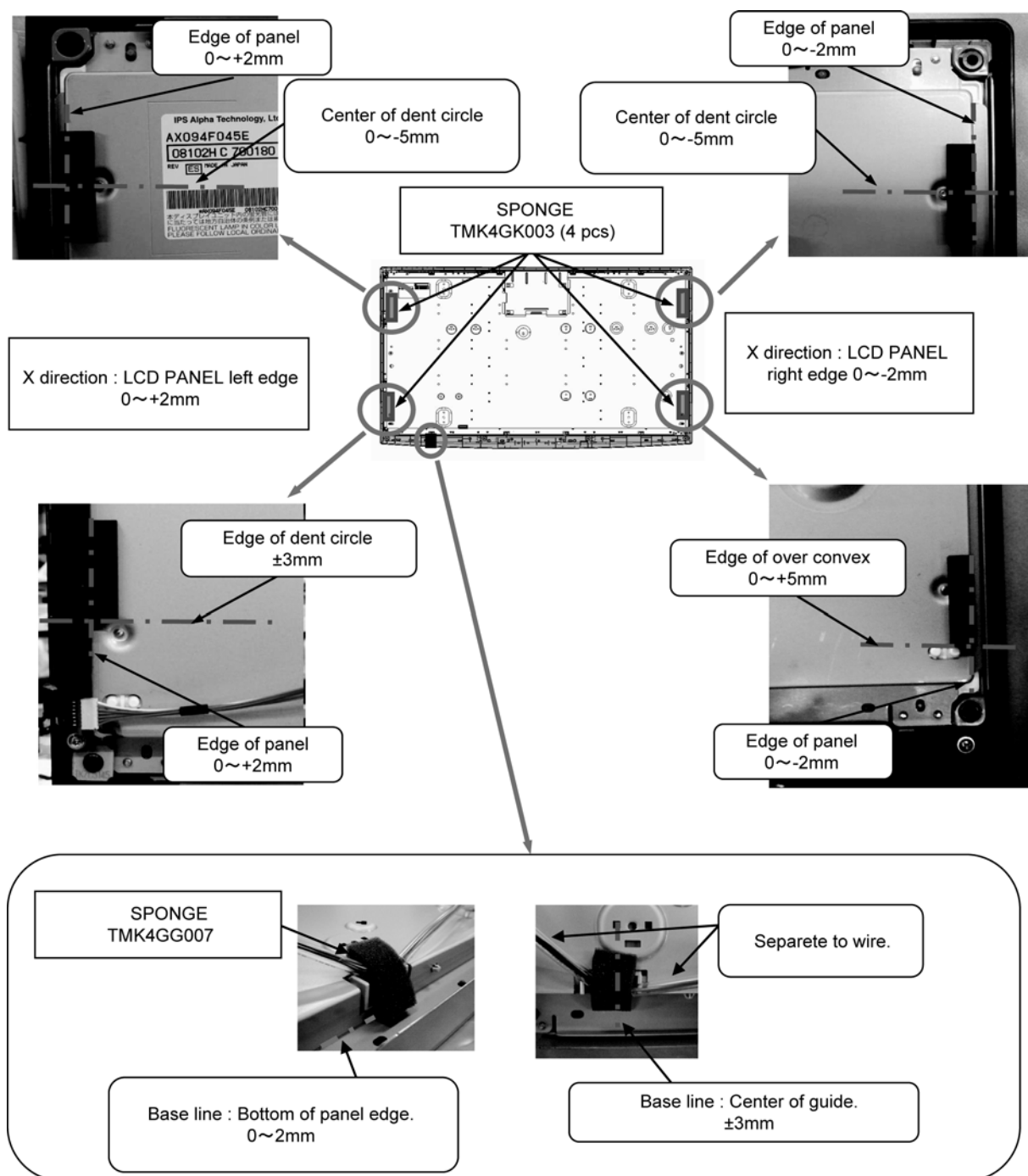
7.12. EMI Sticking - B

1. Remove dust of terminal of LVDS. (by ion blow)
2. Remove dust of terminal of T-con connector. (by ion blow)
3. Insert LVDS into T-con connector.
4. Stick the tape to fix LVDS.



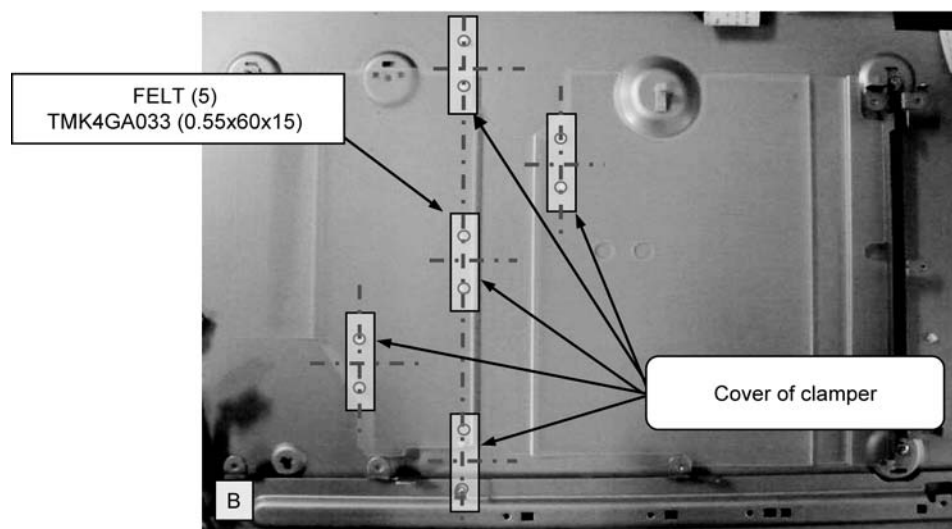
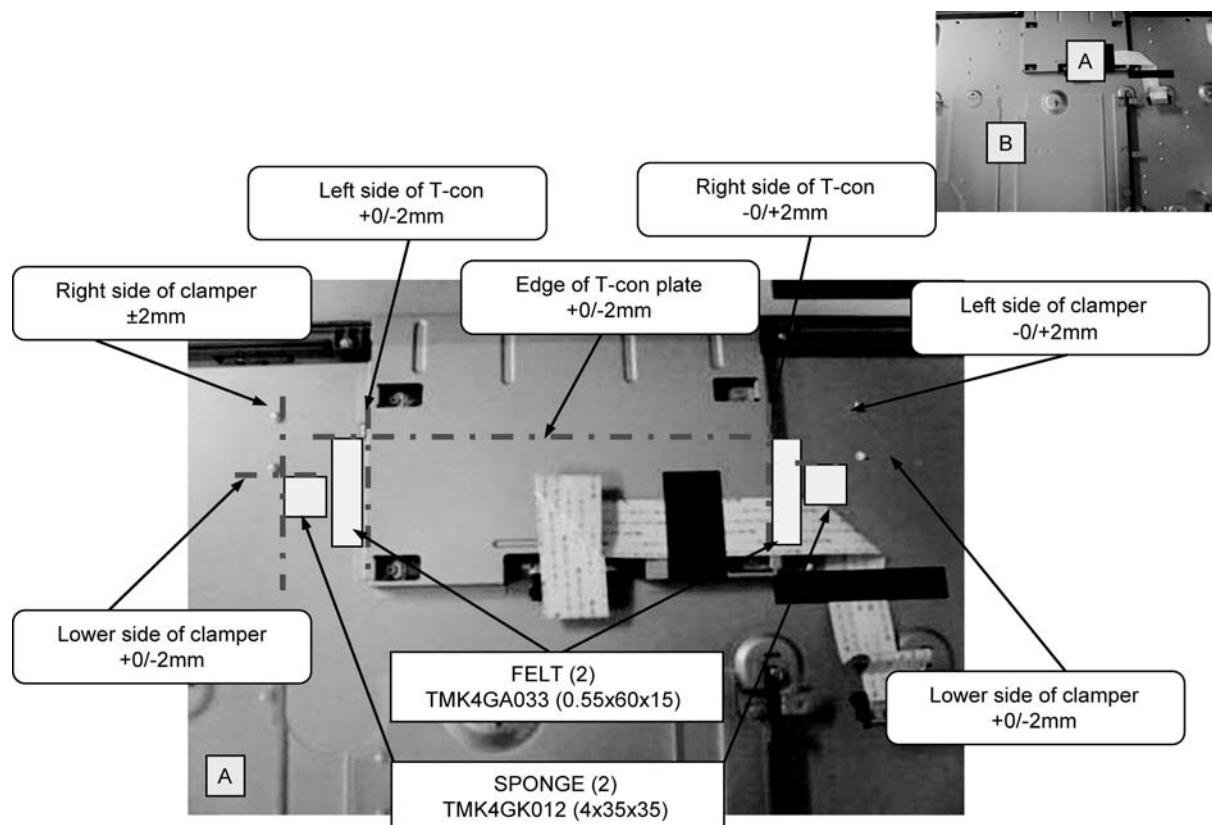
7.13. Sticking Sponge - A

1. Stick the SPONGE to LCD PANEL.



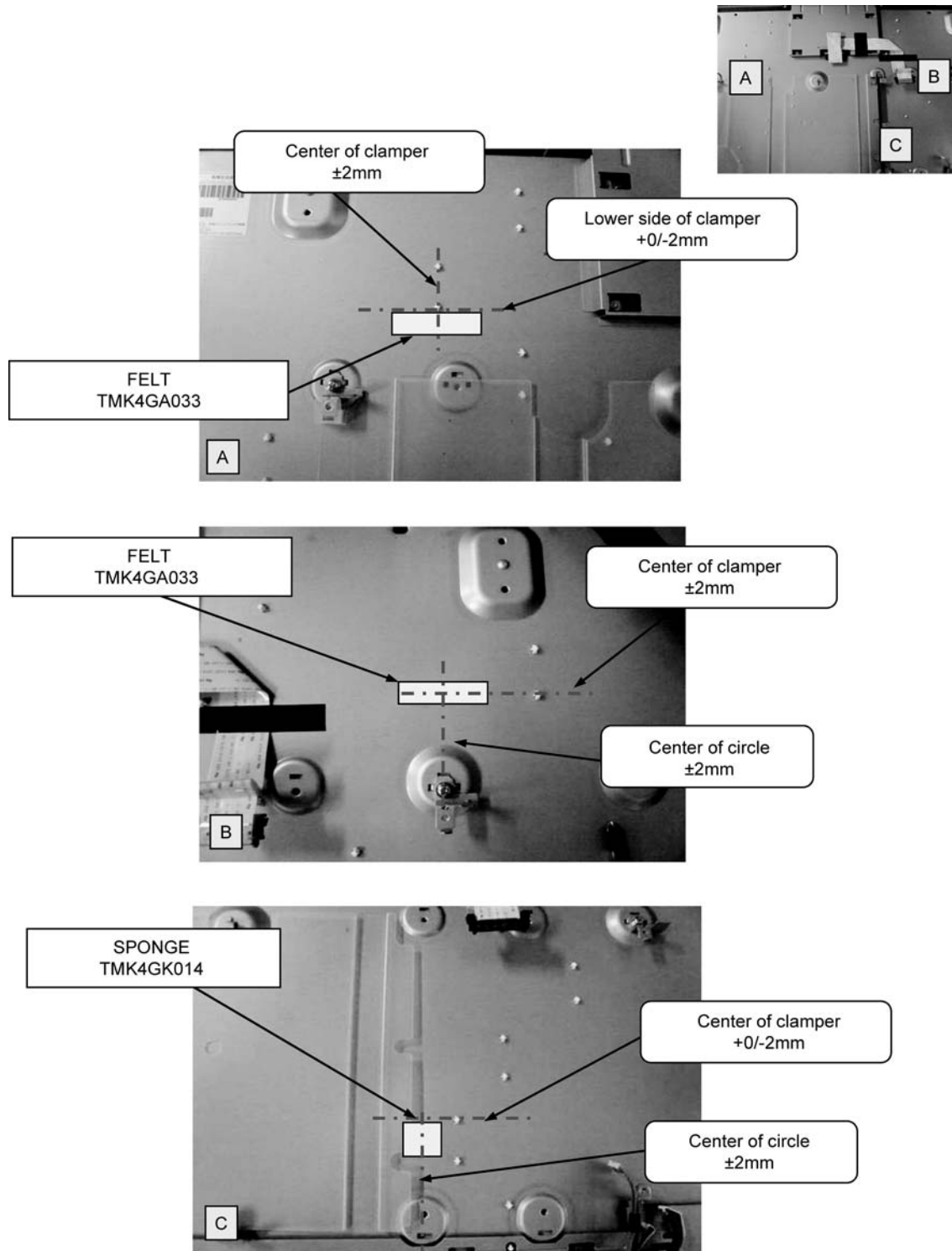
7.14. Sticking Felt And Sponge - B

1. Stick the SPONGE on the LCD PANEL.
2. Stick the FELT on the LCD PANEL.



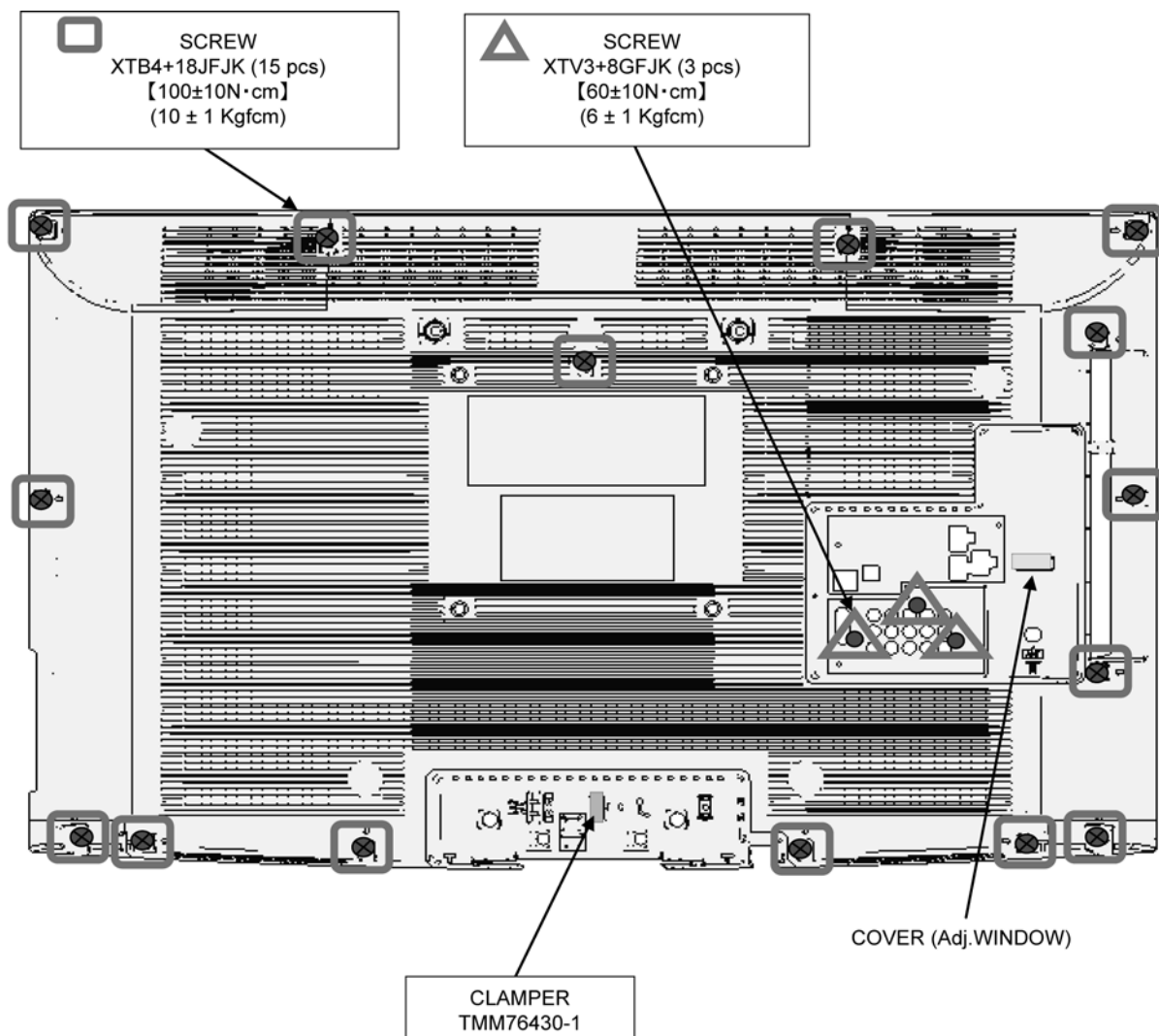
7.15. Sticking Felt And Sponge - C

1. Stick the SPONGE on the LCD PANEL.
2. Stick the FELT on the LCD PANEL.



7.16. Back Cover Screw

1. Fix the BACK COVER with SCREWS.
2. Insert COVER (Adj.window).
3. Insert the CLAMPER.



8 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.

8.1. 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.

8.2. 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.

8.3. 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.

9 Measurements and Adjustments

9.1. Voltage Chart of A Board

Power name	Test point	Specification
SUB1.8V	TP5601	1.76 - 1.87
SUB1.2V	TP5602	1.18 - 1.29
SUB3.3V	TP5600	3.19 - 3.39
SUB5V	TP5405	4.9 - 5.1
SUB9V	TP5409	8.82 - 9.27
PNL12V	TP5413	11.7 - 12.24
MAIN_SND_17V	TP5417	16.66 - 17.34
BT30V	TP5482	29.4 - 31.2

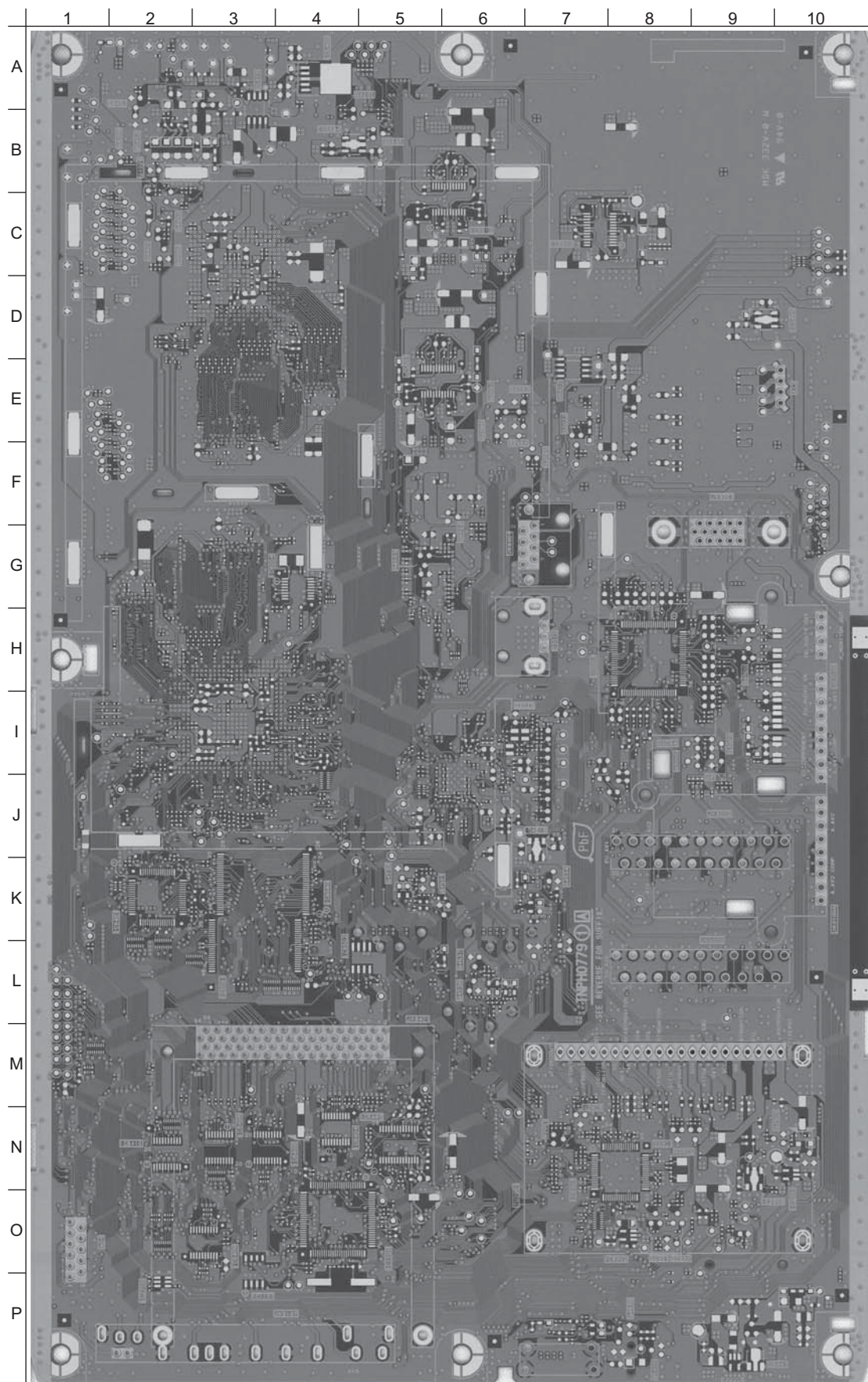
9.2. Voltage Chart of P Board

Power Supply name	Measurement Point	Normal condition (V)	Normal condition (V)
SOUND_VCC	TP862 / TP866	15.5 - 18.5V	< 3.0
DTV_12V	TP865 / TP867	11.4 - 12.6	< 2.0
TUNER5.6V	TP853	5.0 - 6.0V	5.0 - 6.0V
5VS	TP853	5.0 - 6.0V	5.0 - 6.0V
DC390V	TP801	390 - 410V	NO CARE

10 Printed Circuit Board

10.1. A-Board

A-Board (A Side)
TNPA0779

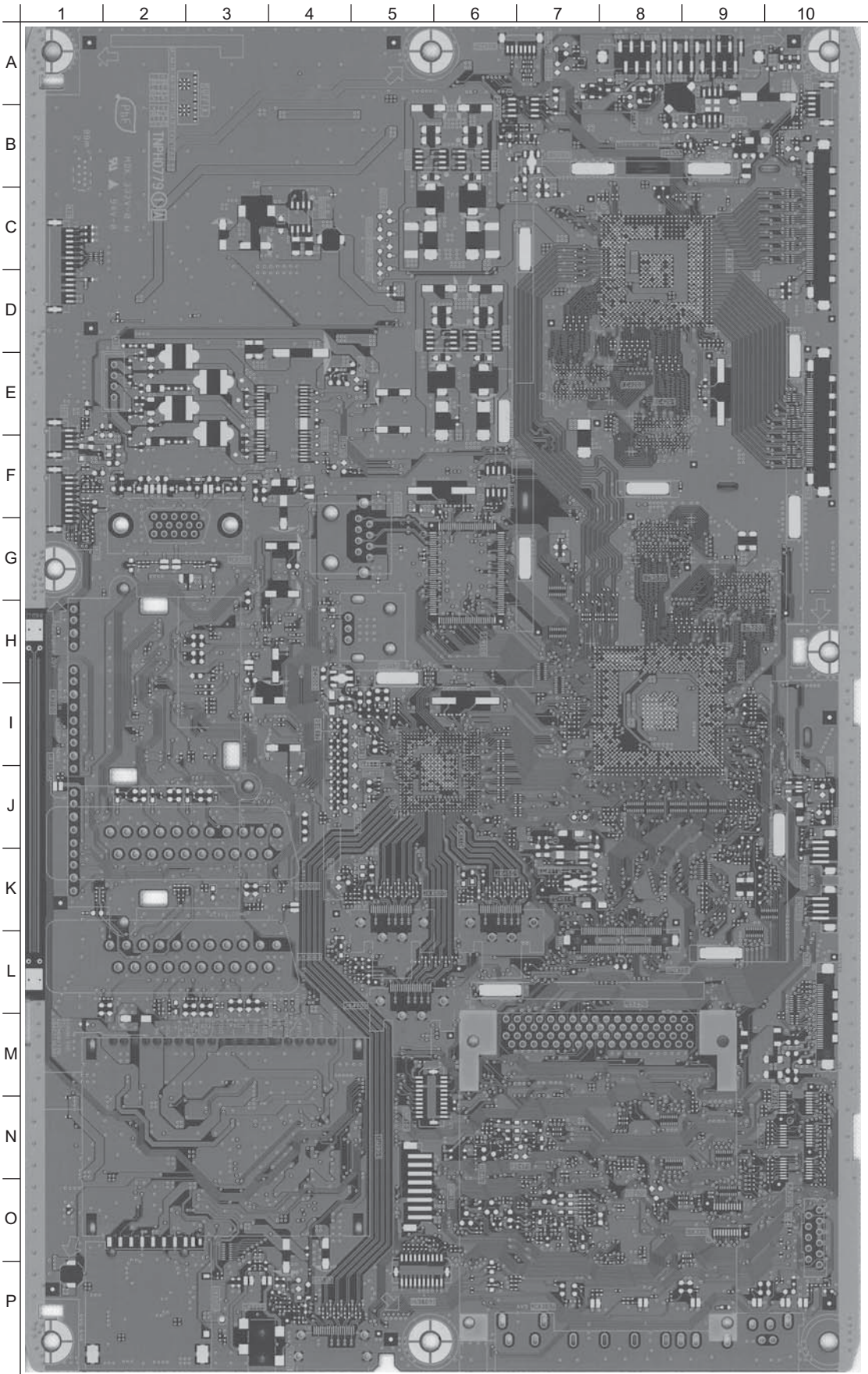


Parts Location

Ref. No	Location		Ref. No	Location		Ref. No	Location		Ref. No	Location
IC1100	O4		IC5405	A4		IC5601	E5		IC8408	N3
IC1101	P3		IC5409	D9		IC8004	G4		IC8409	O3
IC2750	P2		IC5441	P9		IC8301	N8		IC8410	N2
IC2901	N10		IC5480	N5		IC8302	O8		IC8502	L4
IC2902	N9		IC5512	C6		IC8401	K2		IC8580	K4
IC3001	H8		IC5534	B4		IC8404	N4		IC8581	L3
IC4513	J7		IC5600	C7		IC8405	N3			

10.2. A-Board

A-Board (B Side)
TNPA0779

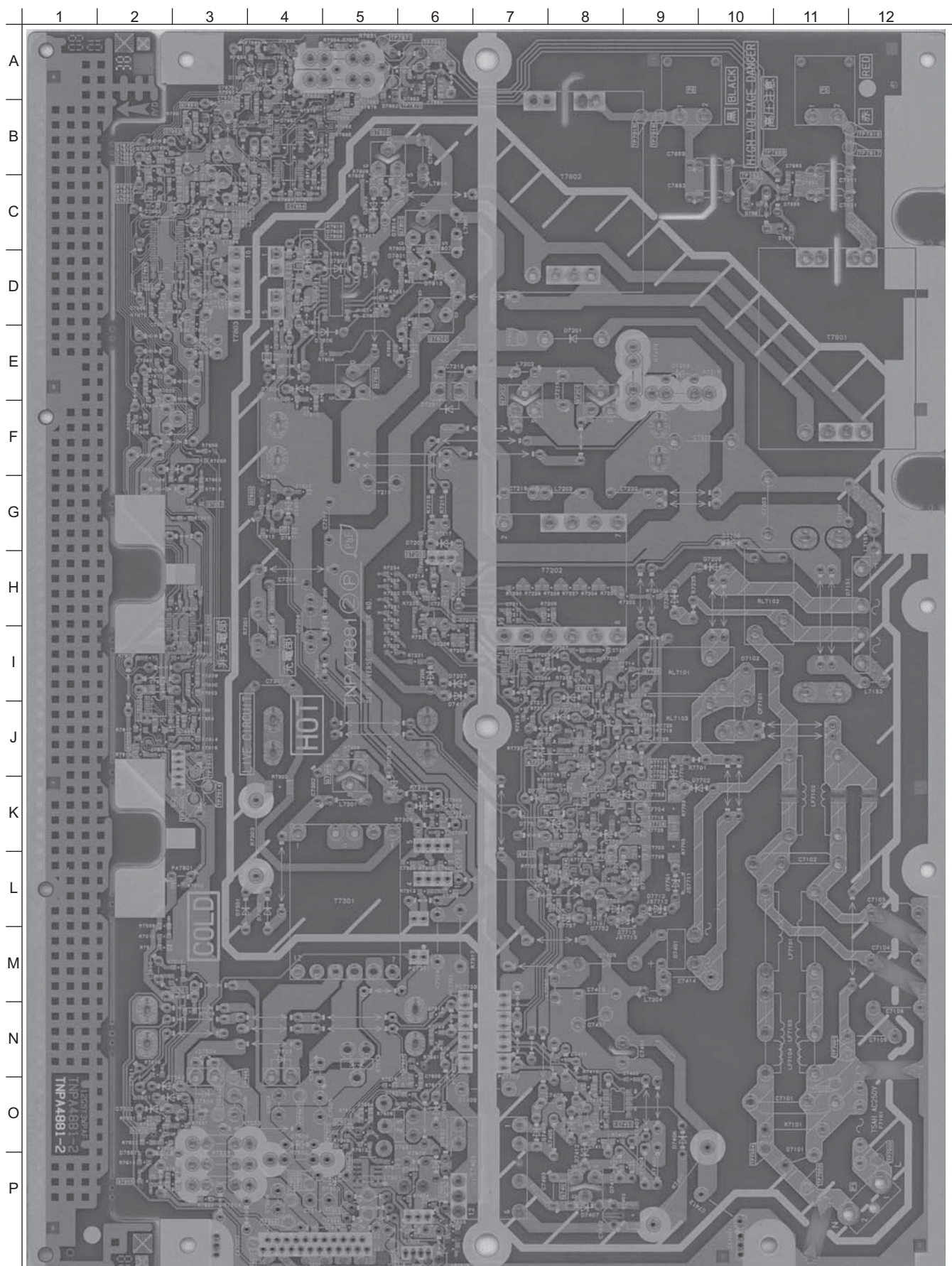


Parts Location

Ref. No	Location		Ref. No	Location		Ref. No	Location		Ref. No	Location
IC2008	H4		IC4511	K7		IC8303	N10		D3015	H5
IC2301	F4		IC4512	K7		IC8304	N10			
IC4200	D8		IC5451	B9		IC8305	N10			
IC4201	E8		IC5533	B7		IC8403	J10			
IC4202	E8		IC8001	I8		IC8411	O9			
IC4203	B6		IC8002	G8		IC8503	G6			
IC4510	J6		IC8003	H9		IC8504	F6			

10.3. P-Board

P-Board (A Side)
TNPA4881

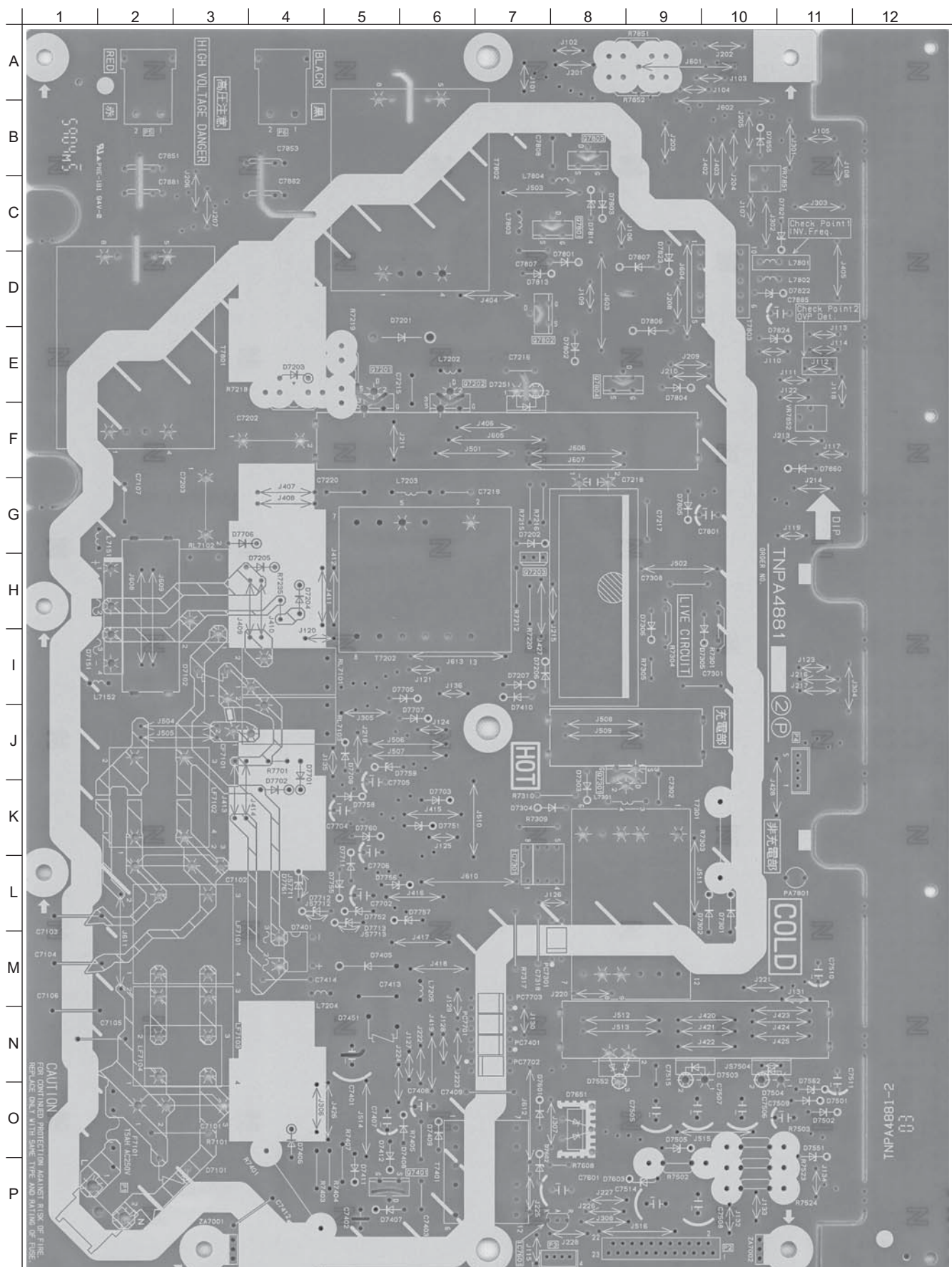


Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC7201	I7	D7101	O11	D7504	O3	D7761	L9
IC7301	L6	D7102	I10	D7505	O4	D7801	D6
IC7401	O8	D7151	H12	D7551	P2	D7802	E6
IC7601	P6	D7201	E8	D7552	N5	D7803	C5
IC7801	D5	D7202	G6	D7562	O2	D7804	E4
IC7851	D2	D7203	E9	D7601	O6	D7805	G4
IC7852	J2	D7204	H9	D7602	P6	D7806	E5
IC7853	B4	D7205	H10	D7603	P5	D7807	D5
IC7854	C4	D7206	I6	D7651	O5	D7809	C5
IC7855	I3	D7207	I6	D7701	J9	D7810	E4
		D7251	E6	D7702	K9	D7813	D6
		D7301	L3	D7703	K8	D7814	C5
		D7302	L4	D7704	L8	D7821	C3
		D7303	K5	D7705	I8	D7822	D3
		D7304	K6	D7706	G10	D7823	D4
		D7306	I4	D7707	J8	D7824	E3
		D7401	M9	D7708	J9	D7851	C11
		D7405	M8	D7709	J9	D7852	B5
		D7406	O9	D7711	L8	D7853	C11
		D7407	P8	D7712	L9	D7854	A6
		D7408	O8	D7713	L8	D7855	B3
		D7409	O7	D7751	K8	D7856	B3
		D7410	I6	D7752	L8	D7857	B4
		D7411	P8	D7755	L8	D7858	A4
		D7412	O8	D7756	L8	D7859	A3
		D7451	N8	D7757	L8	D7860	F3
		D7501	O2	D7758	K9	D7861	C10
		D7502	O2	D7759	J8	D7862	A6
		D7503	N4	D7760	K8	D7871	G4

10.4. P-Board

P-Board (B Side)
TNPA4881



Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC7301	L7	D7101	P3	D7412	O6	D7751	K6
IC7601	P7	D7102	I3	D7451	N5	D7752	L5
		D7151	I1	D7501	O11	D7755	L5
		D7201	E5	D7502	O11	D7756	L5
		D7202	G7	D7503	N9	D7757	L6
		D7203	E4	D7504	N10	D7758	K5
		D7204	H4	D7505	O9	D7759	J5
		D7205	I7	D7551	O11	D7760	K5
		D7206	I7	D7552	N8	D7761	L4
		D7207	I7	D7562	O11	D7801	D8
		D7251	E7	D7601	O7	D7802	E8
		D7301	L10	D7602	P7	D7803	C8
		D7302	L10	D7603	P9	D7804	E9
		D7303	K8	D7651	O8	D7805	G9
		D7304	K8	D7701	J4	D7806	E9
		D7305	H10	D7702	K4	D7807	D9
		D7306	H9	D7703	K6	D7813	D7
		D7401	L4	D7705	I5	D7814	C8
		D7405	M5	D7706	G3	D7821	C11
		D7406	O4	D7707	J5	D7822	D10
		D7407	P5	D7708	J5	D7823	D9
		D7408	O6	D7711	L5	D7824	E10
		D7409	O6	D7712	L4	D7855	B10
		D7410	I7	D7713	L5	D7860	F11
		D7411	P5				

11 Schematic Diagram

11.1. Schematic Diagram Notes

Important Safety Notice

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

Notes :

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 μ 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 using DC voltmeter.

Conditions of the measurement are the following :

Power Source.....AC AUTO 110-240 V, 50/60 Hz

Receiving Signal.....Colour Bar signal (RF)

All customer's controls.....Maximum positions

7. Number in red circle indicates waveform number.

(See waveform pattern table)

8. When an arrow mark () is found, connection is easily found from the direction of the arrow.

9. Indicates the major signal flow: Video Audio

10. 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.

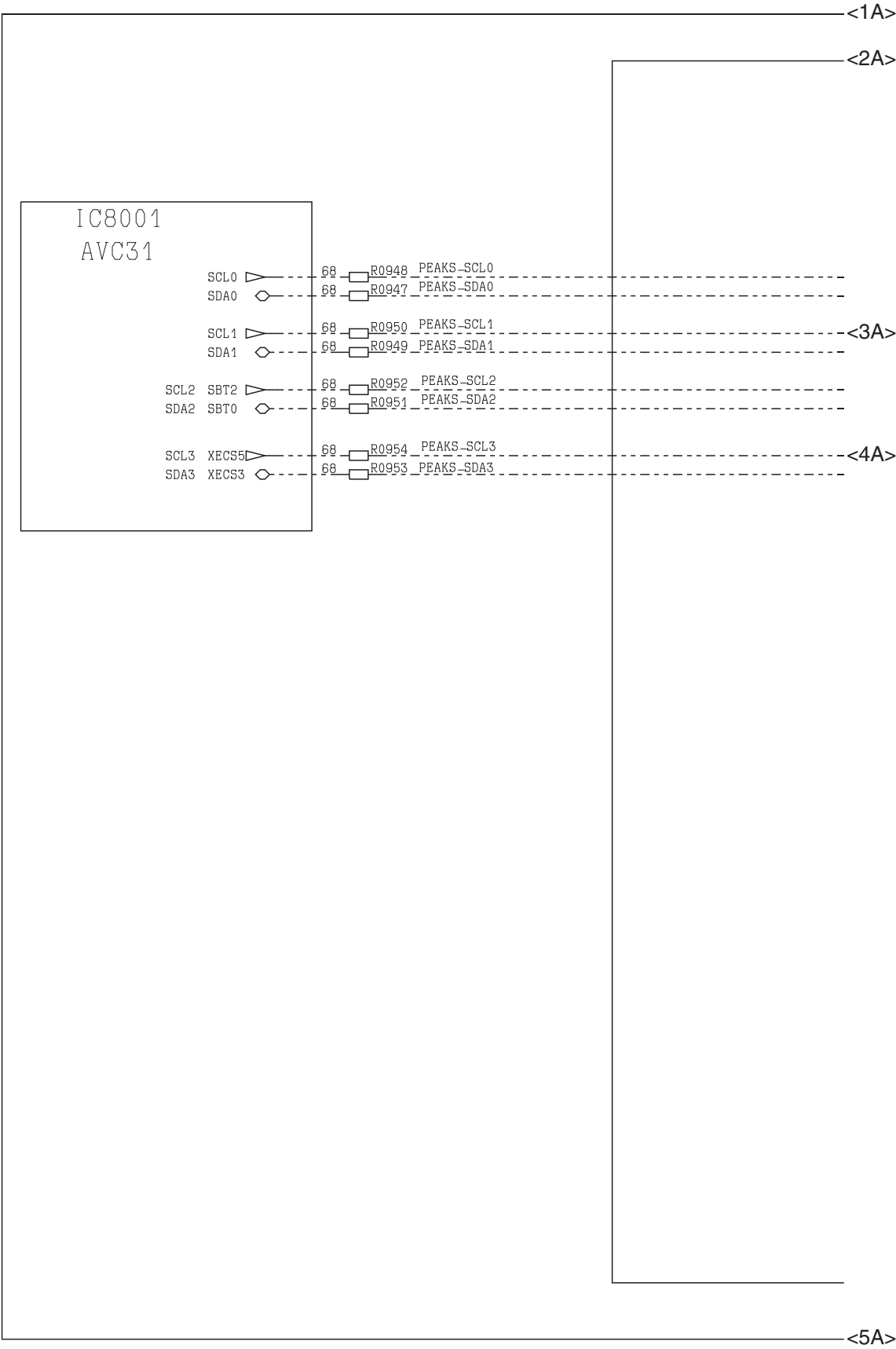
c. Do not connect an instrument such as an oscilloscope to the hot and cold circuits simultaneously or a fuse may blow.

Connect the earth of instruments to the earth connection of the circuit being measured.

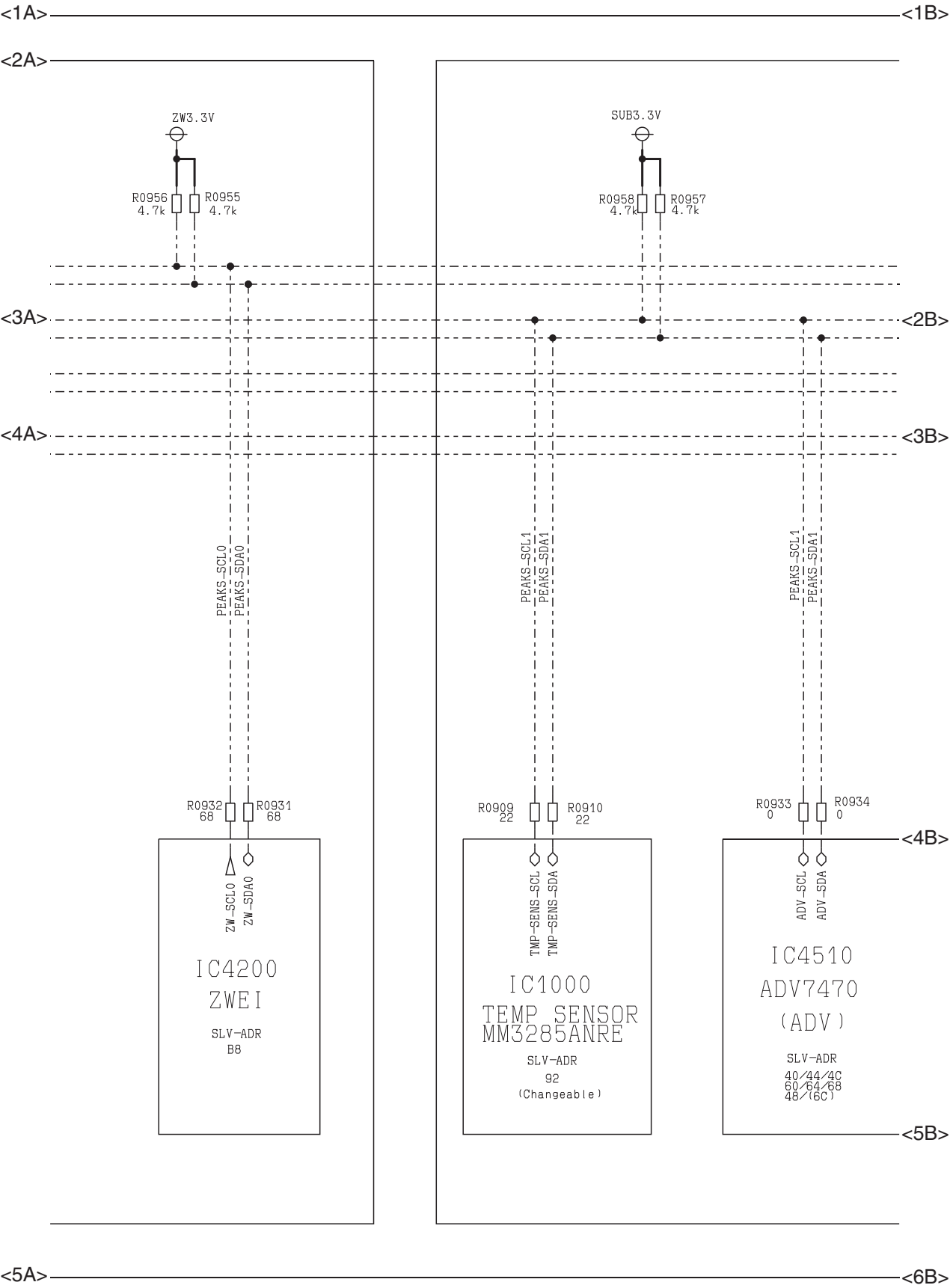
d. Make sure to disconnect the power plug before removing the chassis.

11.2. A Board

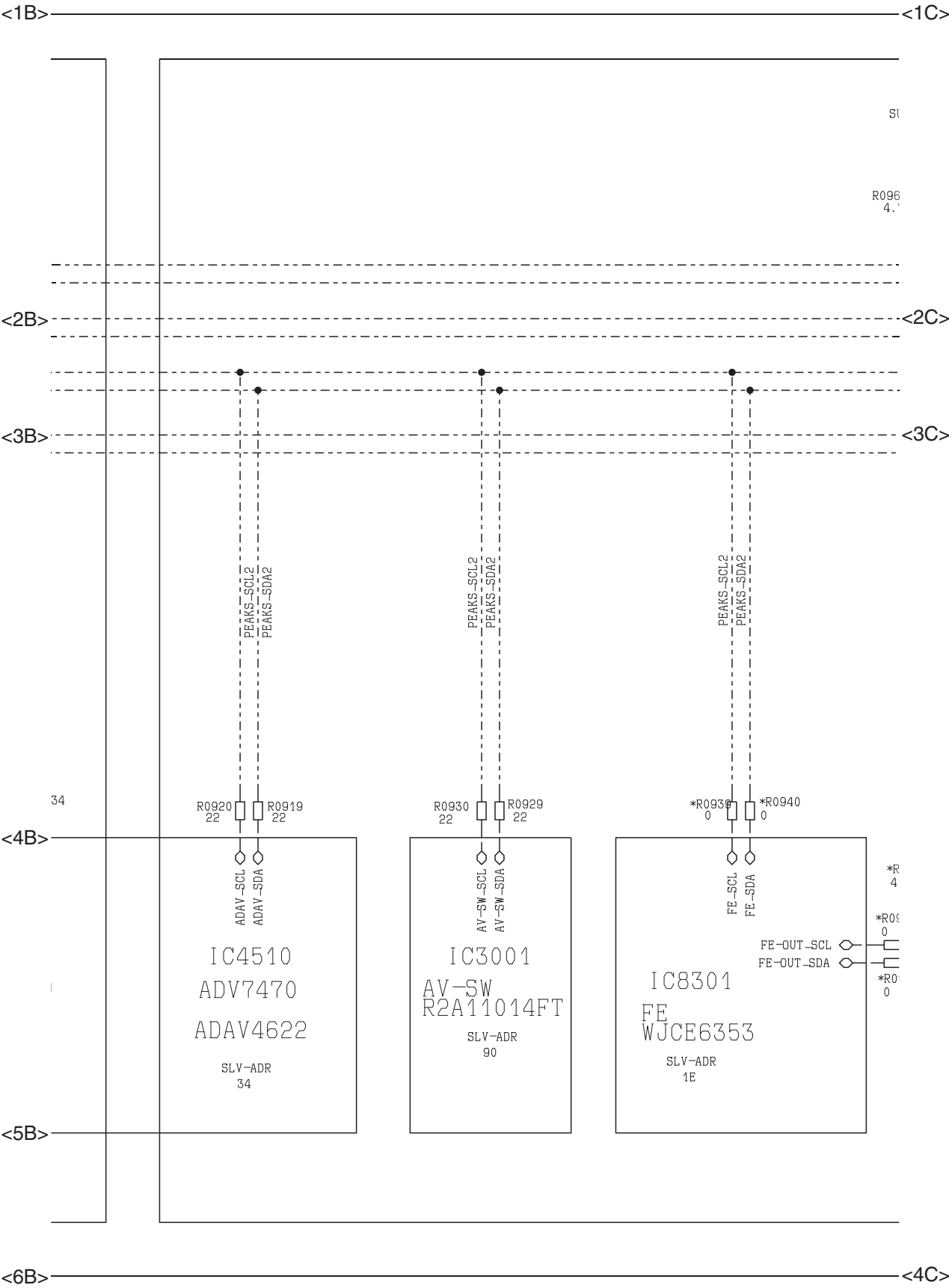
11.2.1. A Board - Sheet : 001 (1 / 9)



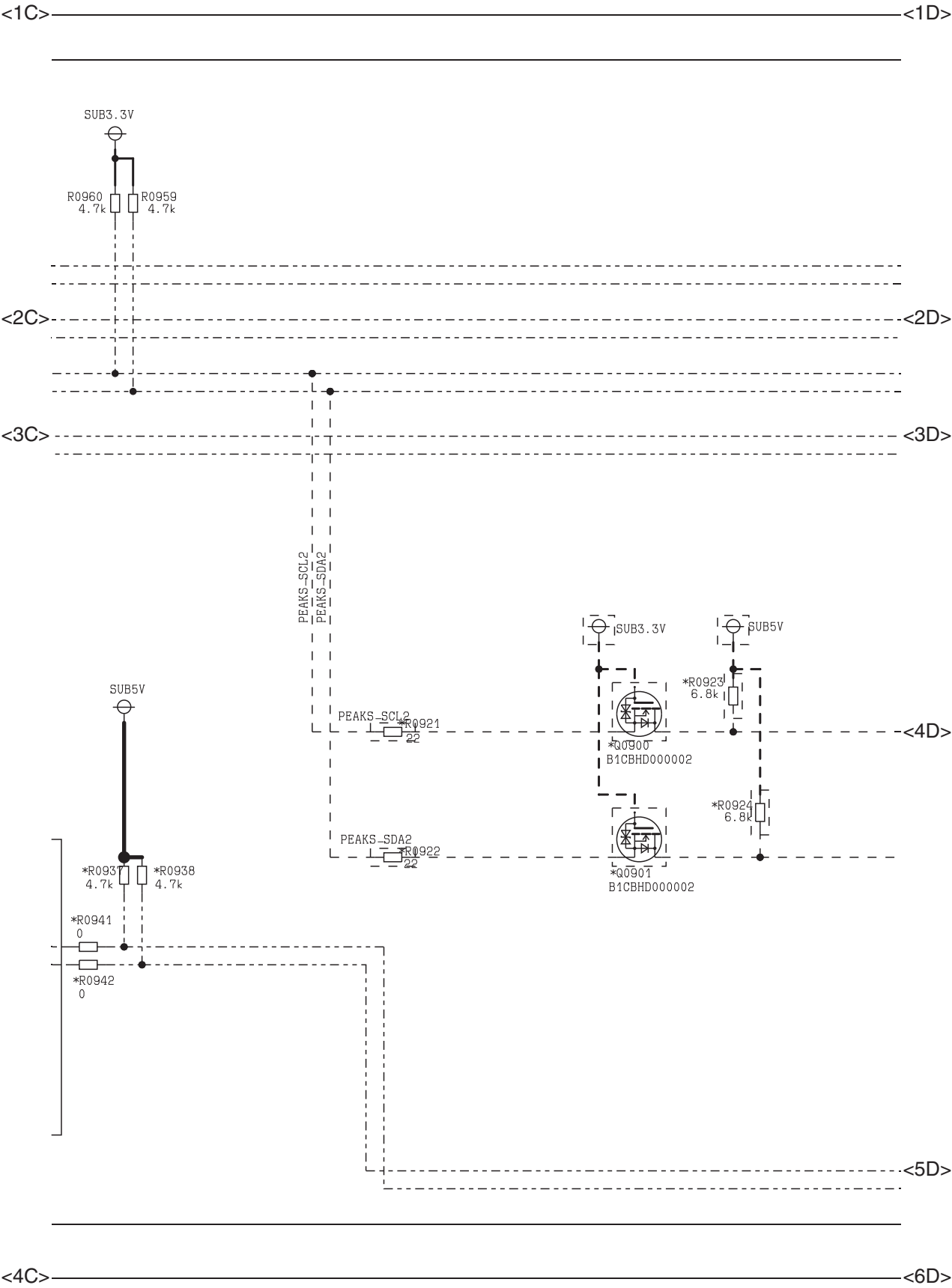
11.2.2. A Board - Sheet : 001 (2 / 9)



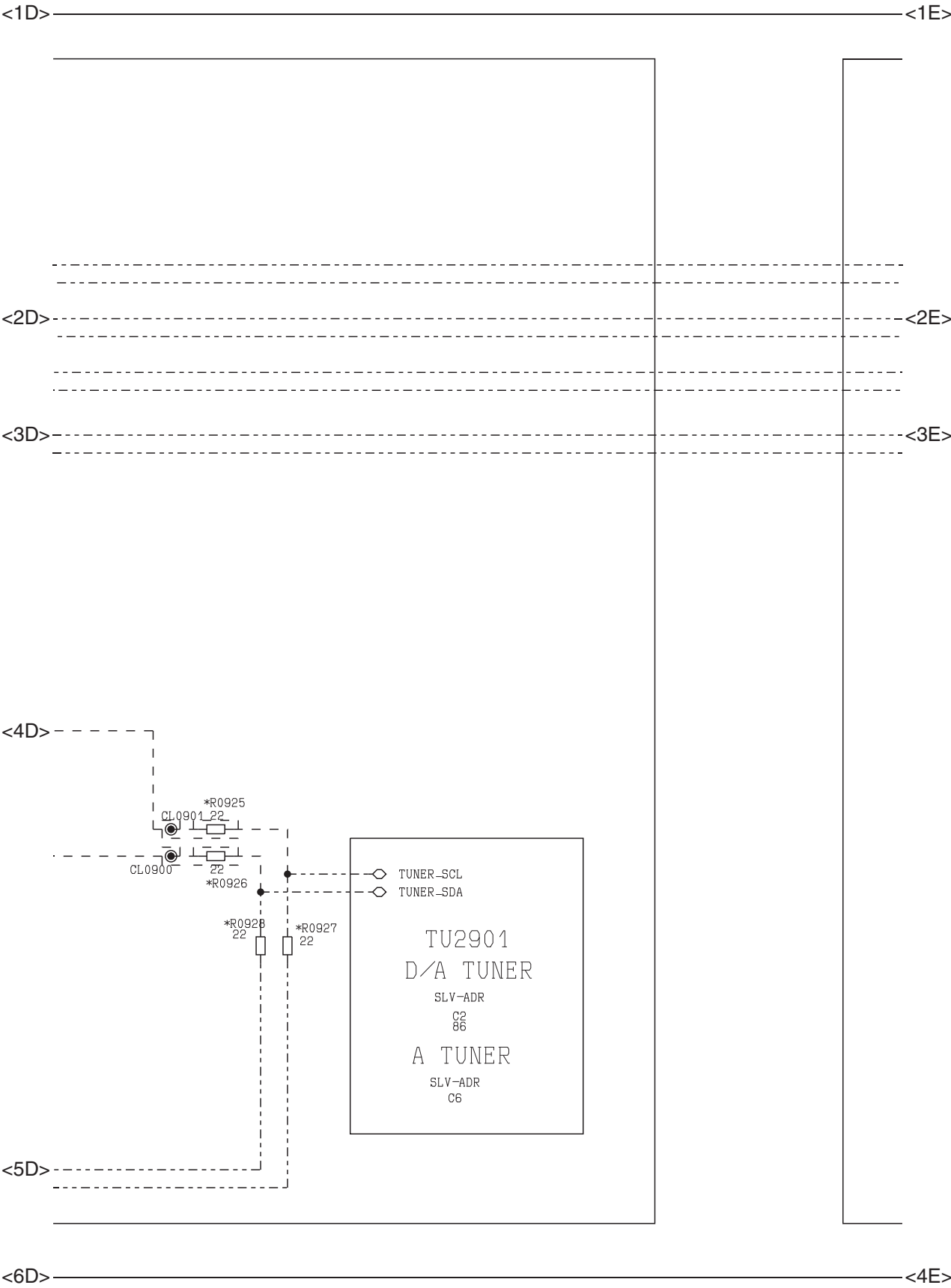
11.2.3. A Board - Sheet : 001 (3 / 9)



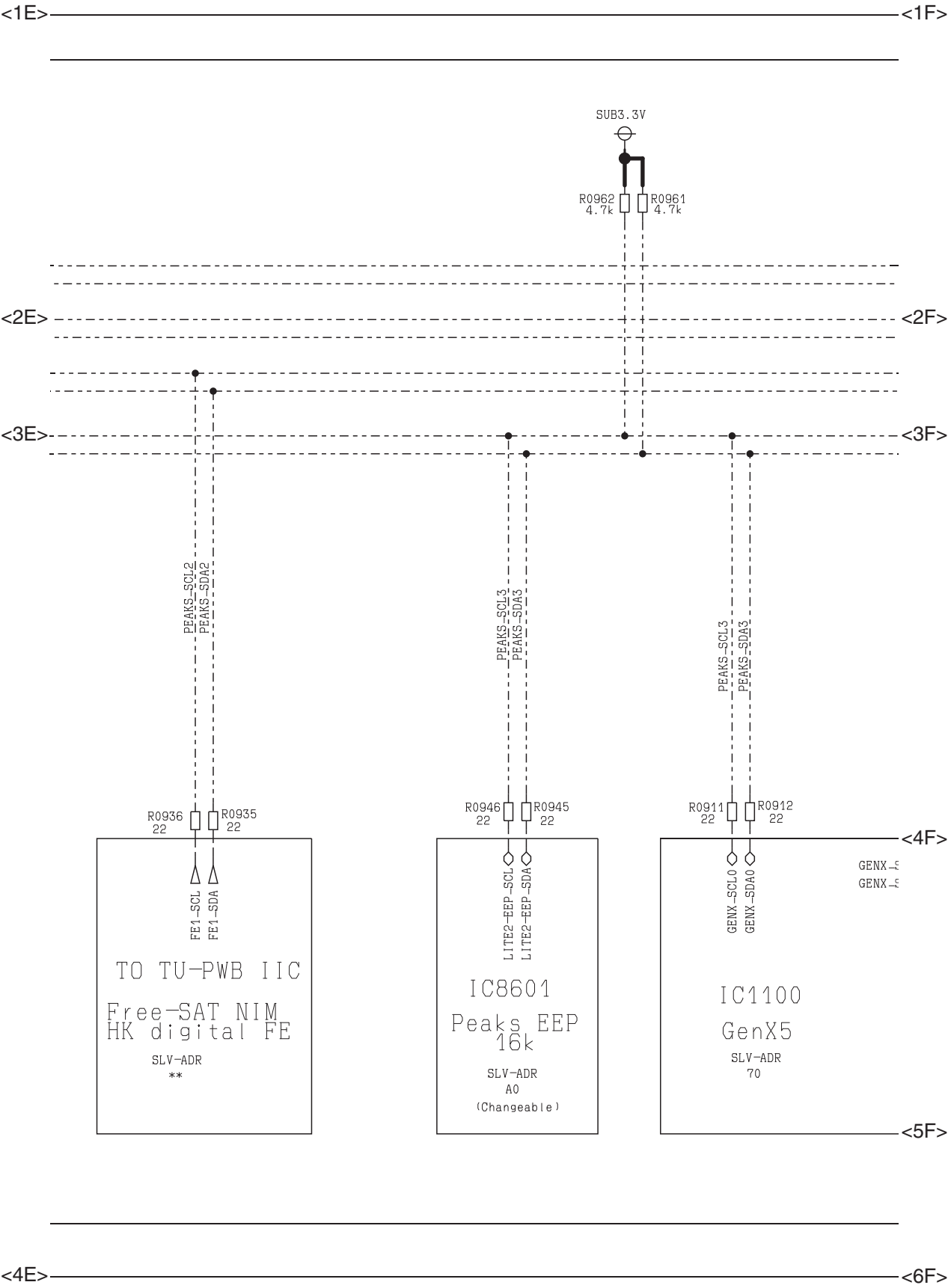
11.2.4. A Board - Sheet : 001 (4 / 9)



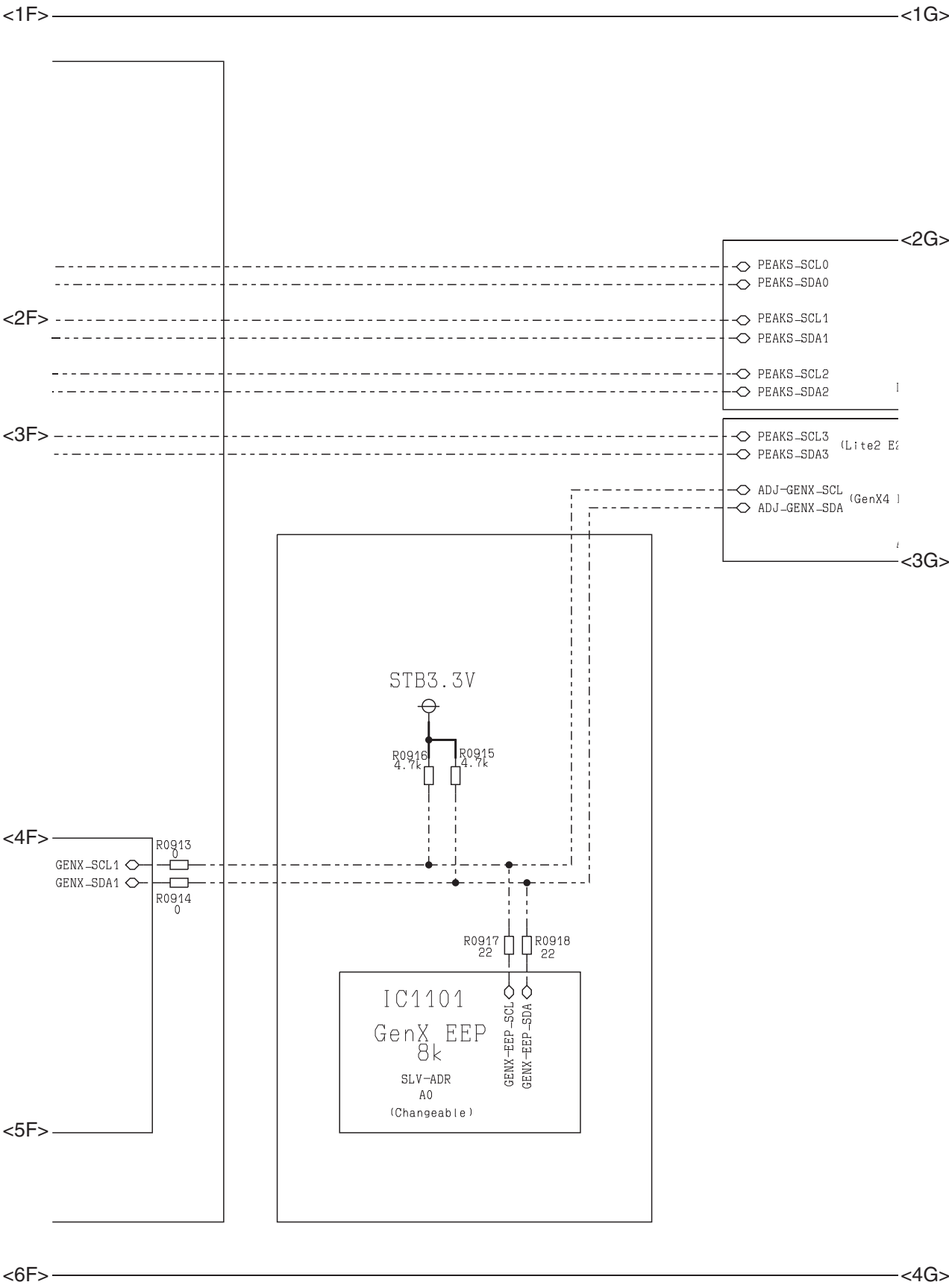
11.2.5. A Board - Sheet : 001 (5 / 9)



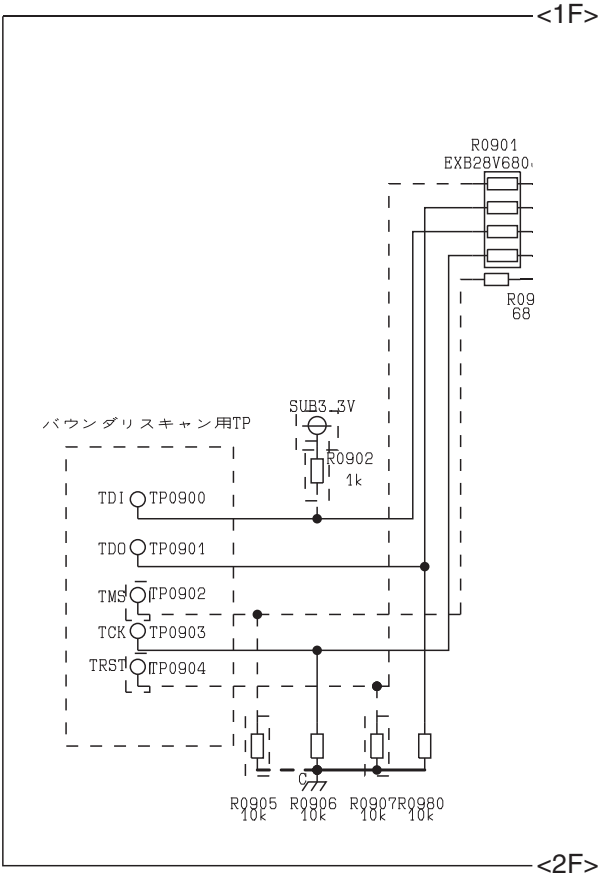
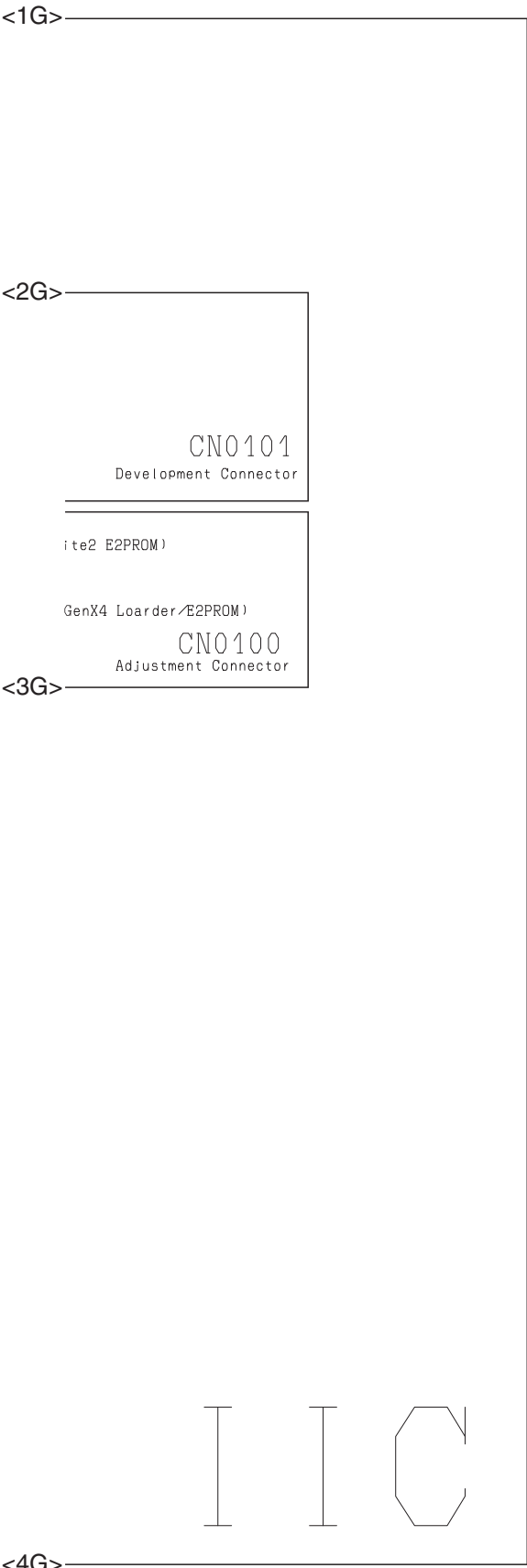
11.2.6. A Board - Sheet : 001 (6 / 9)



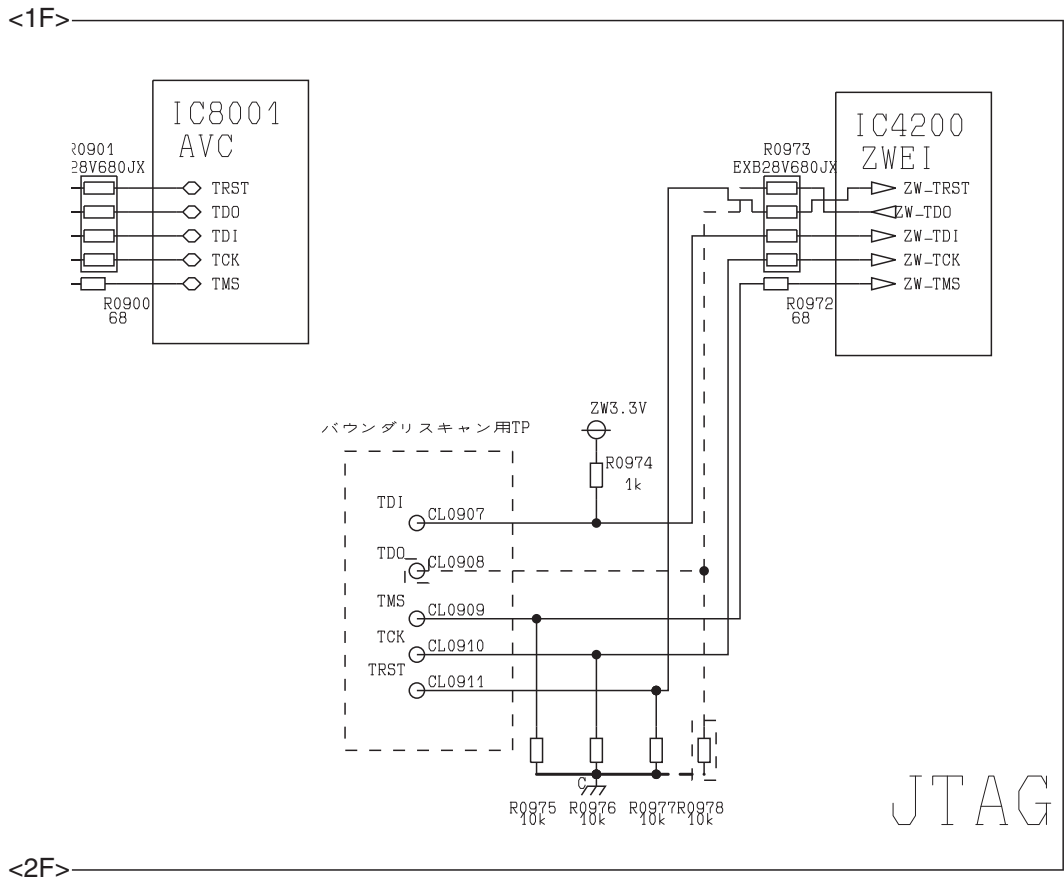
11.2.7. A Board - Sheet : 001 (7 / 9)



11.2.8. A Board - Sheet : 001 (8 / 9)



11.2.9. A Board - Sheet : 001 (9 / 9)



11.2.12. A Board - Sheet : 002 (3 / 4)

POD.C1 1/F

XECSE $\triangleleft$ IC8001 AH2 XECSE XPC0E2
 XEKDMRO $\triangleleft$ IC8001 AE5 XEKDMRO XPD0E
 XEKDMRO $\triangleleft$ IC8001 AF4 XEKDMRO XPDWE

SMTSEL1 $\triangleleft$ IC8001 AB11 SMTSEL1 XPD10WR
 SMTOMD1 $\triangleleft$ IC8001 AK10 SMTOMD1 XPD10RO
 SMTSTO1 $\triangleleft$ IC8001 AF12 SMTSTO1 XE0A
 SMTDO $\triangleleft$ IC8001 AF11 SMTDO XPDWT
 SMTOMD0 $\triangleleft$ IC8001 AK11 SMTOMD0 XPD0C1
 SMTSEL0 $\triangleleft$ IC8001 AE12 SMTSEL0 XPD0C2

COMMON PORT .etc

CH1PSYNC $\triangleleft$ IC8001 AH12 CH1PSYNC PWM1
 CH1CLK $\triangleleft$ IC8001 AK12 CH1CLK PWM2

SUBOOT AUDCLK $\triangleleft$ IC8001 M28 AUDCLK PORT010

C1 POWER ON SMTCLK0 $\triangleleft$ IC8001 AJ11 SMTCLK0 PORT514

(USB_VBUS) CH1DATA $\triangleleft$ IC8001 AJ12 CH1DATA PORT517

DOR_SEL V12HSYNC $\triangleleft$ IC8001 L3 V12HSYNC PORT614

G0E_DCL V12VSYNC $\triangleleft$ IC8001 L6 V12VSYNC PORT615

G0E_XRST V12CLK $\triangleleft$ IC8001 M1 V12CLK PORT617

(OSD_FLAG) IS0CLK $\triangleleft$ IC8001 AJ5 IS0CLK PORT713

DISPEN ISOVAL $\triangleleft$ IC8001 AH7 ISOVAL PORT714

XRTS_C1 IS0PSYNC $\triangleleft$ IC8001 AK5 IS0PSYNC PORT715

Y0AB IS0DATA $\triangleleft$ IC8001 AJ6 IS0DATA PORT716

REPROW_MP XECST $\triangleleft$ IC8001 AH3 XECST PORT1412

G0E_IR01 V11P00 $\triangleleft$ IC8001 K3 V11P00 PORT1514

(USB_ADP) V11P1 $\triangleleft$ IC8001 K5 V11P1 PORT1515

V_H0M1_INT V12ENB $\triangleleft$ IC8001 L1 V12ENB PORT1516

FE_SW / SDRAM_CHK1 V12P20 $\triangleleft$ IC8001 P3 V12P20 PORT1517

G0E_IR00 V12P11 $\triangleleft$ IC8001 L5 V12P11 PORT1611

INT_PANEL_O0C V12P10 $\triangleleft$ IC8001 L2 V12P10 PORT1612

C1_O0P IS1CLK $\triangleleft$ IC8001 AF8 IS1CLK PORT1613

C1_XRST IS1DATA $\triangleleft$ IC8001 AJ7 IS1DATA PORT1614

POWER_DET RMCO $\triangleleft$ IC8001 T5 RMCO PORT1615

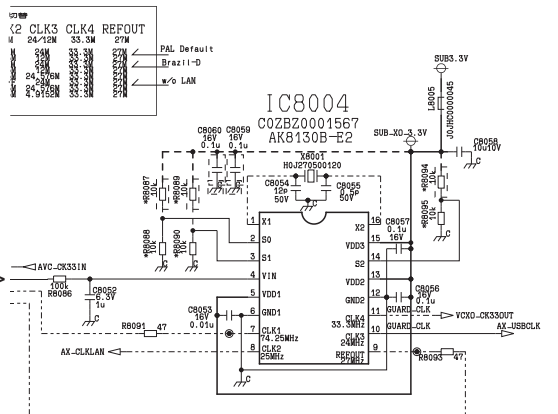
C1_IR0 CH1VAL $\triangleleft$ IC8001 AE13 CH1VAL PORT1616

FE_XRST / SDRAM_CHK2 V12P21 $\triangleleft$ IC8001 P5 V12P21 PORT1617

NAND IF

NFAL0 $\triangleleft$ IC8001 AK4 NFAL0
 NFCLK $\triangleleft$ IC8001 AH6 NFCLK
 XNFWE $\triangleleft$ IC8001 AJ1 XNFWE
 XNFCE $\triangleleft$ IC8001 AJ4 XNFCE
 XNFRE $\triangleleft$ IC8001 AF5 XNFRE
 XNFWE $\triangleleft$ IC8001 AJ2 XNFWE
 NANDRYBYT $\triangleleft$ IC8001 AG7 NANDRYBYT

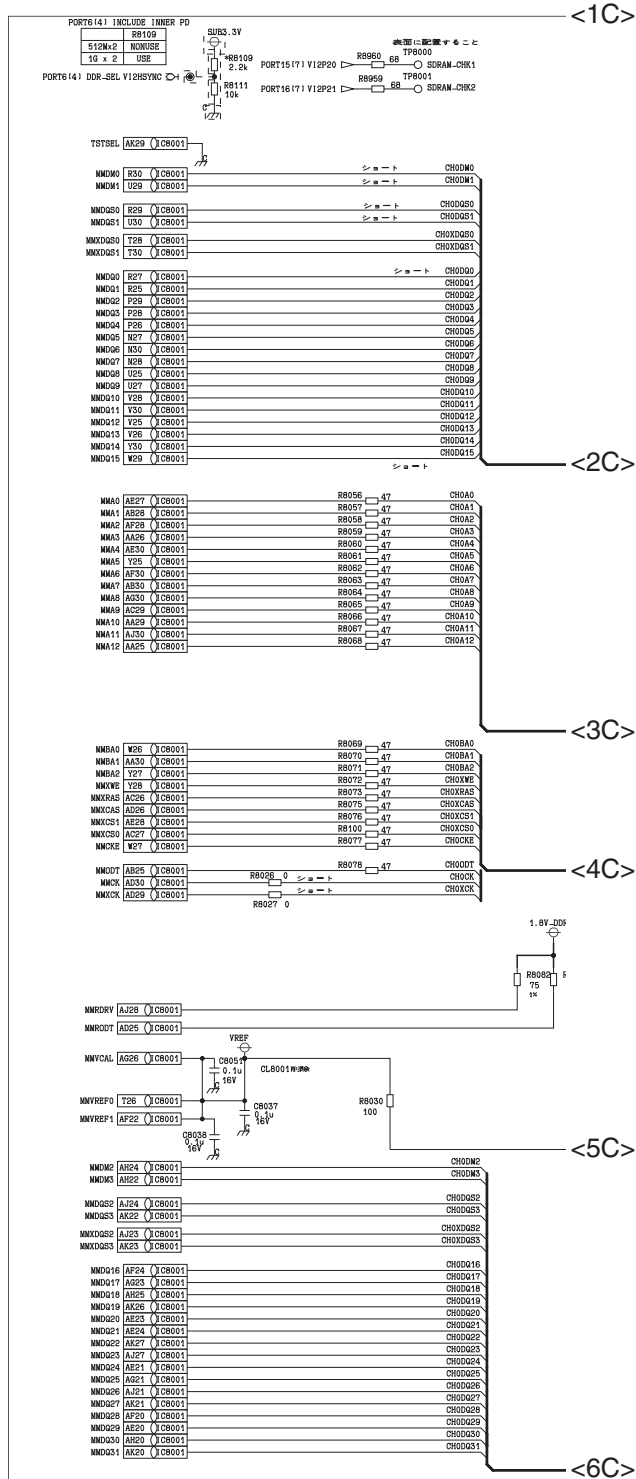
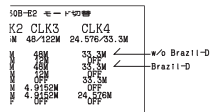
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<2B>

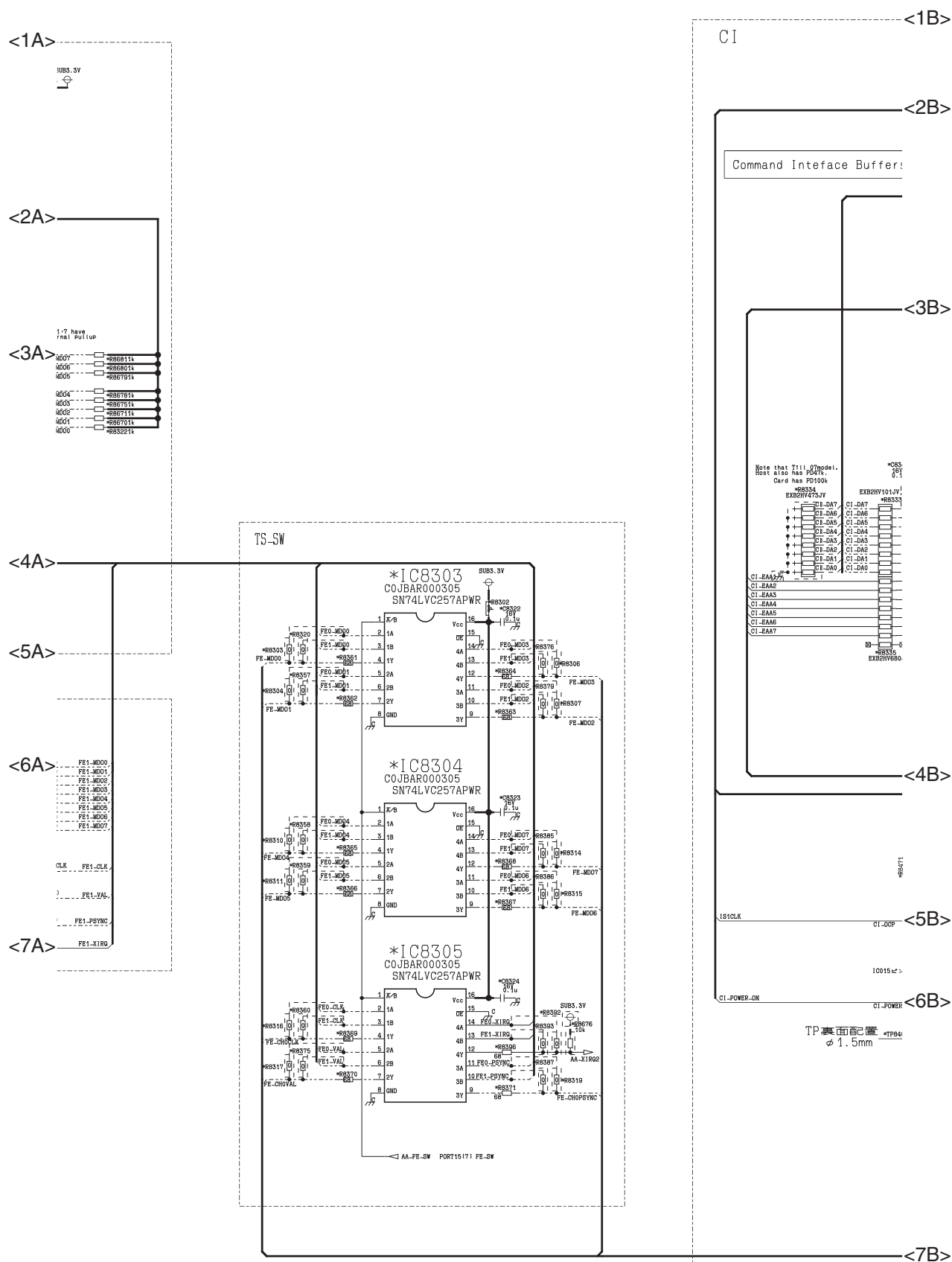
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<4B>

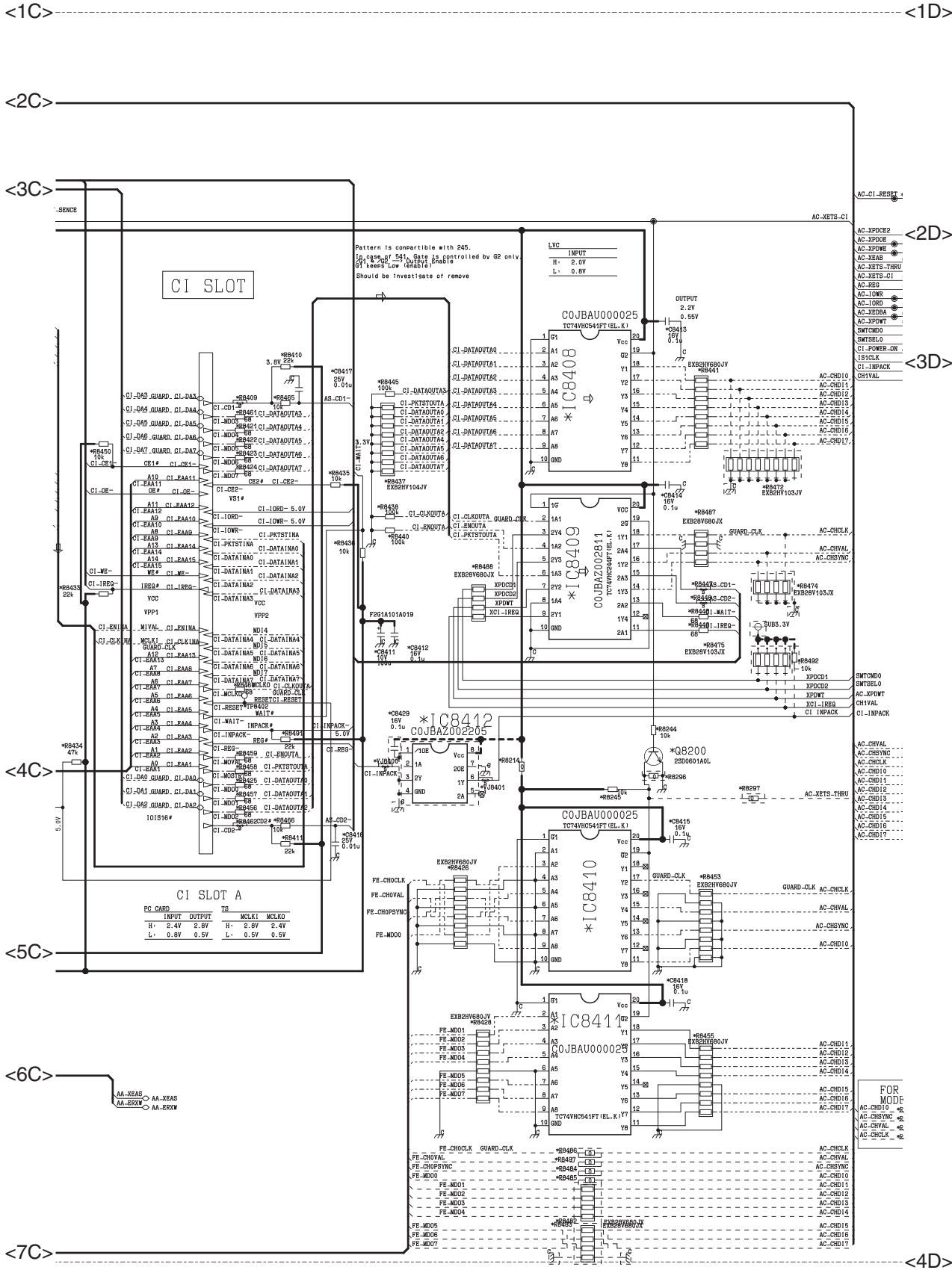




11.2.15. A Board - Sheet : 003 (2 / 6)

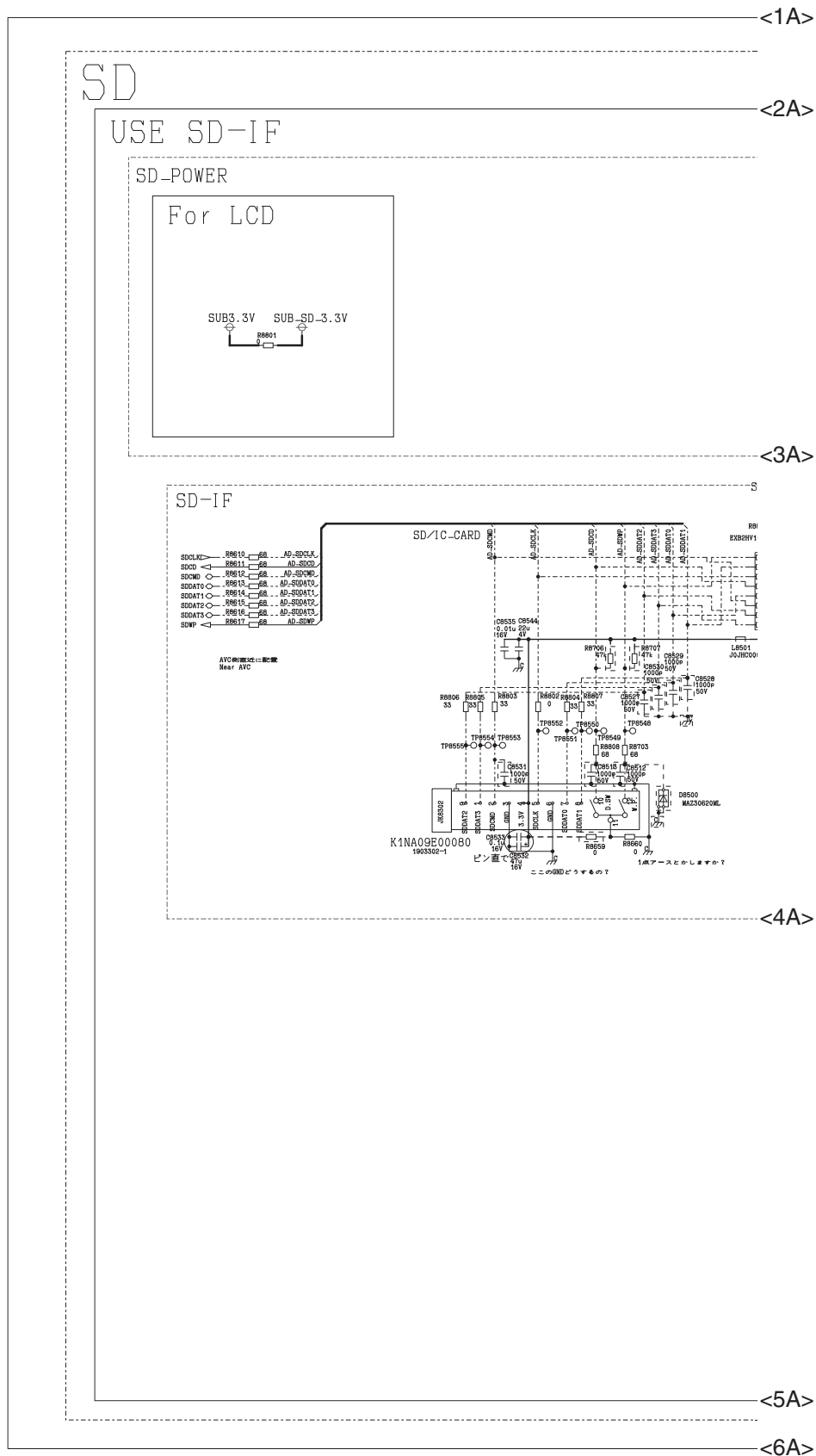


11.2.17. A Board - Sheet : 003 (4 / 6)

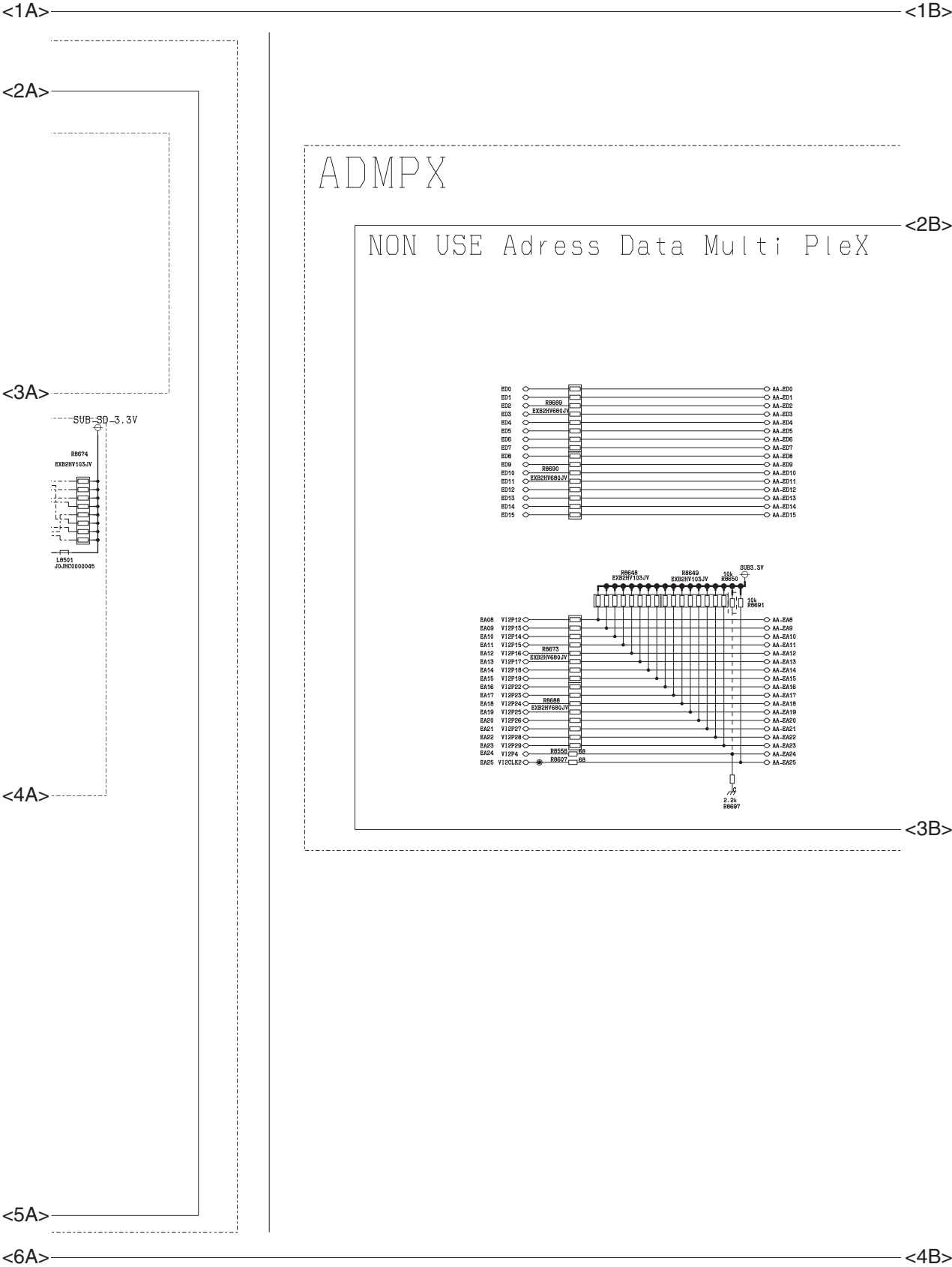




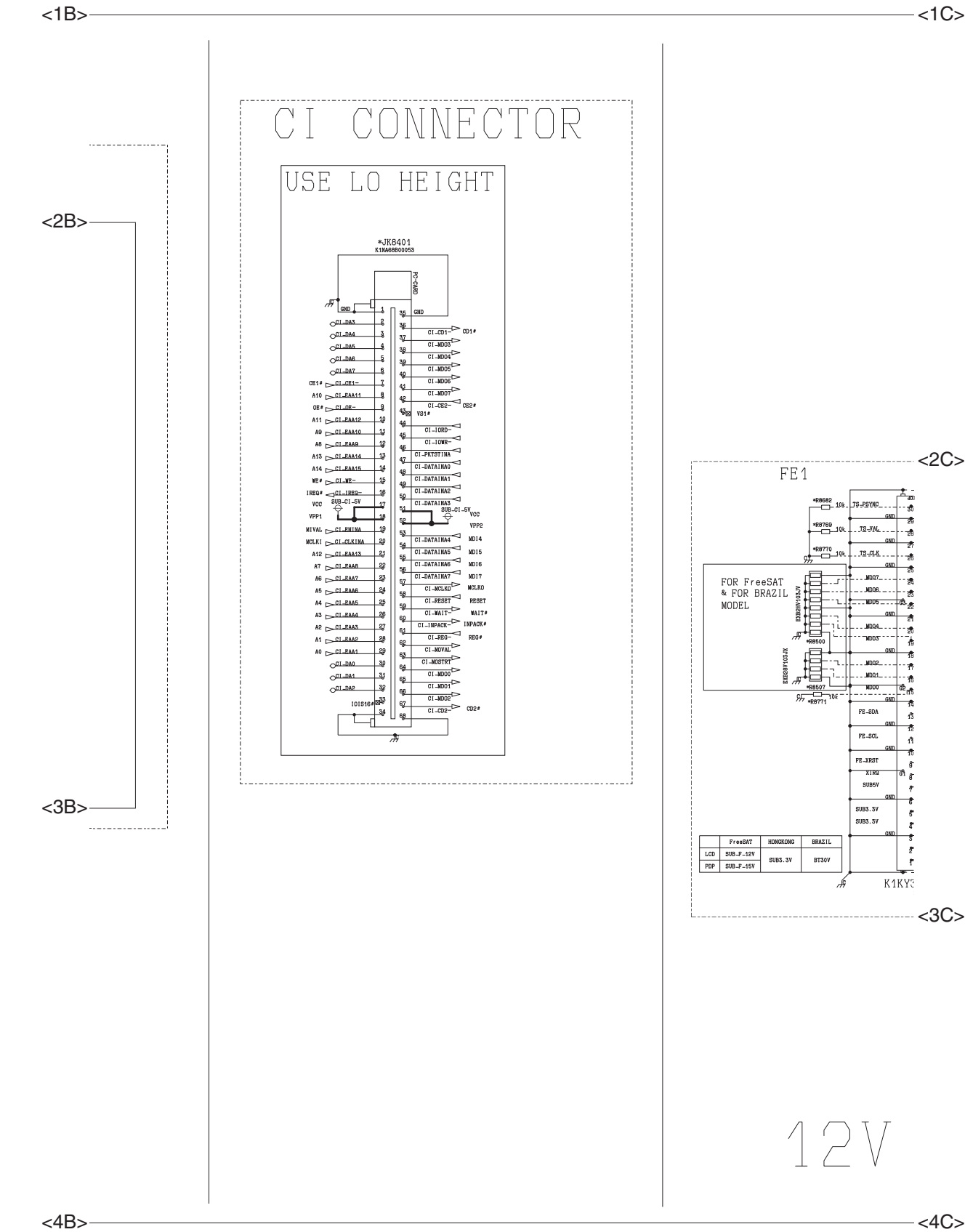
11.2.20. A Board - Sheet : 004 (1 / 8)



11.2.21. A Board - Sheet : 004 (2 / 8)



11.2.22. A Board - Sheet : 004 (3 / 8)



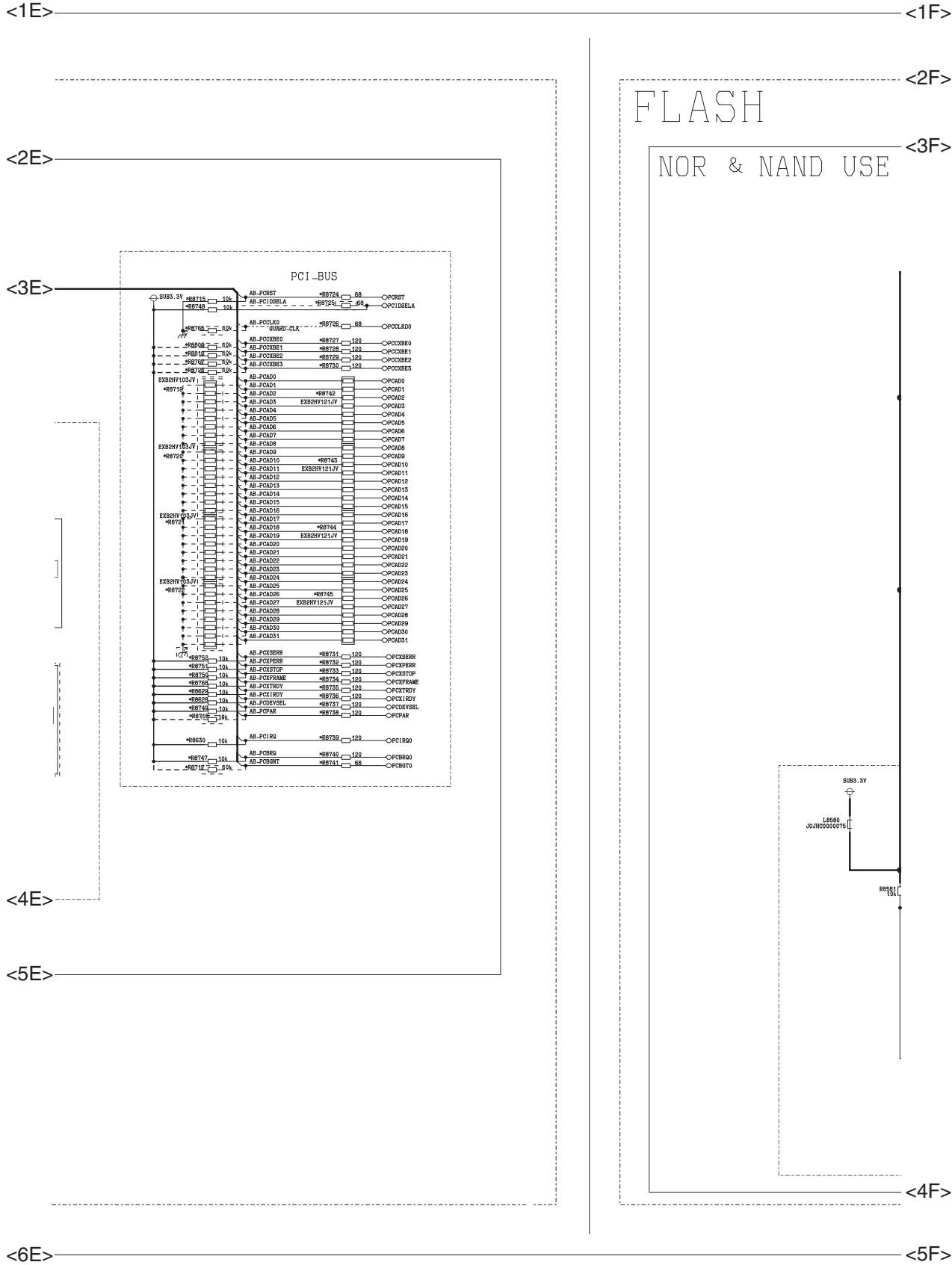
FE1

FOR FreeSAT
& FOR BRAZIL
MODEL

Pinout details:
FE-SDA: 1 FE-SDA1, 2 FE-SDA2, 3 FE-SDA3, 4 FE-SDA4
FE-SCL: 5 FE-SCL1, 6 FE-SCL2, 7 FE-SCL3, 8 FE-SCL4
FE-XRST: 9 FE-XRST1, 10 FE-XRST2, 11 FE-XRST3, 12 FE-XRST4
SUBS: 13 SUBS1, 14 SUBS2, 15 SUBS3, 16 SUBS4, 17 SUBS5, 18 SUBS6, 19 SUBS7, 20 SUBS8, 21 SUBS9, 22 SUBS10, 23 SUBS11, 24 SUBS12, 25 SUBS13, 26 SUBS14, 27 SUBS15, 28 SUBS16, 29 SUBS17, 30 SUBS18, 31 SUBS19, 32 SUBS20, 33 SUBS21, 34 SUBS22
Power: 35 VCC, 36 SUBS-12V, 37 SUBS-3V, 38 BT30V
Ground: 39 GND

12V

11.2.25. A Board - Sheet : 004 (6 / 8)









11.2.31. A Board - Sheet : 005 (4 / 5)

SOS
<1D>

0-

<2D>

Peaks-COMMON

Peaks-DEST

<1C>

Peaks-MODEL

AVSW (DEST)

<2C>

ADV-A (DEST)

ADV-A (MODEL)

Set (MODEL)

<3C>

STB-RESET (FPD)

<4C>

STB-RESET (MODEL)

Set (FPD)

<5C>

IIC

<6C>

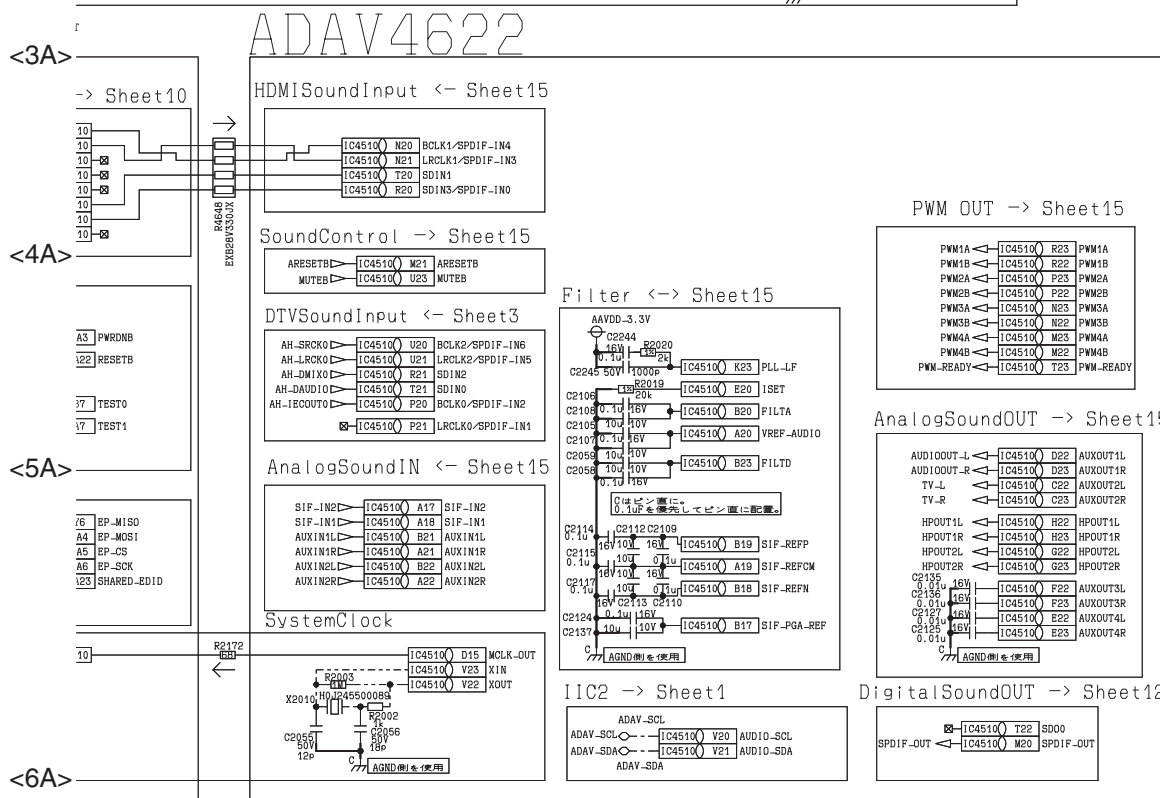
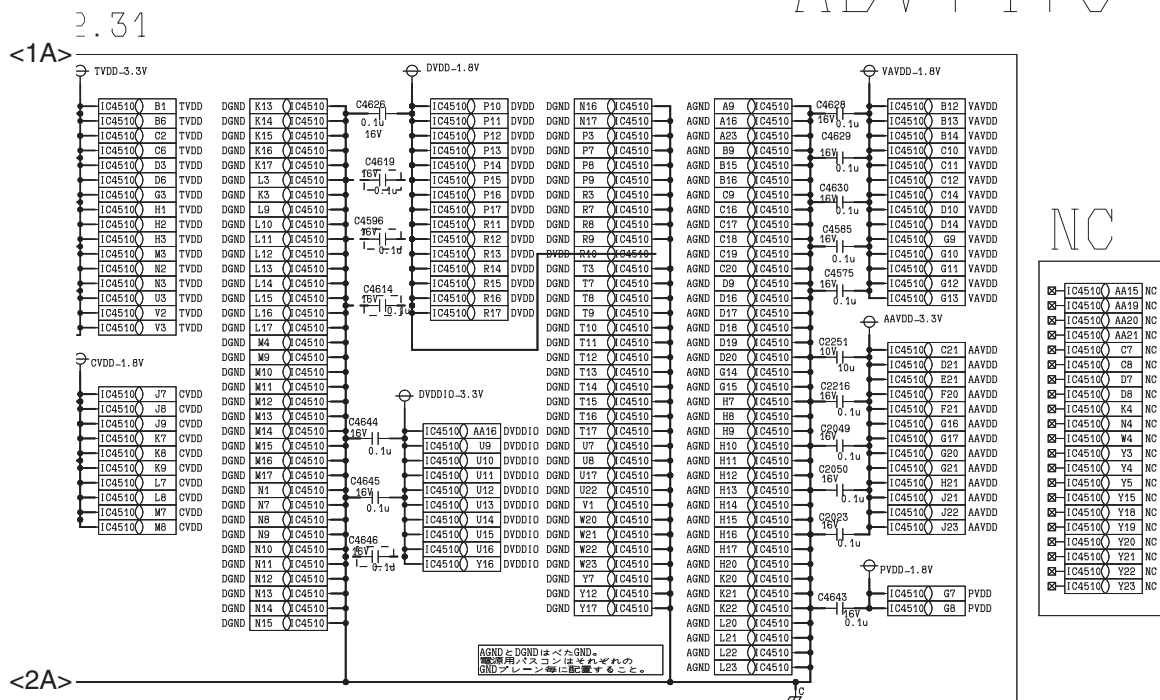
PIN INFORMATION

C-2009_shigen080703.xls

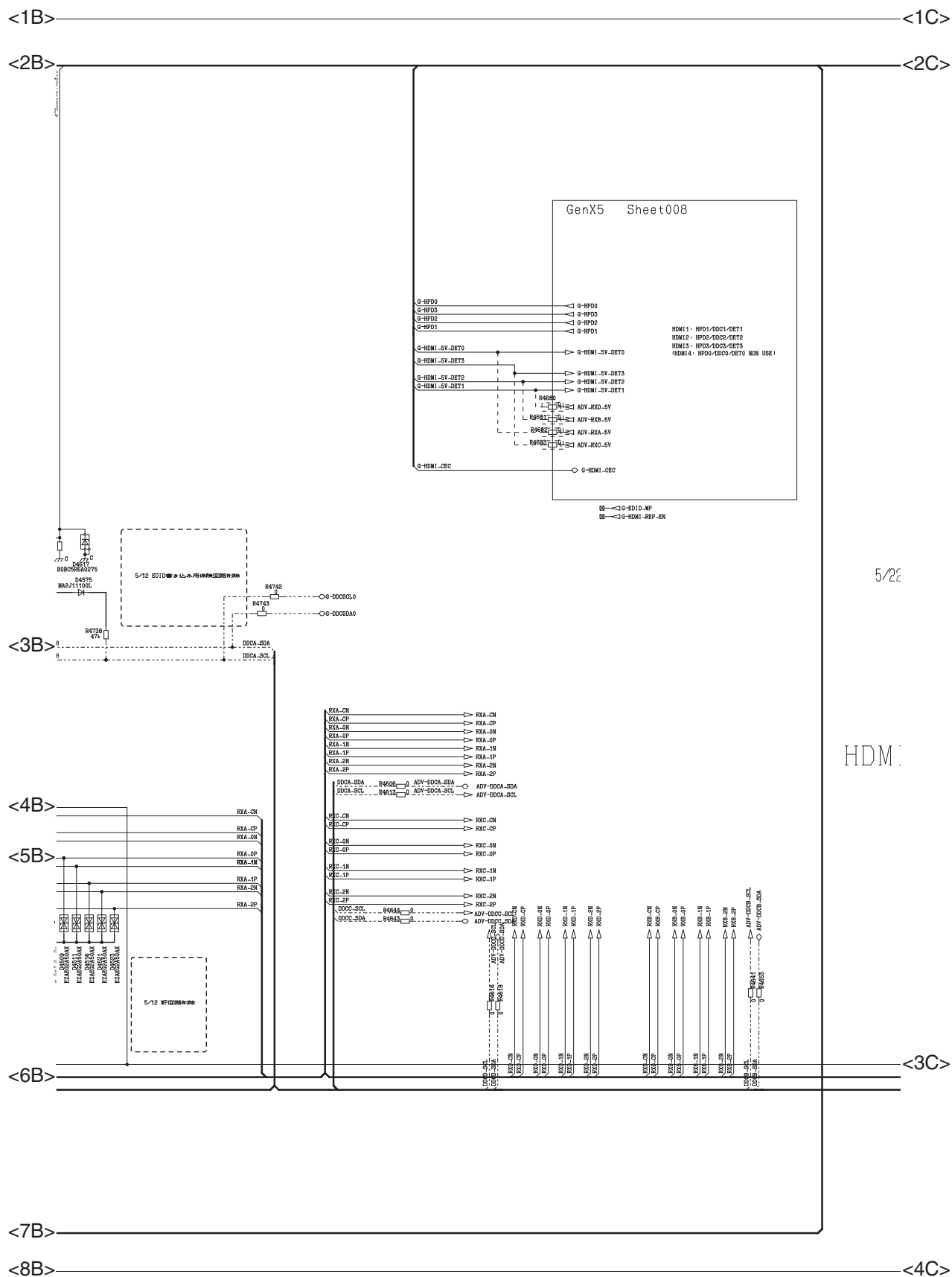
R-LED-ON - DIR: 0 L OFF H ON STB-STS: H
 G-LED-ON - DIR: 0 L OFF H ON STB-STS: L
 (Active-Antenna-ON) - DIR: 0 L OFF H ON STB-STS: L
 SD-LED-ON - DIR: 0 L OFF H ON STB-STS: L
 ACTIVE-STBY-LED-ON - DIR: 0 L OFF H ON STB-STS: L
 TV-MAIN-ON - DIR: 0 L OFF H ON STB-STS: L
 PANEL-STBY-ON/PANEL-VCC-ON - DIR: 0 L OFF H ON STB-STS: L
 ECU-ON/INVERTER-ON - DIR: 0 L NORMAL/OFF H ECU-ON STB-STS: H/L
 GRAB-MODULE-IIC/PMW-POW-ON - DIR: 0 L Peaks-GenX6/OFF H GenX5-GenX6/ON STB-STS: L
 HDMI-REP-EN - DIR: 0 L DISABLE H ENABLE STB-STS: L
 AUDIO-XRST - DIR: 0 L RESET H ACTIVE STB-STS: L
 ADV-XRST - DIR: 0 L RESET H ACTIVE STB-STS: L
 BACK-VOUTENB - DIR: 0 L OFF H OUTPUT STB-STS: L
 SOURCE-XRST - DIR: 0 L RESET H ACTIVE STB-STS: L
 HQ-XRST - DIR: 0 L RESET H ACTIVE STB-STS: L
 MID-VOUTENB - DIR: 0 L OFF H OUTPUT STB-STS: L
 PANEL-READY - DIR: 1 L comm-NG H comm-OK STB-STS: -
 PANEL-ALARM/INVERTER-SOS - DIR: 1 L SOS/NORMAL H NORMAL/SOS STB-STS: -
 SUBS-VY-SENSE - DIR: 1 L SHORT H NORMAL STB-STS: -
 MAINVY-SENSE - DIR: 1 L SHORT H NORMAL STB-STS: -
 DTVVY-SENSE - DIR: 1 L SHORT H NORMAL STB-STS: -
 SUBVY-SENSE - DIR: 1 L SHORT H NORMAL STB-STS: -
 MAINS-VY-SENSE - DIR: 1 L SHORT H NORMAL STB-STS: -
 GenX-EEP-WP - DIR: 0 L Write H PROTECT STB-STS: H
 TV-SUB-ON - DIR: 0 L OFF H ON STB-STS: L
 SP-HP-MUTE - DIR: 0 L OUTPUT H MUTE STB-STS: L
 MON-MUTE - DIR: 0 L OUTPUT H MUTE STB-STS: L
 DTV-XRST - DIR: 0 L RESET H ACTIVE STB-STS: L
 SD-SHUT-STB - DIR: 0 L NORMAL H SHUTOUT STB-STS: L
 SW-OFF-DET - DIR: 1/0 L EMERGENCY H NORMAL STB-STS: L
 DTV-VOUTENB - DIR: 0 L OFF H OUTPUT STB-STS: L
 HPD0 - DIR: 0 L ENABLE H DISABLE STB-STS: L
 HPD1 - DIR: 0 L ENABLE H DISABLE STB-STS: L
 HPD2 - DIR: 0 L ENABLE H DISABLE STB-STS: L
 (INV-PSU-ON) - DIR: 0 L DISABLE H ENABLE STB-STS: L
 RMTN - DIR: RMN L H - STB-STS: -
 SRQ-GenX - DIR: 1 L IIC STOP H NORMAL STB-STS: -
 SOUND-SOS - DIR: 1 L NORMAL H SOS STB-STS: -
 SOS - DIR: 1 L NORMAL H SOS STB-STS: -
 CLKYASSEL - DIR: 0 L 74.25 H 74.1756 STB-STS: L
 SIF-FIL-ON - DIR: 0 L OFF H ON STB-STS: L
 Peaks-Serial-SB0 - DIR: USB02 L H - STB-STS: L
 Peaks-Serial-SB1 - DIR: USB12 L H - STB-STS: L
 SDA0 - DIR: IIC L H - STB-STS: H
 SCL0 - DIR: IIC L H - STB-STS: H
 SDA1 - DIR: IIC L H - STB-STS: H
 SCL1 - DIR: IIC L H - STB-STS: H
 Q1IN02 - DIR: AVLINK Glink for AV1 STB-STS: -
 Q1IN01 - DIR: AVLINK Glink for AV2 STB-STS: -
 HDMI-CEC - DIR: CEC L HDMI CEC H STB-STS: -
 AI-SENSOR - DIR: ADC L Dark H Bright STB-STS: -
 KEY1 - DIR: ADC DAC STB-STS: -
 FACT - DIR: ADD L SD-Boot M Boundary H Ordinary STB-STS: -
 RP-APT1 - DIR: ADC L Local Upside H Local Downside STB-STS: -
 PANEL-LED-ON - DIR: 0 L OFF H ON STB-STS: L
 (Active-Antenna-DET) - DIR: 1 L Normal H SHORT STB-STS: -
 DOCSDA0 - DIR: DDC1100 L H STB-STS: -
 DOCSCL0 - DIR: DDC1100 L H STB-STS: -
 DOCSDA1 - DIR: DDC1101 L H STB-STS: -
 DOCSCL1 - DIR: DDC1101 L H STB-STS: -
 DOCSDA2 - DIR: DDC1102 L H STB-STS: -
 DOCSCL2 - DIR: DDC1102 L H STB-STS: -
 DOCSDA3 - DIR: DDC1103 L H STB-STS: -
 DOCSCL3 - DIR: DDC1103 L H STB-STS: -
 EDD-WP - DIR: 0 L PROTECT H Write STB-STS: L
 SD-PWR-CTRL - DIR: 1/0 L OFF H ON STB-STS: L
 MAIN-FAN-ON - DIR: 0 L OFF H ON STB-STS: -
 FAN-MAX - DIR: 0 PDP L 12V H 2-9V H 7V / LCD L 7V H 9V STB-STS: L
 HDMI-CEC-PU-ON - DIR: 0 L OPEN H ON STB-STS: L
 HDMI-5V-DET1 - DIR: 1 L Unplugged H Plugged STB-STS: -
 HDMI-5V-DET2 - DIR: 1 L Unplugged H Plugged STB-STS: -
 HDMI-5V-DET0 - DIR: 1 L Unplugged H Plugged STB-STS: -
 HDMI-5V-DET3 - DIR: 1 L Unplugged H Plugged STB-STS: -

11.2.34. A Board - Sheet : 006 (2 / 2)

ADV7470

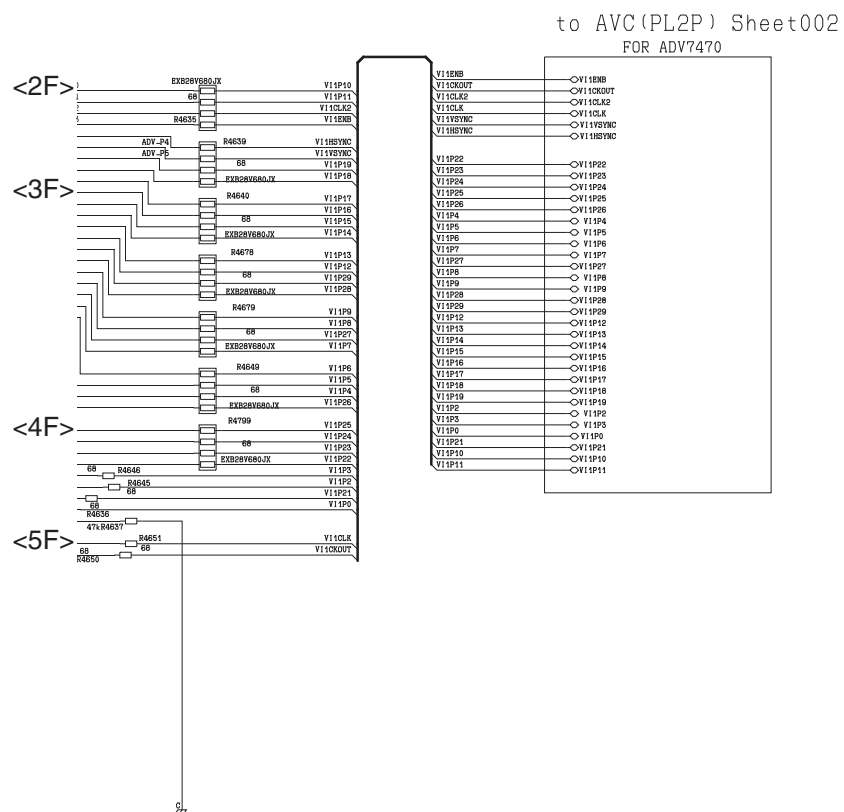


11.2.37. A Board - Sheet : 007 (3 / 7)

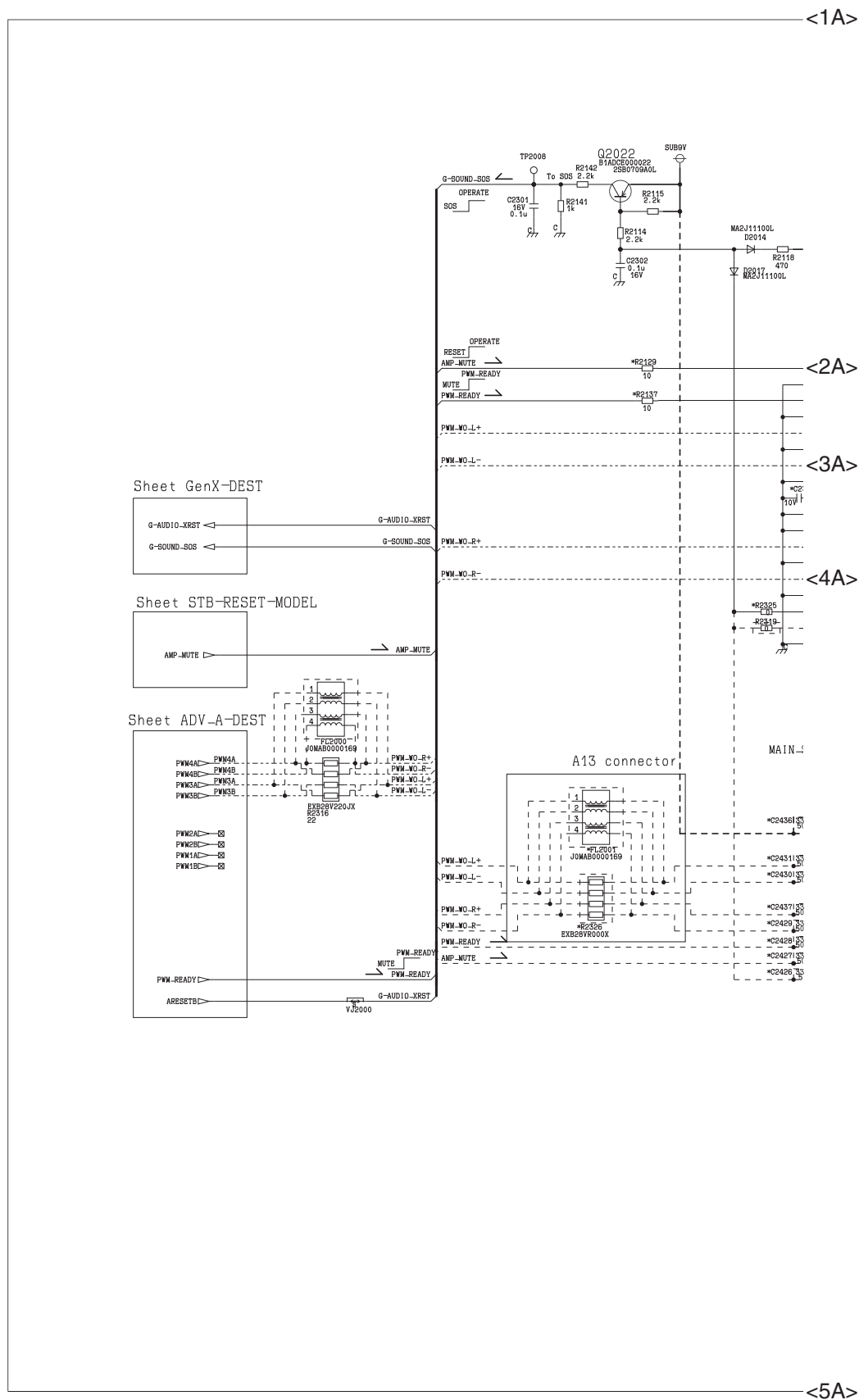


11.2.41. A Board - Sheet : 007 (7 / 7)

<1F>



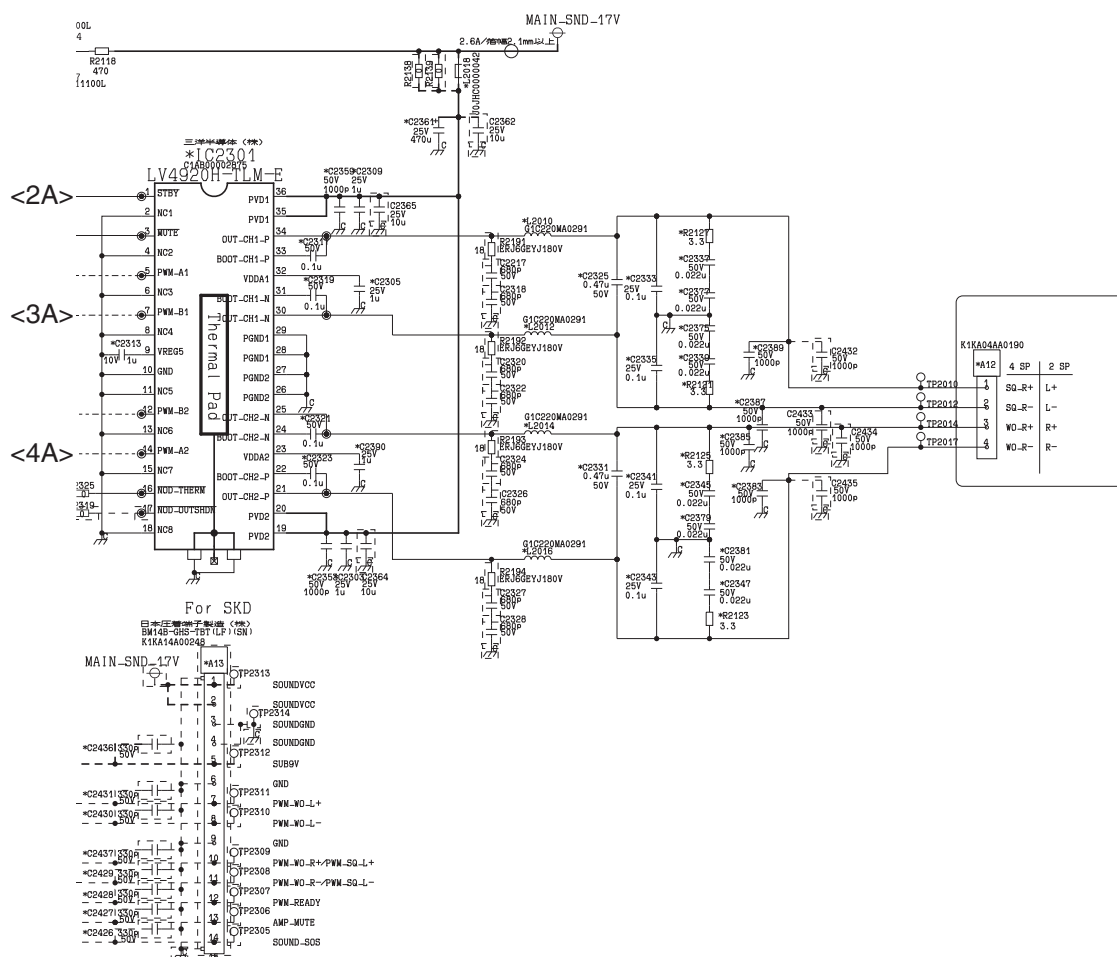
11.2.42. A Board - Sheet : 008 (1 / 4)



11.2.43. A Board - Sheet : 008 (2 / 4)

<1A>

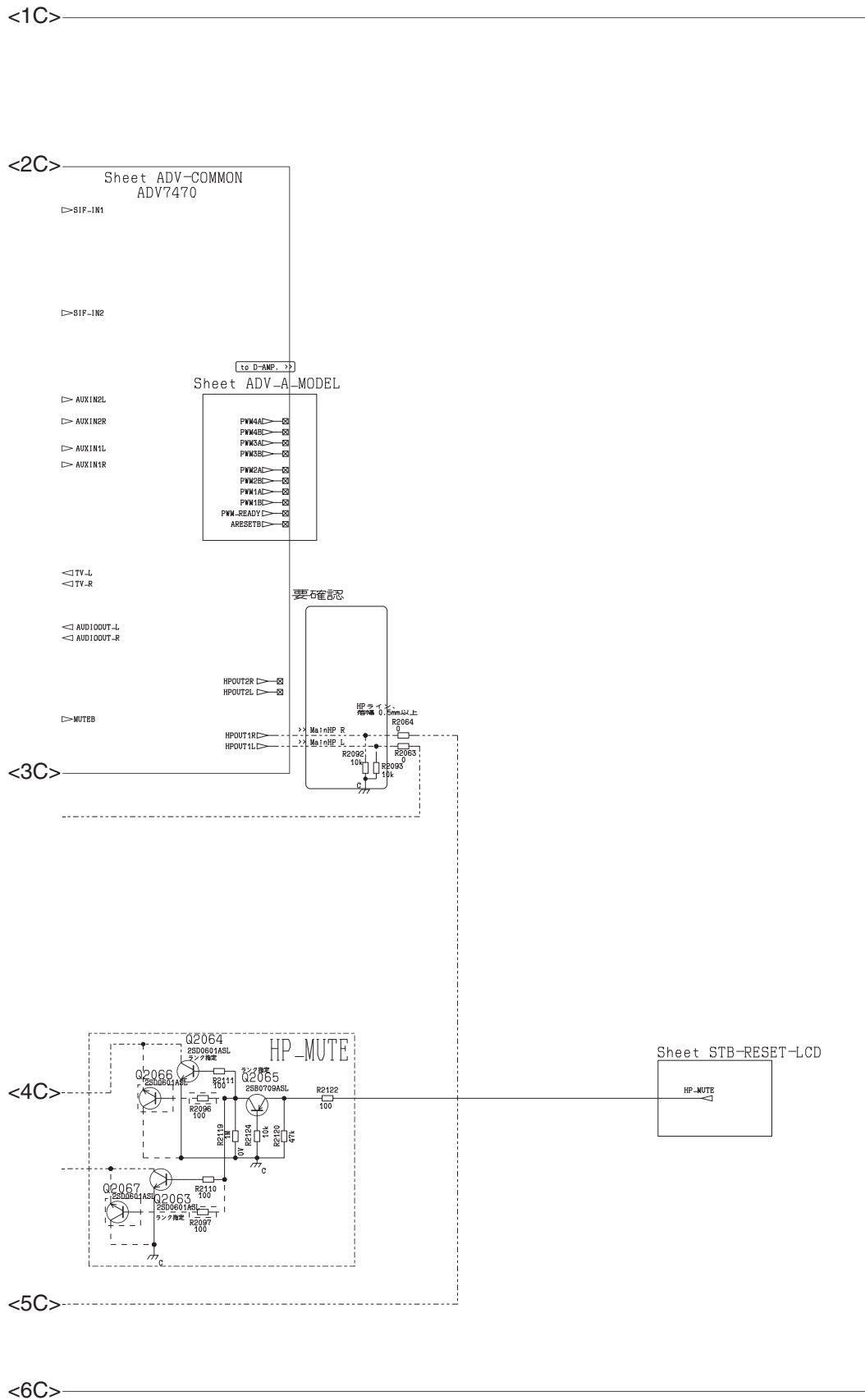
— <1B>



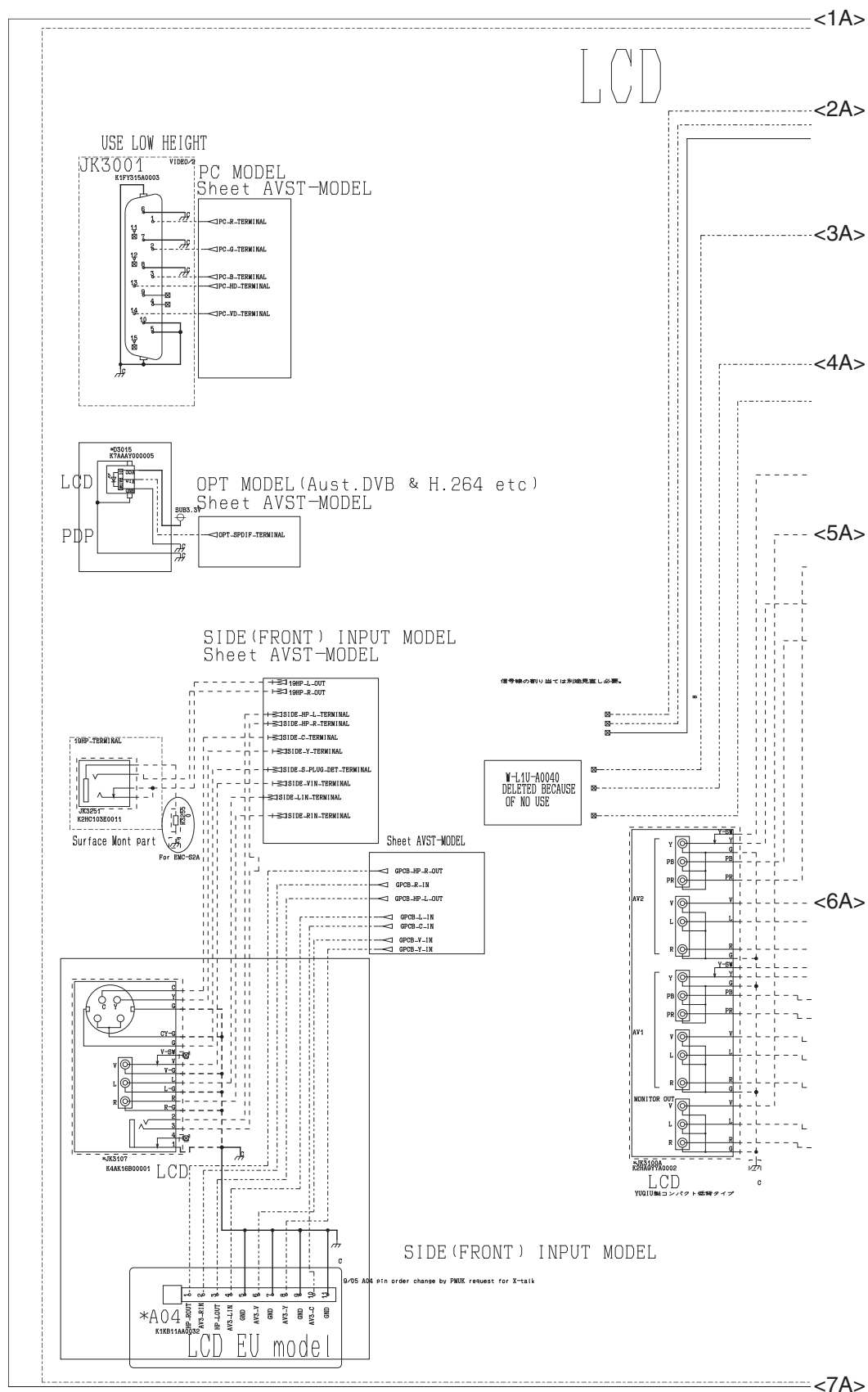
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— <2B>

11.2.45. A Board - Sheet : 008 (4 / 4)

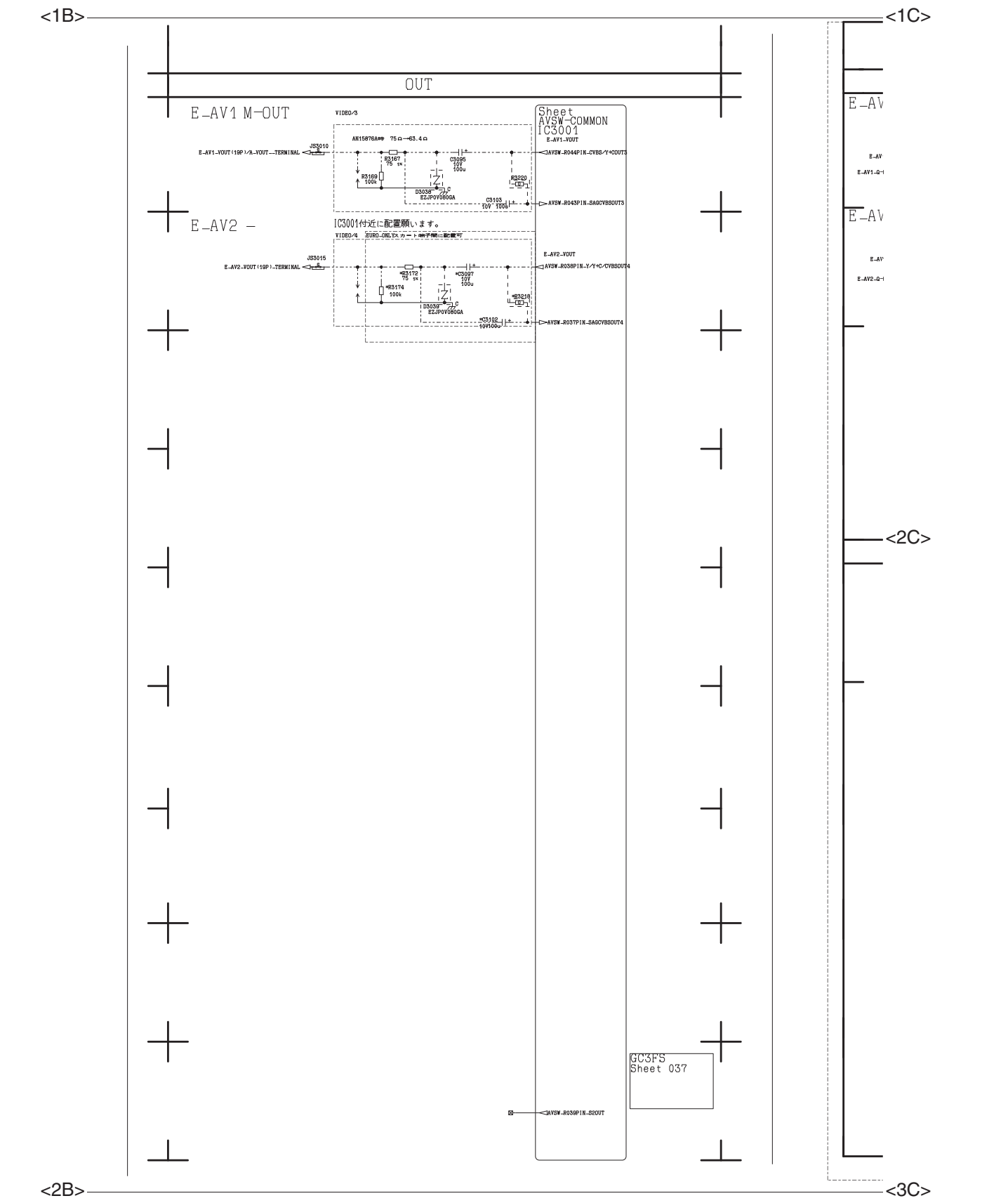


11.2.46. A Board - Sheet : 009 (1 / 11)



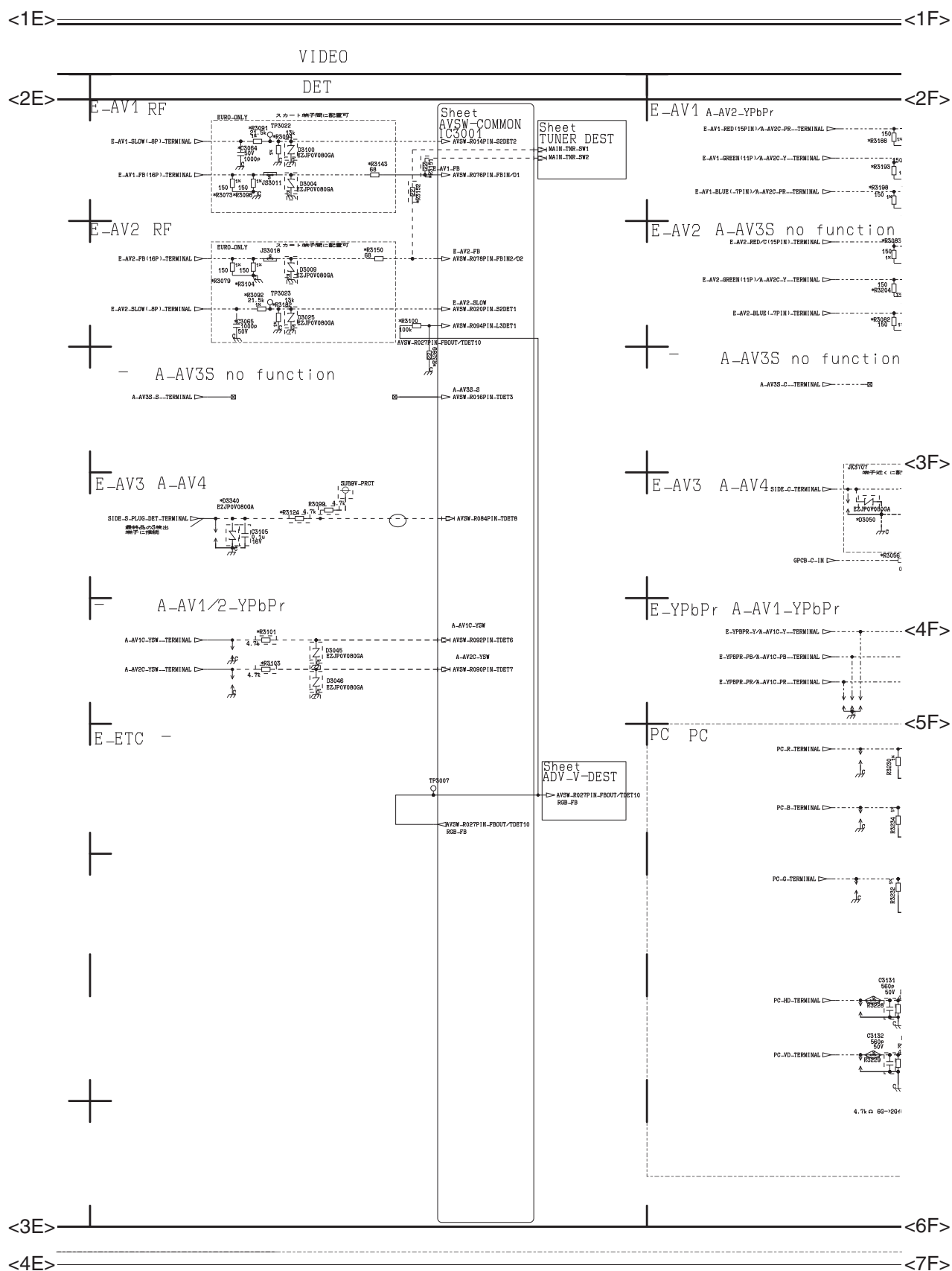


11.2.48. A Board - Sheet : 009 (3 / 11)



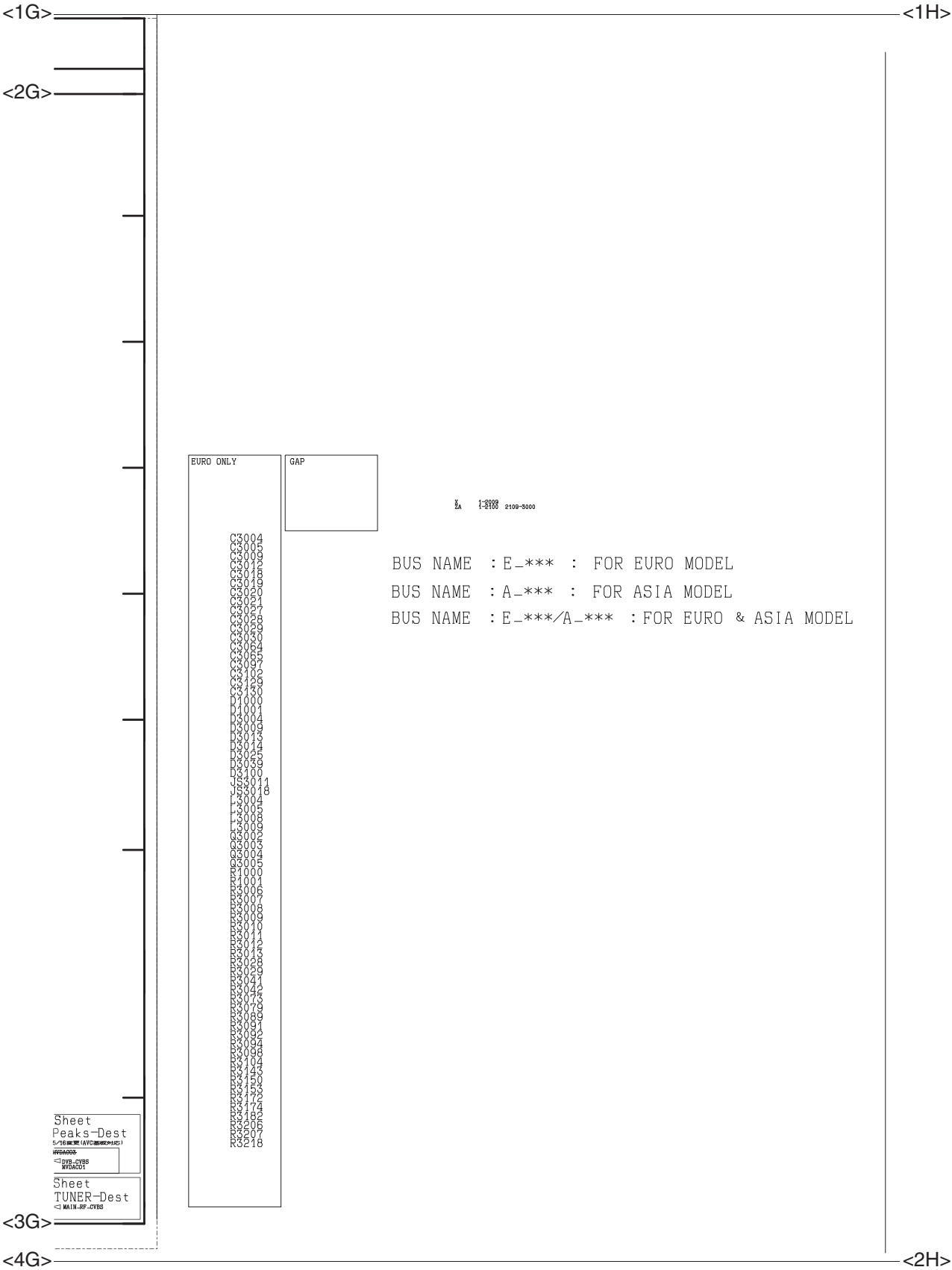


11.2.51. A Board - Sheet : 009 (6 / 11)



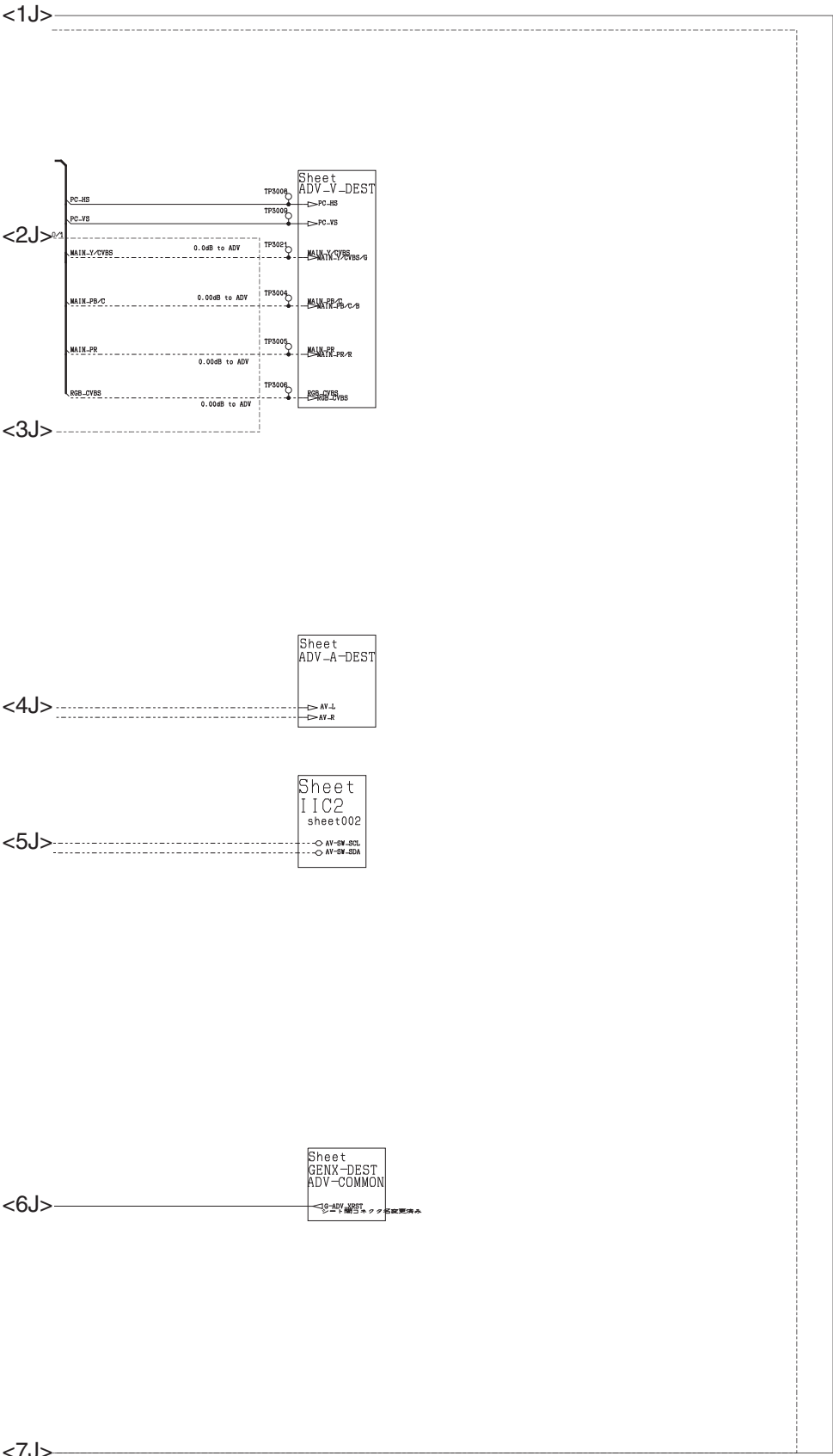


11.2.53. A Board - Sheet : 009 (8 / 11)





11.2.56. A Board - Sheet : 009 (11 / 11)



11.2.59. A Board - Sheet : 010 (3 / 3)

<1B>

<2B>

<3B>

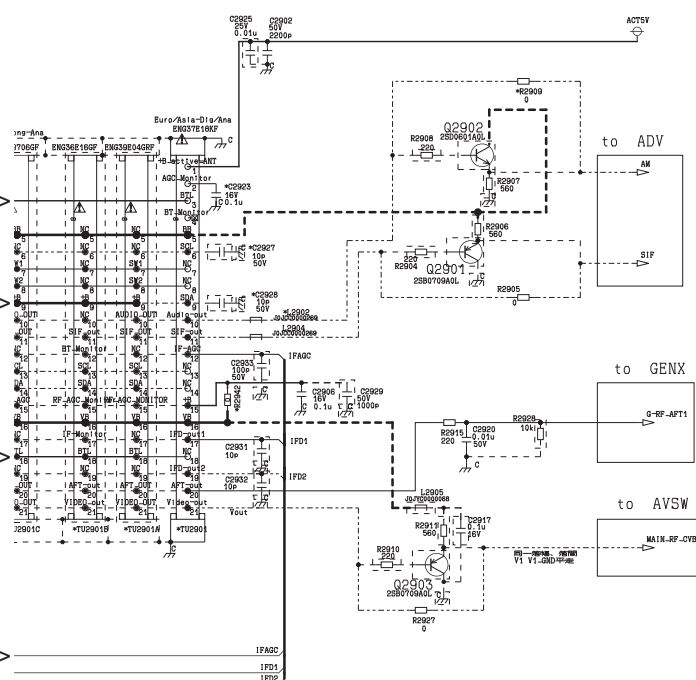
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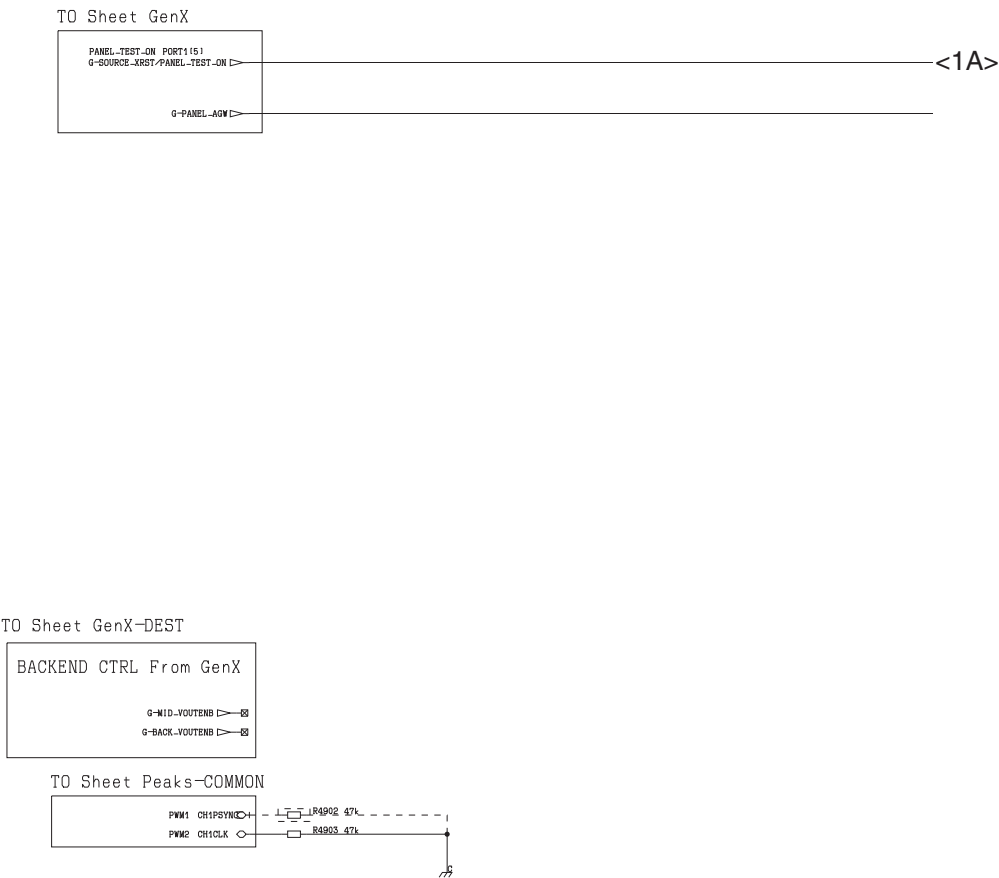
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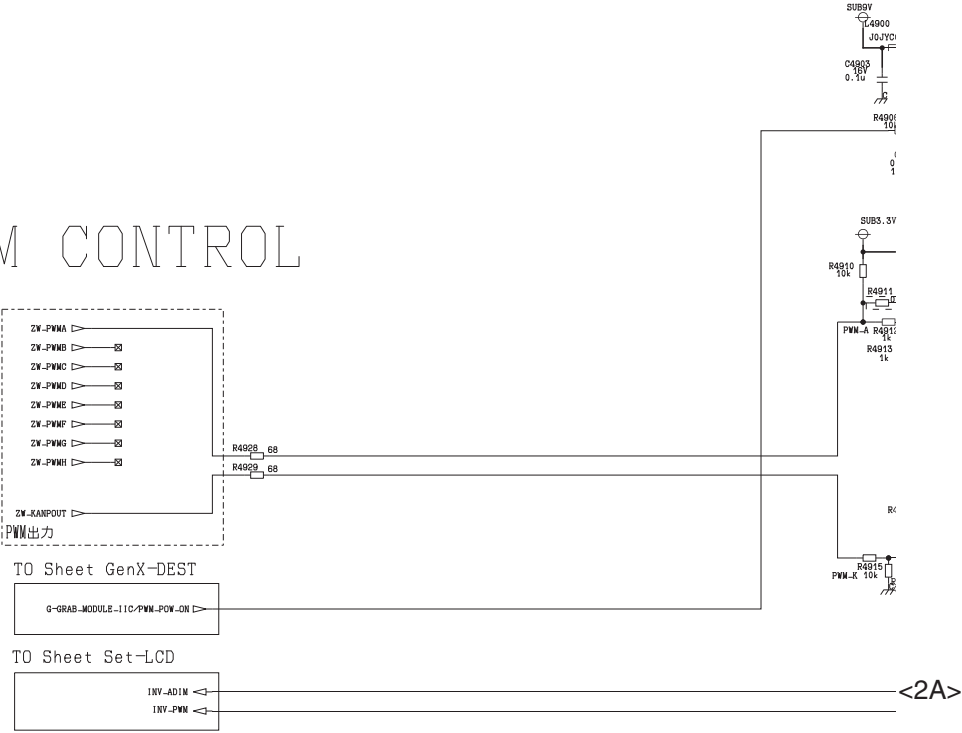


11.2.60. A Board - Sheet : 011 (1 / 4)

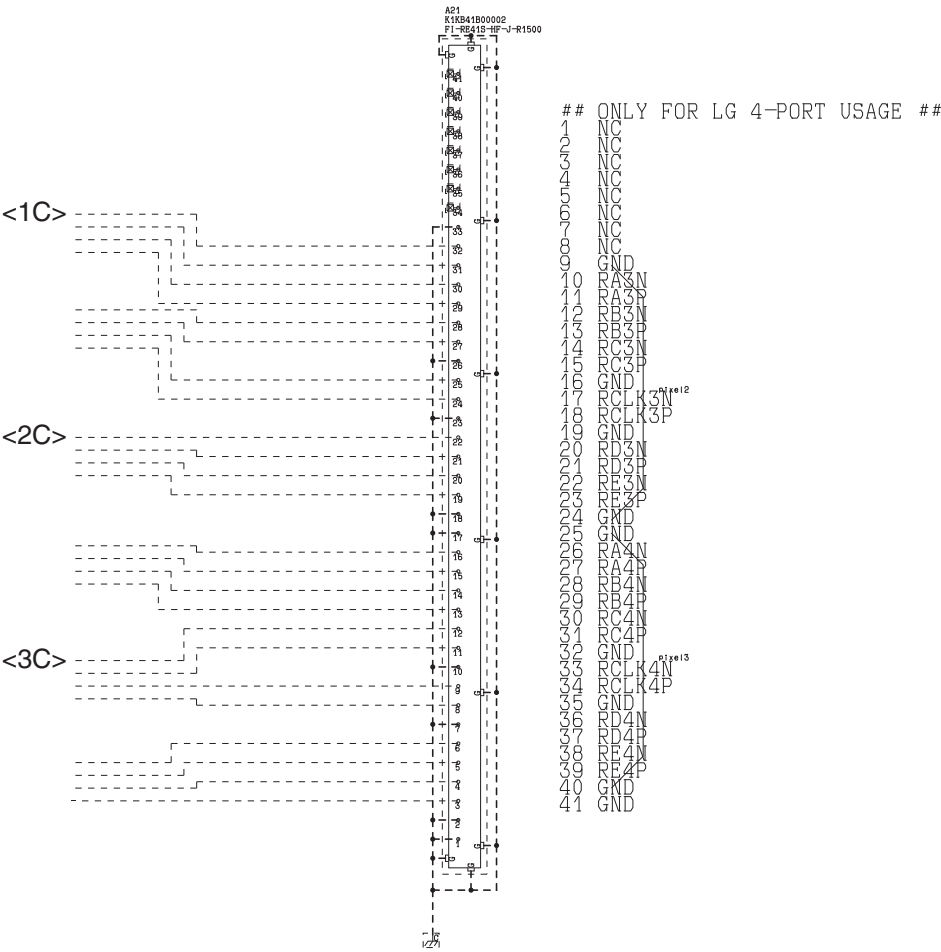
VIDEO



PWM CONTROL

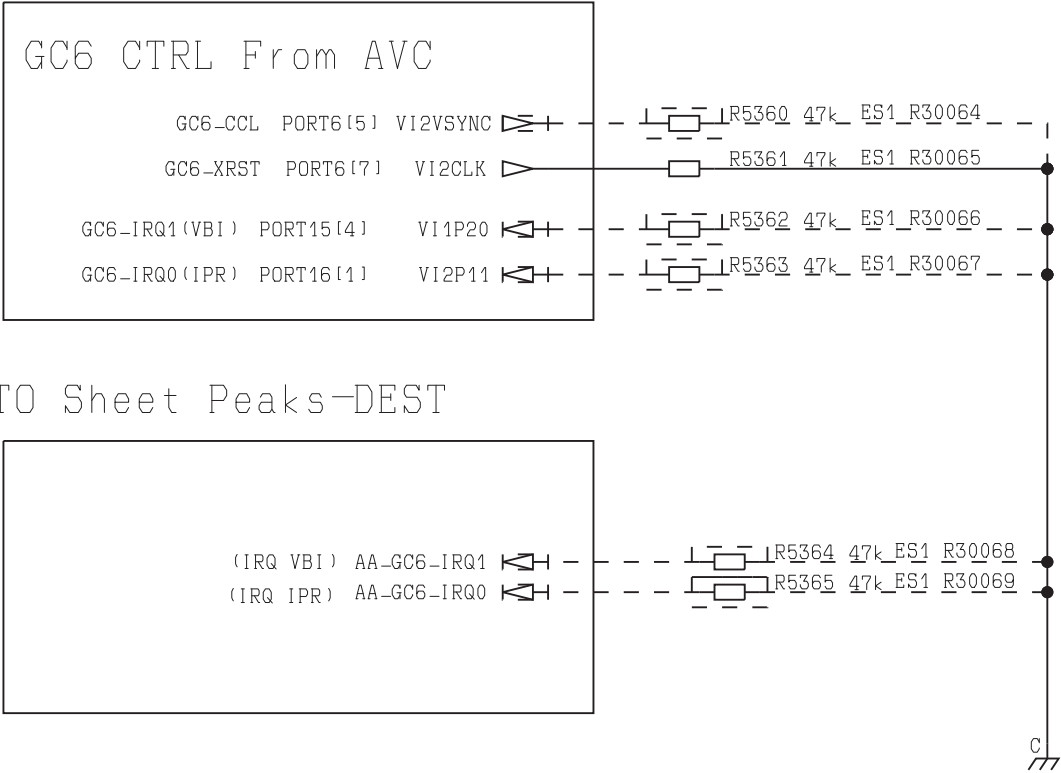


11.2.63. A Board - Sheet : 011 (4 / 4)



11.2.64. A Board - Sheet : 012 (1 / 1)

TO Sheet Peaks-COMMON



TO Sheet Peaks-DEST

(IRQ VBI)

AA-GC6-IRQ1

R5364

47k

ES1_R30068

●

(IRQ IPR)

AA-GC6-IRQ0

R5365

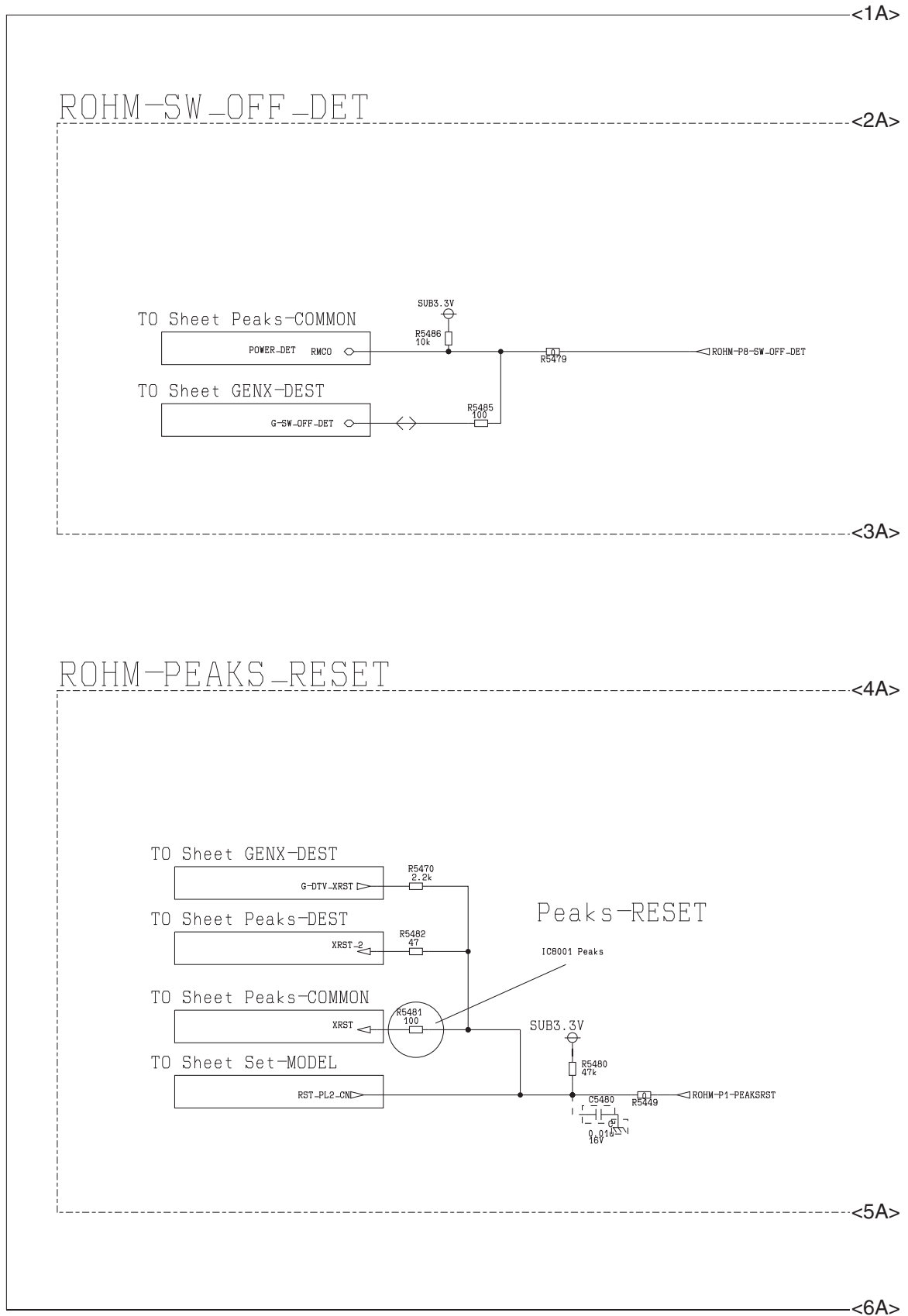
47k

ES1_R30069

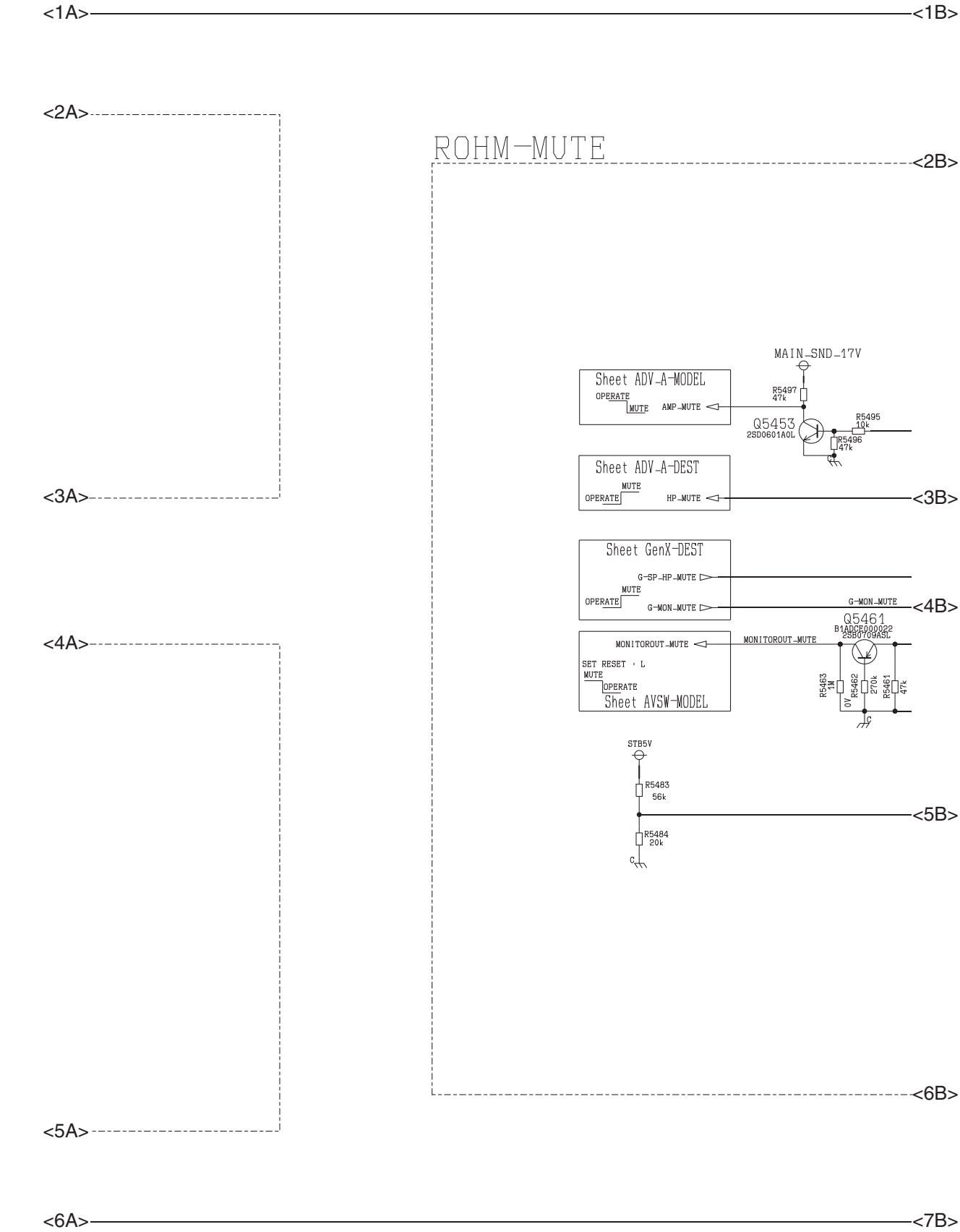
●

C
///

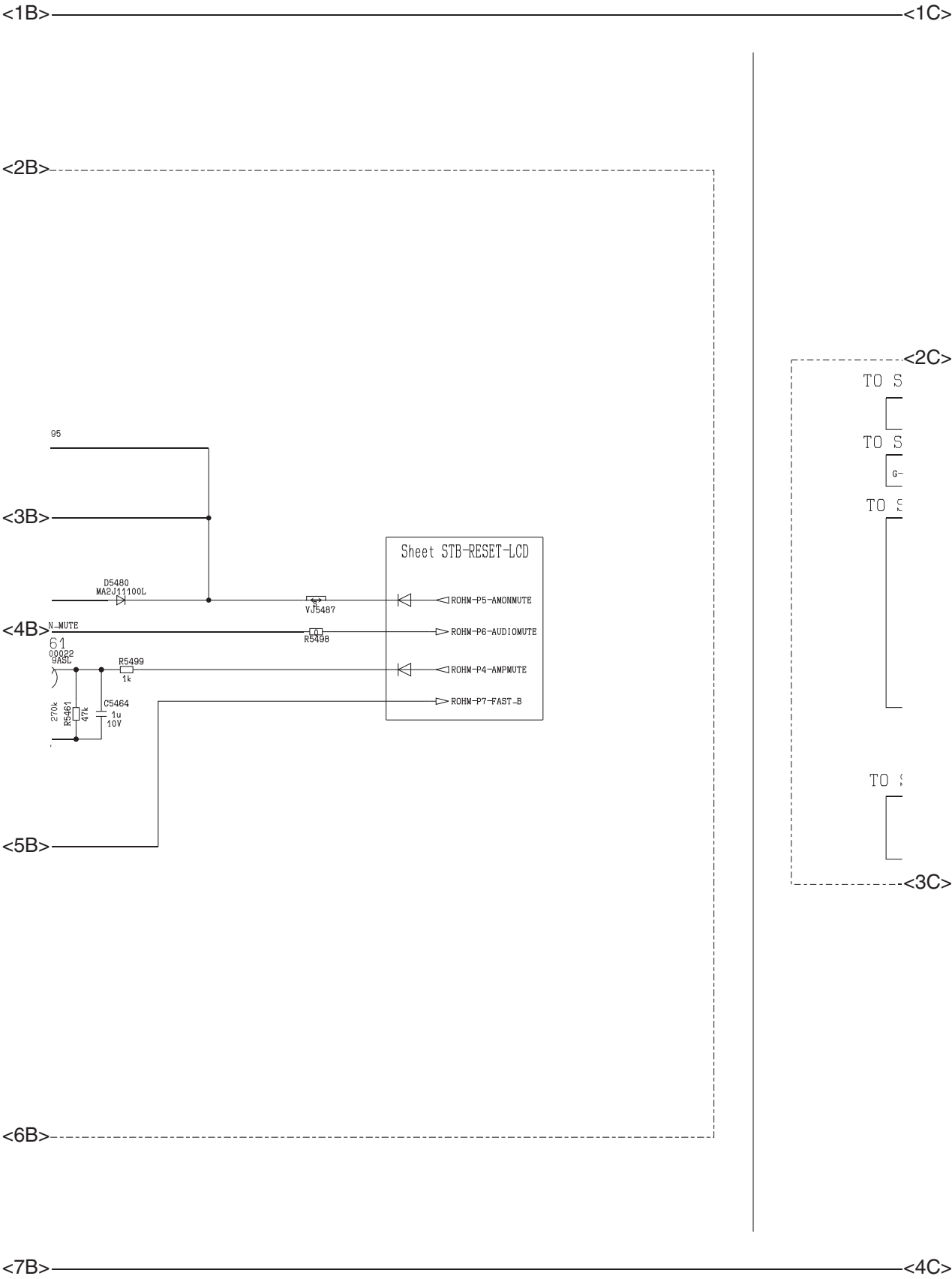
11.2.65. A Board - Sheet : 013 (1 / 5)



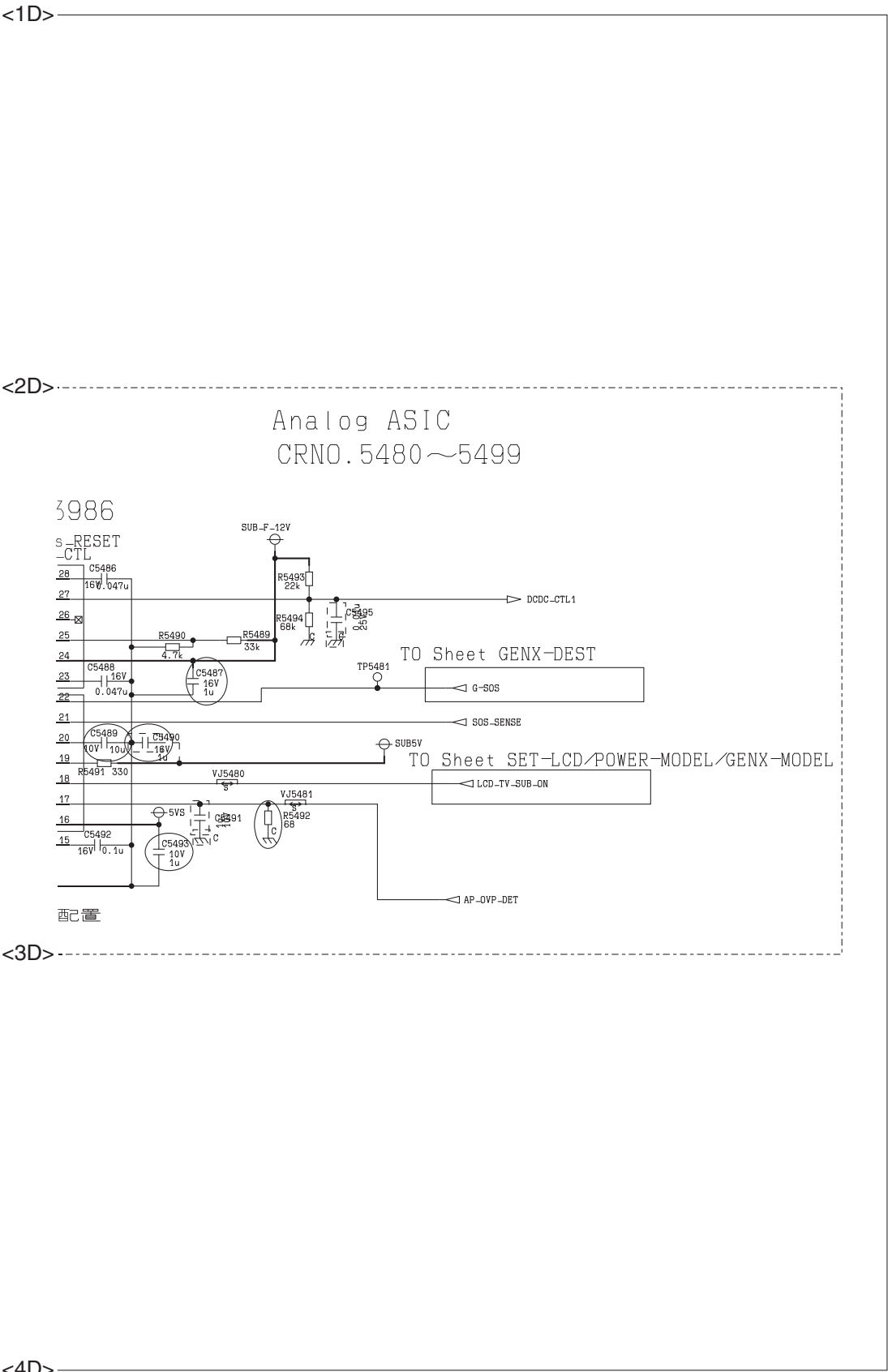
11.2.66. A Board - Sheet : 013 (2 / 5)



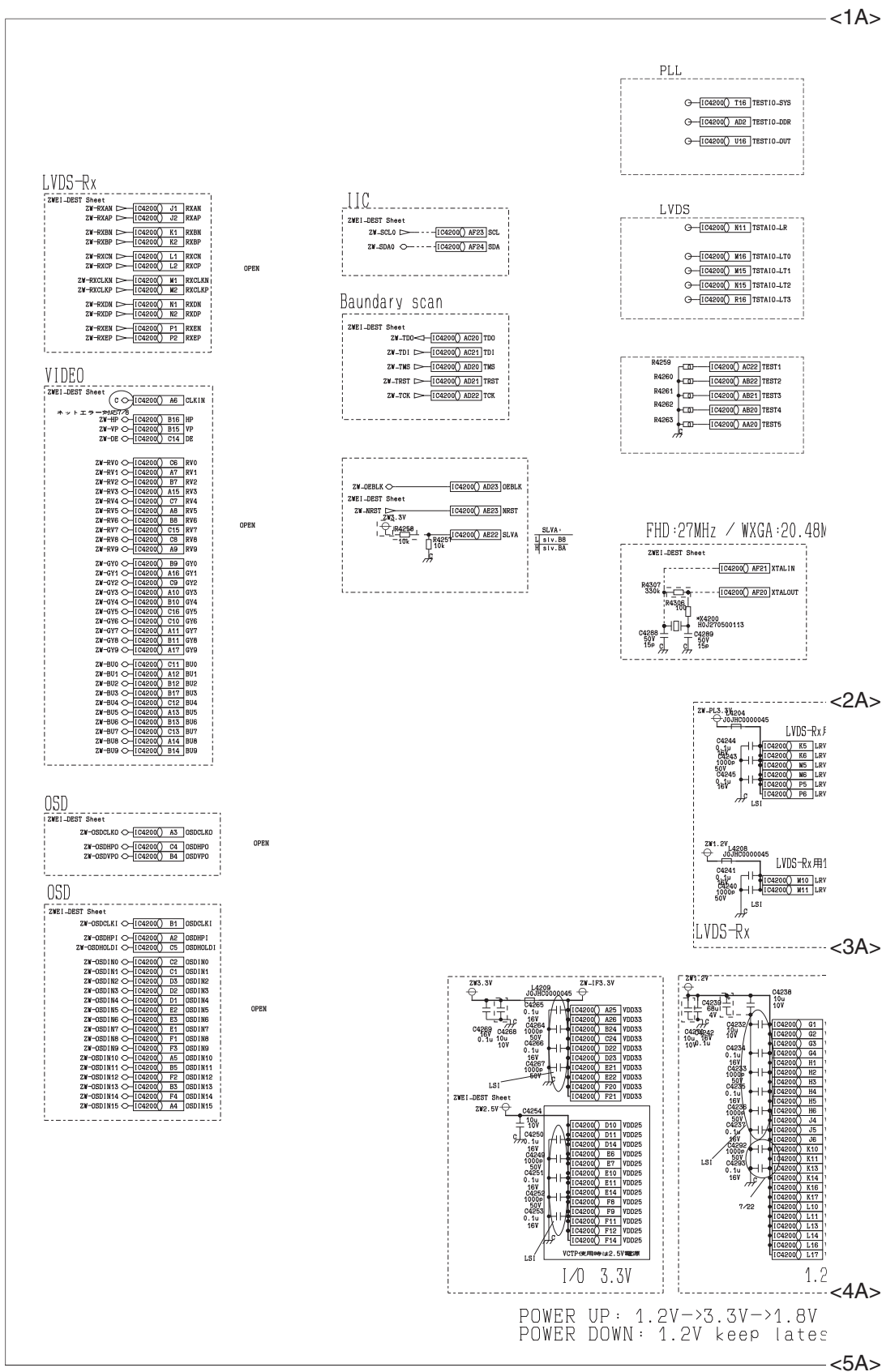
11.2.67. A Board - Sheet : 013 (3 / 5)



11.2.69. A Board - Sheet : 013 (5 / 5)



11.2.70. A Board - Sheet : 014 (1 / 6)

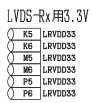


11.2.71. A Board - Sheet : 014 (2 / 6)

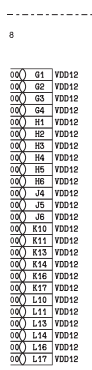
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<2A>



<3A>

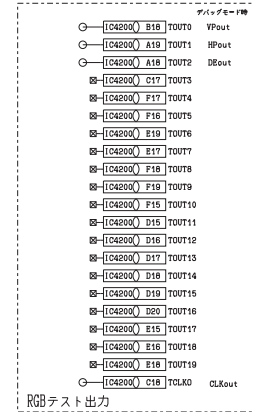


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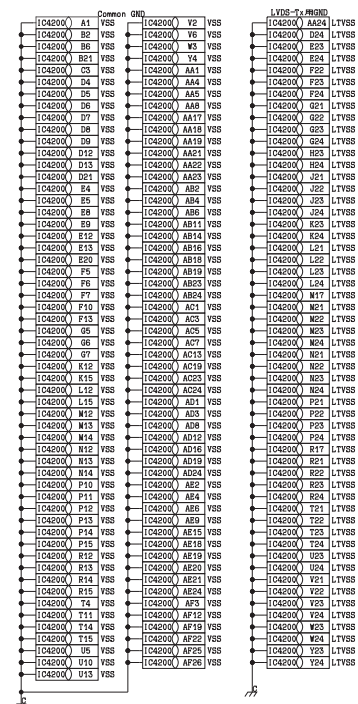


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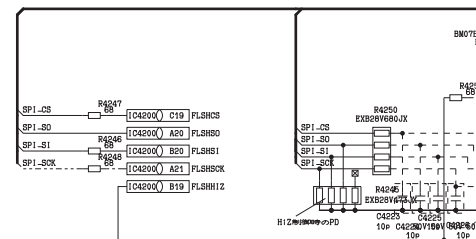
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MN85060



<2B>



SPI-FLASH

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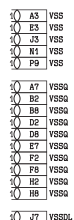
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11.2.74. A Board - Sheet : 014 (5 / 6)

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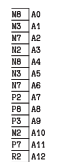
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BGA



<3D>

FBGA



13

14-5



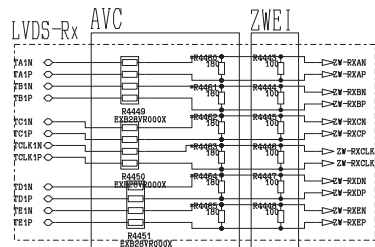
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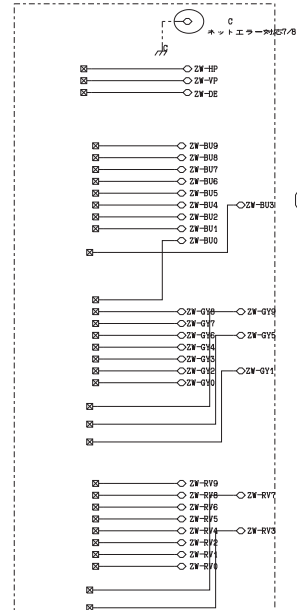
ADV-ZWEI I/F
CRNo. 4400~4499

TAPN ○-○
TASP ○-○
TSEN ○-○
TSEP ○-○
TOSN ○-○
TOSP ○-○
TOLK2N ○-○
TOLK2P ○-○
TOSN ○-○
TOSP ○-○
TSEN ○-○
TSEP ○-○

From AVC31



VIDEO



OPEN

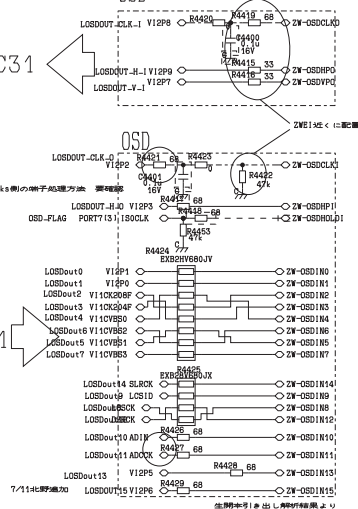
OSD

To AVC31

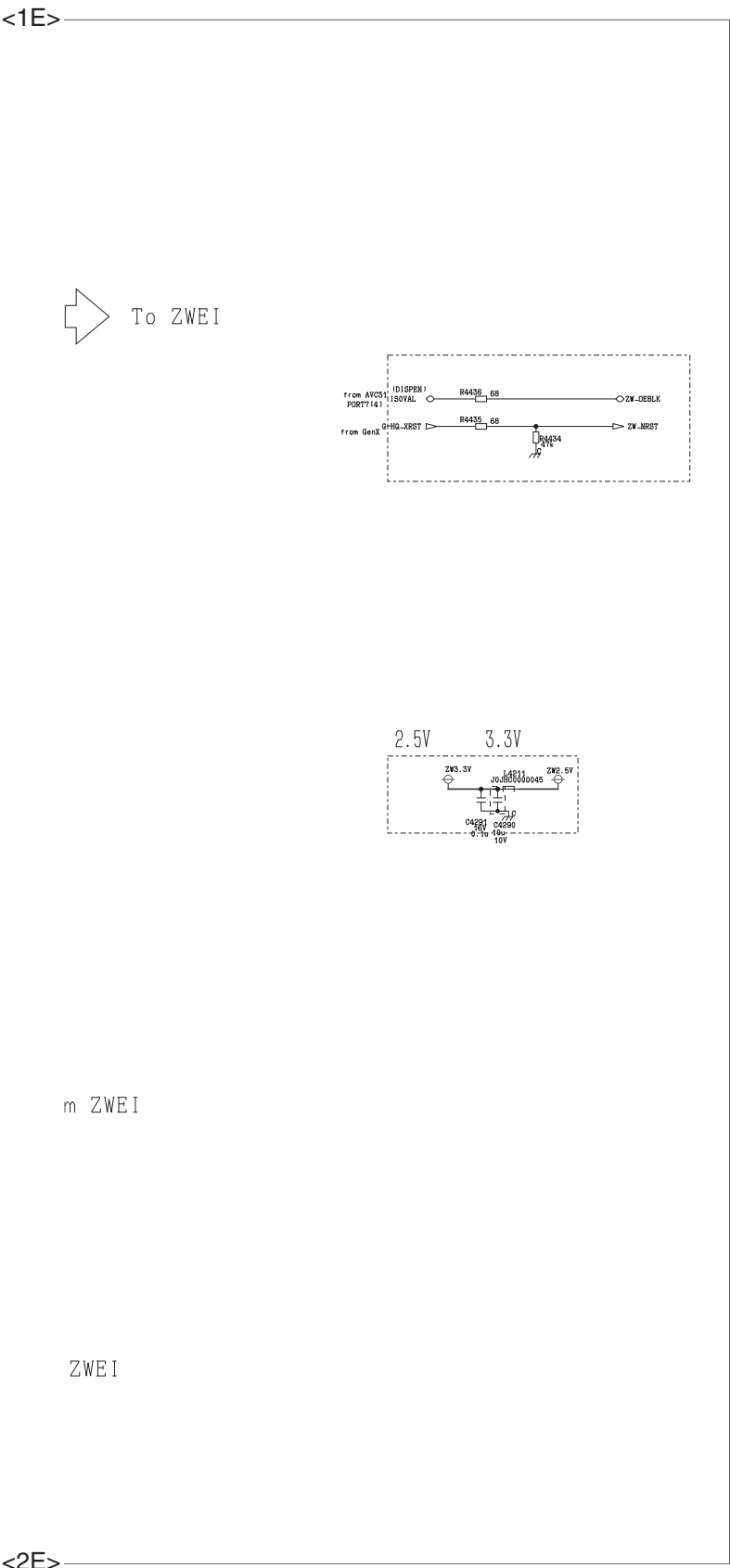
From Z1

From AVC31

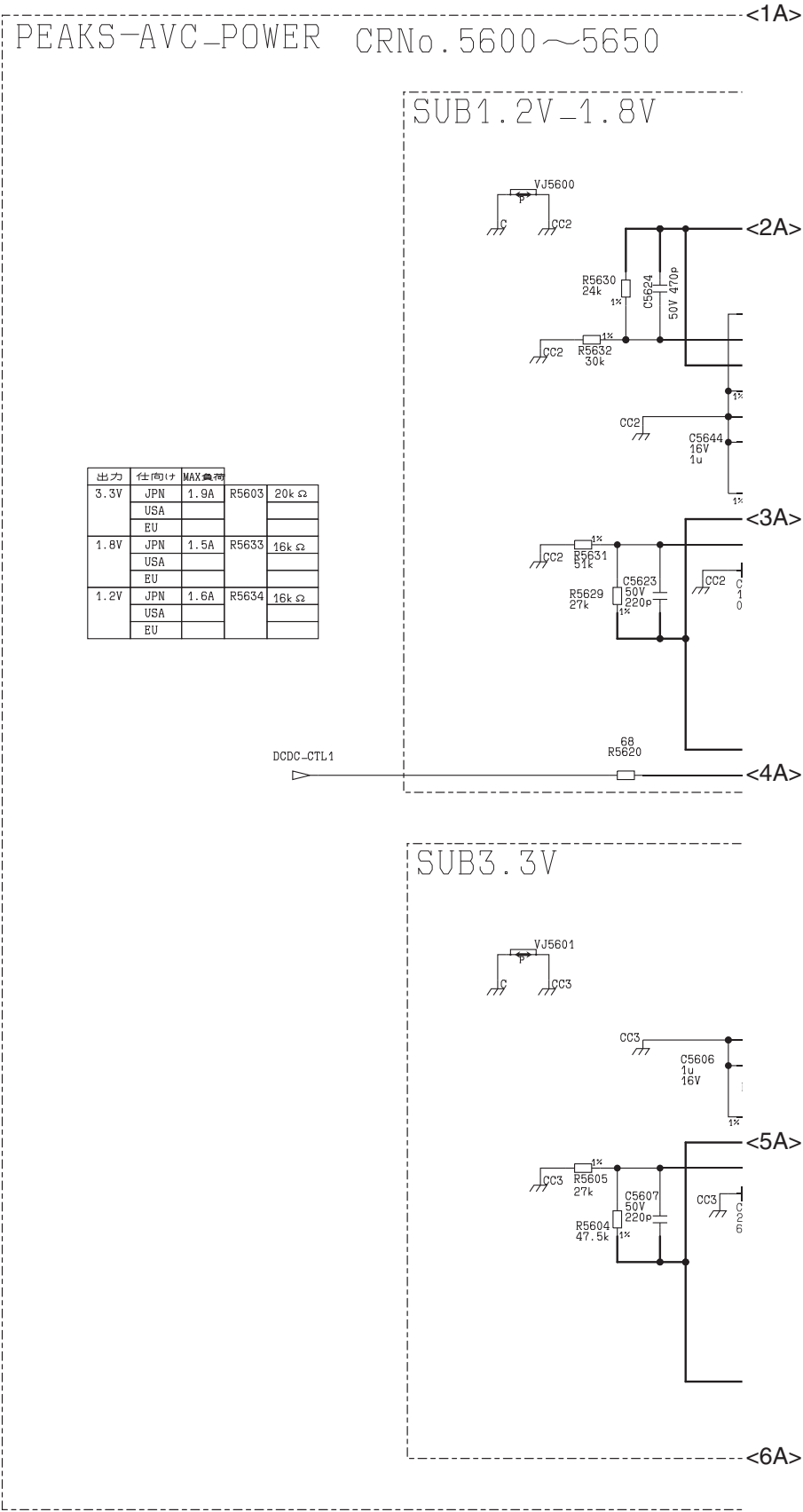
To ZWE



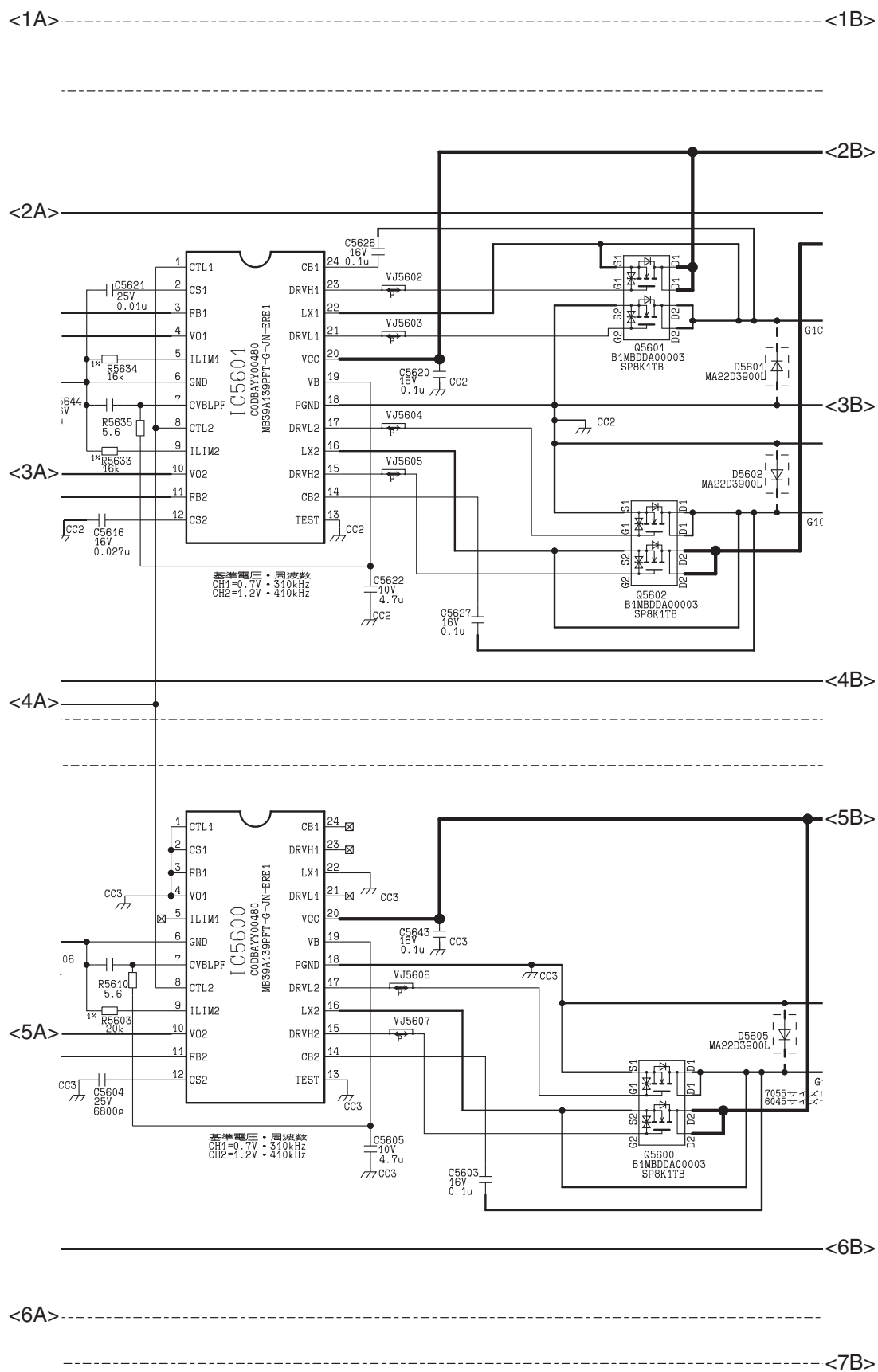
11.2.75. A Board - Sheet : 014 (6 / 6)



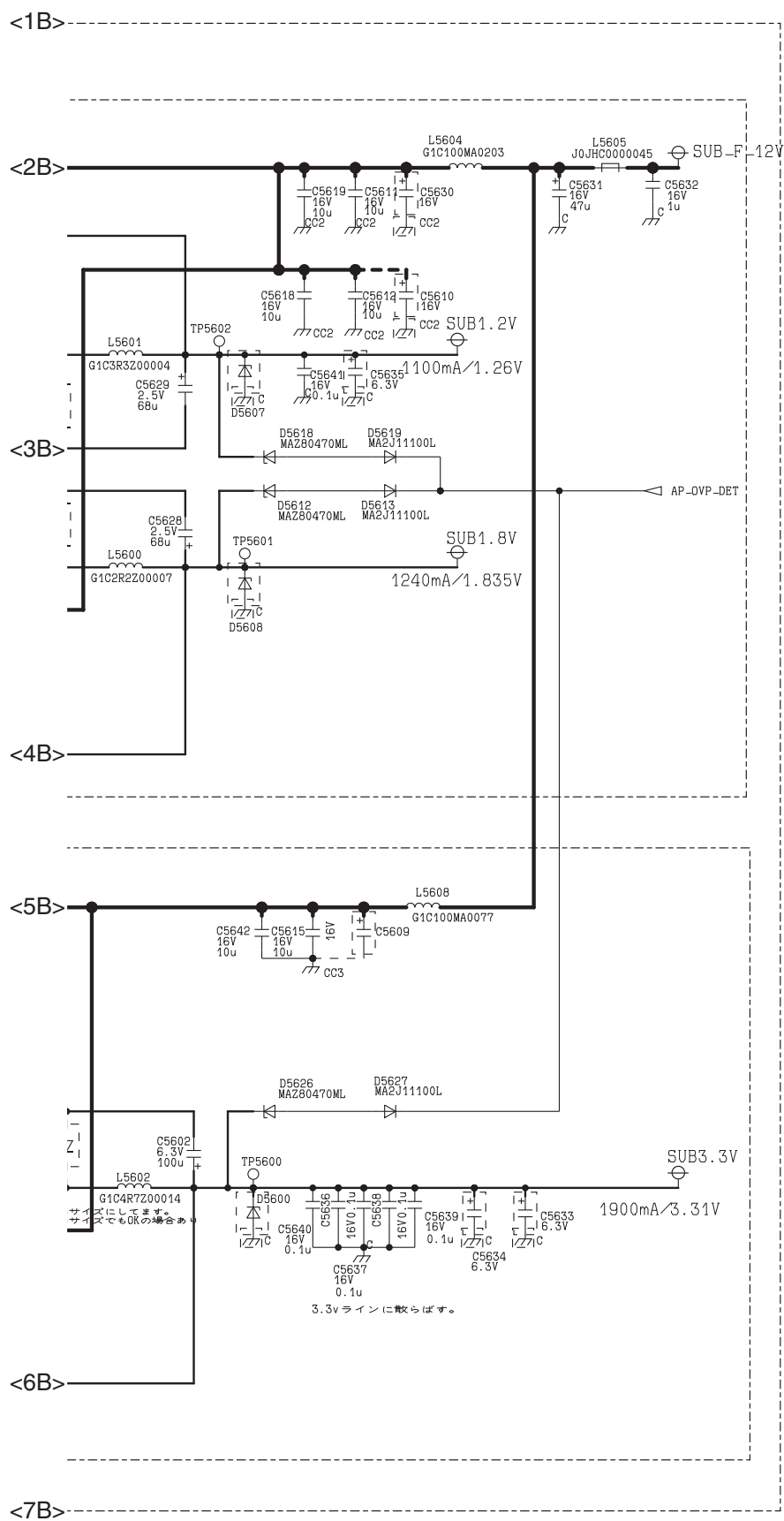
11.2.76. A Board - Sheet : 015 (1 / 3)



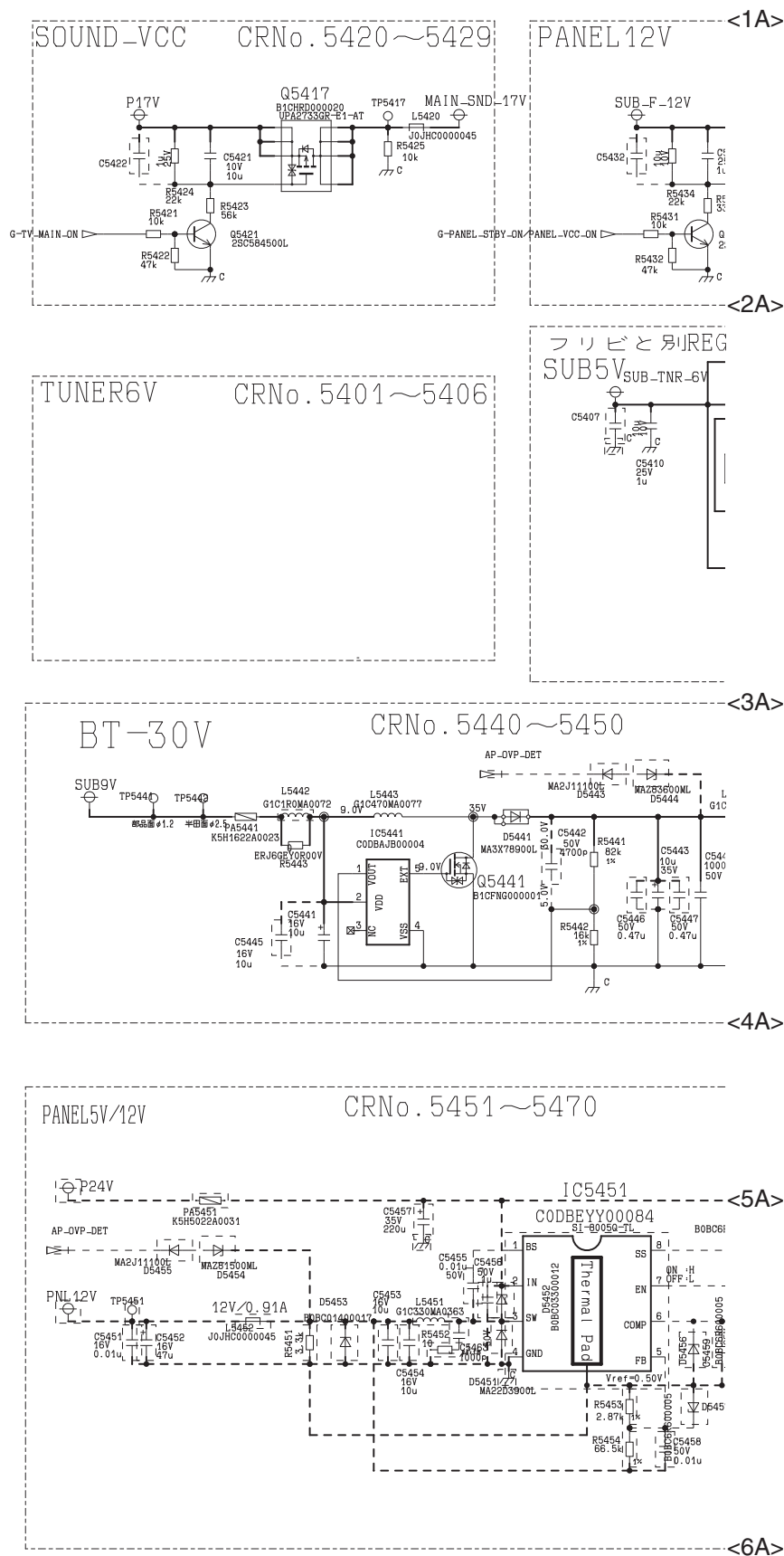
11.2.77. A Board - Sheet : 015 (2 / 3)



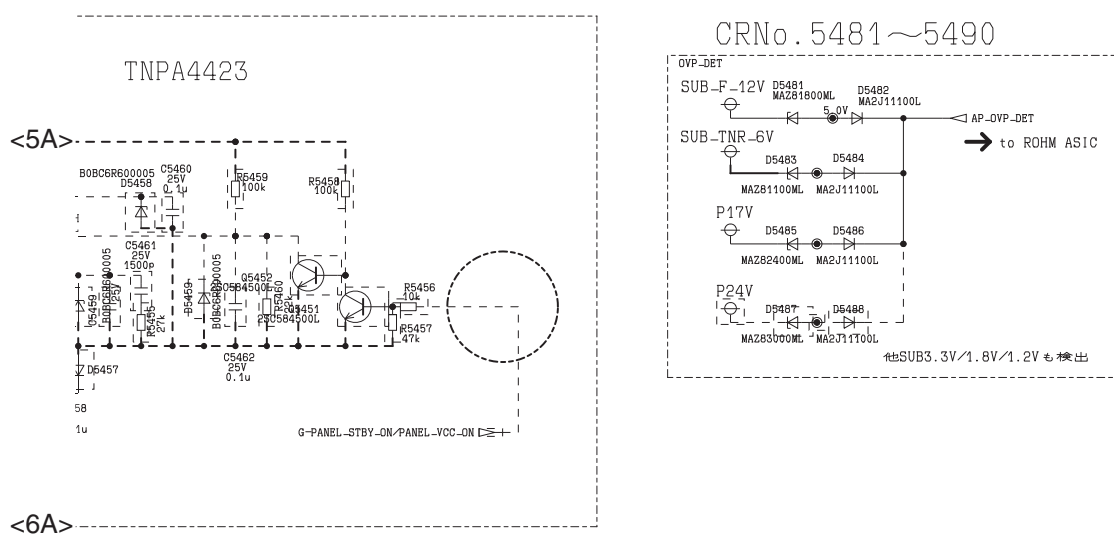
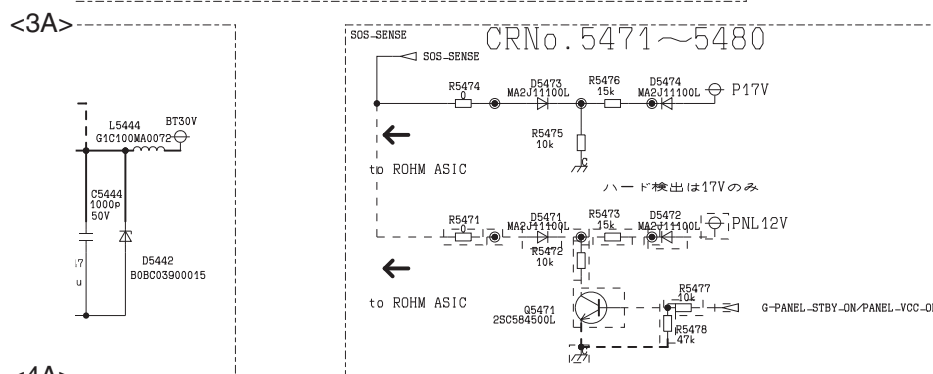
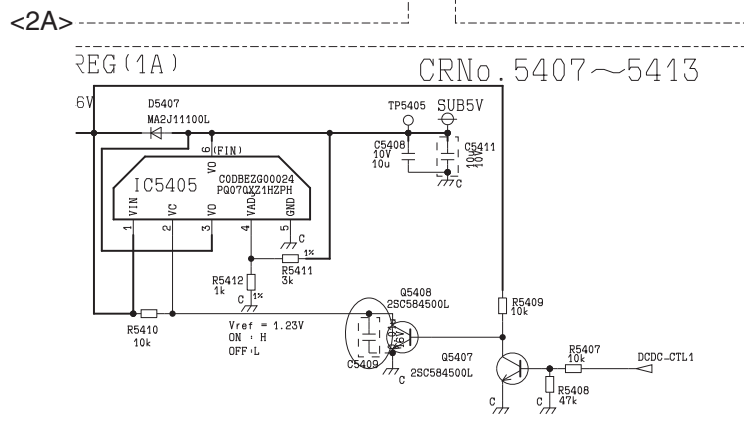
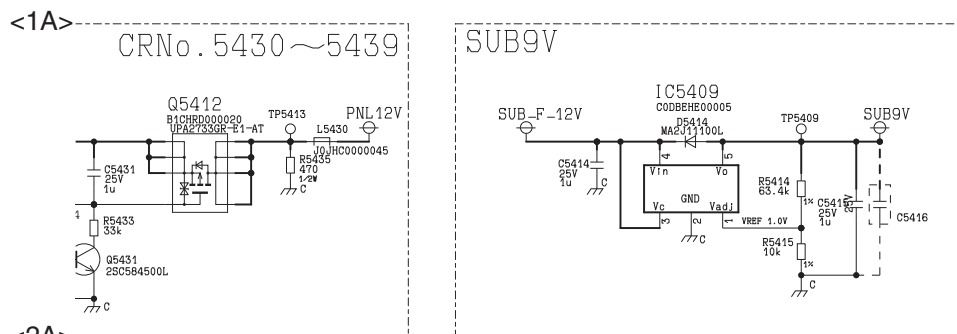
11.2.78. A Board - Sheet : 015 (3 / 3)



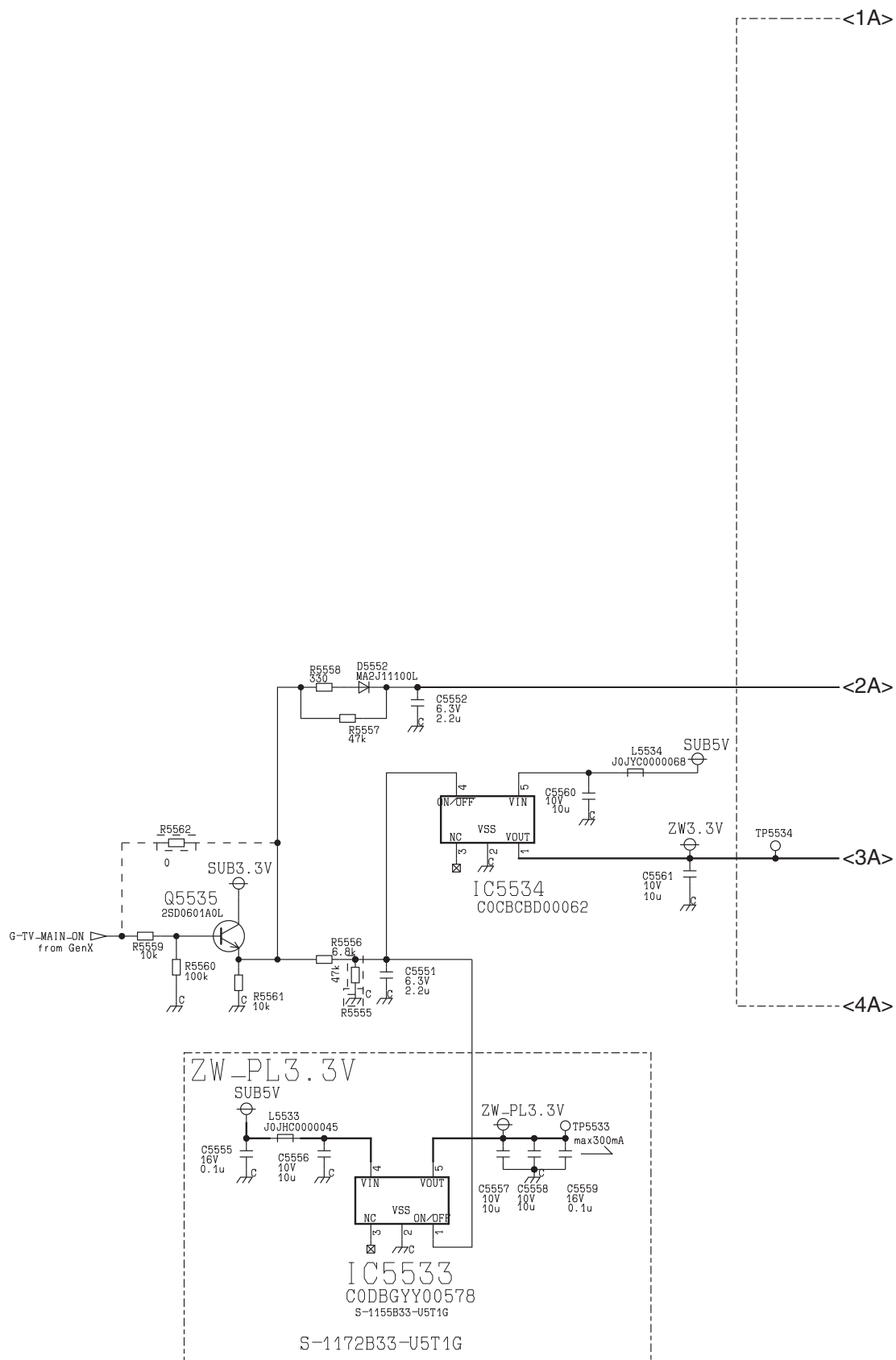
11.2.79. A Board - Sheet : 016 (1 / 2)



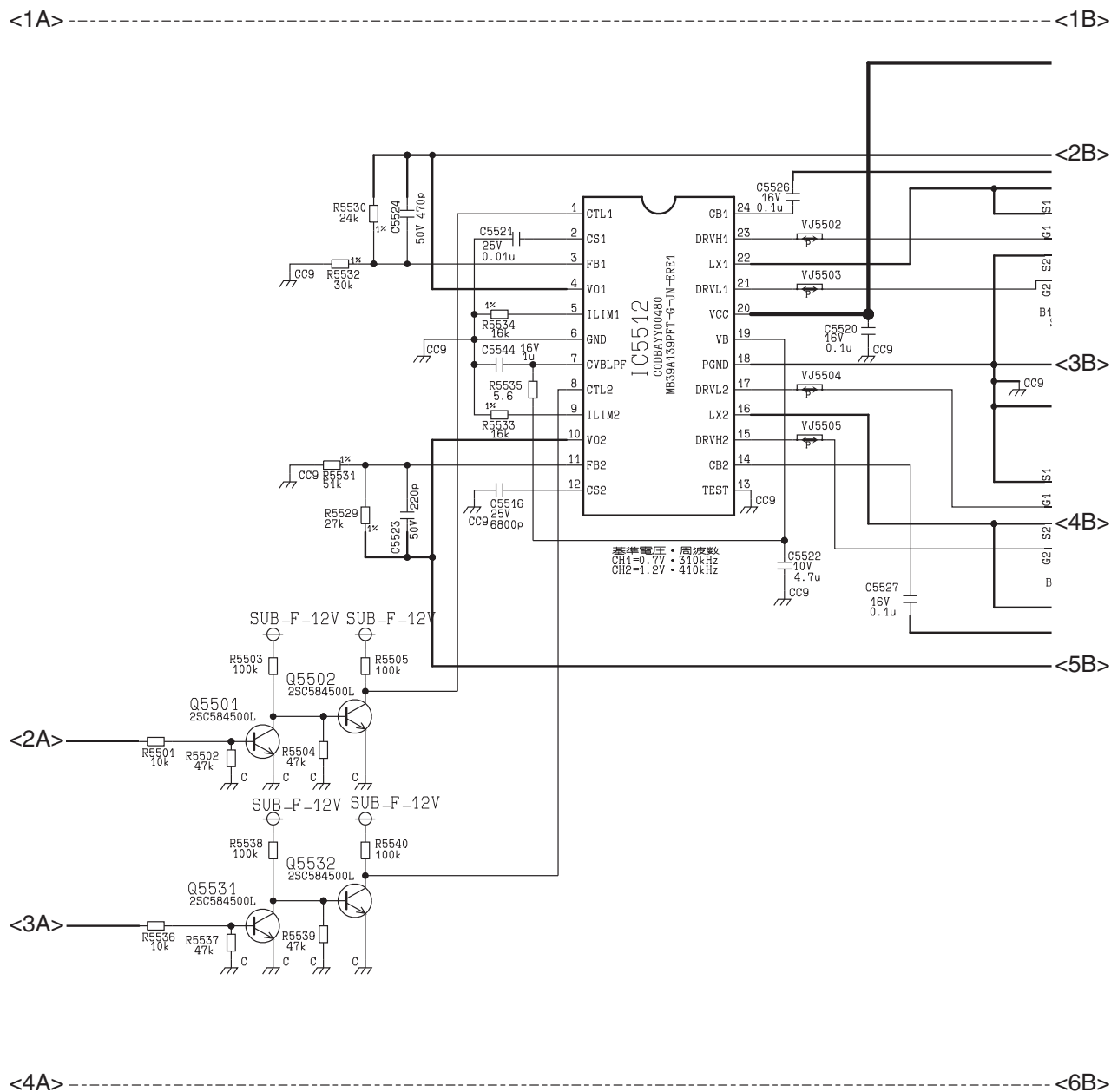
11.2.80. A Board - Sheet : 016 (2 / 2)



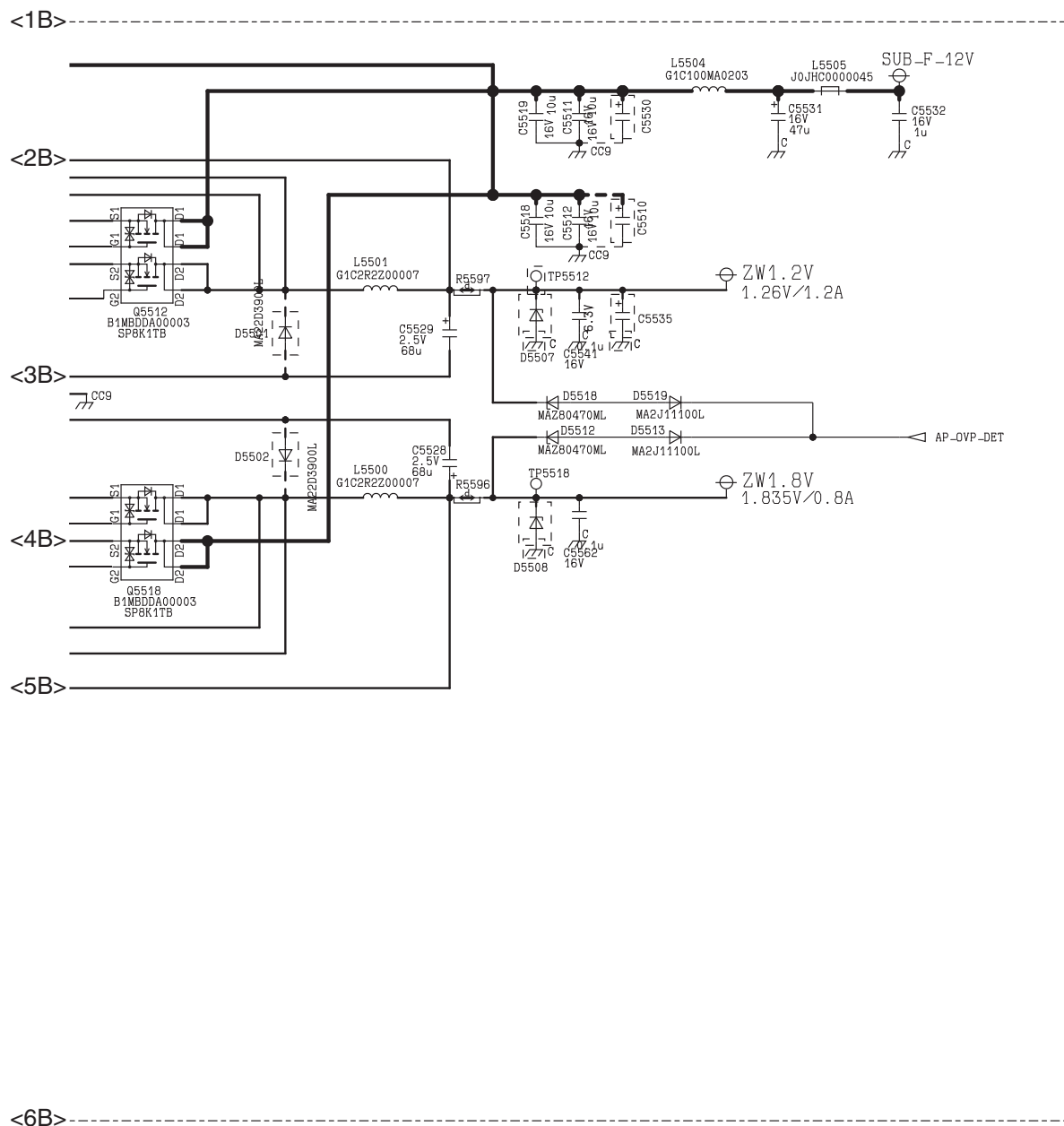
11.2.81. A Board - Sheet : 017 (1 / 3)



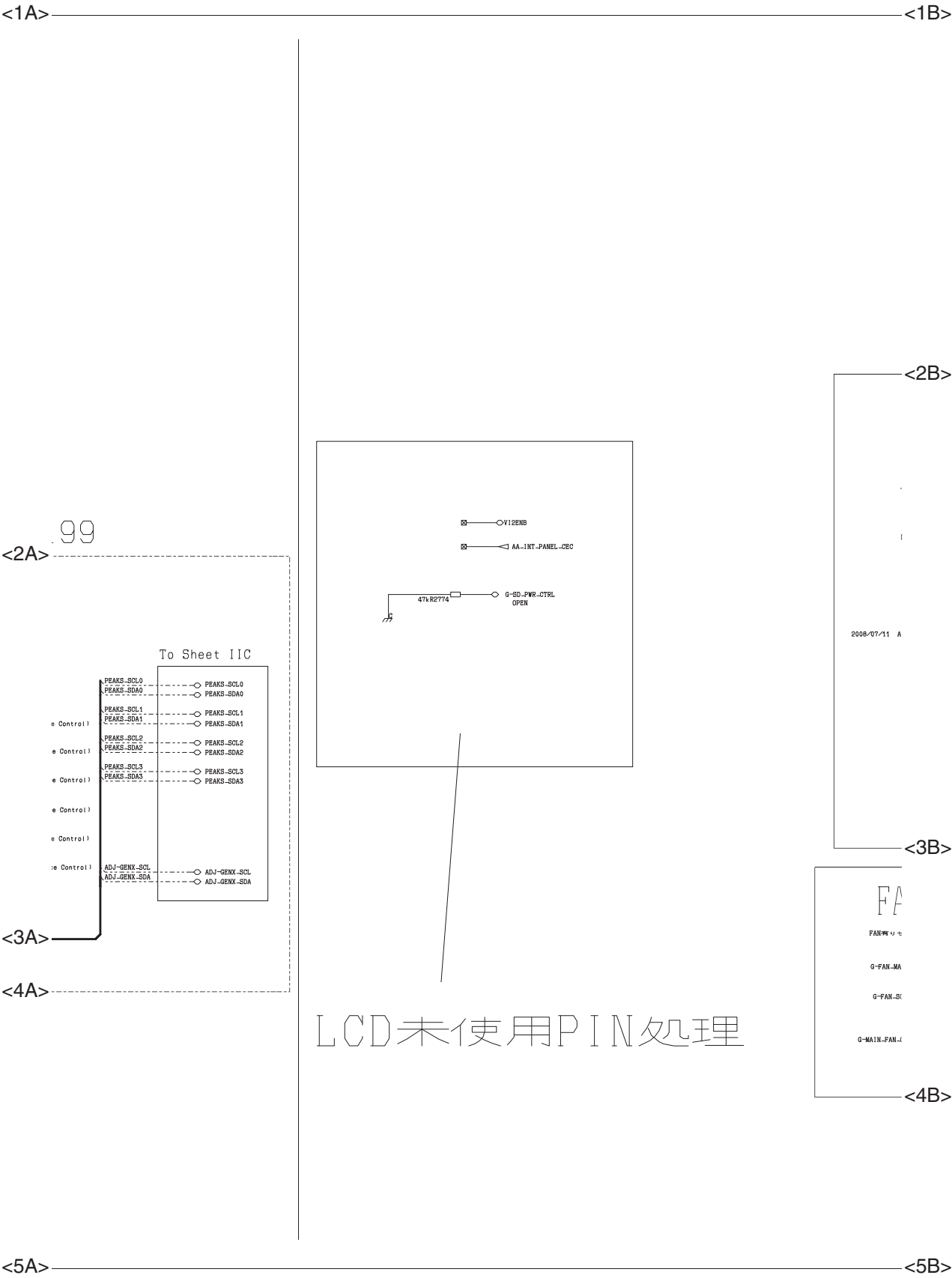
11.2.82. A Board - Sheet : 017 (2 / 3)



11.2.83. A Board - Sheet : 017 (3 / 3)

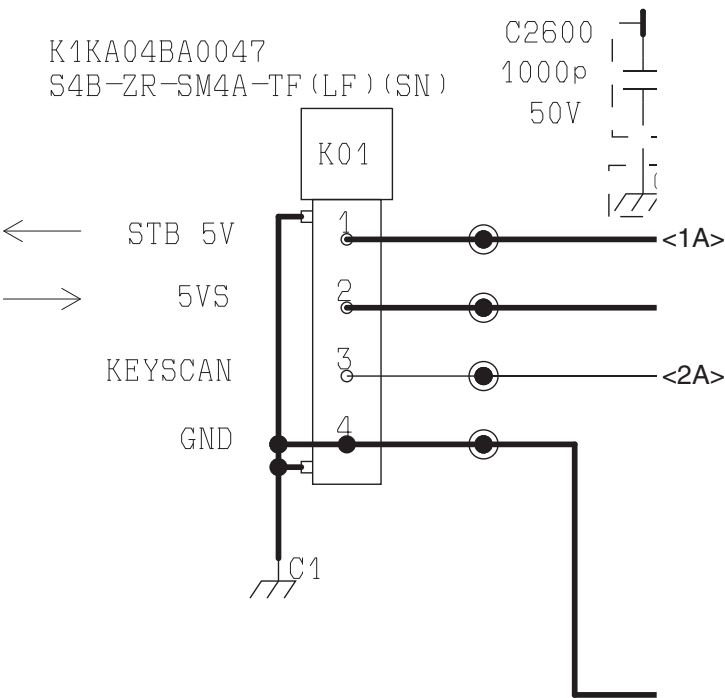


11.2.85. A Board - Sheet : 018 (2 / 4)

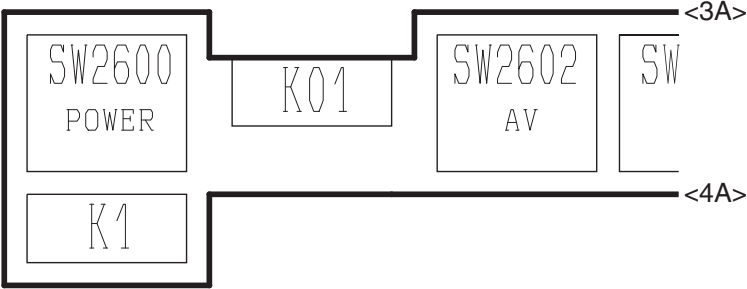


11.3. K Board

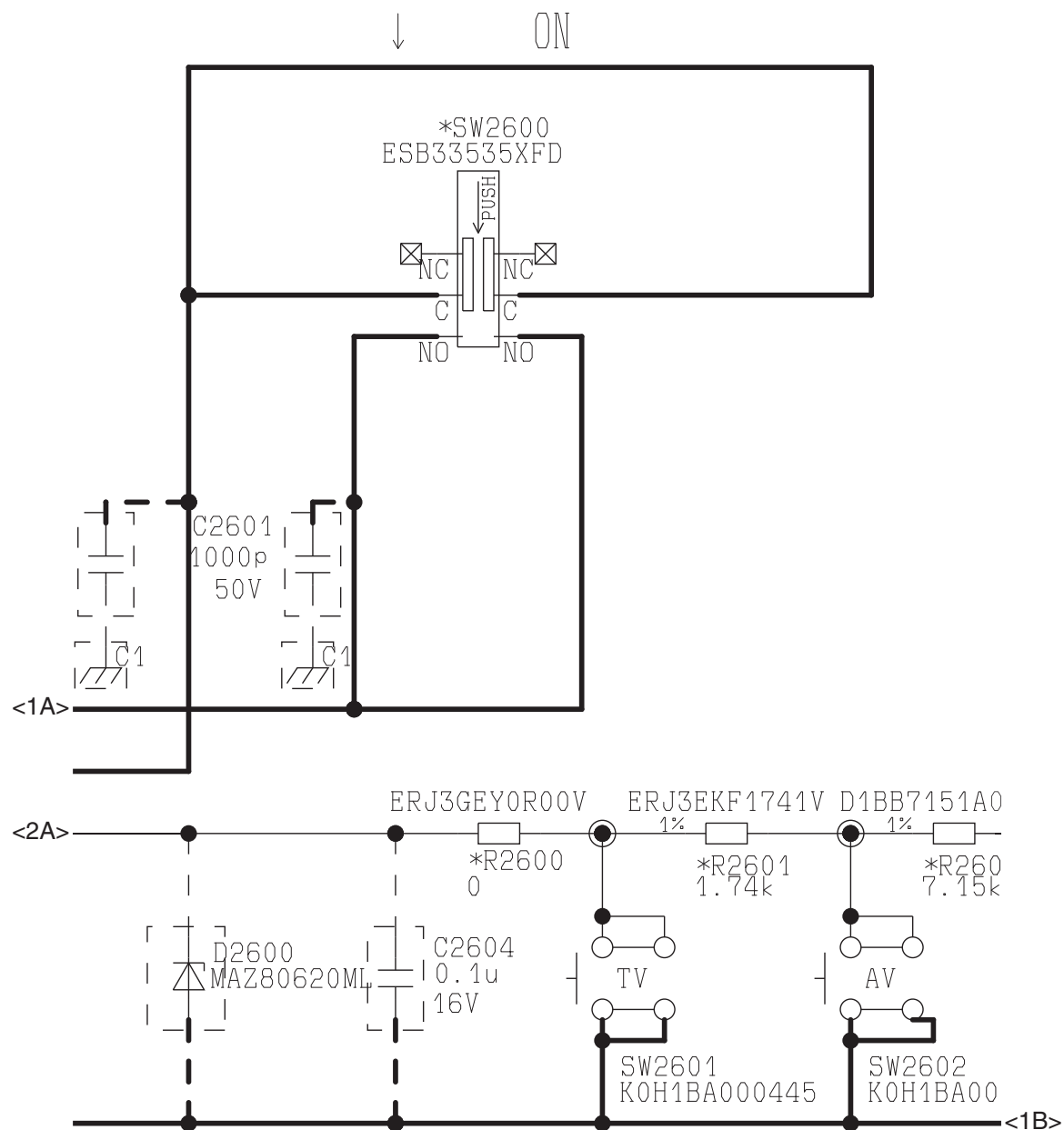
11.3.1. K Board (1 / 3)



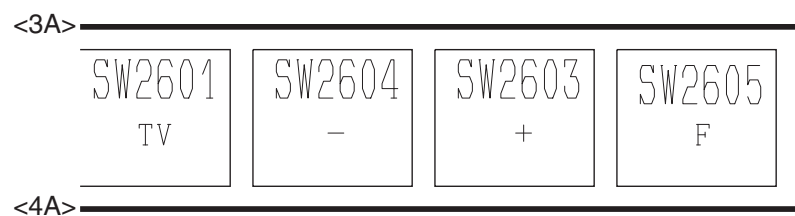
KEY-REFERENCE (PARTS



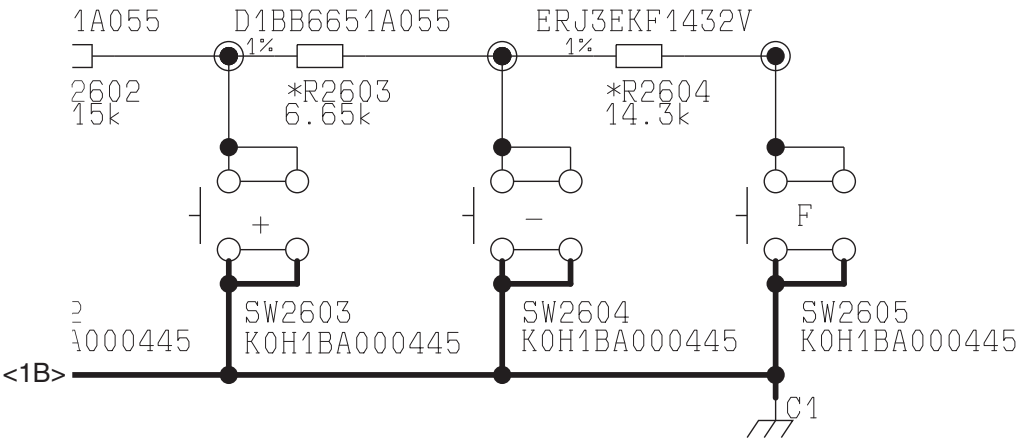
11.3.2. K Board (2 / 3)



3 PATTERN)



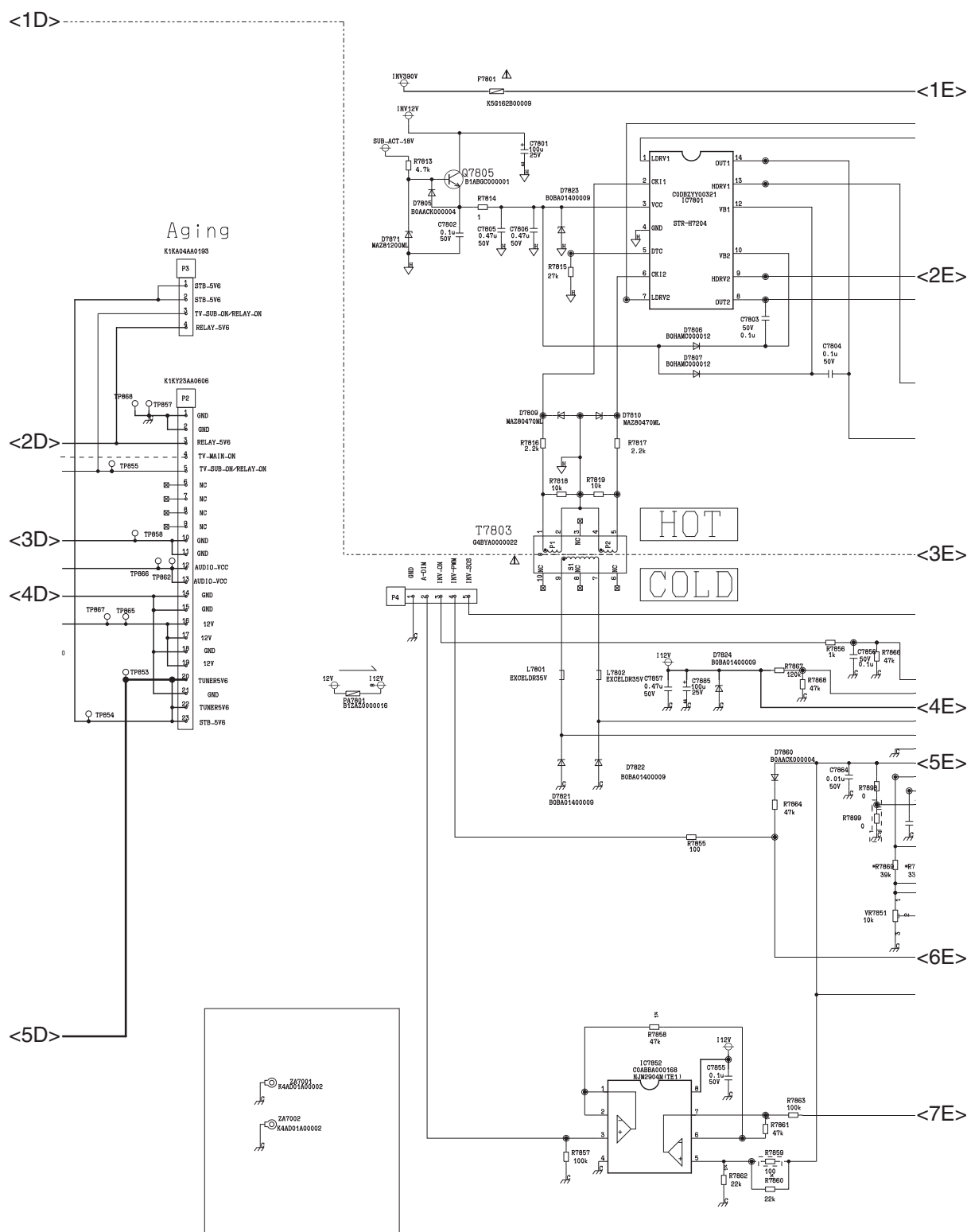
11.3.3. K Board (3 / 3)





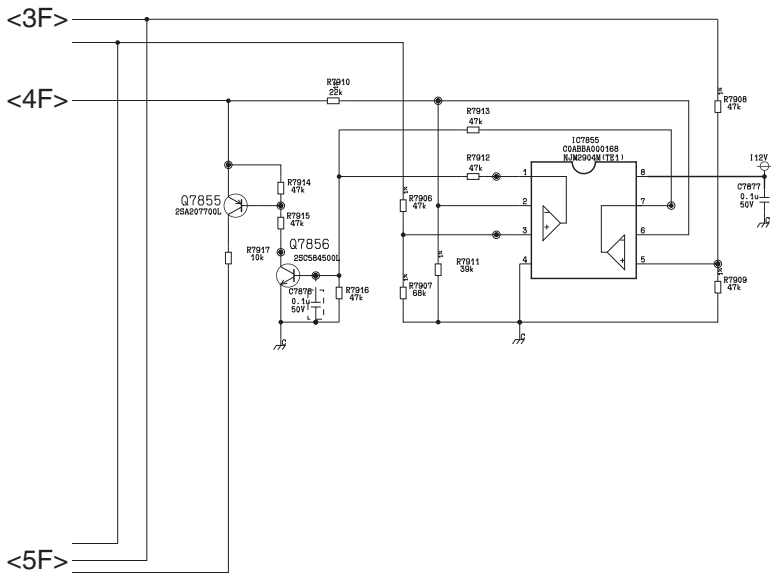
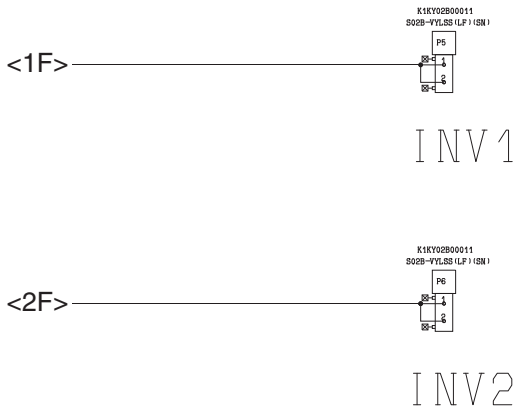


11.4.5. P Board (5 / 7)



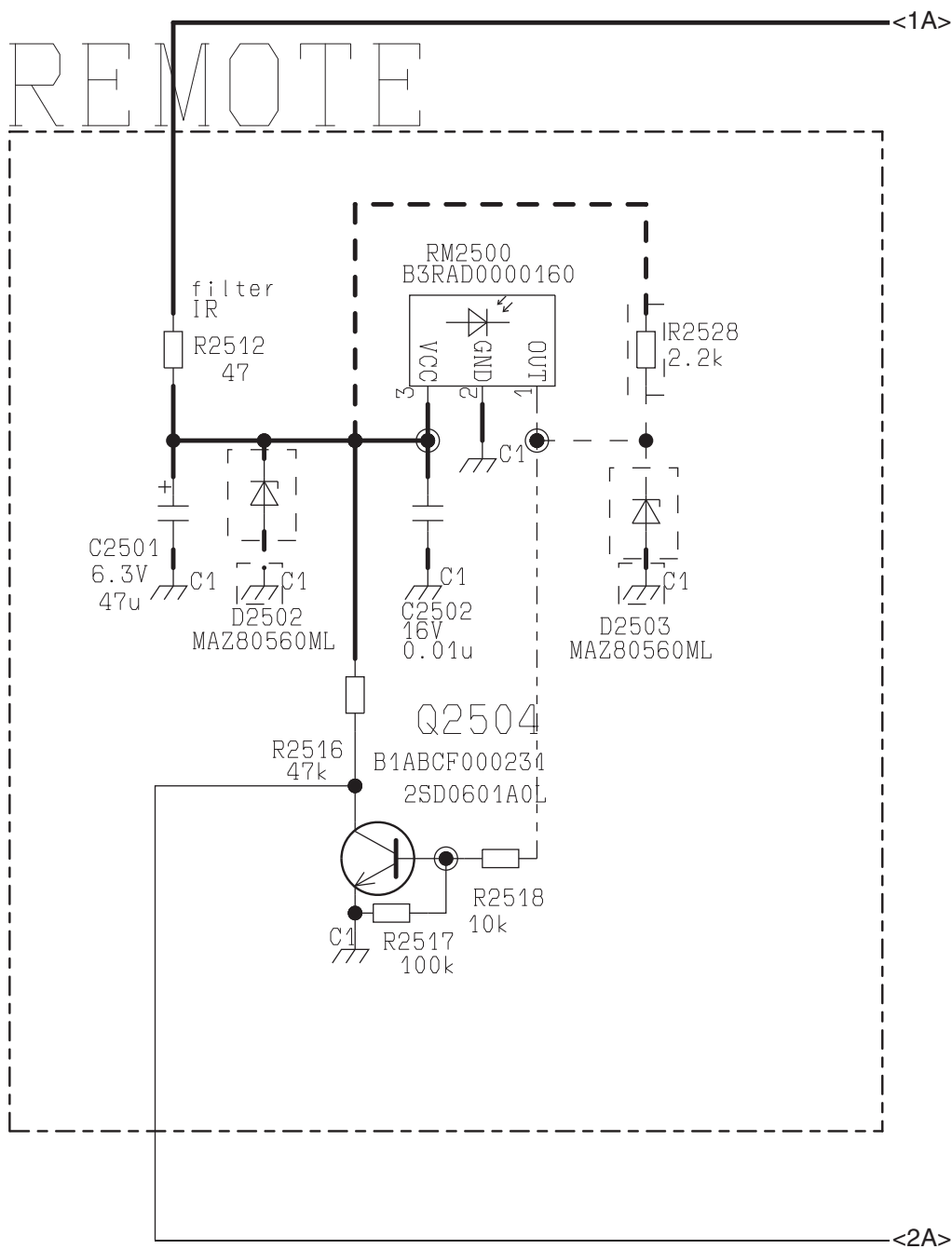


11.4.7. P Board (7 / 7)

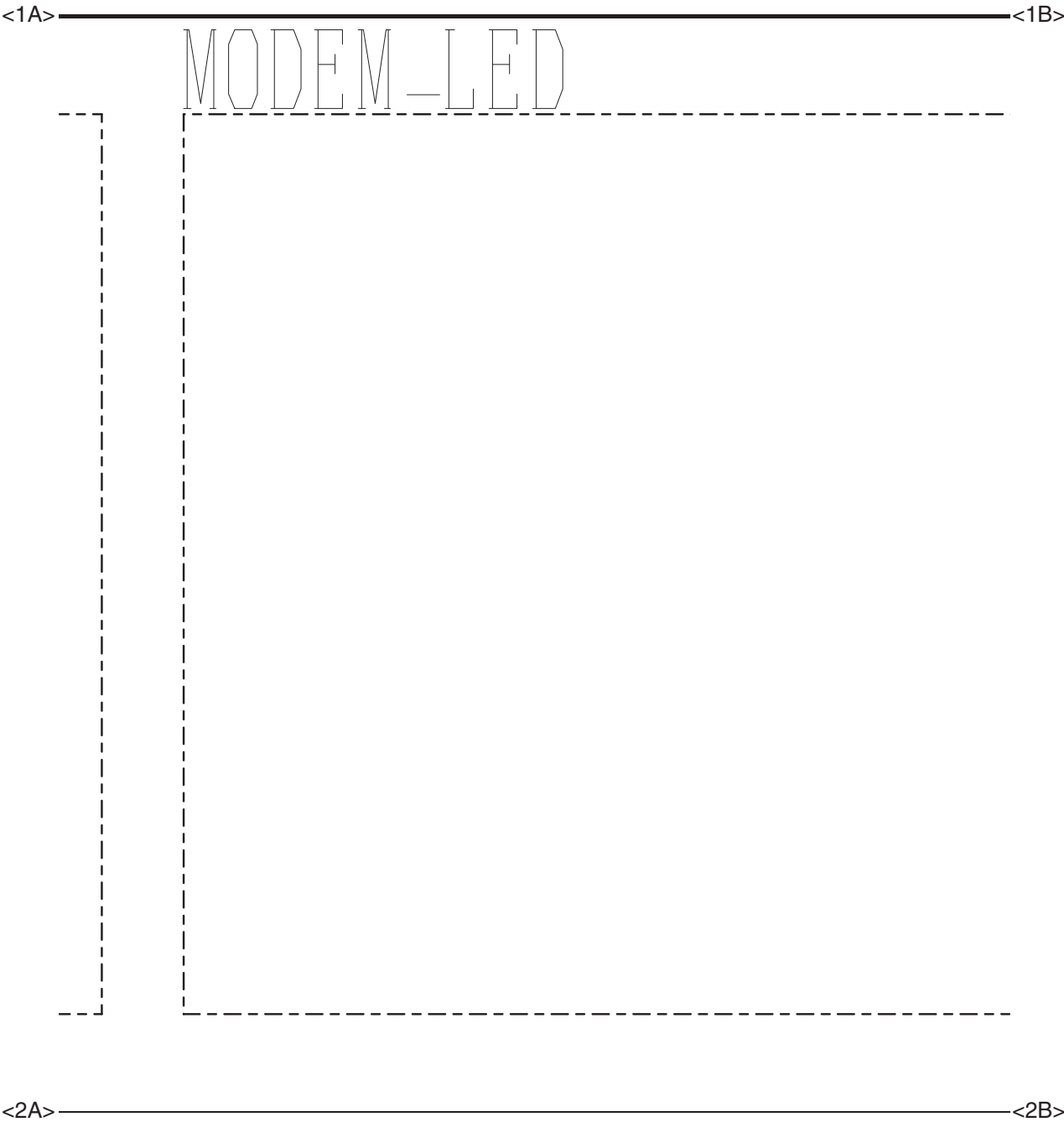


11.5. V Board

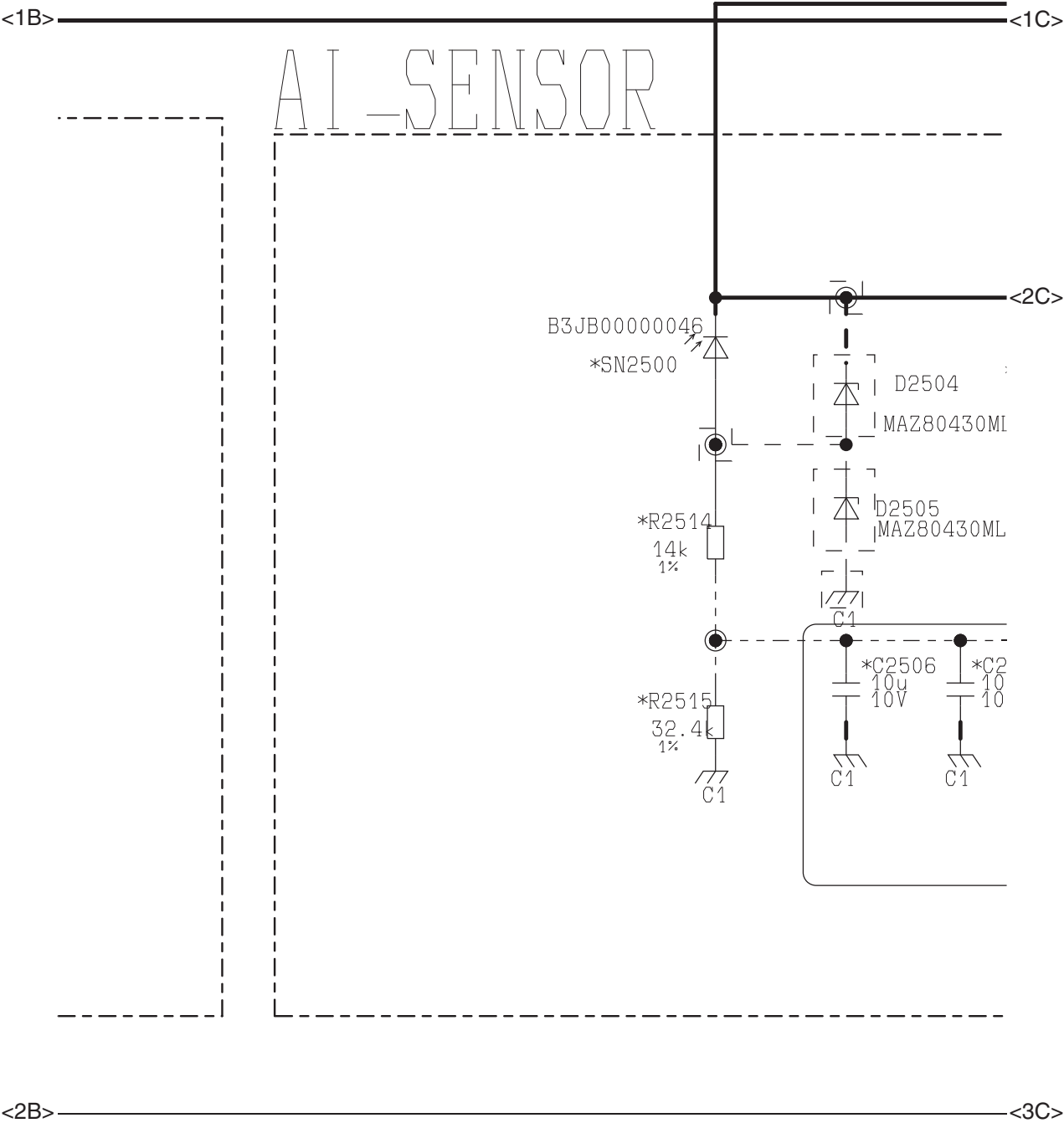
11.5.1. V Board (1 / 6)



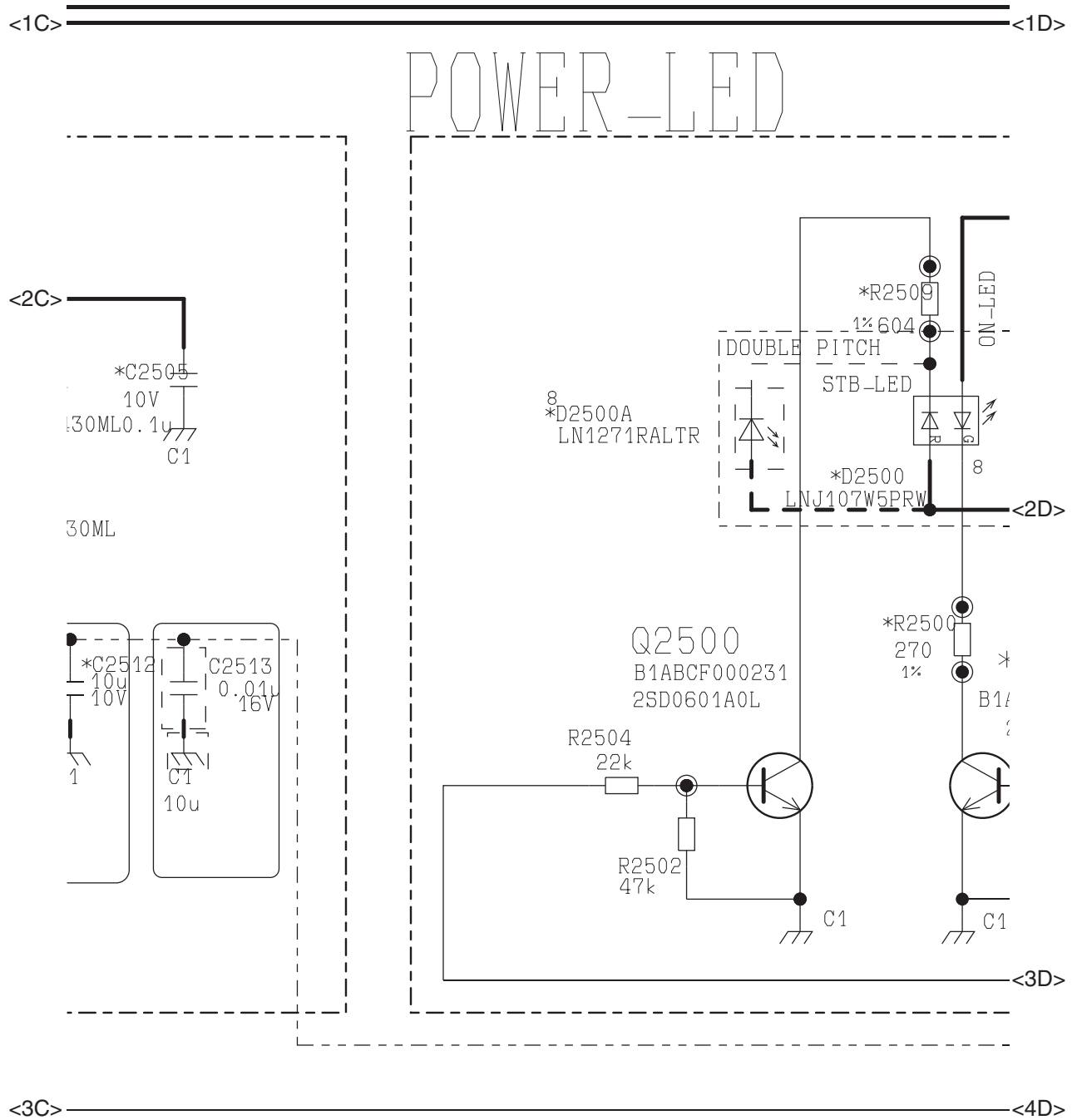
11.5.2. V Board (2 / 6)



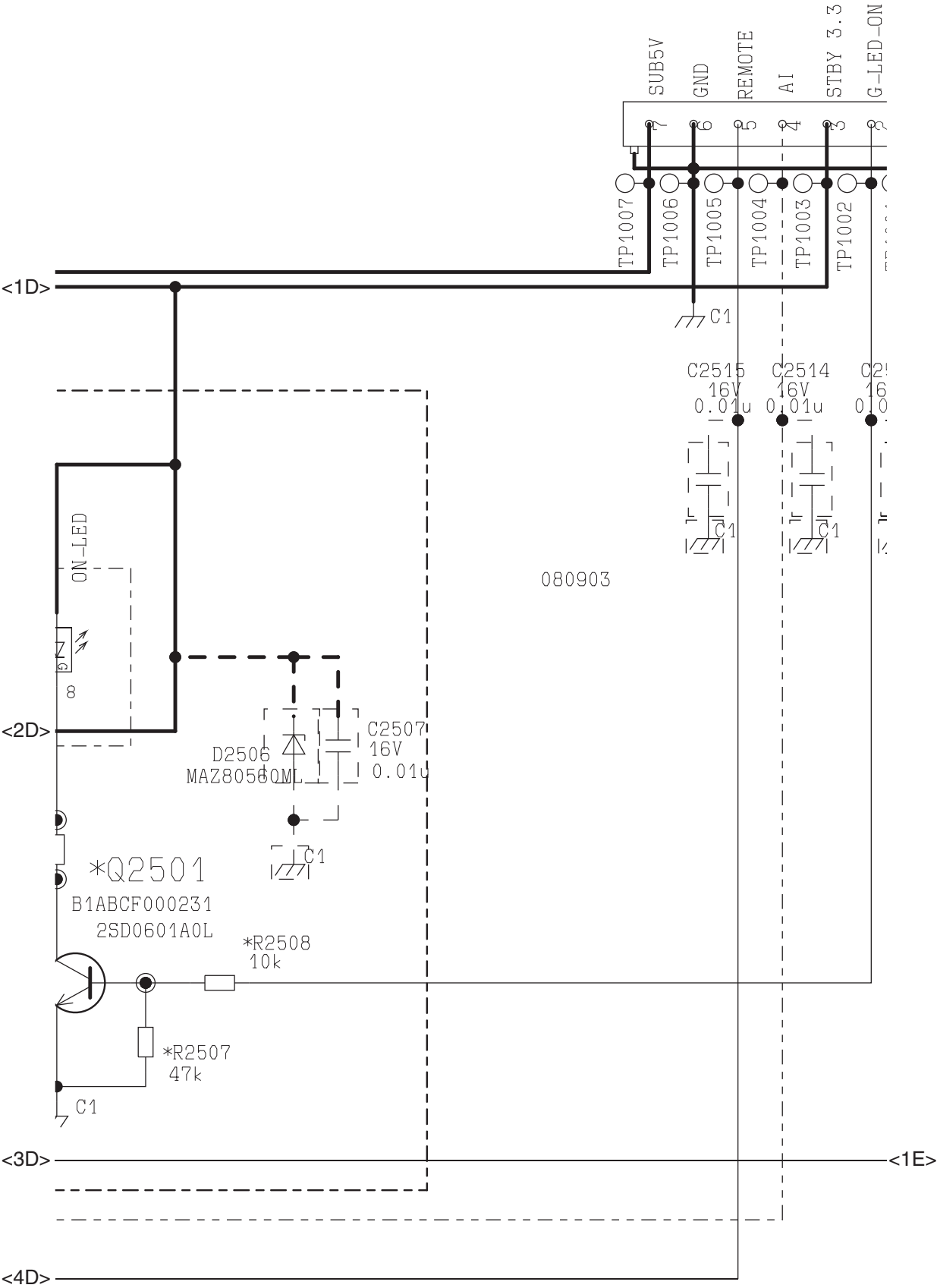
11.5.3. V Board (3 / 6)



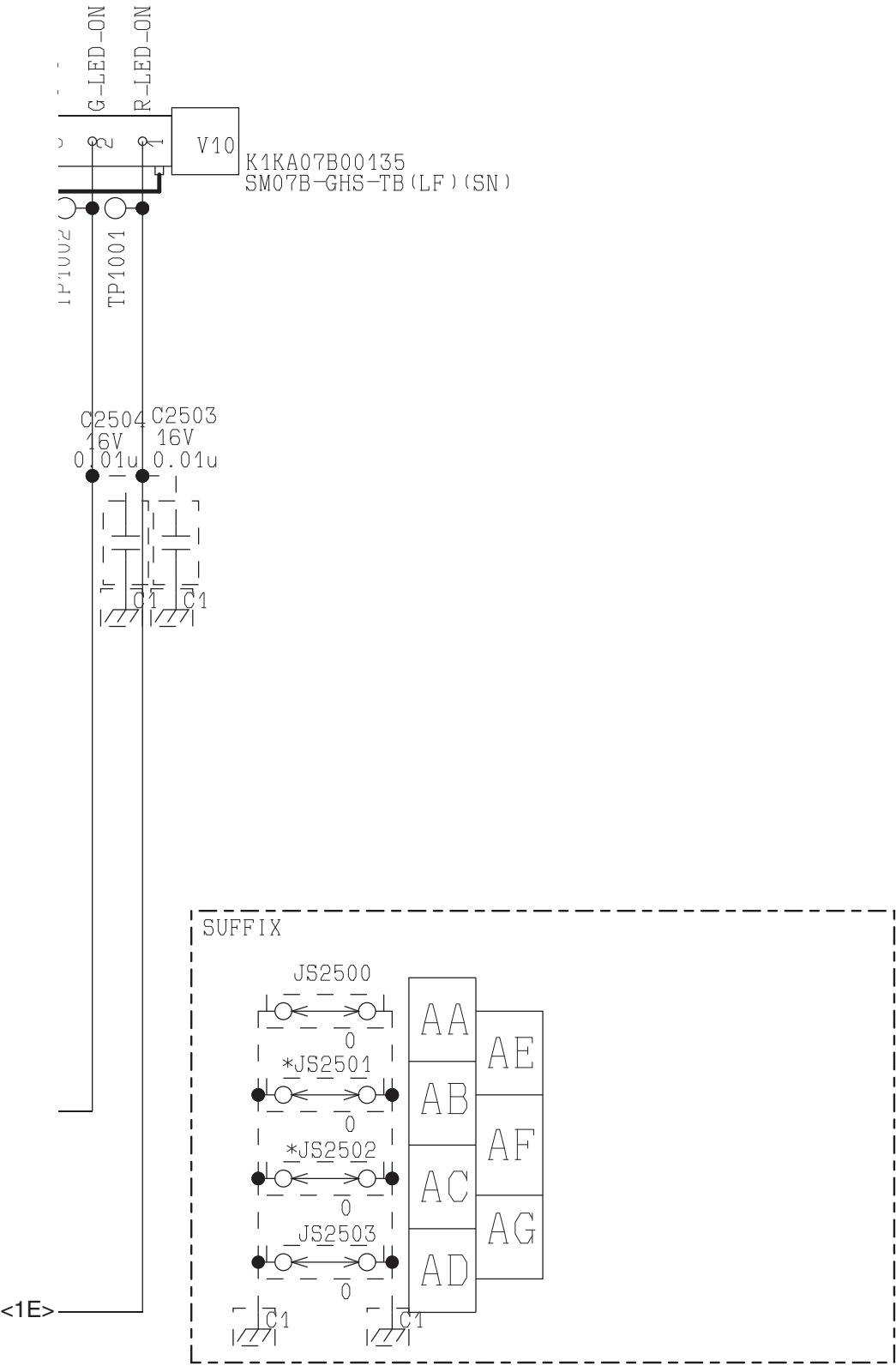
11.5.4. V Board (4 / 6)



11.5.5. V Board (5 / 6)



11.5.6. V Board (6 / 6)



12 Exploded View and Replacement Parts List

12.1. Exploded View and Mechanical Replacement Parts List

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

12.2. Electrical Replacement Parts List

12.2.1. Replacement Parts List Notes

Important Safety Notice

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

Note: Printed circuit board assembly with “NLA” is no longer available after production discontinuation of the complete set.

Abbreviation of part name and description

1. Resistor

Example :
ERD25TJ104 **C** 100 KΩ, **J**, 1/4 W
Type Allowance

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

2. Capacitor

Example :
ECKF1H103ZF **C** 0.01 μF, **Z**, 50 V
Type Allowance

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

12.2.2. Electrical Replacement Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
		CAPACITORS		
	C0943	F1G1H100A731	CHIP RESISTOR	
	C0944	F1G1H100A731	CHIP RESISTOR	
	C1029	F1G1C104A116	CERAMIC CAPACITOR	
	C1102	F1J1A106A043	CERAMIC CAPACITOR	
	C1103	F1G1C104A116	CERAMIC CAPACITOR	
	C1104	F1G1C104A116	CERAMIC CAPACITOR	
	C1106	F1H1H270A971	CHIP CAPACITOR	
	C1107	F1G1H270A731	CERAMIC CAPACITOR	
	C1108	F1G1C104A116	CERAMIC CAPACITOR	
	C1109	F1H1A1050032	CERAMIC CAPACITOR	
	C1111	F1H1A1050032	CERAMIC CAPACITOR	
	C1112	F1G1C104A116	CERAMIC CAPACITOR	
	C1114	F1G1C104A116	CERAMIC CAPACITOR	
	C1117	F1G1C104A116	CERAMIC CAPACITOR	
	C1122	F1G1E103A123	CERAMIC CAPACITOR	
	C1123	F1H1A1050032	CERAMIC CAPACITOR	
	C2023	F1G1C104A116	CERAMIC CAPACITOR	
	C2049	F1G1C104A116	CERAMIC CAPACITOR	
	C2050	F1G1C104A116	CERAMIC CAPACITOR	
	C2055	F1G1H120A731	CERAMIC CAPACITOR	
	C2056	F1G1H180A731	CERAMIC CAPACITOR	
	C2058	F1G1C104A116	CERAMIC CAPACITOR	
	C2059	F1J1A106A043	CERAMIC CAPACITOR	
	C2091	F1G1H330A731	CHIP CAPACITOR	
	C2092	F1G1H220A731	CERAMIC CAPACITOR	
	C2096	F1G1C104A116	CERAMIC CAPACITOR	
	C2098	EEEB0J221UP	CERAMIC CAPACITOR	
	C2099	EEEB0J221UP	CERAMIC CAPACITOR	
	C2102	F1G1C104A116	CERAMIC CAPACITOR	
	C2105	F1G1C104A116	CERAMIC CAPACITOR	
	C2106	F1G1C104A116	CERAMIC CAPACITOR	
	C2107	F1J1A106A043	CERAMIC CAPACITOR	
	C2108	F1J1A106A043	CERAMIC CAPACITOR	
	C2109	F1G1C104A116	CERAMIC CAPACITOR	
	C2110	F1G1C104A116	CERAMIC CAPACITOR	
	C2111	F1J1A475A039	CERAMIC CAPACITOR	
	C2112	F1J1A106A043	CERAMIC CAPACITOR	
	C2113	F1J1A106A043	CERAMIC CAPACITOR	
	C2114	F1G1C104A116	CERAMIC CAPACITOR	
	C2115	F1G1C104A116	CERAMIC CAPACITOR	
	C2117	F1G1C104A116	CERAMIC CAPACITOR	
	C2118	F1J1A475A039	CERAMIC CAPACITOR	
	C2120	F1G1H560A731	CHIP CAPACITOR	
	C2121	F1G1H560A731	CHIP CAPACITOR	
	C2122	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2123	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2124	F1G1C104A116	CERAMIC CAPACITOR	
	C2125	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2127	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2128	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2129	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2135	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2136	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2137	F1J1A106A043	CERAMIC CAPACITOR	
	C2192	F1J1A106A043	CERAMIC CAPACITOR	
	C2216	F1G1C104A116	CERAMIC CAPACITOR	
	C2244	F1G1C104A116	CERAMIC CAPACITOR	
	C2245	F1G1H102A730	CERAMIC CAPACITOR	
	C2251	F1J1A106A043	CERAMIC CAPACITOR	
	C2261	F1J1A106A043	CERAMIC CAPACITOR	
	C2262	F1J1A106A043	CERAMIC CAPACITOR	
	C2263	F1J1A106A043	CERAMIC CAPACITOR	
	C2264	F1J1A106A043	CERAMIC CAPACITOR	
	C2301	F1G1C104A116	CERAMIC CAPACITOR	
	C2302	F1G1C104A116	CERAMIC CAPACITOR	
	C2303	F1J1E105A171	CERAMIC CAPACITOR	
	C2305	F1J1E105A171	CERAMIC CAPACITOR	
	C2309	F1J1E105A171	CERAMIC CAPACITOR	
	C2313	F1H1A1050032	CERAMIC CAPACITOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C2317	F1H1H104A970	CHIP CAPACITOR	
	C2319	F1H1H104A970	CHIP CAPACITOR	
	C2321	F1H1H104A970	CHIP CAPACITOR	
	C2323	F1H1H104A970	CHIP CAPACITOR	
	C2325	F1J1H474A757	CERAMIC CAPACITOR	
	C2331	F1J1H474A757	CERAMIC CAPACITOR	
	C2333	F1H1E104A129	CERAMIC CAPACITOR	
	C2335	F1H1E104A129	CERAMIC CAPACITOR	
	C2337	F1H1H223A970	CERAMIC CAPACITOR	
	C2339	F1H1H223A970	CERAMIC CAPACITOR	
	C2341	F1H1E104A129	CERAMIC CAPACITOR	
	C2343	F1H1E104A129	CERAMIC CAPACITOR	
	C2345	F1H1H223A970	CERAMIC CAPACITOR	
	C2347	F1H1H223A970	CERAMIC CAPACITOR	
	C2353	F1G1H102A730	CERAMIC CAPACITOR	
	C2359	F1G1H102A730	CERAMIC CAPACITOR	
	C2361	F2G1E4710007	ELECTROLYTIC CAPACITOR	
	C2362	F1K1E106A136	CERAMIC CAPACITOR	
	C2375	F1H1H223A970	CERAMIC CAPACITOR	
	C2377	F1H1H223A970	CERAMIC CAPACITOR	
	C2379	F1H1H223A970	CERAMIC CAPACITOR	
	C2381	F1H1H223A970	CERAMIC CAPACITOR	
	C2383	F1G1H102A730	CERAMIC CAPACITOR	
	C2385	F1G1H102A730	CERAMIC CAPACITOR	
	C2387	F1G1H102A730	CERAMIC CAPACITOR	
	C2389	F1G1H102A730	CERAMIC CAPACITOR	
	C2390	F1J1E105A171	CERAMIC CAPACITOR	
	C2501	F2G0J470A019	ELECTROLYTIC CAPACITOR	
	C2502	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C2505	F1G1A104A053	CERAMIC CAPACITOR	
	C2506	F1J1A106A043	CERAMIC CAPACITOR	
	C2512	F1J1A106A043	CERAMIC CAPACITOR	
	C2750	F1G1C104A116	CERAMIC CAPACITOR	
	C2751	F1G1H102A730	CERAMIC CAPACITOR	
	C2752	F1G1H102A730	CERAMIC CAPACITOR	
	C2753	F1G1H102A730	CERAMIC CAPACITOR	
	C2754	F1G1H102A730	CERAMIC CAPACITOR	
	C2755	F1G1H102A730	CERAMIC CAPACITOR	
	C2756	F1G1H102A730	CERAMIC CAPACITOR	
	C2757	F1G1H102A730	CERAMIC CAPACITOR	
	C2758	F1H1E104A129	CERAMIC CAPACITOR	
	C2759	F1G1C104A116	CERAMIC CAPACITOR	
	C2760	F1K1C1060004	CERAMIC CAPACITOR	
	C2761	F1G1H102A730	CERAMIC CAPACITOR	
	C2763	F1G1H102A730	CERAMIC CAPACITOR	
	C2765	F1H1E104A129	CERAMIC CAPACITOR	
	C2766	F1G1C104A116	CERAMIC CAPACITOR	
	C2767	F1G1C104A116	CERAMIC CAPACITOR	
	C2771	F1G1C104A116	CERAMIC CAPACITOR	
	C2773	F1H1H102A971	C 1000PF,J, 50V	
	C2775	F1H1H102A971	C 1000PF,J, 50V	
	C2776	F1G1H102A730	CERAMIC CAPACITOR	
	C2777	F1G1H102A730	CERAMIC CAPACITOR	
	C2778	F1G1H102A730	CERAMIC CAPACITOR	
	C2780	F1G1H101A731	CHIP RESISTOR	
	C2781	F1G1H102A730	CERAMIC CAPACITOR	
	C2782	F1G1H102A730	CERAMIC CAPACITOR	
	C2902	F1H1H222A970	CAPACITOR	
	C2906	F1H1C104A143	C 0.1UF,K, 16V	
	C2907	F1H1C104A143	C 0.1UF,K, 16V	
	C2908	F1G1C104A116	CERAMIC CAPACITOR	
	C2909	F1H1A1050032	CERAMIC CAPACITOR	
	C2912	F2H0J1010009	CERAMIC CAPACITOR	
	C2914	F1H1H104A970	CHIP CAPACITOR	
	C2916	F1H1C104A143	C 0.1UF,K, 16V	
	C2919	F1H1C104A143	C 0.1UF,K, 16V	
	C2920	F1H1H103A970	CERAMIC CAPACITOR	
	C2922	F1H1C104A143	C 0.1UF,K, 16V	
	C2927	F1G1H100A731	CHIP RESISTOR	
	C2928	F1G1H102A730	CERAMIC CAPACITOR	
	C2933	F1G1H102A730	CERAMIC CAPACITOR	
	C2937	F1G1H103A735	CHIP RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C2940	F1G1H102A730	CERAMIC CAPACITOR	
	C2941	F1G1H100A731	CHIP RESISTOR	
	C2942	F1G1H102A730	CERAMIC CAPACITOR	
	C2943	F1G1H102A730	CERAMIC CAPACITOR	
	C3002	F1G1H561A730	CHIP CAPACITOR	
	C3003	F1G1H561A730	CHIP CAPACITOR	
	C3007	F1G1H561A730	CHIP CAPACITOR	
	C3008	F1G1H561A730	CHIP CAPACITOR	
	C3013	F1G1H561A730	CHIP CAPACITOR	
	C3014	F1G1H561A730	CHIP CAPACITOR	
	C3022	F1H1A1050032	CERAMIC CAPACITOR	
	C3024	F1H1A1050032	CERAMIC CAPACITOR	
	C3039	F1H1A1050032	CERAMIC CAPACITOR	
	C3041	F1H1A1050032	CERAMIC CAPACITOR	
	C3043	F1H1A1050032	CERAMIC CAPACITOR	
	C3044	F1H1A1050032	CERAMIC CAPACITOR	
	C3046	F1H1A1050032	CERAMIC CAPACITOR	
	C3047	F1H1A1050032	CERAMIC CAPACITOR	
	C3056	F1G1H102A730	CERAMIC CAPACITOR	
	C3057	F1G1H102A730	CERAMIC CAPACITOR	
	C3073	F1J1A106A043	CERAMIC CAPACITOR	
	C3074	F1J1A106A043	CERAMIC CAPACITOR	
	C3075	F1H1A1050032	CERAMIC CAPACITOR	
	C3077	F1G1C104A116	CERAMIC CAPACITOR	
	C3078	F1J1A106A043	CERAMIC CAPACITOR	
	C3083	F1J1A106A043	CERAMIC CAPACITOR	
	C3084	F1J1A106A043	CERAMIC CAPACITOR	
	C3085	F1J1A106A043	CERAMIC CAPACITOR	
	C3086	F1J1A106A043	CERAMIC CAPACITOR	
	C3090	F1J1A106A043	CERAMIC CAPACITOR	
	C3091	F1J1A106A043	CERAMIC CAPACITOR	
	C3092	F1J1A106A043	CERAMIC CAPACITOR	
	C3095	F2G1A101A019	ELECTROLYTIC CAPACITOR	
	C3099	F1G1H102A730	CERAMIC CAPACITOR	
	C3103	F2G1A101A019	ELECTROLYTIC CAPACITOR	
	C3107	F1J1A106A043	CERAMIC CAPACITOR	
	C3108	F1J1A106A043	CERAMIC CAPACITOR	
	C3109	F1J1A106A043	CERAMIC CAPACITOR	
	C3114	F1J1A106A043	CERAMIC CAPACITOR	
	C3115	F1J1A106A043	CERAMIC CAPACITOR	
	C3116	F1J1A106A043	CERAMIC CAPACITOR	
	C3117	F1J1A106A043	CERAMIC CAPACITOR	
	C3139	F1G1C104A116	CERAMIC CAPACITOR	
	C3140	F1G1C104A116	CERAMIC CAPACITOR	
	C3141	F1G1C104A116	CERAMIC CAPACITOR	
	C3143	F1G1C104A116	CERAMIC CAPACITOR	
	C3144	F1J1A106A043	CERAMIC CAPACITOR	
	C3145	F1G1C104A116	CERAMIC CAPACITOR	
	C3146	F1J1A106A043	CERAMIC CAPACITOR	
	C3147	F1J1A106A043	CERAMIC CAPACITOR	
	C3257	F1G1H102A730	CERAMIC CAPACITOR	
	C4200	F1J1A106A043	CERAMIC CAPACITOR	
	C4201	F1J1A106A043	CERAMIC CAPACITOR	
	C4202	F1G1C104A116	CERAMIC CAPACITOR	
	C4203	F1G1C104A116	CERAMIC CAPACITOR	
	C4204	F1G1C104A116	CERAMIC CAPACITOR	
	C4205	F1G1C104A116	CERAMIC CAPACITOR	
	C4206	F1G1C104A116	CERAMIC CAPACITOR	
	C4207	ECGRL0G680ER	CAPACITOR	
	C4208	F1G1C104A116	CERAMIC CAPACITOR	
	C4209	F1G1C104A116	CERAMIC CAPACITOR	
	C4210	F1G1C104A116	CERAMIC CAPACITOR	
	C4211	F1G1C104A116	CERAMIC CAPACITOR	
	C4212	F1G1C104A116	CERAMIC CAPACITOR	
	C4213	F1G1C104A116	CERAMIC CAPACITOR	
	C4214	F1G1C104A116	CERAMIC CAPACITOR	
	C4215	F1G1C104A116	CERAMIC CAPACITOR	
	C4216	F1G1C104A116	CERAMIC CAPACITOR	
	C4221	F1J0J106A020	CERAMIC CAPACITOR	
	C4222	F1G1C104A116	CERAMIC CAPACITOR	
	C4232	F1J1A106A043	CERAMIC CAPACITOR	
	C4233	F1G1H102A730	CERAMIC CAPACITOR	
	C4234	F1G1C104A116	CERAMIC CAPACITOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C4235	F1G1C104A116	CERAMIC CAPACITOR	
	C4236	F1G1H102A730	CERAMIC CAPACITOR	
	C4237	F1G1C104A116	CERAMIC CAPACITOR	
	C4238	F1J1A106A043	CERAMIC CAPACITOR	
	C4240	F1G1H102A730	CERAMIC CAPACITOR	
	C4241	F1G1C104A116	CERAMIC CAPACITOR	
	C4242	F1G1C104A116	CERAMIC CAPACITOR	
	C4243	F1G1H102A730	CERAMIC CAPACITOR	
	C4244	F1G1C104A116	CERAMIC CAPACITOR	
	C4245	F1G1C104A116	CERAMIC CAPACITOR	
	C4246	F1G1H102A730	CERAMIC CAPACITOR	
	C4247	F1G1C104A116	CERAMIC CAPACITOR	
	C4248	F1G1C104A116	CERAMIC CAPACITOR	
	C4249	F1G1H102A730	CERAMIC CAPACITOR	
	C4250	F1G1C104A116	CERAMIC CAPACITOR	
	C4251	F1G1C104A116	CERAMIC CAPACITOR	
	C4252	F1G1H102A730	CERAMIC CAPACITOR	
	C4253	F1G1C104A116	CERAMIC CAPACITOR	
	C4254	F1J1A106A043	CERAMIC CAPACITOR	
	C4255	F1G1C104A116	CERAMIC CAPACITOR	
	C4256	F1G1C104A116	CERAMIC CAPACITOR	
	C4258	F1J1A106A043	CERAMIC CAPACITOR	
	C4259	F1G1H102A730	CERAMIC CAPACITOR	
	C4260	F1G1C104A116	CERAMIC CAPACITOR	
	C4261	F1G1C104A116	CERAMIC CAPACITOR	
	C4262	F1G1H102A730	CERAMIC CAPACITOR	
	C4263	F1G1C104A116	CERAMIC CAPACITOR	
	C4264	F1G1H102A730	CERAMIC CAPACITOR	
	C4265	F1G1C104A116	CERAMIC CAPACITOR	
	C4266	F1G1C104A116	CERAMIC CAPACITOR	
	C4267	F1G1H102A730	CERAMIC CAPACITOR	
	C4269	F1G1C104A116	CERAMIC CAPACITOR	
	C4271	F1G1C104A116	CERAMIC CAPACITOR	
	C4272	F1G1C104A116	CERAMIC CAPACITOR	
	C4273	F1G1C104A116	CERAMIC CAPACITOR	
	C4274	F1G1C104A116	CERAMIC CAPACITOR	
	C4275	F1H0J1050012	CERAMIC CAPACITOR	
	C4276	F1H0J1050012	CERAMIC CAPACITOR	
	C4277	F1J1A106A043	CERAMIC CAPACITOR	
	C4278	F1G1C104A116	CERAMIC CAPACITOR	
	C4279	F1G1C104A116	CERAMIC CAPACITOR	
	C4280	F1G1C104A116	CERAMIC CAPACITOR	
	C4281	F1G1C104A116	CERAMIC CAPACITOR	
	C4282	F1G1C104A116	CERAMIC CAPACITOR	
	C4283	F1J1A106A043	CERAMIC CAPACITOR	
	C4284	F1G1C104A116	CERAMIC CAPACITOR	
	C4285	F1G1C104A116	CERAMIC CAPACITOR	
	C4286	F1J1A106A043	CERAMIC CAPACITOR	
	C4287	F1G1C104A116	CERAMIC CAPACITOR	
	C4288	F1H1H120A971	CERAMIC CAPACITOR	
	C4289	F1H1H150A971	CERAMIC CHIP CAPACITOR	
	C4291	F1G1C104A116	CERAMIC CAPACITOR	
	C4292	F1G1H102A730	CERAMIC CAPACITOR	
	C4293	F1G1C104A116	CERAMIC CAPACITOR	
	C4294	F1G1C104A116	CERAMIC CAPACITOR	
	C4295	F1G1C104A116	CERAMIC CAPACITOR	
	C4400	F1G1H100A731	CHIP RESISTOR	
	C4500	F1G1C104A116	CERAMIC CAPACITOR	
	C4501	F1G1C104A116	CERAMIC CAPACITOR	
	C4502	F1G1C104A116	CERAMIC CAPACITOR	
	C4503	F1G1C104A116	CERAMIC CAPACITOR	
	C4533	F1G1H680A731	CERAMIC CAPACITOR	
	C4534	F1G1C104A116	CERAMIC CAPACITOR	
	C4535	F1G1C104A116	CERAMIC CAPACITOR	
	C4537	F1G1C104A116	CERAMIC CAPACITOR	
	C4547	F1G1C104A116	CERAMIC CAPACITOR	
	C4548	F1G1C104A116	CERAMIC CAPACITOR	
	C4549	F1G1C104A116	CERAMIC CAPACITOR	
	C4550	F1G1C104A116	CERAMIC CAPACITOR	
	C4551	F1G1C104A116	CERAMIC CAPACITOR	
	C4552	F1G1C104A116	CERAMIC CAPACITOR	
	C4553	F1G1H102A730	CERAMIC CAPACITOR	
	C4554	EEH1B1C470P	ELECTROLYTIC CAPACITOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C4555	FLJ1A106A043	CERAMIC CAPACITOR	
	C4567	FLG1C104A116	CERAMIC CAPACITOR	
	C4574	FLG1C104A116	CERAMIC CAPACITOR	
	C4575	FLG1C104A116	CERAMIC CAPACITOR	
	C4580	FLG1C104A116	CERAMIC CAPACITOR	
	C4585	FLG1C104A116	CERAMIC CAPACITOR	
	C4595	FLG1C104A116	CERAMIC CAPACITOR	
	C4598	FLJ1A106A043	CERAMIC CAPACITOR	
	C4599	FLJ1A106A043	CERAMIC CAPACITOR	
	C4600	FLG1C104A116	CERAMIC CAPACITOR	
	C4601	FLJ1A106A043	CERAMIC CAPACITOR	
	C4602	FLG1C104A116	CERAMIC CAPACITOR	
	C4603	FLJ1A475A039	CERAMIC CAPACITOR	
	C4605	FLJ1A475A039	CERAMIC CAPACITOR	
	C4606	FLJ1A475A039	CERAMIC CAPACITOR	
	C4607	FLJ1A475A039	CERAMIC CAPACITOR	
	C4608	FLG1C104A116	CERAMIC CAPACITOR	
	C4613	FLH0J1050012	CERAMIC CAPACITOR	
	C4616	FLJ1A475A039	CERAMIC CAPACITOR	
	C4617	FLJ1A475A039	CERAMIC CAPACITOR	
	C4624	FLG1C104A116	CERAMIC CAPACITOR	
	C4625	FLG1C104A116	CERAMIC CAPACITOR	
	C4626	FLG1C104A116	CERAMIC CAPACITOR	
	C4628	FLG1C104A116	CERAMIC CAPACITOR	
	C4629	FLG1C104A116	CERAMIC CAPACITOR	
	C4630	FLG1C104A116	CERAMIC CAPACITOR	
	C4631	FLJ1A106A043	CERAMIC CAPACITOR	
	C4632	FLG1C104A116	CERAMIC CAPACITOR	
	C4633	FLJ1A106A043	CERAMIC CAPACITOR	
	C4634	FLG1C104A116	CERAMIC CAPACITOR	
	C4635	FLJ1A106A043	CERAMIC CAPACITOR	
	C4636	FLG1C104A116	CERAMIC CAPACITOR	
	C4637	FLG1C104A116	CERAMIC CAPACITOR	
	C4638	FLG1C104A116	CERAMIC CAPACITOR	
	C4640	FLG1C104A116	CERAMIC CAPACITOR	
	C4642	FLG1C104A116	CERAMIC CAPACITOR	
	C4643	FLG1C104A116	CERAMIC CAPACITOR	
	C4644	FLG1C104A116	CERAMIC CAPACITOR	
	C4645	FLG1C104A116	CERAMIC CAPACITOR	
	C4702	FLG1C104A116	CERAMIC CAPACITOR	
	C4703	FLG1C104A116	CERAMIC CAPACITOR	
	C4900	FLJ1A106A043	CERAMIC CAPACITOR	
	C4901	FLJ1A106A043	CERAMIC CAPACITOR	
	C4902	F2G0J220A019	ELECTROLYTIC CAPACITOR	
	C4903	FLG1C104A116	CERAMIC CAPACITOR	
	C4905	FLH1H103A970	CERAMIC CAPACITOR	
	C4906	FLH1H103A970	CERAMIC CAPACITOR	
	C4907	EEHBL1C470P	ELECTROLYTIC CAPACITOR	
	C5408	FLJ1A106A043	CERAMIC CAPACITOR	
	C5410	FLJ1E105A171	CERAMIC CAPACITOR	
	C5414	FLJ1E105A171	CERAMIC CAPACITOR	
	C5415	FLJ1E105A171	CERAMIC CAPACITOR	
	C5421	FLJ1A106A043	CERAMIC CAPACITOR	
	C5431	FLJ1E105A171	CERAMIC CAPACITOR	
	C5441	F2G1C100A022	ELECTROLYTIC CAPACITOR	
	C5443	F2G1V100A020	ELECTROLYTIC CAPACITOR	
	C5444	FLH1H102A970	CHIP CAPACITOR	
	C5445	FLK1C1060004	CERAMIC CAPACITOR	
	C5446	FLJ1H474A757	CERAMIC CAPACITOR	
	C5447	FLJ1H474A757	CERAMIC CAPACITOR	
	C5448	FLG1H102A730	CERAMIC CAPACITOR	
	C5451	FLH1H102A970	CHIP CAPACITOR	
	C5464	FLH1A1050032	CERAMIC CAPACITOR	
	C5481	FLH1A1050032	CERAMIC CAPACITOR	
	C5483	FLJ1A106A043	CERAMIC CAPACITOR	
	C5486	FLG1C473A081	CHIP CAPACITOR	
	C5487	FLH1C105A008	CHIP CAPACITOR	
	C5488	FLG1C473A081	CHIP CAPACITOR	
	C5489	FLJ1A106A043	CERAMIC CAPACITOR	
	C5492	FLG1C104A116	CERAMIC CAPACITOR	
	C5493	FLH1A1050032	CERAMIC CAPACITOR	
	C5494	FLH1C105A145	CHIP CAPACITOR	
	C5511	FLK1C1060004	CERAMIC CAPACITOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C5512	FLK1C1060004	CERAMIC CAPACITOR	
	C5516	ECJ0EB1E682K	CERAMIC CAPACITOR	
	C5518	FLK1C1060004	CERAMIC CAPACITOR	
	C5519	FLK1C1060004	CERAMIC CAPACITOR	
	C5520	FLH1C104A143	C 0.1UF,K, 16V	
	C5521	FLG1E103A123	CERAMIC CAPACITOR	
	C5522	FLJ1A475A039	CERAMIC CAPACITOR	
	C5523	FLG1H221A459	CERAMIC CAPACITOR	
	C5524	FLG1H471A730	CHIP CAPACITOR	
	C5526	FLG1C104A116	CERAMIC CAPACITOR	
	C5527	FLG1C104A116	CERAMIC CAPACITOR	
	C5528	ECGRL0E680ER	CHIP CAPACITOR	
	C5529	ECGRL0E680ER	CHIP CAPACITOR	
	C5531	EEHBL1C470P	ELECTROLYTIC CAPACITOR	
	C5532	FLH1C105A145	CHIP CAPACITOR	
	C5541	FLG1C104A116	CERAMIC CAPACITOR	
	C5544	FLH1C105A145	CHIP CAPACITOR	
	C5551	FLH0J2250008	CERAMIC CAPACITOR	
	C5552	FLH0J2250008	CERAMIC CAPACITOR	
	C5555	FLG1C104A116	CERAMIC CAPACITOR	
	C5556	FLJ1A106A043	CERAMIC CAPACITOR	
	C5557	FLJ1A106A043	CERAMIC CAPACITOR	
	C5558	FLJ1A106A043	CERAMIC CAPACITOR	
	C5559	FLG1C104A116	CERAMIC CAPACITOR	
	C5560	FLJ1A106A043	CERAMIC CAPACITOR	
	C5561	FLJ1A106A043	CERAMIC CAPACITOR	
	C5562	FLG1C104A116	CERAMIC CAPACITOR	
	C5602	F2H0J1010009	CERAMIC CAPACITOR	
	C5603	FLG1C104A116	CERAMIC CAPACITOR	
	C5604	ECJ0EB1E682K	CERAMIC CAPACITOR	
	C5605	FLJ1A475A039	CERAMIC CAPACITOR	
	C5606	FLH1C105A145	CHIP CAPACITOR	
	C5607	FLG1H272A571	CAPACITOR	
	C5611	FLK1C1060004	CERAMIC CAPACITOR	
	C5612	FLK1C1060004	CERAMIC CAPACITOR	
	C5615	FLK1C1060004	CERAMIC CAPACITOR	
	C5616	FLG1C273A081	CHIP CAPACITOR	
	C5618	FLK1C1060004	CERAMIC CAPACITOR	
	C5619	FLK1C1060004	CERAMIC CAPACITOR	
	C5620	FLH1C104A143	C 0.1UF,K, 16V	
	C5621	FLG1E103A123	CERAMIC CAPACITOR	
	C5622	FLJ1A475A039	CERAMIC CAPACITOR	
	C5623	FLG1H272A571	CAPACITOR	
	C5624	FLG1H3320004	CHIP CAPACITOR	
	C5626	FLG1C104A116	CERAMIC CAPACITOR	
	C5627	FLG1C104A116	CERAMIC CAPACITOR	
	C5628	ECGRL0E680ER	CHIP CAPACITOR	
	C5629	ECGRL0E680ER	CHIP CAPACITOR	
	C5631	EEHBL1C470P	ELECTROLYTIC CAPACITOR	
	C5632	FLH1C105A145	CHIP CAPACITOR	
	C5636	FLG1C104A116	CERAMIC CAPACITOR	
	C5637	FLG1C104A116	CERAMIC CAPACITOR	
	C5638	FLG1C104A116	CERAMIC CAPACITOR	
	C5639	FLG1C104A116	CERAMIC CAPACITOR	
	C5640	FLG1C104A116	CERAMIC CAPACITOR	
	C5641	FLG1C104A116	CERAMIC CAPACITOR	
	C5642	FLK1C1060004	CERAMIC CAPACITOR	
	C5643	FLH1C104A143	C 0.1UF,K, 16V	
	C5644	FLH1C105A145	CHIP CAPACITOR	
	C7101A	FOCAF224A021	FILM CAPACITOR	
	C7102A	FOCAF224A021	FILM CAPACITOR	
	C7103	FLA2E101A003	CERAMIC CAPACITOR	
	C7104	FLA2E101A003	CERAMIC CAPACITOR	
	C7202	F0CZZ105A097	CAPACITOR	
	C7203	F0CZZ105A097	CAPACITOR	
	C7204	FLJ1H474A757	CERAMIC CAPACITOR	
	C7205	FLJ1H104A835	CERAMIC CAPACITOR	
	C7206	FLJ1H102A834	CERAMIC CAPACITOR	
	C7207	FLJ1H471A836	CERAMIC CAPACITOR	
	C7209	FLJ1C1050028	CERAMIC CAPACITOR	
	C7210	FLJ1H474A757	CERAMIC CAPACITOR	
	C7211	FLJ1H102A834	CERAMIC CAPACITOR	
	C7212	FLJ1H102A834	CERAMIC CAPACITOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C7213	F1J1H101A836	CERAMIC CAPACITOR	
	C7215	ECKW3D471KBP	C 470PF, K, 2KV	
	C7216	ECKW3D471KBP	C 470PF, K, 2KV	
	C7218	F2A2W2010001	ELECTROLYTIC CAPACITOR	
	C7219	ECKW3D221KBP	CERAMIC CAPACITOR	
	C7301	ECQE6103KF	PLASTIC FILM CAPACITOR	
	C7302	ECKW3D101KBP	C 100PF, K, 2KV	
	C7303	F1J1H102A834	CERAMIC CAPACITOR	
	C7304	F1J1H223A834	CERAMIC CAPACITOR	
	C7305	F1J1H471A834	CHIP CAPACITOR	
	C7306	F1J1H221A836	CHIP CAPACITOR	
	C7307	F1J1H474A757	CERAMIC CAPACITOR	
	C7318	F1A2E102A004	CERAMIC CAPACITOR	
	C7401	F2A2W100A020	ELECTROLYTIC CAPACITOR	
⚠	C7402	ECKR3A222KBP	C 2200PF, K, 1KV	
⚠	C7403	ECCW3D470KGE	C 47PF, K, 2KV	
	C7404	F1J1H474A757	CERAMIC CAPACITOR	
	C7405	F1J1H103A834	CERAMIC CAPACITOR	
	C7406	F1J1H472A834	CHIP CAPACITOR	
	C7407	F2A1H220A115	ELECTROLYTIC CAPACITOR	
	C7408	F2A1E101A089	ELECTROLYTIC CAPACITOR	
	C7410	F1J1H222A834	CHIP CAPACITOR	
	C7411	F1J1H472A834	CHIP CAPACITOR	
	C7412	F1A2E221A003	CERAMIC CAPACITOR	
⚠	C7413	ECKW3D222KBP	C 2200PF, K, 2KV	
⚠	C7414	ECKCNA102MB7	C 1000PF, M,	
	C7505	F2A1E681A100	ELECTROLYTIC CAPACITOR	
	C7506	F2A1E681A100	ELECTROLYTIC CAPACITOR	
	C7510	F2A1H1R0A122	ELECTROLYTIC CAPACITOR	
	C7511	F2A1H1R0A122	ELECTROLYTIC CAPACITOR	
	C7514	F2A1E681A100	ELECTROLYTIC CAPACITOR	
	C7515	ECKR3A471KBP	C 470PF, K, 1KV	
	C7601	F2A1A102A118	ELECTROLYTIC CAPACITOR	
	C7602	F1J1H474A757	CERAMIC CAPACITOR	
	C7604	F1J1H103A834	CERAMIC CAPACITOR	
	C7605	F1J1H104A835	CERAMIC CAPACITOR	
	C7607	F1J1H104A835	CERAMIC CAPACITOR	
	C7608	F1J1E105A171	CERAMIC CAPACITOR	
	C7701	F1J1E3340003	CERAMIC CAPACITOR	
	C7702	F2A1H100A165	E 10UF, 50V	
	C7703	F1J1H103A834	CERAMIC CAPACITOR	
	C7704	F2A1H100A165	E 10UF, 50V	
	C7705	F2A1H4R7A122	ELECTROLYTIC CAPACITOR	
	C7706	F2A1H100A165	E 10UF, 50V	
	C7801	F2A1E101A096	ELECTROLYTIC CAPACITOR	
	C7802	F1J1H104A835	CERAMIC CAPACITOR	
	C7803	F1J1H104A835	CERAMIC CAPACITOR	
	C7804	F1J1H104A835	CERAMIC CAPACITOR	
	C7805	F1J1H474A757	CERAMIC CAPACITOR	
	C7806	F1J1H474A757	CERAMIC CAPACITOR	
	C7807	ECKW3D221KBP	CERAMIC CAPACITOR	
	C7808	ECKW3D221KBP	CERAMIC CAPACITOR	
	C7851	F1B3J220A013	CERAMIC CAPACITOR	
	C7852	F1J1H102A721	CERAMIC CAPACITOR	
	C7853	F1B3J270A013	CERAMIC CAPACITOR	
	C7854	F1J1H221A709	CERAMIC CAPACITOR	
	C7855	F1J1H104A835	CERAMIC CAPACITOR	
	C7856	F1J1H104A835	CERAMIC CAPACITOR	
	C7857	F1J1H474A757	CERAMIC CAPACITOR	
	C7858	F1J1E224A227	CERAMIC CAPACITOR	
	C7860	F1J1C1050028	CERAMIC CAPACITOR	
	C7861	F1J1H471A836	CERAMIC CAPACITOR	
	C7862	F1J1A2250007	CERAMIC CHIP CAPACITOR	
	C7863	F1J1H332A834	CERAMIC CAPACITOR	
	C7864	F1J1H103A834	CERAMIC CAPACITOR	
	C7865	F1J1H104A838	CAPACITOR	
	C7866	F1J1H104A835	CERAMIC CAPACITOR	
	C7868	F1J1H104A835	CERAMIC CAPACITOR	
	C7869	F1J1H103A834	CERAMIC CAPACITOR	
	C7870	F1J1H103A834	CERAMIC CAPACITOR	
	C7871	F1J1H103A834	CERAMIC CAPACITOR	
	C7872	F1J1H104A835	CERAMIC CAPACITOR	
	C7874	F1J1H472A834	CHIP CAPACITOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C7875	F1J1H472A834	CHIP CAPACITOR	
	C7877	F1J1H104A835	CERAMIC CAPACITOR	
	C7881	F1B3J100A013	CERAMIC CAPACITOR	
	C7882	F1B3J220A013	CERAMIC CAPACITOR	
	C7883	F1J1H222A721	CERAMIC CAPACITOR	
	C7884	F1J1H472A729	CHIP CAPACITOR	
	C7885	F2A1E101A096	ELECTROLYTIC CAPACITOR	
	C7886	F1J1H474A757	CERAMIC CAPACITOR	
	C7887	F1J1H104A835	CERAMIC CAPACITOR	
	C7888	F1J1C1050028	CERAMIC CAPACITOR	
	C8003	F1H0J1050012	CERAMIC CAPACITOR	
	C8005	F1H0J1050012	CERAMIC CAPACITOR	
	C8006	F1G1C104A116	CERAMIC CAPACITOR	
	C8007	F1G1C104A116	CERAMIC CAPACITOR	
	C8008	F1G1C104A116	CERAMIC CAPACITOR	
	C8009	F1J1A106A043	CERAMIC CAPACITOR	
	C8010	F1J1A106A043	CERAMIC CAPACITOR	
	C8011	F1G1C104A116	CERAMIC CAPACITOR	
	C8012	F1G1C104A116	CERAMIC CAPACITOR	
	C8013	F1G1C104A116	CERAMIC CAPACITOR	
	C8014	F1G1C104A116	CERAMIC CAPACITOR	
	C8015	F1H0J1050012	CERAMIC CAPACITOR	
	C8016	F1H0J1050012	CERAMIC CAPACITOR	
	C8017	F1J1A106A043	CERAMIC CAPACITOR	
	C8018	F1G1C104A116	CERAMIC CAPACITOR	
	C8019	F1G1C104A116	CERAMIC CAPACITOR	
	C8020	F1G1C104A116	CERAMIC CAPACITOR	
	C8021	F1G1C104A116	CERAMIC CAPACITOR	
	C8022	F1H0J1050012	CERAMIC CAPACITOR	
	C8023	F1J1A106A043	CERAMIC CAPACITOR	
	C8024	F1J1A106A043	CERAMIC CAPACITOR	
	C8025	F1G1C104A116	CERAMIC CAPACITOR	
	C8026	F1G1C104A116	CERAMIC CAPACITOR	
	C8027	F1G1C104A116	CERAMIC CAPACITOR	
	C8028	F1G1C104A116	CERAMIC CAPACITOR	
	C8029	F1G1C104A116	CERAMIC CAPACITOR	
	C8030	F1H0J1050012	CERAMIC CAPACITOR	
	C8031	F1H0J1050012	CERAMIC CAPACITOR	
	C8032	F1J1A106A043	CERAMIC CAPACITOR	
	C8033	F1G1C104A116	CERAMIC CAPACITOR	
	C8034	F1G1C104A116	CERAMIC CAPACITOR	
	C8035	F1J1A106A043	CERAMIC CAPACITOR	
	C8036	F1J1A106A043	CERAMIC CAPACITOR	
	C8037	F1G1C104A116	CERAMIC CAPACITOR	
	C8038	F1G1C104A116	CERAMIC CAPACITOR	
	C8039	F1G1C104A116	CERAMIC CAPACITOR	
	C8040	F1G1C104A116	CERAMIC CAPACITOR	
	C8041	F1G1C104A116	CERAMIC CAPACITOR	
	C8042	ECGRLO680ER	CAPACITOR	
	C8043	F1G1C104A116	CERAMIC CAPACITOR	
	C8044	F1G1C104A116	CERAMIC CAPACITOR	
	C8045	F1G1C104A116	CERAMIC CAPACITOR	
	C8046	F1G1C104A116	CERAMIC CAPACITOR	
	C8047	F1G1C104A116	CERAMIC CAPACITOR	
	C8048	F1G1C104A116	CERAMIC CAPACITOR	
	C8049	F1G1C104A116	CERAMIC CAPACITOR	
	C8050	F1G1C104A116	CERAMIC CAPACITOR	
	C8051	F1G1C104A116	CERAMIC CAPACITOR	
	C8052	F1H0J1050012	CERAMIC CAPACITOR	
	C8053	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C8054	F1G1H150A731	CERAMIC CAPACITOR	
	C8055	F1G1HR50A577	CERAMIC CAPACITOR	
	C8056	F1G1C104A116	CERAMIC CAPACITOR	
	C8057	F1G1C104A116	CERAMIC CAPACITOR	
	C8058	F1J1A106A043	CERAMIC CAPACITOR	
	C8063	F1H0J1050012	CERAMIC CAPACITOR	
	C8064	F1H0J1050012	CERAMIC CAPACITOR	
	C8065	F1G1C104A116	CERAMIC CAPACITOR	
	C8067	F1G1C104A116	CERAMIC CAPACITOR	
	C8069	F1G1H102A730	CERAMIC CAPACITOR	
	C8070	F1G1C104A116	CERAMIC CAPACITOR	
	C8071	F1G1C104A116	CERAMIC CAPACITOR	
	C8072	F1G1C104A116	CERAMIC CAPACITOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8073	F1G1C104A116	CERAMIC CAPACITOR	
	C8074	F1G1C104A116	CERAMIC CAPACITOR	
	C8075	F1J1A106A043	CERAMIC CAPACITOR	
	C8076	F1G1C104A116	CERAMIC CAPACITOR	
	C8077	F1G1C104A116	CERAMIC CAPACITOR	
	C8078	F1G1C104A116	CERAMIC CAPACITOR	
	C8079	F1G1C104A116	CERAMIC CAPACITOR	
	C8080	F1G1C104A116	CERAMIC CAPACITOR	
	C8081	F1G1C104A116	CERAMIC CAPACITOR	
	C8082	F1G1H102A730	CERAMIC CAPACITOR	
	C8083	F1G1C104A116	CERAMIC CAPACITOR	
	C8084	F1G1H102A730	CERAMIC CAPACITOR	
	C8085	F1G1C104A116	CERAMIC CAPACITOR	
	C8086	F1G1C104A116	CERAMIC CAPACITOR	
	C8087	F1G1C104A116	CERAMIC CAPACITOR	
	C8088	F1G1C104A116	CERAMIC CAPACITOR	
	C8089	F1G1C104A116	CERAMIC CAPACITOR	
	C8090	F1G1C104A116	CERAMIC CAPACITOR	
	C8092	F1G1C104A116	CERAMIC CAPACITOR	
	C8093	F1G1C104A116	CERAMIC CAPACITOR	
	C8094	F1G1C104A116	CERAMIC CAPACITOR	
	C8095	F1G1C104A116	CERAMIC CAPACITOR	
	C8096	F1G1C104A116	CERAMIC CAPACITOR	
	C8097	F1G1C104A116	CERAMIC CAPACITOR	
	C8098	F1G1C104A116	CERAMIC CAPACITOR	
	C8099	F1G1C104A116	CERAMIC CAPACITOR	
	C8100	F1G1C104A116	CERAMIC CAPACITOR	
	C8101	F1G1C104A116	CERAMIC CAPACITOR	
	C8102	F1G1C104A116	CERAMIC CAPACITOR	
	C8201	F1G1C104A116	CERAMIC CAPACITOR	
	C8202	F1G1C104A116	CERAMIC CAPACITOR	
	C8508	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C8510	F1J1A106A043	CERAMIC CAPACITOR	
	C8532	EEH81C470P	ELECTROLYTIC CAPACITOR	
	C8533	F1G1C104A116	CERAMIC CAPACITOR	
	C8535	F1G1C103A116	CERAMIC CHIP CAPACITOR	
	C8544	F1J0G2260001	CERAMIC CAPACITOR	
	C8580	F1G1C104A116	CERAMIC CAPACITOR	
	C8581	F1G1C104A116	CERAMIC CAPACITOR	
	C8582	F1G1C104A116	CERAMIC CAPACITOR	
	C8583	F1G1C104A116	CERAMIC CAPACITOR	
	C8584	F1G1C104A116	CERAMIC CAPACITOR	
	C8619	F1G1H102A730	CERAMIC CAPACITOR	
	C8800	F1G1H102A730	CERAMIC CAPACITOR	
	C8953	F1G1H102A730	CERAMIC CAPACITOR	
		DIODES		
	D1002	EZJZ0V120JA	VARISTOR	
	D1003	EZJZ0V120JA	VARISTOR	
	D1004	EZAEG2A50AX	FILTER	
	D1005	EZAEG2A50AX	FILTER	
	D1006	EZAEG2A50AX	FILTER	
	D1007	EZAEG2A50AX	FILTER	
	D1107	MA704ATX	DIODE	
	D1112	MA2J72800L	DIODE	
	D2014	MA2J11100L	DIODE	
	D2017	MA2J11100L	DIODE	
	D2500	B3AGB0000057	DIODE	
	D2752	EZJZ0V120JA	VARISTOR	
	D2753	B3AEB0000131	LED DIODE	
	D2760	MAZ81400ML	DIODE	
	D2779	MA22F2000L	DIODE	
	D2800	EZJZ0V120JA	VARISTOR	
	D3050	EZJP0V080GA	CHIP VARISTOR	
	D3054	EZJP0V080GA	CHIP VARISTOR	
	D3340	EZJP0V080GA	CHIP VARISTOR	
	D4503	EZAEG2A50AX	FILTER	
	D4505	EZAEG2A50AX	FILTER	
	D4507	EZAEG2A50AX	FILTER	
	D4509	EZAEG2A50AX	FILTER	
	D4511	EZAEG2A50AX	FILTER	
	D4512	EZAEG2A50AX	FILTER	
	D4513	B0BC5R6A0275	DIODE	
	D4516	EZAEG2A50AX	FILTER	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	D4517	EZAEG2A50AX	FILTER	
	D4518	EZAEG2A50AX	FILTER	
	D4520	EZAEG2A50AX	FILTER	
	D4521	EZAEG2A50AX	FILTER	
	D4523	EZAEG2A50AX	FILTER	
	D4525	MA2J11100L	DIODE	
	D4526	MA2J11100L	DIODE	
	D4541	MA2J11100L	DIODE	
	D4542	MA2J11100L	DIODE	
	D4573	EZAEG2A50AX	FILTER	
	D4574	EZAEG2A50AX	FILTER	
	D4575	MA2J11100L	DIODE	
	D4576	B0HCMM000014	DIODE	
	D4583	B0HCMM000014	DIODE	
	D4597	B0HCMM000014	DIODE	
	D4611	B0BC5R6A0275	DIODE	
	D4615	MA2J11100L	DIODE	
	D4617	B0BC5R6A0275	DIODE	
	D4900	MA2J11100L	DIODE	
	D5407	MA2J11100L	DIODE	
	D5414	MA2J11100L	DIODE	
	D5441	MA3X78900L	DIODE	
	D5442	B0BC03900015	DIODE	
	D5473	MA2J11100L	DIODE	
	D5474	MA2J11100L	DIODE	
	D5480	MA2J11100L	DIODE	
	D5481	MAZ81800ML	DIODE	
	D5482	MA2J11100L	DIODE	
	D5483	MAZ81100ML	DIODE	
	D5484	MA2J11100L	DIODE	
	D5485	MAZ82400ML	DIODE	
	D5486	MA2J11100L	DIODE	
	D5512	MAZ80470ML	DIODE	
	D5513	MA2J11100L	DIODE	
	D5518	MAZ80470ML	DIODE	
	D5519	MA2J11100L	DIODE	
	D5552	MA2J11100L	DIODE	
	D5612	MAZ80470ML	DIODE	
	D5613	MA2J11100L	DIODE	
	D5618	MAZ80470ML	DIODE	
	D5619	MA2J11100L	DIODE	
	D5626	MAZ80470ML	DIODE	
	D5627	MA2J11100L	DIODE	
	D7101	D4EAC6210002	VARISTOR	
	D7102	D4EAC6210002	VARISTOR	
	D7151	B0FBAT000008	DIODE	
	D7201	B0EAKR000029	DIODE	
	D7202	B0JAME000091	DIODE	
	D7203	B0JAME000091	DIODE	
	D7204	AU02A	DIODE	
	D7205	AU02A	DIODE	
	D7206	AU02A	DIODE	
	D7207	AU02A	DIODE	
	D7251	B0FABR000004	DIODE	
	D7301	B0EAKT000019	DIODE	
	D7302	B0EAKT000019	DIODE	
	D7303	B0JAME000091	DIODE	
	D7304	B0JAME000091	DIODE	
	D7305	B0JAME000091	DIODE	
	D7306	B0JAME000091	DIODE	
	D7401	B0EBKT000007	DIODE	
	D7405	B0EAKT000015	DIODE	
	D7406	AU02A	DIODE	
	D7407	B0HAGV000004	DIODE	
	D7408	AU02A	DIODE	
	D7409	AU02A	DIODE	
	D7410	AU02A	DIODE	
	D7411	B0JAME000091	DIODE	
	D7412	B0JAME000091	DIODE	
	D7503	B0HESM000001	DIODE	
	D7505	MTZJ15B	ZENER DIODE	
	D7552	B0JBSL000031	DIODE	
	D7562	B0BA6R100003	DIODE	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	D7601	AU02A	DIODE	
	D7602	B0BA01000070	DIODE	
	D7651	B0JB0L000023	DIODE	
	D7701	AU02A	DIODE	
	D7702	AU02A	DIODE	
	D7703	B0AACK000004	DIODE	
	D7704	MA3X152E0L	DIODE	
	D7705	B0AACK000004	DIODE	
	D7706	B0AACK000004	DIODE	
	D7707	B0AACK000004	DIODE	
	D7708	B0AACK000004	DIODE	
	D7709	MA3X152E0L	DIODE	
	D7711	B0AACK000004	DIODE	
	D7712	B0BA8R700009	ZENER DIODE	
	D7713	B0BA8R700009	ZENER DIODE	
	D7751	B0BA7R900004	ZENER DIODE	
	D7752	B0BA02500002	DIODE	
	D7755	B0BA9R600002	ZENER DIODE	
	D7756	B0BA9R600002	ZENER DIODE	
	D7757	MTZJ4.7B	ZENER DIODE	
	D7758	MTZJ6.8B	ZENER DIODE	
	D7759	MTZJ6.8B	ZENER DIODE	
	D7760	MTZJ6.8B	ZENER DIODE	
	D7801	B0JAMG000010	DIODE	
	D7802	B0JAMG000010	DIODE	
	D7803	B0JAMG000010	DIODE	
	D7804	B0JAMG000010	DIODE	
	D7805	B0AACK000004	DIODE	
	D7806	EU02AV0	DIODE	
	D7807	EU02AV0	DIODE	
	D7809	MAZ80470ML	DIODE	
	D7810	MAZ80470ML	DIODE	
	D7813	MTZJ15B	ZENER DIODE	
	D7814	MTZJ15B	ZENER DIODE	
	D7821	MTZJ15B	ZENER DIODE	
	D7822	MTZJ15B	ZENER DIODE	
	D7823	MTZJ15B	ZENER DIODE	
	D7824	MTZJ15B	ZENER DIODE	
	D7851	MA3X152E0L	DIODE	
	D7852	MA3X152E0L	DIODE	
	D7853	MA3X157A0L	DIODE	
	D7854	MA3X157A0L	DIODE	
	D7855	B0AACK000004	DIODE	
	D7856	MA3X157A0L	DIODE	
	D7857	MA3X157A0L	DIODE	
	D7858	MA3X152E0L	DIODE	
	D7859	MA3X152E0L	DIODE	
	D7860	B0AACK000004	DIODE	
	D7861	MA3X152E0L	DIODE	
	D7862	MA3X152E0L	DIODE	
	D7871	MAZ81200ML	DIODE	
		INTEGRATED CIRCUITS		
	IC1100	MN103SH9FPA1	IC	
	IC1101	TVRQ998	ROM IC (C3EBFC000042)	
	IC2008	C0DBGYY00578	IC	
	IC2301	C1AB00002875	IC	
	IC2750	C1ZBZ0003577	IC	
	IC2902	C0DBGYY00281	IC	
	IC3001	C1AB00002855	IC	
	IC4200	MN85060	IC	
	IC4201	C3ABRY000038	IC	
	IC4203	C3FBKY000040	IC	
	IC4510	C1AB00003045	IC	
	IC4511	C0DBGYY00578	IC	
	IC4512	C0CBCAG00039	IC	
	IC4513	C0DBGYY00618	IC	
	IC5405	C0DBEZG00024	IC, POWER SUPPLY	
	IC5409	C0DBEHE00005	IC, POWER SUPPLY	
	IC5441	C0DBAJB00004	IC	
	IC5480	C1ZBZ0003986	IC	
	IC5512	C0DBAYY00480	IC	
	IC5533	C0DBGYY00578	IC	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	IC5534	C0CBCBD00062	IC	
	IC5600	C0DBAYY00480	IC	
	IC5601	C0DBAYY00480	IC	
	IC7201	C0DBBY000012	IC	
	IC7301	C0DABYY00020	IC	
	IC7401	C0DBBY000011	IC	
	IC7601	C0DAEMZ00001	IC	
	IC7801	C0DBZYY00321	IC	
	IC7851	C0ZBZ0001665	IC	
	IC7852	C0ABBA000168	IC	
	IC7853	C0ABBA000168	IC	
	IC7854	C0ABBA000168	IC	
	IC7855	C0ABBA000168	IC	
	IC8001	MN2WS0059	IC	
	IC8002	C3ABSG000060	IC	
	IC8003	C3ABSG000060	IC	
	IC8004	C0ZBZ0001567	IC	
	IC8502	TVRQ983	ROM IC (C3EBGC000056)	
	IC8580	TVRQ658AD	ROM VERSION IC	
		COILS		
	L1100	J0JYC0000068	COIL	
	L2001	G1C150KA0038	COIL	
	L2010	G1C220MA0291	COIL	
	L2012	G1C220MA0291	COIL	
	L2014	G1C220MA0291	COIL	
	L2016	G1C220MA0291	COIL	
	L2018	J0JHC0000042	COIL	
	L2032	J0JYC0000068	COIL	
	L2041	J0JHC0000078	BEAD CORE	
	L2042	J0JHC0000078	BEAD CORE	
	L2043	J0JHC0000078	BEAD CORE	
	L2044	J0JHC0000078	BEAD CORE	
	L2750	J0JYC0000065	COIL	
	L2751	J0JYC0000065	COIL	
	L2752	J0JYC0000065	COIL	
	L2754	J0JYC0000065	COIL	
	L2755	J0JYC0000065	COIL	
	L2756	J0JYC0000065	COIL	
	L2758	J0JCC0000278	COIL	
	L2901	J0JCC0000278	COIL	
	L2902	J0JCC0000269	COIL	
	L2904	J0JCC0000269	COIL	
	L2907	J0JCC0000063	BEAD CORE	
	L2908	J0JCC0000063	BEAD CORE	
	L3002	J0JCC0000287	COIL	
	L3003	J0JCC0000287	COIL	
	L3010	J0JCC0000287	COIL	
	L3011	J0JCC0000287	COIL	
	L3014	J0JCC0000287	COIL	
	L3015	J0JCC0000287	COIL	
	L3017	J0JCC0000287	COIL	
	L3019	J0JCC0000287	COIL	
	L3026	J0JCC0000287	COIL	
	L3027	J0JCC0000287	COIL	
	L3028	J0JCC0000287	COIL	
	L3029	J0JCC0000287	COIL	
	L3030	J0JCC0000287	COIL	
	L3034	J0JCC0000364	BEAD COIL	
	L3035	J0JCC0000364	BEAD COIL	
	L4200	J0JYC0000068	COIL	
	L4202	J0JHC0000045	COIL	
	L4203	J0JHC0000045	COIL	
	L4204	J0JHC0000045	COIL	
	L4205	J0JHC0000045	COIL	
	L4206	J0JHC0000045	COIL	
	L4207	J0JHC0000045	COIL	
	L4208	J0JHC0000045	COIL	
	L4209	J0JHC0000045	COIL	
	L4210	J0JHC0000045	COIL	
	L4211	J0JHC0000045	COIL	
	L4504	J0JYC0000068	COIL	
	L4505	J0JYC0000068	COIL	
	L4506	J0JYC0000068	COIL	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	L4507	J0JYC0000068	COIL	
	L4511	J0JYC0000068	COIL	
	L4512	J0JCC0000059	COIL	
	L4513	J0JCC0000059	COIL	
	L4514	J0JYC0000068	COIL	
	L4515	J0JYC0000068	COIL	
	L4516	J0JYC0000068	COIL	
	L4517	J0JYC0000068	COIL	
	L4518	J0JYC0000068	COIL	
	L4519	J0JYC0000068	COIL	
	L4523	J0JYC0000068	COIL	
	L4525	J0JYC0000068	COIL	
	L4526	J0JYC0000068	COIL	
	L4528	J0JYC0000068	COIL	
	L4530	J0JYC0000068	COIL	
	L4900	J0JYC0000068	COIL	
	L4901	GLC100MA0072	COIL	
	L5430	J0JHC0000045	COIL	
	L5443	GLC470MA0077	COIL	
	L5444	GLC100MA0072	COIL	
	L5480	J0JYC0000068	COIL	
	L5481	J0JYC0000068	COIL	
	L5500	GLC2R2Z00007	COIL	
	L5501	GLC2R2Z00007	COIL	
	L5504	GLC100MA0203	COIL	
	L5533	J0JHC0000045	COIL	
	L5534	J0JYC0000068	COIL	
	L5600	GLC2R2Z00007	COIL	
	L5601	GLC3R3Z00004	COIL	
	L5602	GLC4R7Z00014	COIL	
	L5604	GLC100MA0203	COIL	
	L5608	GLC100MA0077	COIL	
	L7151	EXCELDR35V	CORE	
	L7152	EXCELDR35V	CORE	
	L7202	EXCELDR35V	CORE	
	L7203	EXCELSA35T	BEAD CORE	
	L7204	EXCELDR35V	CORE	
	L7205	EXCELDR35V	CORE	
	L7301	EXCELSA35T	BEAD CORE	
	L7401	EXCELSA39V	BEAD CORE	
	L7402	EXCELSA35T	BEAD CORE	
	L7801	EXCELDR35V	CORE	
	L7802	EXCELDR35V	CORE	
	L7803	EXCELDR35V	CORE	
	L7804	EXCELDR35V	CORE	
	L8001	J0JHC0000045	COIL	
	L8002	J0JHC0000045	COIL	
	L8003	J0JHC0000045	COIL	
	L8004	J0JHC0000045	COIL	
	L8005	J0JHC0000045	COIL	
	L8007	J0JHC0000045	COIL	
	L8008	J0JHC0000045	COIL	
	L8009	J0JHC0000045	COIL	
	L8010	J0JHC0000045	COIL	
	L8011	J0JHC0000045	COIL	
	L8012	J0JHC0000045	COIL	
	L8013	J0JHC0000045	COIL	
	L8052	ERJ2GE0R00X	FIXED RESISTOR	
	L8053	ERJ2GE0R00X	FIXED RESISTOR	
	L8501	J0JHC0000045	COIL	
	L8580	J0JHC0000075	BEAD COIL	
		TRANSISTORS		
	Q0900	B1CBHD000002	TRANSISTOR	
	Q0901	B1CBHD000002	TRANSISTOR	
	Q2001	B1ABCF000231	TRANSISTOR	
	Q2022	B1ADCE000022	TRANSISTOR	
	Q2063	2SD0601ASL	TRANSISTOR	
	Q2064	2SD0601ASL	TRANSISTOR	
	Q2065	2SB0709ASL	TRANSISTOR	
	Q2500	B1ABCF000231	TRANSISTOR	
	Q2501	B1ABCF000231	TRANSISTOR	
	Q2504	B1ABCF000231	TRANSISTOR	
	Q3000	B1ABCF000231	TRANSISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	Q3001	B1ABCF000231	TRANSISTOR	
	Q4200	2SB709ATX	TRANSISTOR	
	Q4207	2SD0601A0L	TRANSISTOR	
	Q4208	2SD0601A0L	TRANSISTOR	
	Q4500	B1ABCF000231	TRANSISTOR	
	Q4501	B1ABCF000231	TRANSISTOR	
	Q4514	2SB0709ASL	TRANSISTOR	
	Q4515	2SB0709ASL	TRANSISTOR	
	Q4516	2SB0709ASL	TRANSISTOR	
	Q4517	2SB0709ASL	TRANSISTOR	
	Q4519	2SB0709ASL	TRANSISTOR	
	Q4533	B1ABCF000231	TRANSISTOR	
	Q4534	B1ABCF000231	TRANSISTOR	
	Q4535	B1ABCF000231	TRANSISTOR	
	Q4536	B1ABCF000231	TRANSISTOR	
	Q4900	2SD0601A0L	TRANSISTOR	
	Q4901	2SB709ATX	TRANSISTOR	
	Q4902	2SD0601A0L	TRANSISTOR	
	Q4903	2SC39380QL	TRANSISTOR	
	Q4904	2SD0601A0L	TRANSISTOR	
	Q4905	2SC39380QL	TRANSISTOR	
	Q5407	2SC584500L	TRANSISTOR	
	Q5408	2SC584500L	TRANSISTOR	
	Q5412	B1CHRE000005	TRANSISTOR	
	Q5417	B1CHRE000005	TRANSISTOR	
	Q5421	2SC584500L	TRANSISTOR	
	Q5431	2SC584500L	TRANSISTOR	
	Q5441	B1CFNG000001	TRANSISTOR	
	Q5453	2SD0601A0L	TRANSISTOR	
	Q5461	B1ADCE000022	TRANSISTOR	
	Q5495	2SC584500L	TRANSISTOR	
	Q5501	2SC584500L	TRANSISTOR	
	Q5502	2SC584500L	TRANSISTOR	
	Q5512	B1MBDDA00003	TRANSISTOR	
	Q5518	B1MBDDA00003	TRANSISTOR	
	Q5531	2SC584500L	TRANSISTOR	
	Q5532	2SC584500L	TRANSISTOR	
	Q5535	2SD0601A0L	TRANSISTOR	
	Q5600	B1MBDDA00003	TRANSISTOR	
	Q5601	B1MBDDA00003	TRANSISTOR	
	Q5602	B1MBDDA00003	TRANSISTOR	
	Q7201	B1CERR000037	TRANSISTOR	
	Q7202	B1CERR000037	TRANSISTOR	
	Q7203	2SB14340SA	TRANSISTOR	
	Q7301	B1CERU000009	TRANSISTOR	
	Q7401	B1CERU000009	TRANSISTOR	
	Q7501	2SC584500L	TRANSISTOR	
	Q7601	B1DHDD000028	TRANSISTOR	
	Q7602	B1CBHD000002	TRANSISTOR	
	Q7603	B1CBHD000002	TRANSISTOR	
	Q7604	2SC584500L	TRANSISTOR	
	Q7701	2SA207700L	TRANSISTOR	
	Q7702	2SC584500L	TRANSISTOR	
	Q7703	2SC584500L	TRANSISTOR	
	Q7704	B1CBHD000002	TRANSISTOR	
	Q7705	2SC584500L	TRANSISTOR	
	Q7706	2SC584500L	TRANSISTOR	
	Q7707	2SC584500L	TRANSISTOR	
	Q7708	2SA207700L	TRANSISTOR	
	Q7709	2SC584500L	TRANSISTOR	
	Q7710	2SA207700L	TRANSISTOR	
	Q7801	B1CERR000037	TRANSISTOR	
	Q7802	B1CERR000037	TRANSISTOR	
	Q7803	B1CERR000037	TRANSISTOR	
	Q7804	B1CERR000037	TRANSISTOR	
	Q7805	B1ABGC000001	TRANSISTOR	
	Q7851	2SC584500L	TRANSISTOR	
	Q7852	2SC584500L	TRANSISTOR	
	Q7853	2SA207700L	TRANSISTOR	
	Q7854	2SC584500L	TRANSISTOR	
	Q7855	2SA207700L	TRANSISTOR	
	Q7856	2SC584500L	TRANSISTOR	
		RESISTORS		

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R0180	ERJ2GEJ101X	RESISTOR	
	R0900	ERJ2GEJ680X	RESISTOR	
	R0901	EXB28V680JX	RESISTOR	
	R0902	ERJ2GEJ103X	FIXED RESISTOR	
	R0905	ERJ2GEJ103X	FIXED RESISTOR	
	R0906	ERJ2GEJ103X	FIXED RESISTOR	
	R0907	ERJ2GEJ103X	FIXED RESISTOR	
	R0909	ERJ2GEJ220X	FIXED RESISTOR	
	R0910	ERJ2GEJ220X	FIXED RESISTOR	
	R0911	ERJ2GEJ220X	FIXED RESISTOR	
	R0912	ERJ2GEJ220X	FIXED RESISTOR	
	R0913	ERJ2GEJ220X	FIXED RESISTOR	
	R0914	ERJ2GEJ220X	FIXED RESISTOR	
	R0915	ERJ2GEJ472X	RESISTOR	
	R0916	ERJ2GEJ472X	RESISTOR	
	R0917	ERJ2GEJ220X	FIXED RESISTOR	
	R0918	ERJ2GEJ220X	FIXED RESISTOR	
	R0919	ERJ2GEJ220X	FIXED RESISTOR	
	R0920	ERJ2GEJ220X	FIXED RESISTOR	
	R0921	ERJ2GEJ220X	FIXED RESISTOR	
	R0922	ERJ2GEJ220X	FIXED RESISTOR	
	R0923	ERJ2GEJ682X	RESISTOR	
	R0924	ERJ2GEJ682X	RESISTOR	
	R0925	ERJ2GEJ220X	FIXED RESISTOR	
	R0926	ERJ2GEJ220X	FIXED RESISTOR	
	R0929	ERJ2GEJ220X	FIXED RESISTOR	
	R0930	ERJ2GEJ220X	FIXED RESISTOR	
	R0931	ERJ2GEJ680X	RESISTOR	
	R0932	ERJ2GEJ680X	RESISTOR	
	R0933	ERJ2GE0R00X	FIXED RESISTOR	
	R0934	ERJ2GE0R00X	FIXED RESISTOR	
	R0935	ERJ2GEJ220X	FIXED RESISTOR	
	R0936	ERJ2GEJ220X	FIXED RESISTOR	
	R0945	ERJ2GEJ220X	FIXED RESISTOR	
	R0946	ERJ2GEJ220X	FIXED RESISTOR	
	R0947	ERJ2GEJ680X	RESISTOR	
	R0948	ERJ2GEJ680X	RESISTOR	
	R0949	ERJ2GEJ680X	RESISTOR	
	R0950	ERJ2GEJ680X	RESISTOR	
	R0951	ERJ2GEJ680X	RESISTOR	
	R0952	ERJ2GEJ680X	RESISTOR	
	R0953	ERJ2GEJ680X	RESISTOR	
	R0954	ERJ2GEJ680X	RESISTOR	
	R0955	ERJ2GEJ472X	RESISTOR	
	R0956	ERJ2GEJ472X	RESISTOR	
	R0957	ERJ2GEJ472X	RESISTOR	
	R0958	ERJ2GEJ472X	RESISTOR	
	R0959	ERJ2GEJ472X	RESISTOR	
	R0960	ERJ2GEJ472X	RESISTOR	
	R0961	ERJ2GEJ472X	RESISTOR	
	R0962	ERJ2GEJ472X	RESISTOR	
	R0972	ERJ2GEJ680X	RESISTOR	
	R0974	ERJ2GEJ102X	FIXED RESISTOR	
	R0975	ERJ2GEJ103X	FIXED RESISTOR	
	R0976	ERJ2GEJ103X	FIXED RESISTOR	
	R0977	ERJ2GEJ103X	FIXED RESISTOR	
	R0980	ERJ2GEJ103X	FIXED RESISTOR	
	R1100	ERJ2GEJ101X	RESISTOR	
	R1101	ERJ2GEJ101X	RESISTOR	
	R1102	ERJ2GEJ101X	RESISTOR	
	R1103	ERJ2GEJ330X	RESISTOR	
	R1105	ERJ2GEJ101X	RESISTOR	
	R1106	ERJ2GEJ101X	RESISTOR	
	R1107	ERJ2GEJ101X	RESISTOR	
	R1108	ERJ2GEJ101X	RESISTOR	
	R1109	ERJ2GEJ101X	RESISTOR	
	R1146	ERJ2GE0R00X	FIXED RESISTOR	
	R1153	ERJ2GEJ821X	RESISTOR	
	R1173	ERJ2GEJ331X	RESISTOR	
	R1179	ERJ2GE0R00X	FIXED RESISTOR	
	R1181	ERJ2GE0R00X	FIXED RESISTOR	
	R1182	ERJ2GEJ273X	RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R1200	ERJ2GE0R00X	FIXED RESISTOR	
	R1203	ERJ2GEJ473X	FIXED RESISTOR	
	R1207	ERJ2GE0R00X	FIXED RESISTOR	
	R1209	ERJ2GEJ473X	FIXED RESISTOR	
	R1221	D1BB7151A055	CHIP RESISTOR	
	R1224	ERJ2GEJ103X	FIXED RESISTOR	
	R1225	ERJ2GEJ103X	FIXED RESISTOR	
	R1236	ERJ2GEJ473X	FIXED RESISTOR	
	R1237	ERJ2GEJ102X	FIXED RESISTOR	
	R1243	ERJ2GEJ473X	FIXED RESISTOR	
	R1255	ERJ2GEJ102X	FIXED RESISTOR	
	R1400	ERJ2GEJ103X	FIXED RESISTOR	
	R1401	ERJ2GEJ104X	FIXED RESISTOR	
	R1402	ERJ2GEJ683X	RESISTOR	
	R1403	ERJ2GEJ333X	RESISTOR	
	R1404	ERJ2GEJ683X	RESISTOR	
	R1405	ERJ2GEJ223X	RESISTOR	
	R1406	ERJ2GEJ683X	RESISTOR	
	R1407	ERJ2GEJ473X	FIXED RESISTOR	
	R1409	ERJ2GEJ473X	FIXED RESISTOR	
	R1410	ERJ2GEJ103X	FIXED RESISTOR	
	R1411	ERJ2GEJ104X	FIXED RESISTOR	
	R1422	ERJ2GEJ182X	RESISTOR	
	R1423	ERJ2GEJ473X	FIXED RESISTOR	
	R2002	ERJ2GEJ102X	FIXED RESISTOR	
	R2003	ERJ2GEJ105X	FIXED RESISTOR	
	R2006	ERJ2GEJ471X	RESISTOR	
	R2007	ERJ2GEJ221X	RESISTOR	
	R2008	ERJ2GEJ471X	RESISTOR	
	R2015	ERJ2GEJ103X	FIXED RESISTOR	
	R2016	ERJ2GEJ103X	FIXED RESISTOR	
	R2017	ERJ2GEJ103X	FIXED RESISTOR	
	R2018	ERJ2GEJ103X	FIXED RESISTOR	
	R2019	D1BB2002A055	CHIP RESISTOR	
	R2020	D1BB2001A055	CHIP RESISTOR	
	R2023	ERJ2GEJ103X	FIXED RESISTOR	
	R2032	ERJ2GE0R00X	FIXED RESISTOR	
	R2047	D1BB2802A055	CHIP RESISTOR	
	R2048	D1BB2802A055	CHIP RESISTOR	
	R2050	D1BB2802A055	CHIP RESISTOR	
	R2051	D1BB2802A055	CHIP RESISTOR	
	R2092	ERJ2GEJ103X	FIXED RESISTOR	
	R2093	ERJ2GEJ103X	FIXED RESISTOR	
	R2110	ERJ2GEJ101X	RESISTOR	
	R2111	ERJ2GEJ101X	RESISTOR	
	R2114	ERJ2GEJ222X	RESISTOR	
	R2115	ERJ2GEJ222X	RESISTOR	
	R2118	ERJ2GEJ471X	RESISTOR	
	R2119	ERJ2GEJ105X	FIXED RESISTOR	
	R2120	ERJ2GEJ473X	FIXED RESISTOR	
	R2121	ERJ8GEYJ3R3	RESISTOR	
	R2122	ERJ2GEJ102X	FIXED RESISTOR	
	R2123	ERJ8GEYJ3R3	RESISTOR	
	R2124	ERJ2GEJ103X	FIXED RESISTOR	
	R2125	ERJ8GEYJ3R3	RESISTOR	
	R2127	ERJ8GEYJ3R3	RESISTOR	
	R2129	ERJ2GEJ100X	RESISTOR	
	R2132	ERJ2GEJ471X	RESISTOR	
	R2137	ERJ2GEJ100X	RESISTOR	
	R2141	ERJ2GEJ102X	FIXED RESISTOR	
	R2142	ERJ2GEJ222X	RESISTOR	
	R2172	ERJ2GEJ680X	RESISTOR	
	R2190	ERJ2GEJ103X	FIXED RESISTOR	
	R2316	EXB28V220JX	RESISTOR	
	R2325	ERJ2GE0R00X	FIXED RESISTOR	
	R2500	ERJ2RKF3000X	RESISTOR	
	R2502	ERJ2GEJ473X	FIXED RESISTOR	
	R2504	ERJ2GEJ223X	RESISTOR	
	R2507	ERJ2GEJ473X	FIXED RESISTOR	
	R2508	ERJ2GEJ103X	FIXED RESISTOR	
	R2509	ERJ2RKF1101X	CHIP RESISTOR	
	R2512	ERJ2GEJ470X	RESISTOR	
	R2514	ERJ2RKF1802X	RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R2515	ERJ2RKF4702X	RESISTOR	
	R2516	ERJ2GEJ473X	FIXED RESISTOR	
	R2517	ERJ2GEJ104X	FIXED RESISTOR	
	R2518	ERJ2GEJ103X	FIXED RESISTOR	
	R2600	ERJ6GEY0R00	M 00HM, J, 1/10W	
	R2601	D1BD1741A044	CHIP RESISTOR	
	R2602	D1BD7151A044	CHIP RESISTOR	
	R2603	D1BD6651A044	CHIP RESISTOR	
	R2604	D1BD1432A044	CHIP RESISTOR	
	R2755	ERJ2GEJ473X	FIXED RESISTOR	
	R2756	ERJ2GEJ101X	RESISTOR	
	R2758	ERJ2GEJ101X	RESISTOR	
	R2759	ERJ2GEJ101X	RESISTOR	
	R2760	ERJ2GEJ101X	RESISTOR	
	R2761	ERJ2GEJ101X	RESISTOR	
	R2762	ERJ2GEJ222X	RESISTOR	
	R2763	ERJ2GEJ473X	FIXED RESISTOR	
	R2764	ERJ2GEJ473X	FIXED RESISTOR	
	R2768	ERJ2GEJ473X	FIXED RESISTOR	
	R2774	ERJ2GEJ473X	FIXED RESISTOR	
	R2777	ERJ2GEJ103X	FIXED RESISTOR	
	R2778	ERJ2GEJ103X	FIXED RESISTOR	
	R2779	ERJ3GEYJ751	RESISTOR	
	R2780	ERJ3GEYJ751	RESISTOR	
	R2901	D0GB103JA041	CHIP RESISTOR	
	R2905	ERJ2GE0R00X	FIXED RESISTOR	
	R2909	ERJ2GE0R00X	FIXED RESISTOR	
	R2915	ERJ2GEJ221X	RESISTOR	
	R2926	D0GB103JA041	CHIP RESISTOR	
	R2927	ERJ2GE0R00X	FIXED RESISTOR	
	R2930	ERJ2GEJ153X	RESISTOR	
	R2931	D0GBR00Z0002	CHIP RESISTOR	
	R2940	ERJ2GE0R00X	FIXED RESISTOR	
	R3000	ERJ2GEJ223X	RESISTOR	
	R3001	ERJ2GEJ223X	RESISTOR	
	R3004	ERJ2GEJ223X	RESISTOR	
	R3005	ERJ2GEJ223X	RESISTOR	
	R3019	ERJ2GEJ101X	RESISTOR	
	R3021	ERJ2GEJ101X	RESISTOR	
	R3024	ERJ2GEJ104X	FIXED RESISTOR	
	R3025	ERJ2GEJ104X	FIXED RESISTOR	
	R3033	ERJ2GEJ221X	RESISTOR	
	R3034	ERJ2GEJ221X	RESISTOR	
	R3043	ERJ2GEJ221X	RESISTOR	
	R3045	ERJ2GEJ221X	RESISTOR	
	R3047	ERJ2GEJ221X	RESISTOR	
	R3048	ERJ2GEJ221X	RESISTOR	
	R3049	ERJ2GEJ221X	RESISTOR	
	R3050	ERJ2GEJ221X	RESISTOR	
	R3075	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3076	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3078	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3084	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3085	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3086	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3094	ERJ2GE0R00X	FIXED RESISTOR	
	R3097	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3101	ERJ2GEJ472X	RESISTOR	
	R3103	ERJ2GEJ472X	RESISTOR	
	R3112	ERJ2GE0R00X	FIXED RESISTOR	
	R3113	ERJ2GE0R00X	FIXED RESISTOR	
	R3118	ERJ2GEJ221X	RESISTOR	
	R3119	ERJ2GEJ221X	RESISTOR	
	R3120	ERJ2GEJ331X	RESISTOR	
	R3121	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3123	ERJ2GEJ221X	RESISTOR	
	R3124	ERJ2GEJ472X	RESISTOR	
	R3125	ERJ2GEJ221X	RESISTOR	
	R3128	ERJ2GEJ221X	RESISTOR	
	R3132	ERJ2GEJ820X	RESISTOR	
	R3133	ERJ2GEJ820X	RESISTOR	
	R3134	ERJ2GEJ820X	RESISTOR	
	R3138	ERJ2GEJ820X	RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R3139	ERJ2GEJ820X	RESISTOR	
	R3140	ERJ2GEJ820X	RESISTOR	
	R3146	ERJ2GEJ331X	RESISTOR	
	R3151	ERJ2GEJ220X	FIXED RESISTOR	
	R3152	ERJ2GEJ220X	FIXED RESISTOR	
	R3167	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3169	ERJ2GEJ104X	FIXED RESISTOR	
	R3182	ERJ2GE0R00X	FIXED RESISTOR	
	R3186	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3187	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3188	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3189	ERJ2GEJ680X	RESISTOR	
	R3190	ERJ2GEJ680X	RESISTOR	
	R3191	ERJ2GEJ680X	RESISTOR	
	R3218	ERJ2GE0R00X	FIXED RESISTOR	
	R3223	ERJ2GEJ680X	RESISTOR	
	R3225	ERJ2GEJ680X	RESISTOR	
	R3226	ERJ2GEJ472X	RESISTOR	
	R3227	ERJ2GEJ472X	RESISTOR	
	R3230	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3232	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3234	ERJ6ENF75R0	M 75OHM, 1/10W	
	R3236	ERJ2GEJ680X	RESISTOR	
	R3237	ERJ2GEJ680X	RESISTOR	
	R3240	ERJ2GEJ221X	RESISTOR	
	R3287	ERJ2GEJ473X	FIXED RESISTOR	
	R3288	ERJ2GEJ473X	FIXED RESISTOR	
	R3289	ERJ2GEJ220X	FIXED RESISTOR	
	R3308	ERJ2GEJ223X	RESISTOR	
	R3309	ERJ2GEJ223X	RESISTOR	
	R4200	ERJ2GEJ101X	RESISTOR	
	R4201	D1BB2700A055	CHIP RESISTOR	
	R4202	D1BB2700A055	CHIP RESISTOR	
	R4207	ERJ2GEJ470X	RESISTOR	
	R4208	ERJ2GEJ470X	RESISTOR	
	R4209	ERJ2GEJ470X	RESISTOR	
	R4210	ERJ2GEJ470X	RESISTOR	
	R4211	ERJ2GEJ470X	RESISTOR	
	R4212	ERJ2GEJ470X	RESISTOR	
	R4213	ERJ2GEJ470X	RESISTOR	
	R4214	ERJ2GEJ470X	RESISTOR	
	R4215	ERJ2GEJ470X	RESISTOR	
	R4216	ERJ2GEJ470X	RESISTOR	
	R4217	ERJ2GEJ470X	RESISTOR	
	R4218	ERJ2GEJ470X	RESISTOR	
	R4219	ERJ2GEJ470X	RESISTOR	
	R4220	ERJ2GEJ470X	RESISTOR	
	R4221	ERJ2GEJ470X	RESISTOR	
	R4222	ERJ2GEJ470X	RESISTOR	
	R4223	ERJ2GEJ470X	RESISTOR	
	R4224	ERJ2GEJ470X	RESISTOR	
	R4225	ERJ2GEJ221X	RESISTOR	
	R4226	ERJ2GEJ470X	RESISTOR	
	R4228	ERJ2GEJ470X	RESISTOR	
	R4229	ERJ2GEJ470X	RESISTOR	
	R4230	ERJ2GEJ103X	FIXED RESISTOR	
	R4231	ERJ2RKF75R0X	RESISTOR	
	R4232	ERJ2GEJ301X	RESISTOR	
	R4234	ERJ2GEJ221X	RESISTOR	
	R4235	ERJ2GEJ103X	FIXED RESISTOR	
	R4236	ERJ2GEJ103X	FIXED RESISTOR	
	R4238	ERJ2GEJ103X	FIXED RESISTOR	
	R4244	ERJ2GEJ103X	FIXED RESISTOR	
	R4245	EXB28V473JX	RESISTOR	
	R4246	ERJ2GEJ680X	RESISTOR	
	R4247	ERJ2GEJ680X	RESISTOR	
	R4248	ERJ2GEJ680X	RESISTOR	
	R4249	ERJ2GEJ680X	RESISTOR	
	R4250	EXB28V680JX	RESISTOR	
	R4251	ERJ2GEJ680X	RESISTOR	
	R4252	ERJ2GEJ103X	FIXED RESISTOR	
	R4253	ERJ2GEJ103X	FIXED RESISTOR	
	R4254	ERJ2GEJ103X	FIXED RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R4255	ERJ2GEJ680X	RESISTOR	
	R4256	ERJ2GEJ103X	FIXED RESISTOR	
	R4257	ERJ2GEJ103X	FIXED RESISTOR	
	R4306	ERJ2GEJ101X	RESISTOR	
	R4307	ERJ2GEJ334X	RESISTOR	
	R4352	ERJ2GEJ473X	FIXED RESISTOR	
	R4357	ERJ2GEJ103X	FIXED RESISTOR	
	R4358	ERJ2GEJ473X	FIXED RESISTOR	
	R4359	ERJ2GEJ103X	FIXED RESISTOR	
	R4415	ERJ2GEJ330X	RESISTOR	
	R4416	ERJ2GEJ330X	RESISTOR	
	R4417	ERJ2GEJ680X	RESISTOR	
	R4419	ERJ2GEJ680X	RESISTOR	
	R4420	J0JYC0000065	COIL	
	R4421	ERJ2GEJ680X	RESISTOR	
	R4422	ERJ2GEJ473X	FIXED RESISTOR	
	R4423	ERJ2GEOR00X	FIXED RESISTOR	
	R4424	EXB2HV680JV	RESISTOR	
	R4425	EXB28V680JX	RESISTOR	
	R4426	ERJ2GEJ680X	RESISTOR	
	R4427	ERJ2GEJ680X	RESISTOR	
	R4428	ERJ2GEJ680X	RESISTOR	
	R4429	ERJ2GEJ680X	RESISTOR	
	R4434	ERJ2GEJ473X	FIXED RESISTOR	
	R4435	ERJ2GEJ680X	RESISTOR	
	R4436	ERJ2GEJ680X	RESISTOR	
	R4443	ERJ2GEJ101X	RESISTOR	
	R4444	ERJ2GEJ101X	RESISTOR	
	R4445	ERJ2GEJ101X	RESISTOR	
	R4446	ERJ2GEJ101X	RESISTOR	
	R4447	ERJ2GEJ101X	RESISTOR	
	R4448	ERJ2GEJ101X	RESISTOR	
	R4449	EXB28VR000X	RESISTOR	
	R4450	EXB28VR000X	RESISTOR	
	R4451	EXB28VR000X	RESISTOR	
	R4453	ERJ2GEJ473X	FIXED RESISTOR	
	R4500	ERJ2GEJ103X	FIXED RESISTOR	
	R4501	ERJ2GEJ103X	FIXED RESISTOR	
	R4502	ERJ2GEJ330X	RESISTOR	
	R4503	ERJ2GEJ330X	RESISTOR	
	R4504	ERJ2GEJ102X	FIXED RESISTOR	
	R4505	ERJ2GEJ102X	FIXED RESISTOR	
	R4506	ERJ2GEJ332X	CHIP RESISTOR	
	R4507	ERJ2GEJ332X	CHIP RESISTOR	
	R4524	ERJ2GEJ562X	RESISTOR	
	R4525	ERJ2GEJ562X	RESISTOR	
	R4528	ERJ2GEJ103X	FIXED RESISTOR	
	R4529	ERJ2GEJ473X	FIXED RESISTOR	
	R4530	ERJ2GEJ103X	FIXED RESISTOR	
	R4531	ERJ2GEJ473X	FIXED RESISTOR	
	R4532	ERJ2GEJ473X	FIXED RESISTOR	
	R4533	ERJ2GEJ473X	FIXED RESISTOR	
	R4538	ERJ2GEJ473X	FIXED RESISTOR	
	R4539	ERJ2GEOR00X	FIXED RESISTOR	
	R4540	ERJ2GEJ473X	FIXED RESISTOR	
	R4541	ERJ2GEOR00X	FIXED RESISTOR	
	R4542	ERJ2GEOR00X	FIXED RESISTOR	
	R4543	ERJ2GEOR00X	FIXED RESISTOR	
	R4546	ERJ2GEJ473X	FIXED RESISTOR	
	R4587	D1BB60400001	CHIP RESISTOR	
	R4588	D1BB8060A055	CHIP RESISTOR	
	R4589	D1BB8060A055	CHIP RESISTOR	
	R4592	D1BB8060A055	CHIP RESISTOR	
	R4593	D1BB2201A055	CHIP RESISTOR	
	R4596	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R4597	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R4598	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R4599	ERJ2GEJ220X	FIXED RESISTOR	
	R4601	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R4605	D1BB2201A055	CHIP RESISTOR	
	R4606	ERJ2GEOR00X	FIXED RESISTOR	
	R4608	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R4609	ERJ2GEJ122X	RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R4613	ERJ2GEOR00X	FIXED RESISTOR	
	R4616	ERJ2GEOR00X	FIXED RESISTOR	
	R4617	ERJ2GEJ473X	FIXED RESISTOR	
	R4618	ERJ2GEOR00X	FIXED RESISTOR	
	R4620	ERJ2GEJ473X	FIXED RESISTOR	
	R4624	ERJ2GEJ103X	FIXED RESISTOR	
	R4626	D1BB2200A055	CHIP RESISTOR	
	R4627	D1BB2200A055	CHIP RESISTOR	
	R4631	D1BB4990A055	CHIP RESISTOR	
	R4634	D1BB2200A055	CHIP RESISTOR	
	R4635	EXB28V680JX	RESISTOR	
	R4636	ERJ2GEJ680X	RESISTOR	
	R4637	ERJ2GEJ473X	FIXED RESISTOR	
	R4638	ERJ2GEJ680X	RESISTOR	
	R4639	EXB28V680JX	RESISTOR	
	R4640	EXB28V680JX	RESISTOR	
	R4641	ERJ2GEOR00X	FIXED RESISTOR	
	R4642	ERJ2GEJ473X	FIXED RESISTOR	
	R4645	ERJ2GEJ680X	RESISTOR	
	R4646	ERJ2GEJ680X	RESISTOR	
	R4648	EXB28V330JX	RESISTOR	
	R4649	EXB28V680JX	RESISTOR	
	R4650	ERJ2GEJ680X	RESISTOR	
	R4651	ERJ2GEJ680X	RESISTOR	
	R4652	ERJ2GEJ473X	FIXED RESISTOR	
	R4653	ERJ2GEOR00X	FIXED RESISTOR	
	R4656	ERJ2GEJ222X	RESISTOR	
	R4664	D1BB60400001	CHIP RESISTOR	
	R4665	ERJ2GEJ473X	FIXED RESISTOR	
	R4666	ERJ2GEJ473X	FIXED RESISTOR	
	R4674	ERJ2GEJ103X	FIXED RESISTOR	
	R4677	ERJ2GEJ103X	FIXED RESISTOR	
	R4678	EXB28V680JX	RESISTOR	
	R4679	EXB28V680JX	RESISTOR	
	R4698	ERJ2GEJ104X	FIXED RESISTOR	
	R4699	ERJ2GEJ104X	FIXED RESISTOR	
	R4707	ERJ2GEJ473X	FIXED RESISTOR	
	R4728	ERJ2GEJ103X	FIXED RESISTOR	
	R4729	ERJ2GEJ330X	RESISTOR	
	R4732	ERJ2GEJ332X	CHIP RESISTOR	
	R4733	ERJ2GEJ562X	RESISTOR	
	R4734	ERJ2GEJ102X	FIXED RESISTOR	
	R4735	ERJ2GEJ103X	FIXED RESISTOR	
	R4736	ERJ2GEJ473X	FIXED RESISTOR	
	R4738	ERJ2GEJ473X	FIXED RESISTOR	
	R4739	ERJ2GEJ473X	FIXED RESISTOR	
	R4742	ERJ2GEOR00X	FIXED RESISTOR	
	R4743	ERJ2GEOR00X	FIXED RESISTOR	
	R4799	EXB28V680JX	RESISTOR	
	R4847	ERJ2GEOR00X	FIXED RESISTOR	
	R4903	ERJ2GEJ473X	FIXED RESISTOR	
	R4906	ERJ2GEJ103X	FIXED RESISTOR	
	R4907	ERJ2GEJ102X	FIXED RESISTOR	
	R4908	ERJ2GEJ473X	FIXED RESISTOR	
	R4909	ERJ2GEJ302X	RESISTOR	
	R4912	ERJ2GEJ102X	FIXED RESISTOR	
	R4913	ERJ2GEJ102X	FIXED RESISTOR	
	R4914	ERJ2GEJ103X	FIXED RESISTOR	
	R4915	ERJ2GEJ103X	FIXED RESISTOR	
	R4916	ERJ2GEJ473X	FIXED RESISTOR	
	R4917	ERJ2GEJ103X	FIXED RESISTOR	
	R4918	ERJ2GEJ102X	FIXED RESISTOR	
	R4919	ERJ2GEJ103X	FIXED RESISTOR	
	R4920	ERJ2GEJ473X	FIXED RESISTOR	
	R4921	ERJ2GEJ473X	FIXED RESISTOR	
	R4923	D1BD4871A044	CHIP RESISTOR	
	R4924	ERJ2GEJ274X	RESISTOR	
	R4925	ERJ2GEJ102X	FIXED RESISTOR	
	R4926	ERJ2RKF3901X	RESISTOR	
	R4927	ERJ2GEJ100X	RESISTOR	
	R4928	ERJ2GEJ680X	RESISTOR	
	R4929	ERJ2GEJ680X	RESISTOR	
	R5361	ERJ2GEJ473X	FIXED RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R5407	ERJ2GEJ103X	FIXED RESISTOR	
	R5408	ERJ2GEJ473X	FIXED RESISTOR	
	R5409	ERJ2GEJ103X	FIXED RESISTOR	
	R5410	ERJ2GEJ103X	FIXED RESISTOR	
	R5411	ERJ2RKF3001X	RESISTOR	
	R5412	ERJ2RKF1001X	RESISTOR	
	R5414	ERJ2RKF6342X	RESISTOR	
	R5415	ERJ2RKF1002X	CHIP RESISTOR	
	R5421	ERJ2GEJ103X	FIXED RESISTOR	
	R5422	ERJ2GEJ473X	FIXED RESISTOR	
	R5423	ERJ2GEJ563X	RESISTOR	
	R5424	ERJ2GEJ223X	RESISTOR	
	R5425	ERJ2GEJ103X	FIXED RESISTOR	
	R5431	ERJ2GEJ103X	FIXED RESISTOR	
	R5432	ERJ2GEJ473X	FIXED RESISTOR	
	R5433	ERJ2GEJ333X	RESISTOR	
	R5434	ERJ2GEJ223X	RESISTOR	
	R5435	ERJ12YJ471U	M 470OHM, J, 1/2W	
	R5441	ERJ6ENF8202	M 82KOHM, 1/10W	
	R5442	D1BD1602A044	CHIP RESISTOR	
	R5443	ERJ6GEY0R00	M 0OHM, J, 1/10W	
	R5449	ERJ2GE0R00X	FIXED RESISTOR	
	R5461	ERJ2GEJ473X	FIXED RESISTOR	
	R5462	ERJ2GEJ274X	RESISTOR	
	R5463	ERJ2GEJ105X	FIXED RESISTOR	
	R5469	ERJ2GEJ203X	CHIP RESISTOR	
	R5470	ERJ2GEJ222X	RESISTOR	
	R5475	ERJ2GEJ103X	FIXED RESISTOR	
	R5476	ERJ2GEJ153X	RESISTOR	
	R5480	ERJ2GEJ473X	FIXED RESISTOR	
	R5481	ERJ2GEJ101X	RESISTOR	
	R5482	ERJ2GEJ470X	RESISTOR	
	R5483	ERJ2GEJ563X	RESISTOR	
	R5484	ERJ2GEJ203X	CHIP RESISTOR	
	R5485	ERJ2GEJ101X	RESISTOR	
	R5486	ERJ2GEJ103X	FIXED RESISTOR	
	R5487	ERJ2GEJ473X	FIXED RESISTOR	
	R5488	ERJ2GEJ183X	FIXED RESISTOR	
	R5489	ERJ2GEJ333X	RESISTOR	
	R5490	ERJ2GEJ472X	RESISTOR	
	R5491	ERJ6GEYJ331	M 330OHM, J, 1/10W	
	R5492	ERJ2GEJ680X	RESISTOR	
	R5493	ERJ2GEJ223X	RESISTOR	
	R5494	ERJ2GEJ683X	RESISTOR	
	R5495	ERJ2GEJ103X	FIXED RESISTOR	
	R5496	ERJ2GEJ473X	FIXED RESISTOR	
	R5497	ERJ2GEJ473X	FIXED RESISTOR	
	R5499	ERJ2GEJ102X	FIXED RESISTOR	
	R5501	ERJ2GEJ103X	FIXED RESISTOR	
	R5502	ERJ2GEJ473X	FIXED RESISTOR	
	R5503	ERJ2GEJ104X	FIXED RESISTOR	
	R5504	ERJ2GEJ473X	FIXED RESISTOR	
	R5505	ERJ2GEJ104X	FIXED RESISTOR	
	R5529	D1BB2702A055	CHIP RESISTOR	
	R5530	D1BB2402A055	CHIP RESISTOR	
	R5531	D1BB5102A055	CHIP RESISTOR	
	R5532	D1BB3002A055	CHIP RESISTOR	
	R5533	D1BB1602A055	CHIP RESISTOR	
	R5534	D1BB2402A055	CHIP RESISTOR	
	R5535	ERJ2GEJ5R6X	FIXED RESISTOR	
	R5536	ERJ2GEJ103X	FIXED RESISTOR	
	R5537	ERJ2GEJ473X	FIXED RESISTOR	
	R5538	ERJ2GEJ104X	FIXED RESISTOR	
	R5539	ERJ2GEJ473X	FIXED RESISTOR	
	R5540	ERJ2GEJ104X	FIXED RESISTOR	
	R5556	ERJ2GEJ682X	RESISTOR	
	R5557	ERJ2GEJ104X	FIXED RESISTOR	
	R5558	ERJ2GEJ331X	RESISTOR	
	R5559	ERJ2GEJ103X	FIXED RESISTOR	
	R5560	ERJ2GEJ104X	FIXED RESISTOR	
	R5561	ERJ2GEJ103X	FIXED RESISTOR	
	R5598	ERJ3GEYJ471	M 470OHM, J, 1/16W	
	R5599	ERJ3GEYJ471	M 470OHM, J, 1/16W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R5603	D1BB2402A055	CHIP RESISTOR	
	R5604	D1BB3901A055	CHIP RESISTOR	
	R5605	D1BB2201A055	CHIP RESISTOR	
	R5610	ERJ2GEJ5R6X	FIXED RESISTOR	
	R5620	ERJ2GEJ680X	RESISTOR	
	R5629	D1BB2101A055	FIXED RESISTOR	
	R5630	D1BB3301A055	CHIP RESISTOR	
	R5631	D1BB3901A055	CHIP RESISTOR	
	R5632	D1BB4021A055	CHIP RESISTOR	
	R5633	D1BB1602A055	CHIP RESISTOR	
	R5634	D1BB2402A055	CHIP RESISTOR	
	R5635	ERJ2GEJ5R6X	FIXED RESISTOR	
	R7101	ERC12ZGK105	S 1MOHM, K, 1/2W	
	R7163	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7201	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7202	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7203	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7204	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7205	ERJ6ENF3302	M 33KOHM, 1/10W	
	R7206	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
	R7207	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
	R7208	ERJ8GEYJ100	M 100HM, J, 1/8W	
	R7209	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7210	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
	R7211	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W	
	R7212	ERDS1TJ471	C 470OHM, J, 1/2W	
	R7213	ERJ6GEYJ681	M 680OHM, J, 1/10W	
	R7214	ERJ8GEYJ101	M 100OHM, J, 1/8W	
	R7215	ERDS1TJ220	C 22OHM, J, 1/2W	
	R7216	ERDS1TJ220	C 22OHM, J, 1/2W	
	R7217	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
	R7218	ERX2SJR33P	RESISTOR	
	R7219	ERX2SJR33P	RESISTOR	
	R7220	ERX12SJR22P	METAL FILM RESISTOR	
	R7221	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7222	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7223	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7224	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7225	ERJ6ENF1802	M 18KOHM, 1/10W	
	R7226	ERJ6ENF1801	M 1.8KOHM, 1/10W	
	R7227	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7228	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7229	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7230	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7231	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7232	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7233	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7234	ERJ6ENF3903	M 390KOHM, 1/10W	
	R7235	ERDS2TJ101	C 100OHM, J, 1/4W	
	R7301	ERX1SJR47P	METAL FILM RESISTOR	
	R7302	ERJ12YJ474U	RESISTOR	
	R7303	ERG3SJ470P	M 47OHM, J, 3W	
	R7304	ERX1SJR68P	M 0.68OHM, J, 1W	
	R7306	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7308	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7309	ERDS1TJ330	C 33OHM, J, 1/2W	
	R7310	ERDS1TJ100	C 100HM, J, 1/2W	
	R7312	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7317	D0XB106J0003	RESISTOR	
	R7318	ERJ6GEYJ683	M 68KOHM, J, 1/10W	
	R7401	ERF2AJ100P	RESISTOR	
	R7402	ERJ12YJ105U	FIXED RESISTOR	
	R7403	ERDS1TJ6R8	C 6.8OHM, J, 1/2W	
	R7404	ERDS1TJ6R8	C 6.8OHM, J, 1/2W	
	R7405	ERDS1TJ220	C 22OHM, J, 1/2W	
	R7406	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
	R7407	ERDS1TJ100	C 100HM, J, 1/2W	
	R7409	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7410	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7503	ERG2SJ102H	M 1KOHM, J, 2W	
	R7506	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7507	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7508	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7509	ERJ6ENF2201	M 2.2KOHM, 1/10W	
	R7510	ERJ6ENF3300	M 330OHM, 1/10W	
	R7511	ERJ6ENF3301	M 3.3KOHM, 1/10W	
	R7512	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7513	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7523	ERG2SJ102H	M 1KOHM, J, 2W	
	R7524	ERG2SJ102H	M 1KOHM, J, 2W	
	R7601	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7602	ERJ6GEYJ151	M 150OHM, J, 1/10W	
	R7603	ERJ6ENF4700	M 470OHM, 1/10W	
	R7604	ERJ6ENF5601	M 5.6KOHM, 1/10W	
	R7605	ERJ6ENF4701	M 4.7KOHM, 1/10W	
	R7606	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7609	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7610	ERJ6GEYJ224	M 220KOHM, J, 1/10W	
	R7611	ERJ6GEYJ474	M 470KOHM, J, 1/10W	
	R7612	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7614	ERJ6GEYJ221	M 220OHM, J, 1/10W	
	R7615	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7616	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7617	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7701	ERDS2TJ101	C 100OHM, J, 1/4W	
	R7702	ERJ12YJ154U	M 150KOHM, J, 1/2W	
	R7703	ERJ12YJ154U	M 150KOHM, J, 1/2W	
	R7704	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7705	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7706	ERJ6GEYJ124	M 120KOHM, J, 1/10W	
	R7707	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7708	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7709	ERJ6GEYJ153	M 15KOHM, J, 1/10W	
	R7710	ERJ6GEYJ334	M 330KOHM, J, 1/10W	
	R7711	ERJ6GEYJ154	M 150KOHM, J, 1/10W	
	R7712	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7713	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7714	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7715	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7716	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7717	ERJ6GEYJ153	M 15KOHM, J, 1/10W	
	R7718	ERJ6GEYJ823	M 82KOHM, J, 1/10W	
	R7719	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
	R7720	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7721	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7722	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7723	ERJ8GEYJ100	M 10OHM, J, 1/8W	
	R7724	ERJ6GEYJ823	M 82KOHM, J, 1/10W	
	R7725	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
	R7726	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7727	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7728	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7729	ERJ6GEYJ100	M 10OHM, J, 1/10W	
	R7735	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7801	ERJ6GEYJ220	M 22OHM, J, 1/10W	
	R7802	ERJ6GEYJ821	M 820OHM, J, 1/10W	
	R7803	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7804	ERJ6GEYJ220	M 22OHM, J, 1/10W	
	R7805	ERJ6GEYJ821	M 820OHM, J, 1/10W	
	R7806	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7807	ERJ6GEYJ220	M 22OHM, J, 1/10W	
	R7808	ERJ6GEYJ821	M 820OHM, J, 1/10W	
	R7809	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7810	ERJ6GEYJ220	M 22OHM, J, 1/10W	
	R7811	ERJ6GEYJ821	M 820OHM, J, 1/10W	
	R7812	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7813	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7814	ERJ6GEYJ1R0	M 10HM, J, 1/10W	
	R7815	ERJ6GEYJ273	M 27KOHM, J, 1/10W	
	R7816	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	
	R7817	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	
	R7818	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7819	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7851	ERG2SJ330H	M 33OHM, J, 2W	
	R7852	ERG2SJ330H	M 33OHM, J, 2W	
	R7855	ERJ6GEYJ101	M 100OHM, J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7856	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7857	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
	R7858	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7860	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7861	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7862	ERJ6ENF2202	M 22KOHM, 1/10W	
	R7863	ERJ6ENF1003	M 100KOHM, 1/10W	
	R7864	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7865	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7866	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7867	ERJ6GEYJ124	M 120KOHM, J, 1/10W	
	R7868	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7869	ERJ6GEYJ393	M 39KOHM, J, 1/10W	
	R7870	ERJ6GEYJ334	M 330KOHM, J, 1/10W	
	R7871	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7874	ERJ6ENF5602	M 56KOHM, 1/10W	
	R7875	ERJ6ENF5603	M 560KOHM, 1/10W	
	R7876	ERJ6GEYJ474	M 470KOHM, J, 1/10W	
	R7877	D0GD105JA036	FIXED RESISTOR	
	R7878	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7879	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7880	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7881	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7883	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
	R7884	ERJ6GEYJ102	M 1KOHM, J, 1/10W	
	R7885	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7886	ERJ6GEYJ153	M 15KOHM, J, 1/10W	
	R7888	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W	
	R7889	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7890	ERJ6GEYJ101	M 100OHM, J, 1/10W	
	R7891	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7892	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7893	ERJ6GEYJ104	M 100KOHM, J, 1/10W	
	R7894	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
	R7895	ERJ6GEYJ223	M 22KOHM, J, 1/10W	
	R7896	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	
	R7897	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W	
	R7903	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7904	ERJ6ENF2202	M 22KOHM, 1/10W	
	R7905	ERJ6ENF2202	M 22KOHM, 1/10W	
	R7906	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7907	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7908	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7909	ERJ6ENF4702	M 47KOHM, 1/10W	
	R7910	ERJ6ENF1502	M 15KOHM, 1/10W	
	R7911	ERJ6ENF3902	M 39KOHM, 1/10W	
	R7912	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7913	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7914	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7915	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7916	ERJ6GEYJ473	M 47KOHM, J, 1/10W	
	R7917	ERJ6GEYJ103	M 10KOHM, J, 1/10W	
	R7918	ERJ6GEYJ105	M 1MOHM, J, 1/10W	
	R7925	ERJ6ENF4701	M 4.7KOHM, 1/10W	
	R7926	ERJ6ENF2202	M 22KOHM, 1/10W	
	R8004	D1BB2402A055	CHIP RESISTOR	
	R8005	D1BB1002A055	CHIP RESISTOR	
	R8006	D1BB2402A055	CHIP RESISTOR	
	R8026	ERJ2GE0R00X	FIXED RESISTOR	
	R8027	ERJ2GE0R00X	FIXED RESISTOR	
	R8030	ERJ2GEJ101X	RESISTOR	
	R8031	ERJ2RKF1001X	RESISTOR	
	R8032	ERJ2RKF1001X	RESISTOR	
	R8056	ERJ2GEJ470X	RESISTOR	
	R8057	ERJ2GEJ470X	RESISTOR	
	R8058	ERJ2GEJ470X	RESISTOR	
	R8059	ERJ2GEJ470X	RESISTOR	
	R8060	ERJ2GEJ470X	RESISTOR	
	R8061	ERJ2GEJ470X	RESISTOR	
	R8062	ERJ2GEJ470X	RESISTOR	
	R8063	ERJ2GEJ470X	RESISTOR	
	R8064	ERJ2GEJ470X	RESISTOR	
	R8065	ERJ2GEJ470X	RESISTOR	

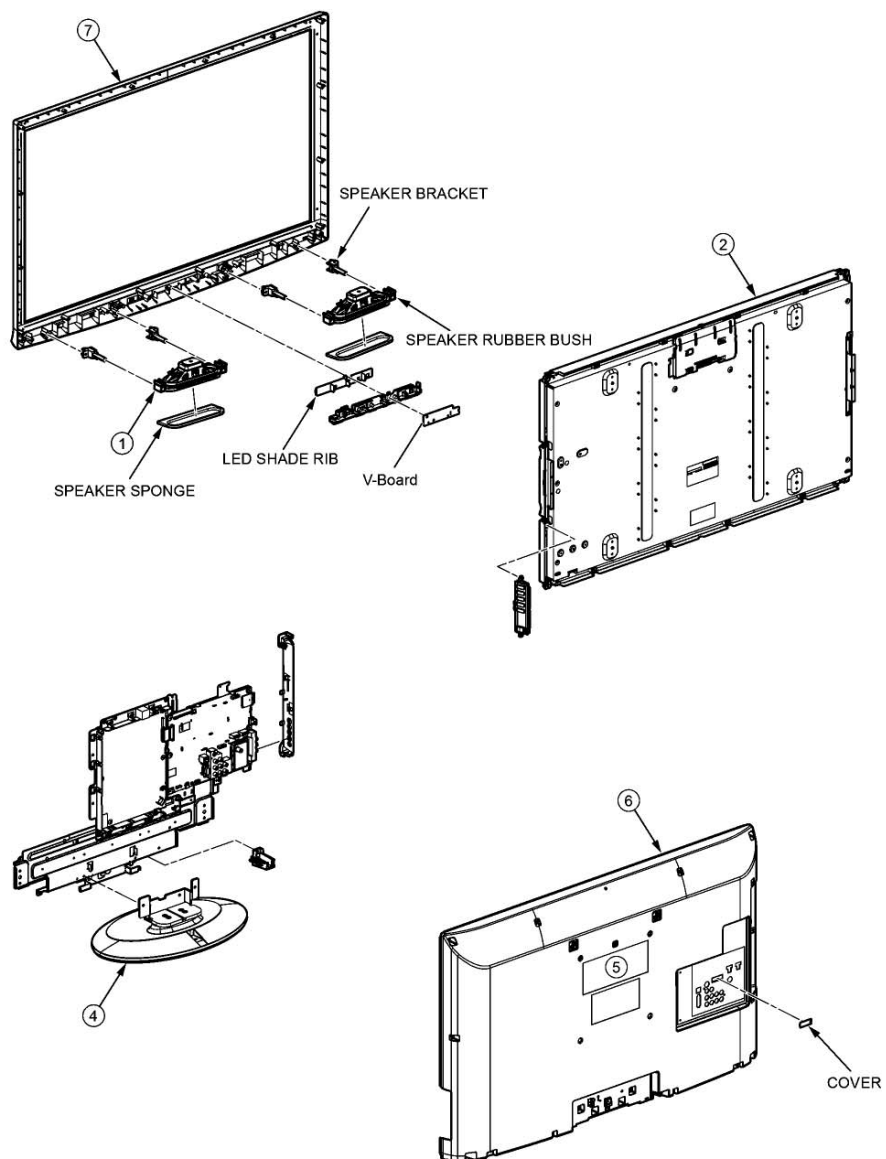
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R8066	ERJ2GEJ470X	RESISTOR	
	R8067	ERJ2GEJ470X	RESISTOR	
	R8068	ERJ2GEJ470X	RESISTOR	
	R8069	ERJ2GEJ470X	RESISTOR	
	R8070	ERJ2GEJ470X	RESISTOR	
	R8071	ERJ2GEJ470X	RESISTOR	
	R8072	ERJ2GEJ470X	RESISTOR	
	R8073	ERJ2GEJ470X	RESISTOR	
	R8074	ERJ2GEJ221X	RESISTOR	
	R8075	ERJ2GEJ470X	RESISTOR	
	R8076	ERJ2GEJ470X	RESISTOR	
	R8077	ERJ2GEJ470X	RESISTOR	
	R8078	ERJ2GEJ470X	RESISTOR	
	R8081	ERJ2GEJ103X	FIXED RESISTOR	
	R8082	ERJ2RKF75R0X	RESISTOR	
	R8083	ERJ2GEJ301X	RESISTOR	
	R8086	ERJ2GEJ104X	FIXED RESISTOR	
	R8088	ERJ2GEJ103X	FIXED RESISTOR	
	R8090	ERJ2GEJ103X	FIXED RESISTOR	
	R8091	ERJ2GEJ470X	RESISTOR	
	R8093	ERJ2GEJ470X	RESISTOR	
	R8095	ERJ2GEJ103X	FIXED RESISTOR	
	R8096	ERJ2GEJ820X	RESISTOR	
	R8097	ERJ2GEJ221X	RESISTOR	
	R8100	ERJ2GEJ470X	RESISTOR	
	R8101	ERJ2GEJ103X	FIXED RESISTOR	
	R8260	ERJ2GEJ102X	FIXED RESISTOR	
	R8272	ERJ2GEJ103X	FIXED RESISTOR	
	R8412	ERJ2GEJ103X	FIXED RESISTOR	
	R8471	ERJ2GEJ103X	FIXED RESISTOR	
	R8475	EXB28V103JX	RESISTOR	
	R8493	ERJ2GEJ680X	RESISTOR	
	R8494	ERJ2GEJ222X	RESISTOR	
	R8496	ERJ2GEJ222X	RESISTOR	
	R8501	ERJ2GEJ101X	RESISTOR	
	R8502	ERJ2GEJ331X	RESISTOR	
	R8503	ERJ2GEJ331X	RESISTOR	
	R8504	ERJ2GEJ331X	RESISTOR	
	R8506	ERJ2GEJ331X	RESISTOR	
	R8508	ERJ2GEJ680X	RESISTOR	
	R8510	D1BB1600A055	CHIP RESISTOR	
	R8511	ERJ2GEJ472X	RESISTOR	
	R8514	ERJ2GEJ680X	RESISTOR	
	R8515	ERJ2GEJ222X	RESISTOR	
	R8516	ERJ2GEJ222X	RESISTOR	
	R8517	ERJ2GEJ103X	FIXED RESISTOR	
	R8520	ERJ2GEJ103X	FIXED RESISTOR	
	R8558	ERJ2GEJ680X	RESISTOR	
	R8575	ERJ2GEJ680X	RESISTOR	
	R8576	ERJ2GEJ680X	RESISTOR	
	R8577	ERJ2GEJ680X	RESISTOR	
	R8578	ERJ2GEJ680X	RESISTOR	
	R8579	ERJ2GEJ680X	RESISTOR	
	R8580	ERJ2GEJ680X	RESISTOR	
	R8581	ERJ2GEJ103X	FIXED RESISTOR	
	R8582	ERJ2GEJ680X	RESISTOR	
	R8585	ERJ2GEJ680X	RESISTOR	
	R8606	ERJ2GEJ680X	RESISTOR	
	R8607	ERJ2GEJ680X	RESISTOR	
	R8608	ERJ2GEJ680X	RESISTOR	
	R8609	ERJ2GEJ103X	FIXED RESISTOR	
	R8610	ERJ2GEJ330X	RESISTOR	
	R8611	ERJ2GEJ680X	RESISTOR	
	R8612	ERJ2GEJ680X	RESISTOR	
	R8613	ERJ2GEJ680X	RESISTOR	
	R8614	ERJ2GEJ680X	RESISTOR	
	R8615	ERJ2GEJ680X	RESISTOR	
	R8616	ERJ2GEJ680X	RESISTOR	
	R8617	ERJ2GEJ680X	RESISTOR	
	R8618	ERJ2GEJ103X	FIXED RESISTOR	
	R8619	ERJ2GEJ103X	FIXED RESISTOR	
	R8620	ERJ2GEJ103X	FIXED RESISTOR	
	R8626	ERJ2GEJ680X	RESISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R8627	ERJ2GEJ680X	RESISTOR	
	R8628	ERJ2GEJ103X	FIXED RESISTOR	
	R8629	ERJ2GEJ103X	FIXED RESISTOR	
	R8630	ERJ2GEJ103X	FIXED RESISTOR	
	R8637	ERJ2GEJ680X	RESISTOR	
	R8638	ERJ2GEJ680X	RESISTOR	
	R8639	ERJ2GEJ680X	RESISTOR	
	R8640	ERJ2GEJ103X	FIXED RESISTOR	
	R8641	ERJ2GEJ103X	FIXED RESISTOR	
	R8642	ERJ2GEJ103X	FIXED RESISTOR	
	R8644	ERJ2GE0R00X	FIXED RESISTOR	
	R8645	ERJ2GEJ680X	RESISTOR	
	R8646	ERJ2GEJ680X	RESISTOR	
	R8647	ERJ2GEJ680X	RESISTOR	
	R8651	ERJ2GEJ680X	RESISTOR	
	R8652	ERJ2GEJ680X	RESISTOR	
	R8653	ERJ2GEJ680X	RESISTOR	
	R8654	ERJ2GEJ103X	FIXED RESISTOR	
	R8658	ERJ2GEJ103X	FIXED RESISTOR	
	R8660	ERJ2GE0R00X	FIXED RESISTOR	
	R8661	ERJ2GEJ103X	FIXED RESISTOR	
	R8663	ERJ2GEJ103X	FIXED RESISTOR	
	R8665	ERJ2GEJ222X	RESISTOR	
	R8666	ERJ2GEJ103X	FIXED RESISTOR	
	R8667	ERJ2GEJ680X	RESISTOR	
	R8672	EXB2HV680JV	RESISTOR	
	R8673	EXB2HV680JV	RESISTOR	
	R8674	EXB2HV103JV	RESISTOR	
	R8676	ERJ2GEJ103X	FIXED RESISTOR	
	R8677	ERJ2GEJ222X	RESISTOR	
	R8688	EXB2HV680JV	RESISTOR	
	R8689	EXB2HV680JV	RESISTOR	
	R8690	EXB2HV680JV	RESISTOR	
	R8691	ERJ2GEJ103X	FIXED RESISTOR	
	R8692	ERJ2GEJ680X	RESISTOR	
	R8697	ERJ2GEJ222X	RESISTOR	
	R8703	ERJ2GEJ680X	RESISTOR	
	R8715	ERJ2GEJ103X	FIXED RESISTOR	
	R8716	ERJ2GEJ103X	FIXED RESISTOR	
	R8718	ERJ2GEJ103X	FIXED RESISTOR	
	R8719	EXB28V103JX	RESISTOR	
	R8722	EXB28V103JX	RESISTOR	
	R8723	ERJ2GEJ103X	FIXED RESISTOR	
	R8724	ERJ2GEJ680X	RESISTOR	
	R8726	ERJ2GEJ680X	RESISTOR	
	R8729	ERJ2GEJ121X	FIXED RESISTOR	
	R8730	ERJ2GEJ121X	FIXED RESISTOR	
	R8732	ERJ2GEJ121X	FIXED RESISTOR	
	R8733	ERJ2GEJ121X	FIXED RESISTOR	
	R8734	ERJ2GEJ121X	FIXED RESISTOR	
	R8735	ERJ2GEJ121X	FIXED RESISTOR	
	R8736	ERJ2GEJ121X	FIXED RESISTOR	
	R8738	ERJ2GEJ121X	FIXED RESISTOR	
	R8739	ERJ2GEJ121X	FIXED RESISTOR	
	R8740	ERJ2GEJ121X	FIXED RESISTOR	
	R8742	EXB2HV121JV	RESISTOR	
	R8745	EXB2HV121JV	RESISTOR	
	R8746	ERJ2GEJ103X	FIXED RESISTOR	
	R8747	ERJ2GEJ103X	FIXED RESISTOR	
	R8750	ERJ2GEJ103X	FIXED RESISTOR	
	R8751	ERJ2GEJ103X	FIXED RESISTOR	
	R8765	ERJ2GEJ103X	FIXED RESISTOR	
	R8767	ERJ2GEJ103X	FIXED RESISTOR	
	R8768	ERJ2GEJ103X	FIXED RESISTOR	
	R8770	ERJ2GEJ103X	FIXED RESISTOR	
	R8802	ERJ2GEJ221X	RESISTOR	
	R8803	ERJ2GEJ330X	RESISTOR	
	R8804	ERJ2GEJ330X	RESISTOR	
	R8805	ERJ2GEJ330X	RESISTOR	
	R8806	ERJ2GEJ330X	RESISTOR	
	R8807	ERJ2GEJ330X	RESISTOR	
	R8808	ERJ2GEJ680X	RESISTOR	
	R8860	ERJ2GEJ680X	RESISTOR	

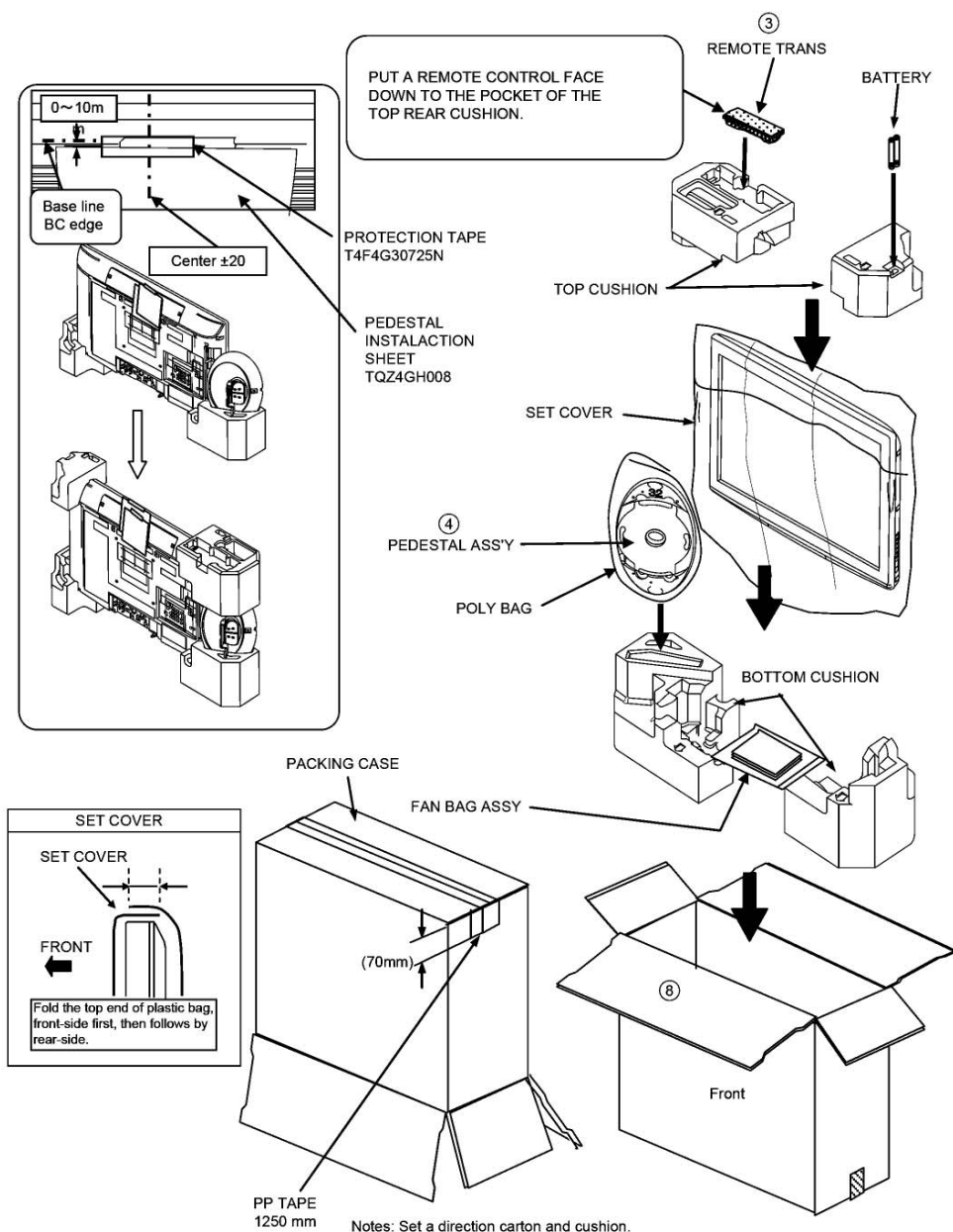
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R8898	ERJ2GEJ103X	FIXED RESISTOR	
	R8959	ERJ2GEJ680X	RESISTOR	
	R8960	ERJ2GEJ680X	RESISTOR	
	R8963	ERJ2GEJ103X	FIXED RESISTOR	
		TRANSFORMERS		
⚠	T7202	G4DYA0000157	SWITCHING TRANSFORMER	
⚠	T7301	G4DYA0000158	TRANSFORMER	
⚠	T7401	G4DYA0000159	TRANSFORMER	
⚠	T7801	G4FYC0000002	HIGH VOLT TRANSFORMER	
⚠	T7802	G4FYC0000002	HIGH VOLT TRANSFORMER	
⚠	T7803	G4BYA0000022	PULSE TRANSFORMER	
		OTHERS		
	A01	K1KA04B00273	CONNECTOR	
	A03	K1KY23AA0607	CONNECTOR	
	A10	K1KA09B00112	CONNECTOR	
	A11	K1KB51B00003	CONNECTOR	
	A12	K1KA04AA0190	CONNECTOR	
	A20	K1KA05A00466	CONNECTOR	
	CF7101	D4CAY8R0A010	COIL	
	CN0100	K1KA08AA0714	CONNECTOR	
	CN4201	K1KA07AA0266	CONNECTOR	
	FL4900	EXC28CE201U	CHOKE COIL	
	FL4901	EXC28CE201U	CHOKE COIL	
	FL4902	EXC28CE201U	CHOKE COIL	
	FL4903	EXC28CE201U	CHOKE COIL	
	FL4904	EXC28CE201U	CHOKE COIL	
	FL4905	EXC28CE201U	CHOKE COIL	
	JK3001	K1FY315A0003	CONNECTOR	
	JK3100A	K2HA9YYA0002	AV TERMINAL	
	JK3107	K4AK16B00001	AV TERMINAL	
	JK4500	K1FY119D0006	CONNECTOR	
	JK4501	K1FY119D0006	CONNECTOR	
	JK4502	K1FY119E0005	HDMI TERMINAL	
	JK8302	K1NA09E00080	CARD READER	
	JS1002	ERJ2GE0R00X	FIXED RESISTOR	
	JS1027	ERJ2GE0R00X	FIXED RESISTOR	
	JS2502	ERJ2GE0R00X	FIXED RESISTOR	
	K01	K1KA04BA0047	CONNECTOR	
	LF7101	G0B103H00009	CHOKE COIL	
	LF7102	G0B103H00009	CHOKE COIL	
	LF7103	G0B103H00009	CHOKE COIL	
	P1	K1KA02B00295	CONNECTOR	
	P2	K1KY23AA0606	CONNECTOR	
	P3	K1KA04AA0193	CONNECTOR	
	P4	K1KA05AA0193	CONNECTOR	
	P5	K1KY02B00011	CONNECTOR	
	P6	K1KY02B00011	CONNECTOR	
⚠	PA5420	ERBSE5R00U	FUSE	
⚠	PA5430	ERBSE2R50U	FUSE	
	PC7301	B3PAA0000363	PHOTO COUPLER	
	PC7401	B3PAA0000363	PHOTO COUPLER	
	PC7701	B3PAA0000363	PHOTO COUPLER	
	PC7702	B3PAA0000363	PHOTO COUPLER	
⚠	RL7101	K6B1AYY00048	AC RELAY	
⚠	RL7102	K6B1AYY00048	AC RELAY	
⚠	RL7103	K6B1AYY00048	AC RELAY	
	RM2500	B3RAD0000168	PHOTO DETECTOR	
	SN2500	B3JB00000046	PHOTO DETECTOR	
⚠	SW2600	ESB33535XFD	POWER SWITCH	
	SW2601	K0H1BA000445	CONNECTOR	
	SW2602	K0H1BA000445	CONNECTOR	
	SW2603	K0H1BA000445	CONNECTOR	
	SW2604	K0H1BA000445	CONNECTOR	
	SW2605	K0H1BA000445	CONNECTOR	
⚠	TU2901A	ENG39E04GRF	TUNER	
	V10	K1KA07B00135	CONNECTOR	
	VR7851	EVMEASA00B14	TRIMMER POTENTIOMETER	
	X1100	H0J100500035	CRYSTAL OSC	
	X2010	H0J245500089	CRYSTAL OSC	
	X4200	H0J204500006	CRYSTAL OSC	
	X8001	H0J270500120	CRYSTAL OSC	
	ZA7001	K4AD01A00002	CONNECTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	ZA7002	K4AD01A00002	CONNECTOR	

Model No. : TH-L37X15R Parts Location



Model No. : TH-L37X15R Packing Exploded View



Model No. : TH-L37X15R Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
	1	EAS16S12B	SPEAKER		
		K1PY51Y00025	LVDS 37"		
		K2CQ2YY00037	AC CORD		
		K5D502BNA005	FUSE		
	2	L5EDD9Q00009	LCD PANEL		
	3	N2QAYB000370	REMOTE CONTROL		
	4	TBL4GA0015	PEDESTAL ASSEMBLY		
		TBM4GA002	PANASONIC LOGO SHEET		
	5	TBM4GC281	MODEL NAME PLATE		
		TBM4GU029	REAV AV INDICATION SHEET		
		TBM4GU031	SIDE AV INDICATION SHEET		
		TBM4GU032	HDMI SHEET		
		TBX4GA01101A	CONTROL BUTTON		
		TBX4GA01201A	POWER BUTON		
		TKK4G8611	COVER		
		TKK4GC5010	LED PANEL		
		TKP4GA02502A	SIDE AV BRACKET		
		TKP4GA02601	CONTROL PANEL BRACKET		
		TKX4GA01001	SPEAKER BRACKET		
		TKX4GA01201	PEDESTAL COVER		
		TKX4GA01301	LED SHADE - RIB		
		TMX4GX001	AC CORD BRACKET		
	NLA	TZT/A10NBV	A PRINT ASSEMBLY		
	NLA	TNPA4834AC	V PRINT		
	NLA	TNPA4881AB	P BOARD		
	NLA	TNPA4901AA	K PRINT		
		TPD4GA0094-1	TOP CUSHION		
		TPD4GA0095-1	BOTTOM CUSHION		
		TPE4GH004	POLYBAG		
		TPE4GH015	SET COVER		
		TQZ4GB184	FAN BAG ASSY		
	6	TTU4GA0150	BACK COVER ASSY		
	7	TTY4GA0069	CABINET ASSEMBLY		
	8	TXFPC010NBW	PACKING CASE ASSY		
		TXFPE01RLTU	CLEANING CLOTH ASSY		
		XTB4+18JFJK	SCREW		