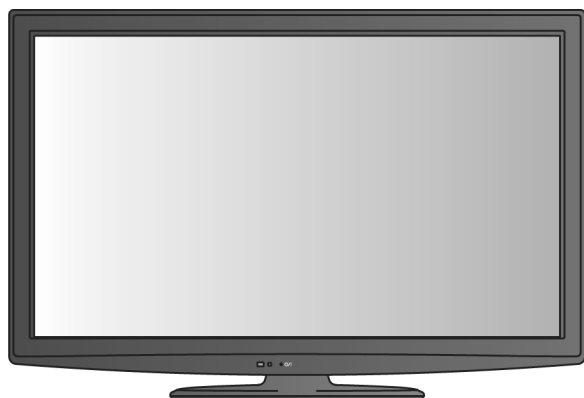


Service Manual

LCD TV



Model No. TH-L42S25S

Chassis: LA02

Destination: INDONESIA

WARNING

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

IMPORTANT SAFETY NOTICE

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

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1 Safety Precautions

1.1. General Guidelines

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

1.1.1. Leakage Current Cold Check

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

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

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

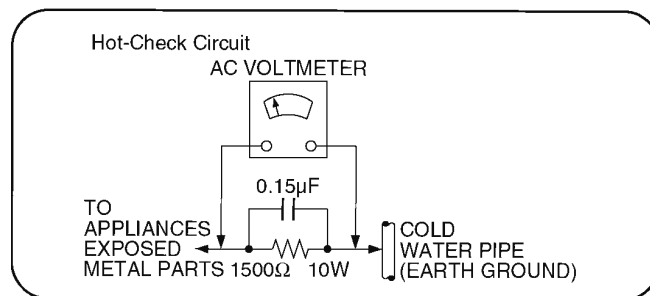


Figure 1

2 Warning

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

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

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

Caution

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

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

2.2. About lead free solder (PbF)

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

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

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

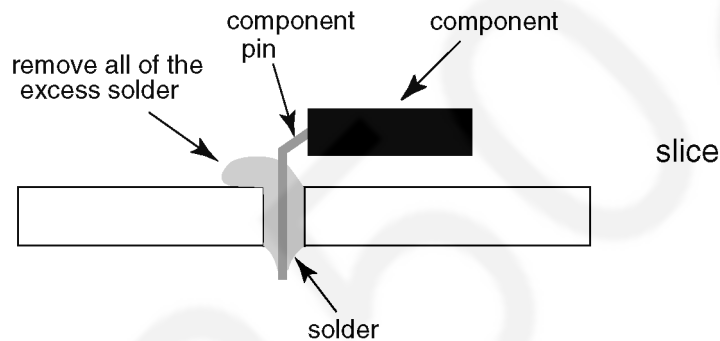
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

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

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

Caution

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



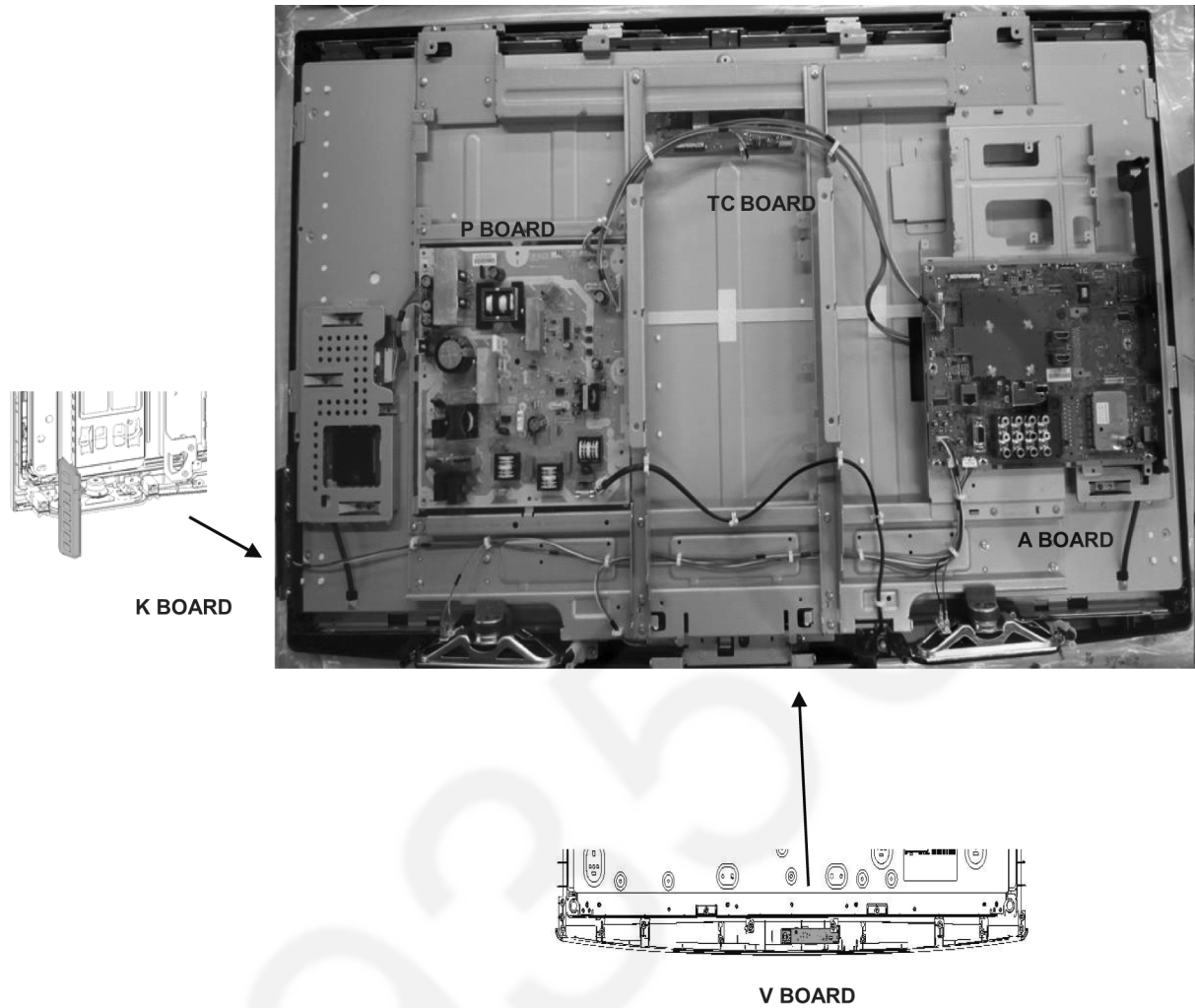
Suggested Pb free solder

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

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

3 Service Navigation

3.1. Service Hint



Board Name	Function
A BOARD	AVSW, TUN, OFDM, ADV, P-AVC, GENX, EEP, TEMP
V BOARD	Remote, LED, Luminance Sensor
K BOARD	CONTROL BUTTON, POWER BUTTON
P BOARD	Power Supply
T CON BOARD	T-CON for LG 100Hz panel

4 Specifications

Power Source	AC 110 V, 50 / 60 Hz
Power Consumption	
Average use	200 W
Standby condition	0.4 W
Display panel	
Aspect Ratio	16:9
Visible screen size	106 cm (diagonal) 930 mm (W) × 523 mm (H)
Number of pixels	2,073,600 (1,920 (W) × 1,080 (H)) [5,760 × 1,080 dots]
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, WVGA, XGA SXGA, WXGA (compressed) Horizontal scanning frequency 31 - 69 kHz Vertical scanning frequency 59 - 86 Hz

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

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

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

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

Monitor Output	AUDIO L-R	RCA PIN Type × 2	0.5 V [rms] (high impedance)
	VIDEO	RCA PIN Type × 1	1.0 V [p-p] (75 Ω)
Others	HDMI 1 - 3 Input	TYPE A Connectors	• This TV supports 'HDAVI Control 5' function.
	PC Input	HIGH-DENSITY D-SUB 15 PIN	R / G / B: 0.7 V [p-p] (75 Ω)
	DIGITAL AUDIO OUT	PCM / Dolby Digital, Fiber optic	HD / VD: TTL LEVEL 2.0-5.0 V [p-p] (high impedance)
	Card Slot	SD Card slot × 1	
	USB 1/2	USB 2.0 Type A connector	DC 5V, Max 500mA
	ETHERNET	10BASE-T / 100BASE-TX	
Dimension (W x H x D)		1,021 mm × 680 mm × 310 mm (With Pedestal)	
		1,021 mm × 637 mm × 105 mm (TV only)	
Mass		21.0 kg Net (With Pedestal)	
		18.0 kg Net (TV only)	

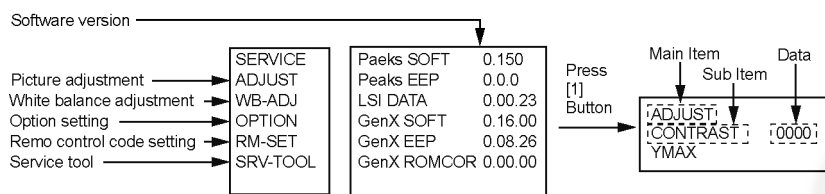
Note

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

5 Service Mode

5.1. How to enter into Service Mode

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



5.1.1. Contents of adjustment mode

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

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

5.1.2. How to exit

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

5.2. SRV-TOOL

5.2.1. How to access

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

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

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

5.2.2. Display of SOS History

SOS History (Number of LED blinking) indication.

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

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

5.2.3. POWER ON TIME/COUNT

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

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

Count : Number of ON times by decimal

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

5.2.4. Exit

1. Disconnect the AC cord from wall outlet.

5.3. Service Mode Adjustment

1. Press the 'RECALL' button on the remote control and press '↓' vol button on the LCD panel.
2. Press button number 1 on the remote control to select for Adjustment.
3. Self Check to Exit.

5.3.1. Self Check Mode

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

5.3.2. Hotel Mode Adjustment

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

5.3.3. Hotel Mode

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

Select


 EXIT
 Change
 RETURN

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

6 Troubleshooting Guide

Use the self-check function to test the unit.

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

6.1. Check of the IIC bus lines

6.1.1. How to access

Self-check indication only:

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

Self-check indication and forced to factory shipment setting:

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

6.1.2. Exit

Disconnect the AC cord from wall outlet.

6.1.3. Screen display

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

6.1.4. Check Point

Confirm the following parts if NG was displayed.

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

6.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

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

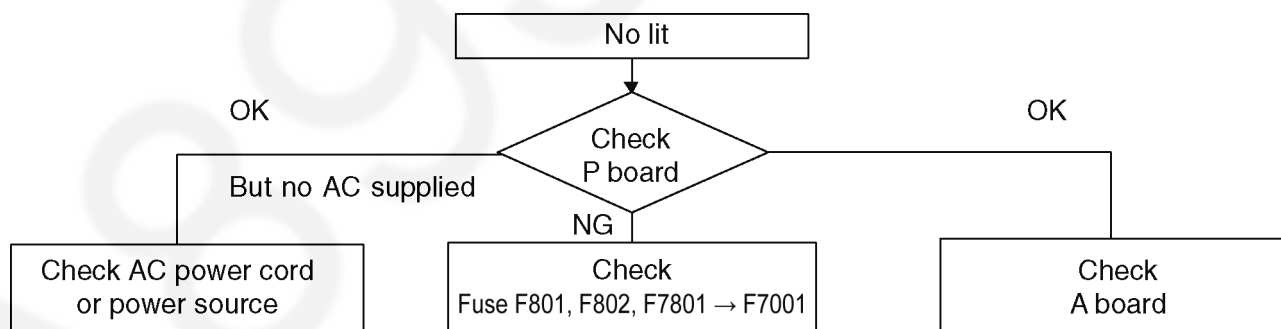
Blinking times	Contents
1	Inverter_SOS
2	FAN_SOS
3	SOS
4	SUB 12V_SENSE_SOS
7	Sub_ 3.3V_SENSE_SOS
9	SOUND_SOS
12	BE)SId)_SOS
13	Emergency SOS

6.3. No Power

First check point

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

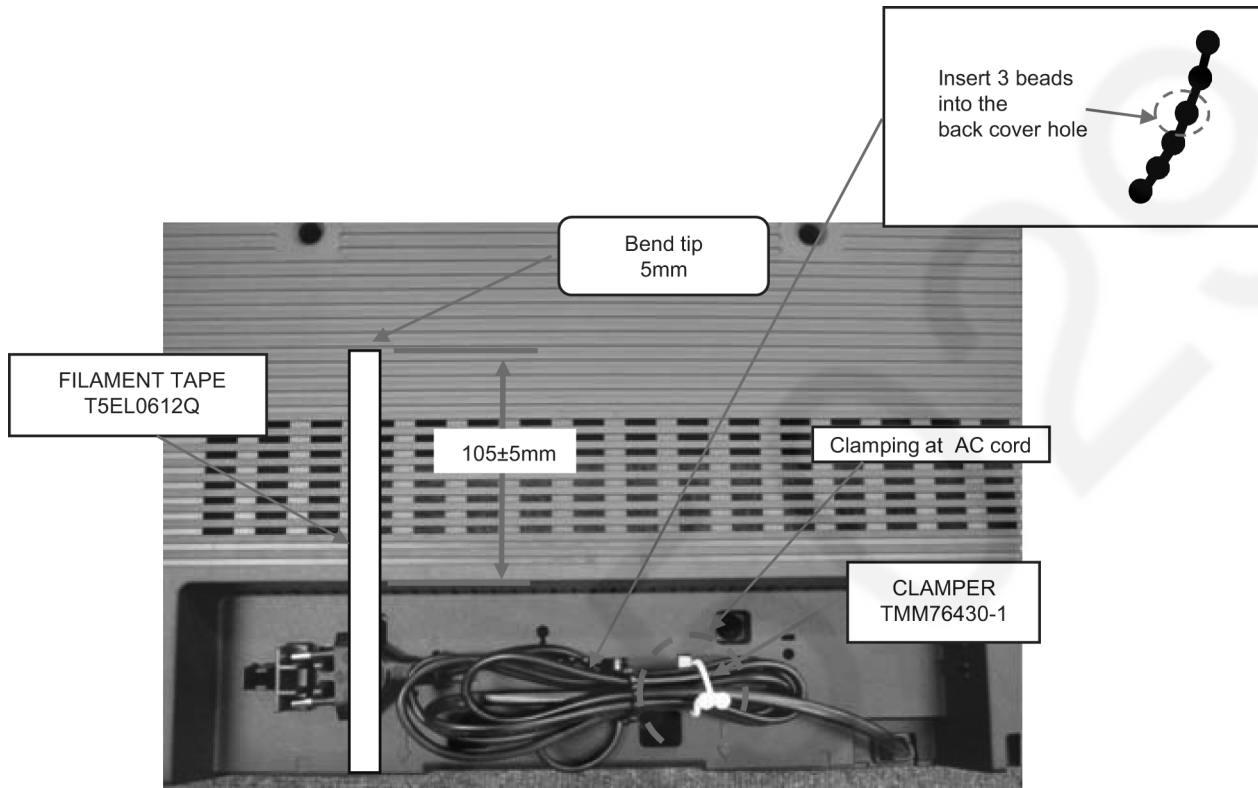
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 6.2.)



7 Disassembly and Assembly Instructions

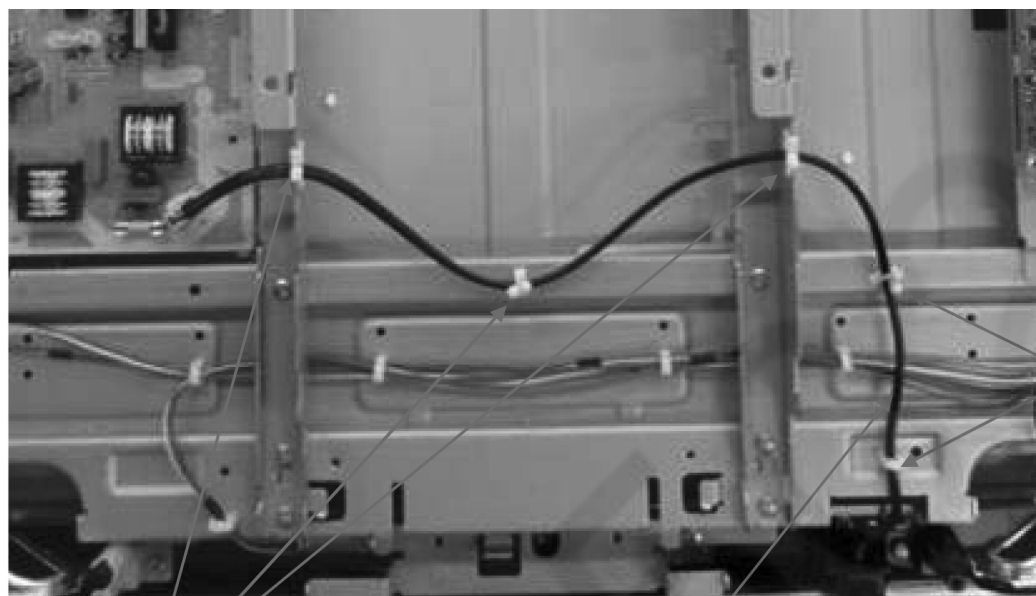
7.1. AC Cord Dressing

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



7.2. AC Cord Installation

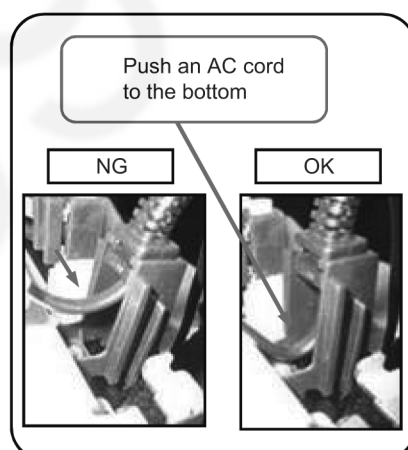
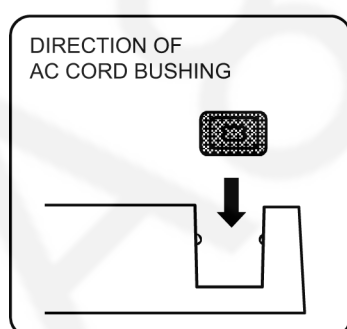
1. Put on the AC CORD BRACKET on the CABINET.
2. Fix the AC CORD BRACKET with SCREW.
3. Insert AC CORD connector into P-PCB connector.
4. Clamp the AC CORD.
5. Insert AC CORD bushing into the AC CORD BRACKET.
6. AC CORD is pushed into the bottom of the bracket.



CLAMPER

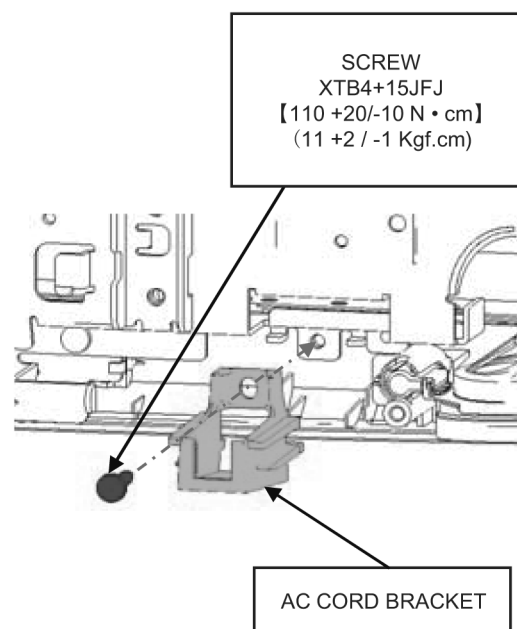
AC CORD

CLAMPER

Push an AC cord
to the bottom

NG

OK

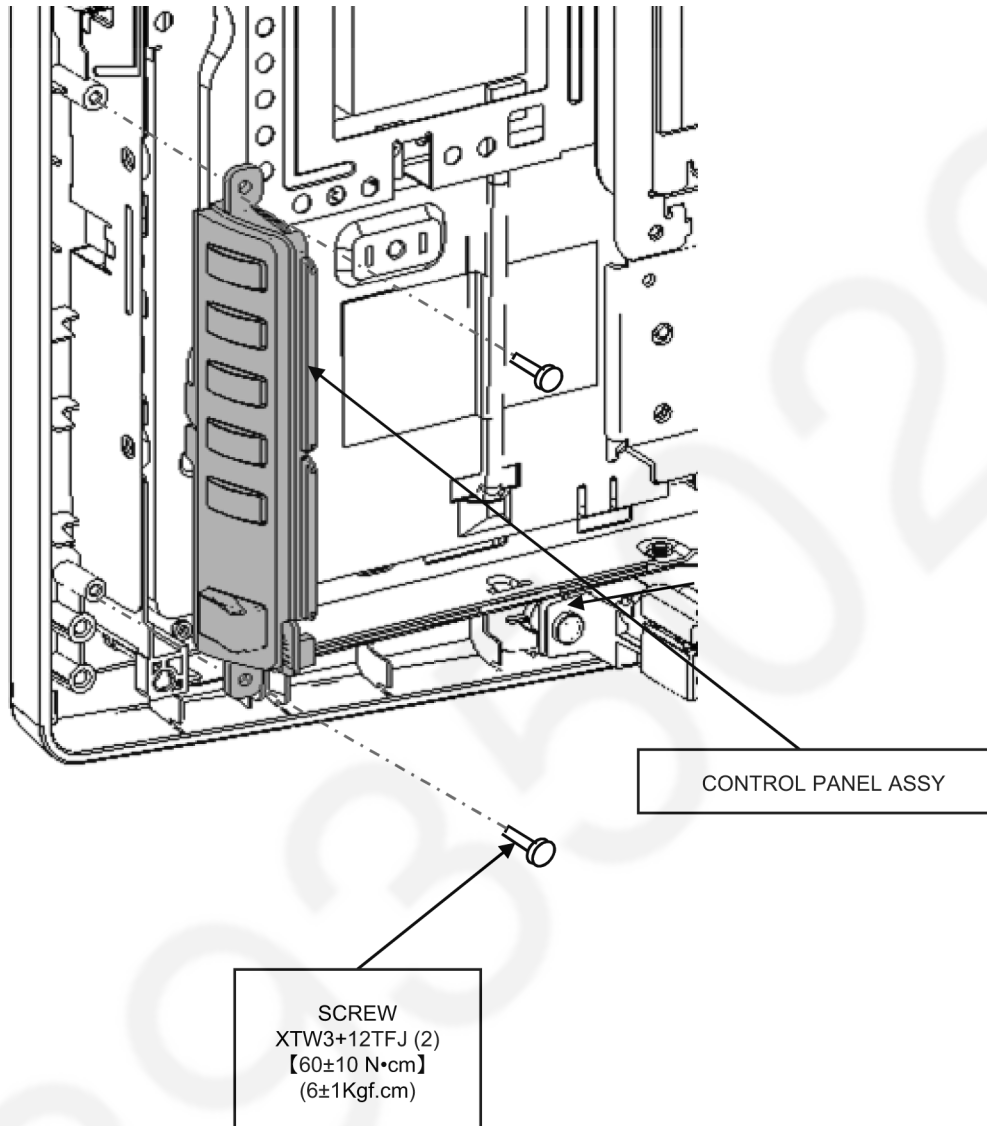


SCREW
XTB4+15JFJ
[110 +20/-10 N • cm]
(11 +2 / -1 Kgf.cm)

AC CORD BRACKET

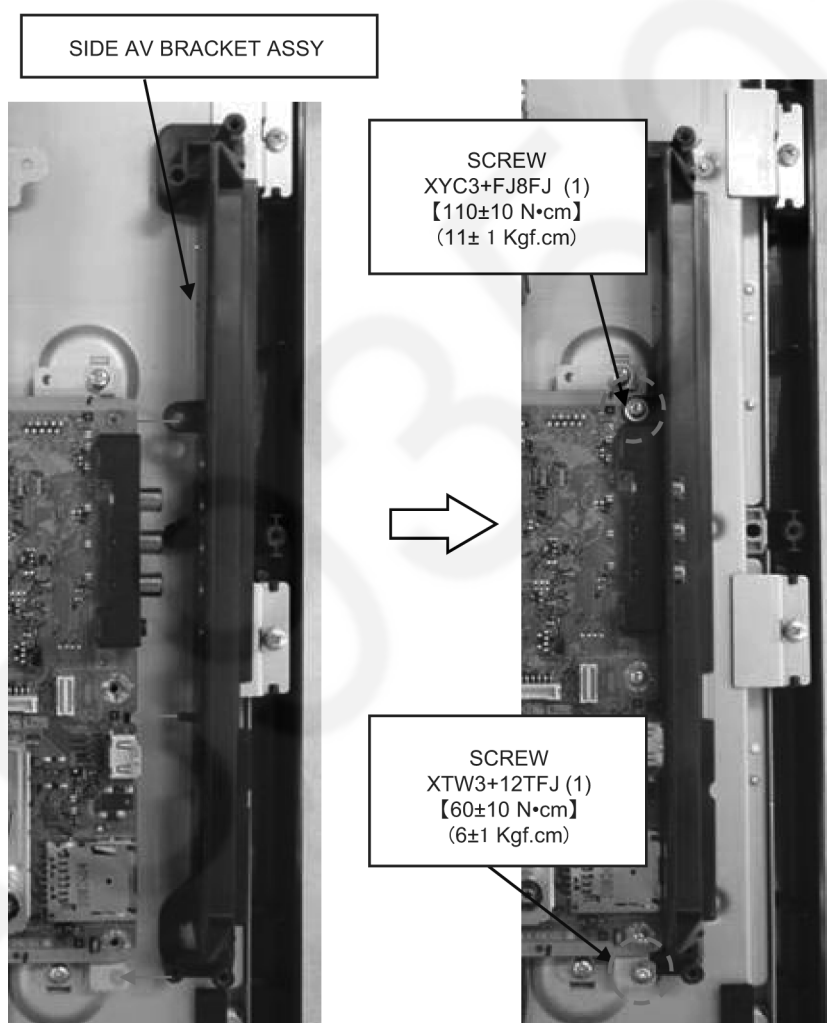
7.3. Control Panel Fitting

1. Put control panel Assy on the cabinet.
2. Fix the control panel with screws.



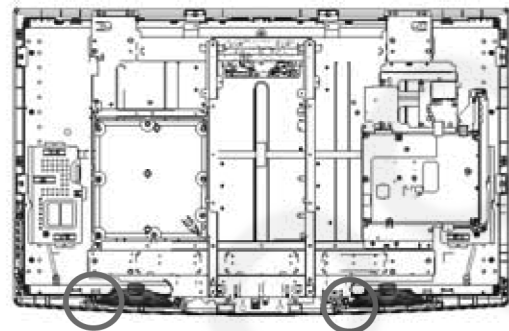
7.4. Side AV Bracket Preparation

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.

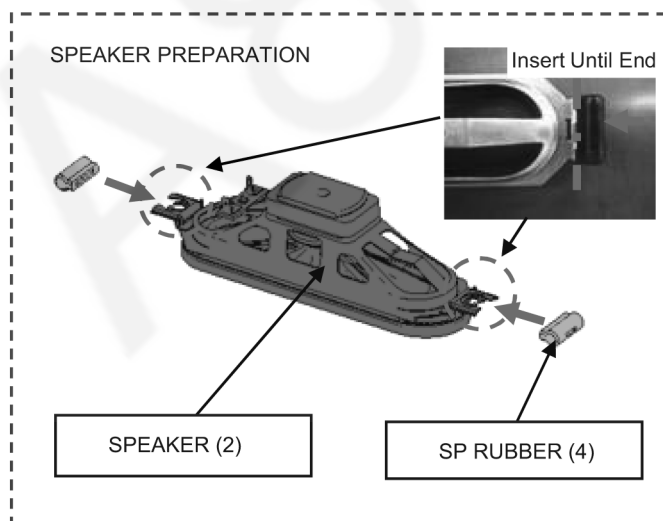
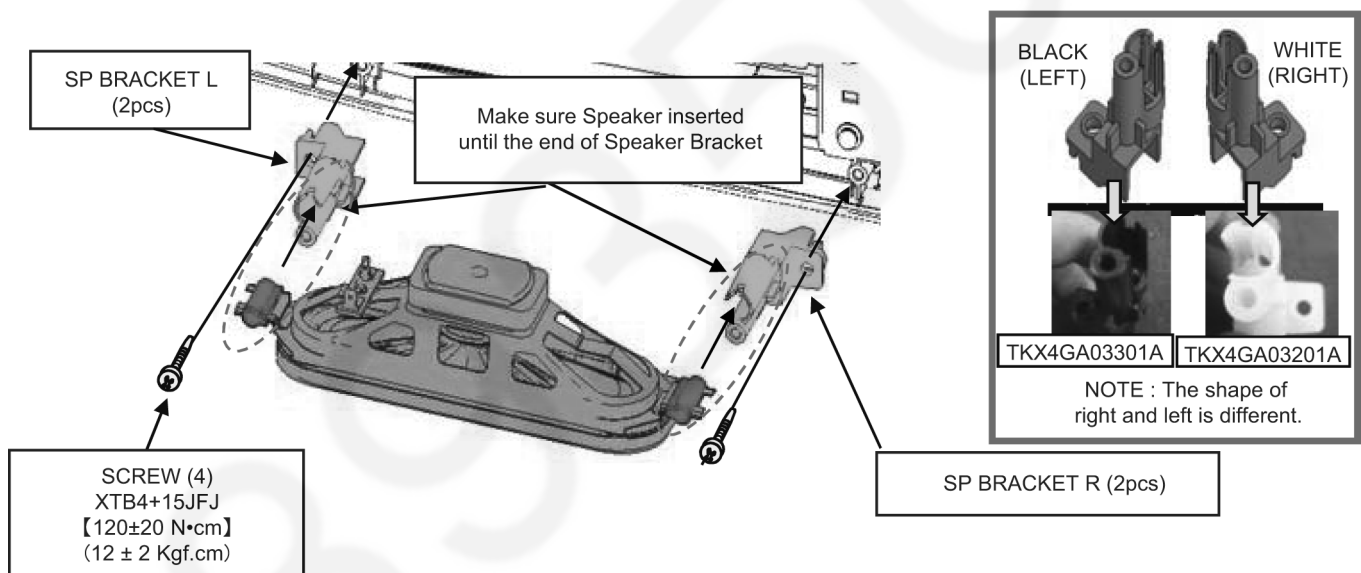


7.5. Speaker Preparation and Installation

1. SP bracket put on cabinet.
2. Fix them with screws.
3. Insert the SP rubber bush into the SP unit.
4. Insert the SP unit to SP bracket.

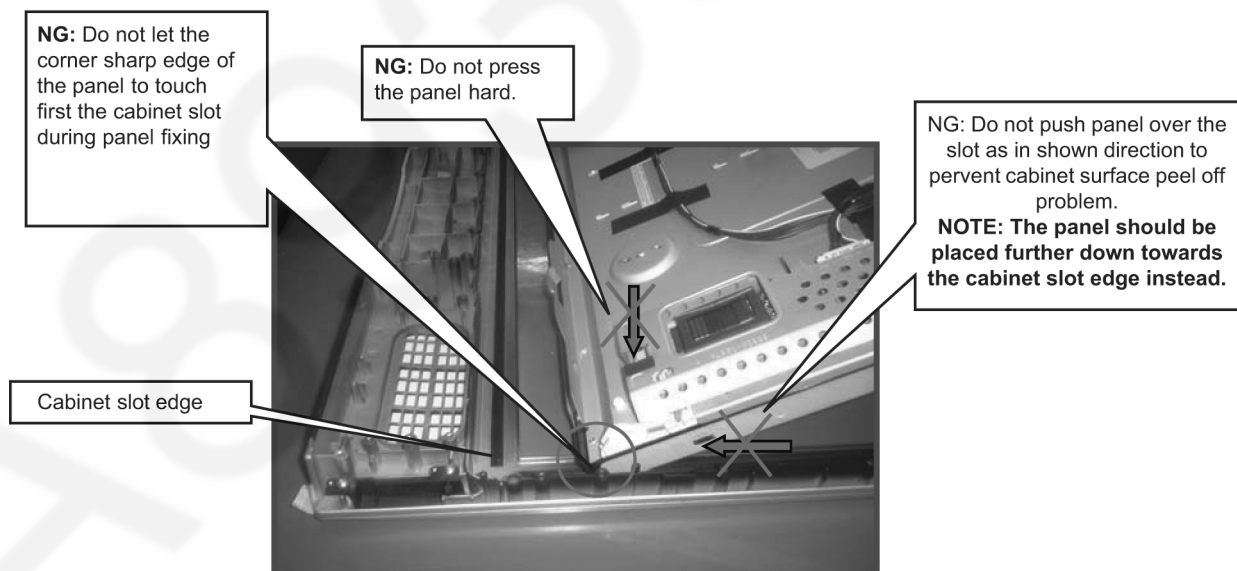
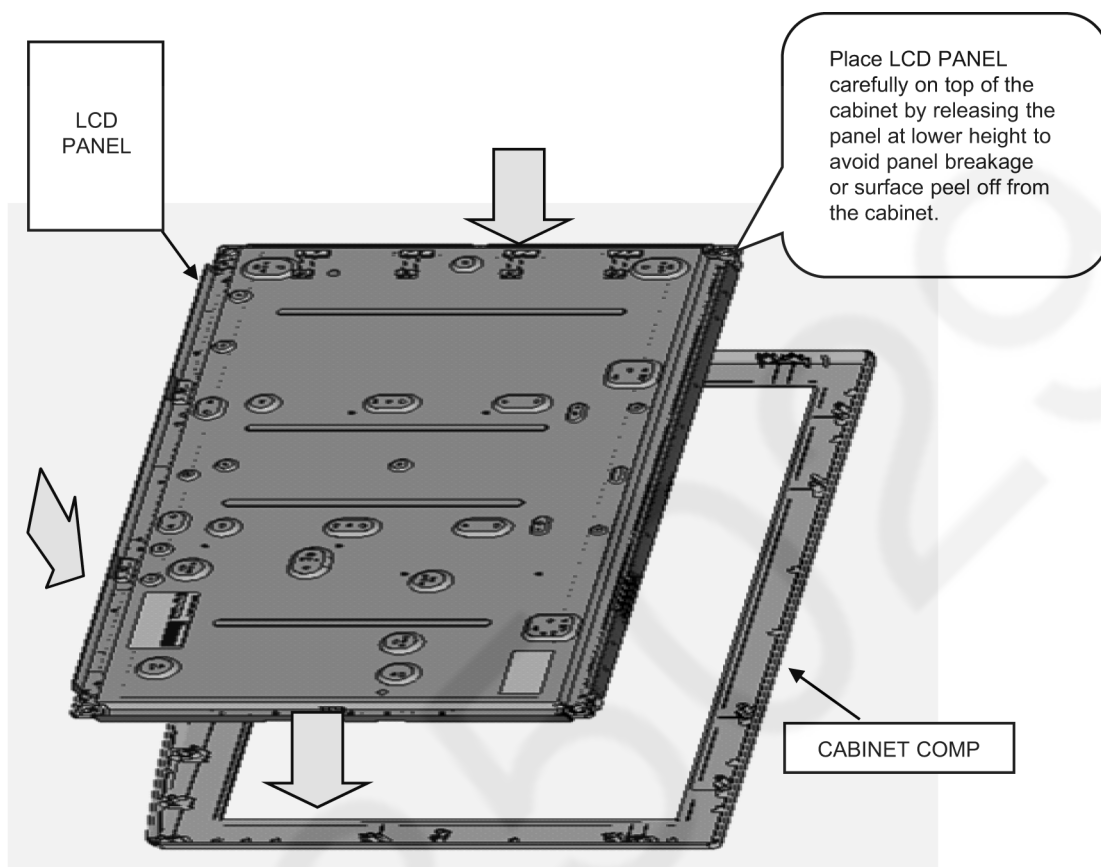


SpeakerTerminal
Direction



7.6. LCD Panel Fixing & Handling Method

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

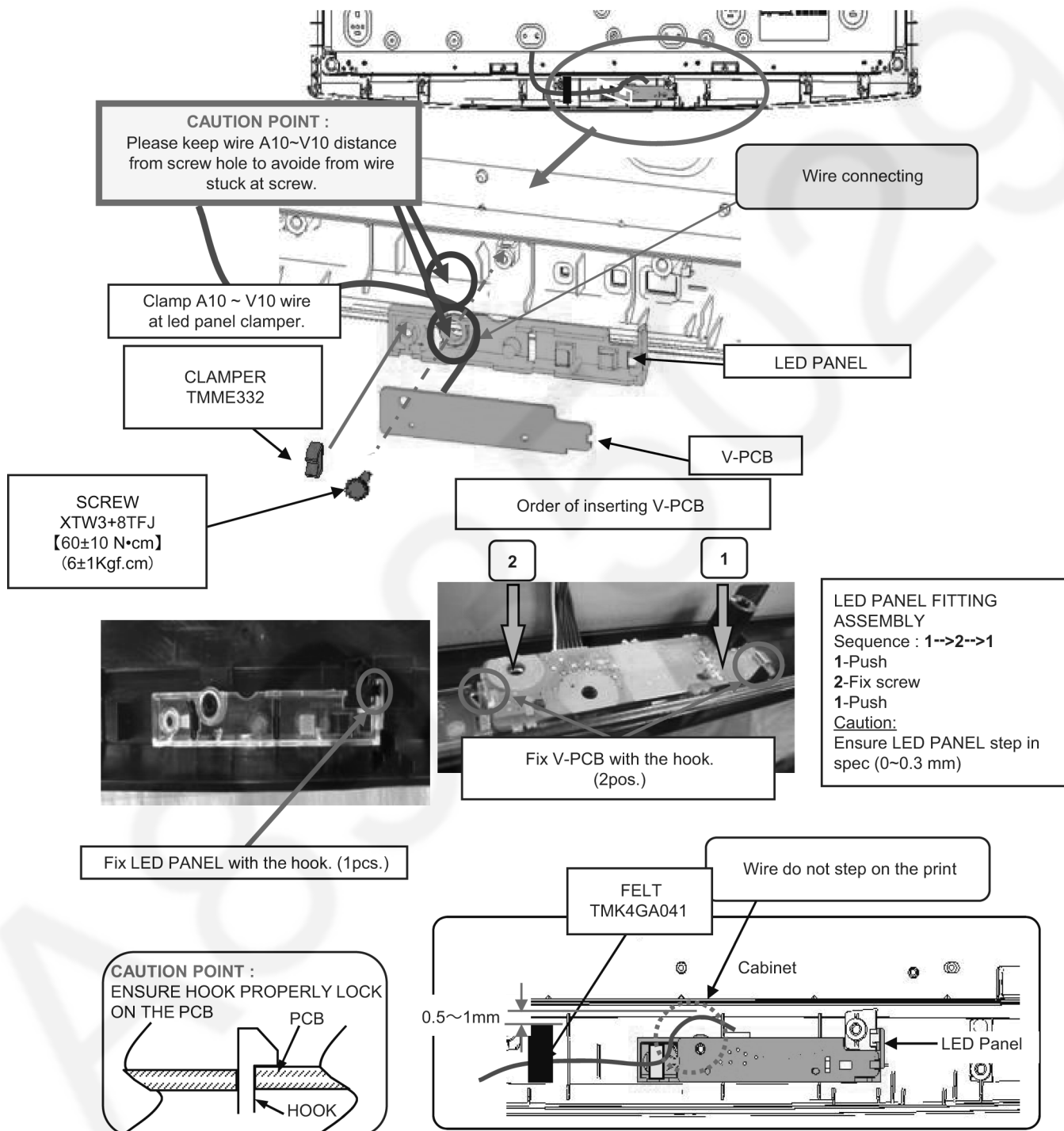


Other general precautions

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

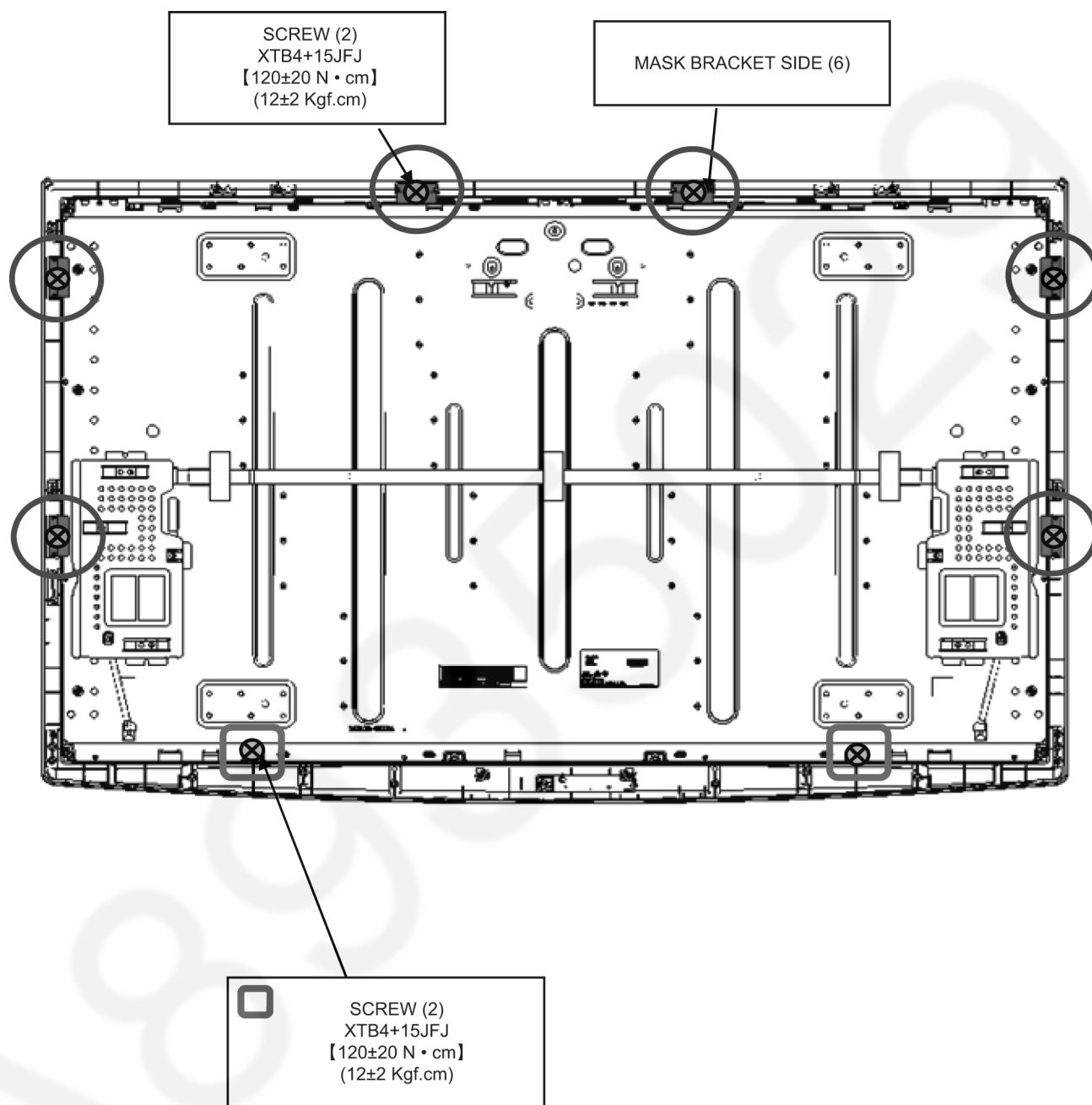
7.7. LED Panel Installation

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



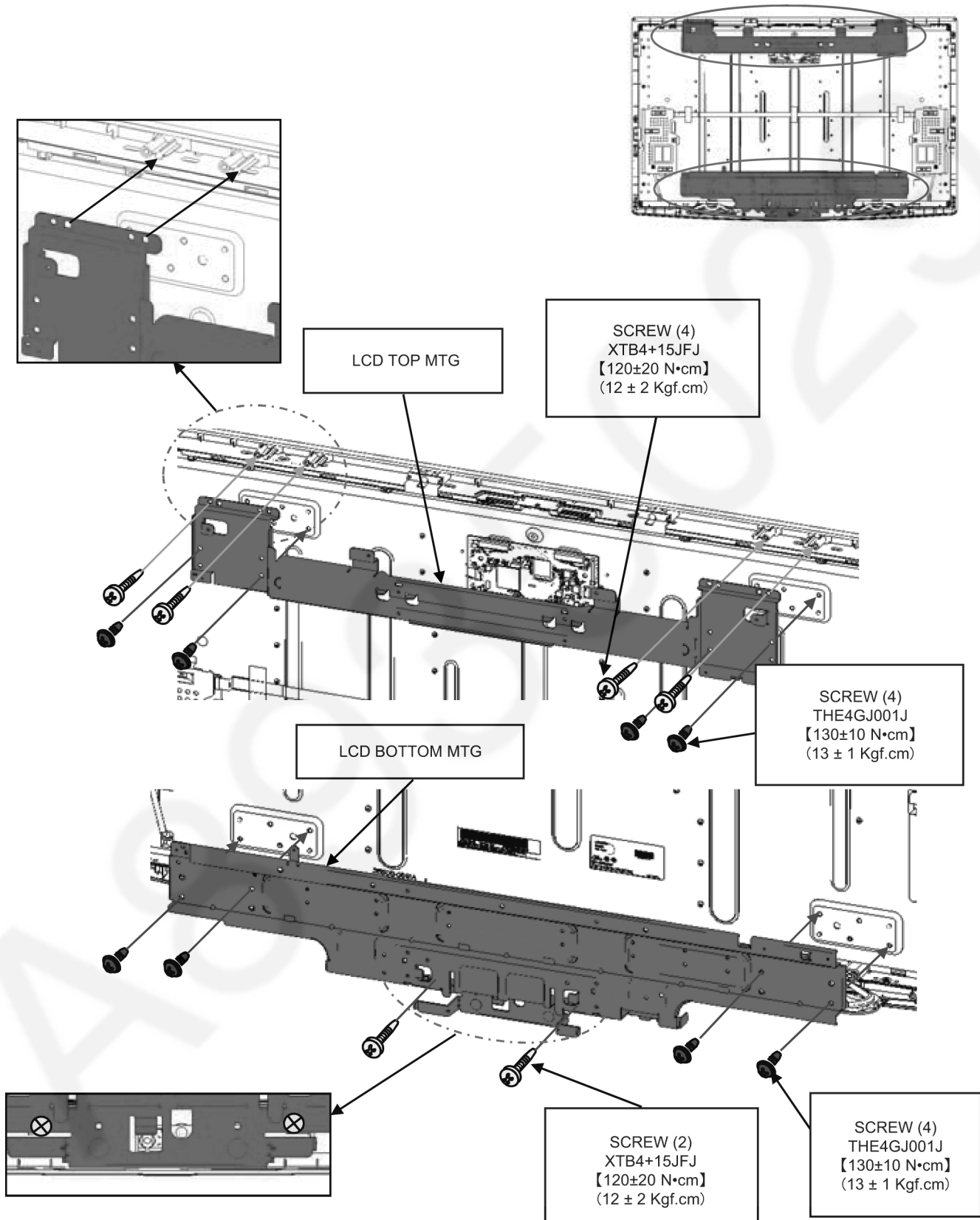
7.8. Mask Bracket Installation

1. Put the MASK BRACKET on CABINET.
2. Fix MASK BRACKET with SCREWS.
3. Fix LCD PANEL with SCREWS.



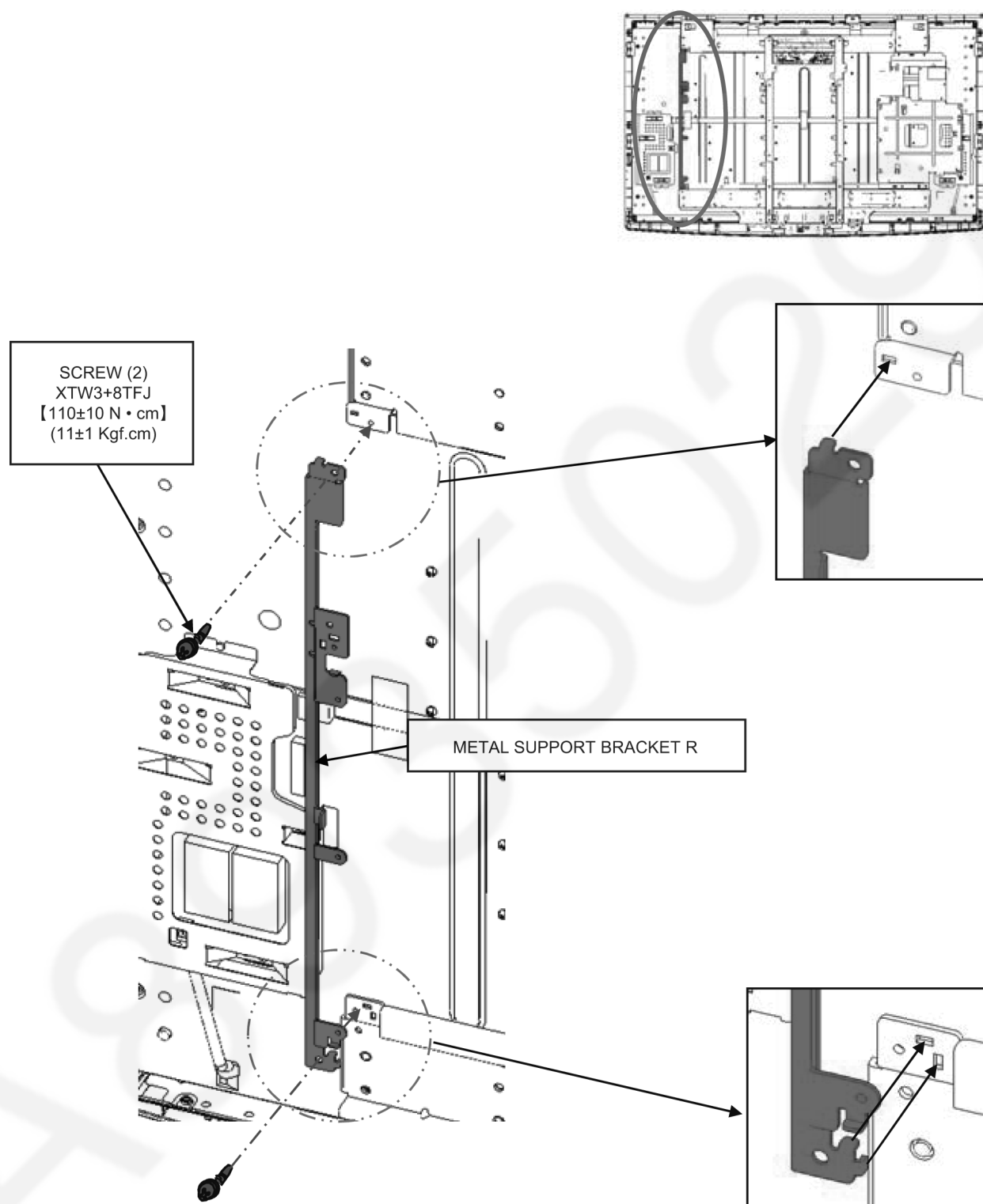
7.9. Top and Bottom MTG Installation

1. Put the TOP MTG and BOTTOM MTG on the LCD PANEL.
2. Fix TOP MTG and BOTTOM MTG with SCREW.



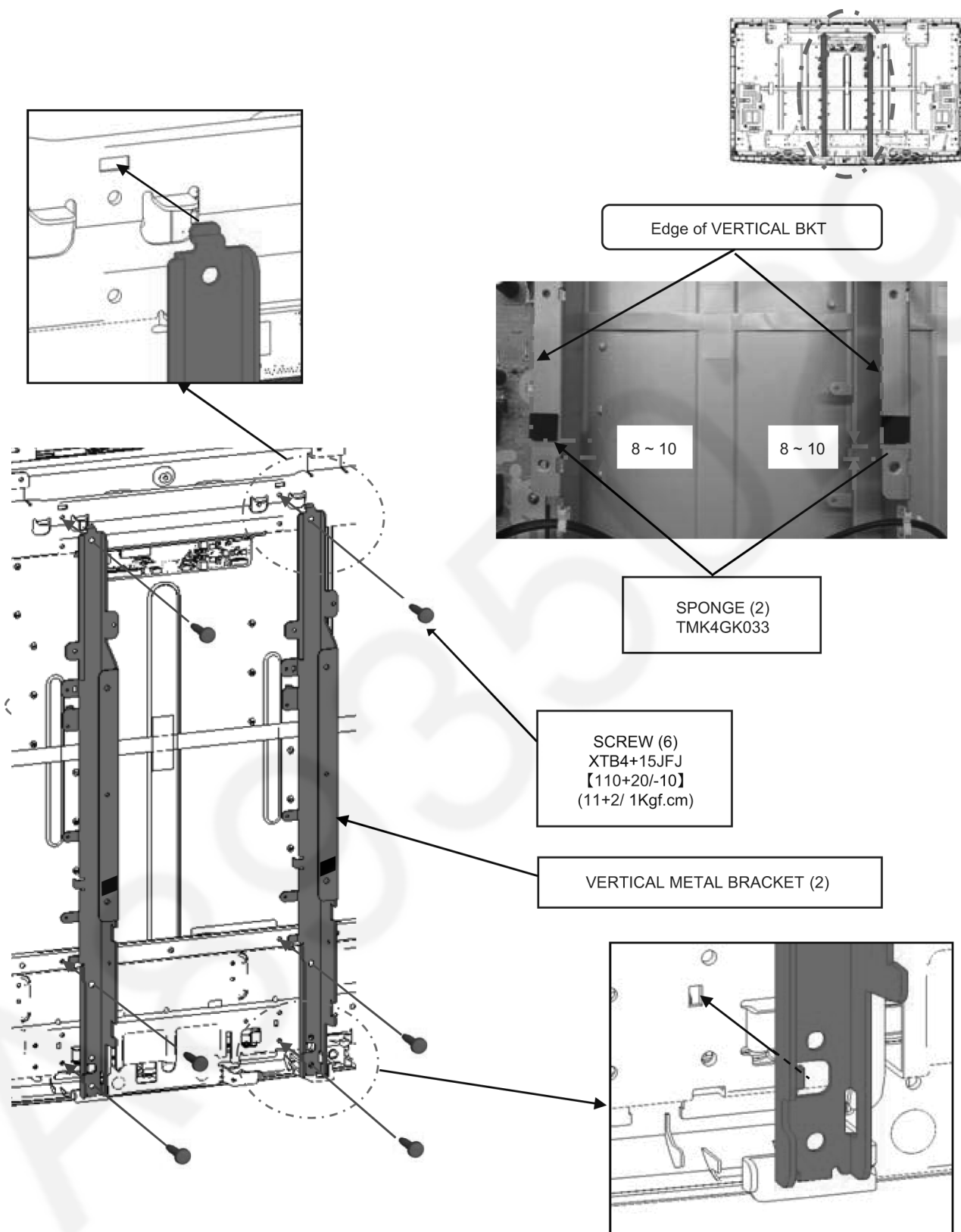
7.10. Metal Bracket Left Installation

Put METAL SUPPORT BRACKET R at MTG with SCREWS.



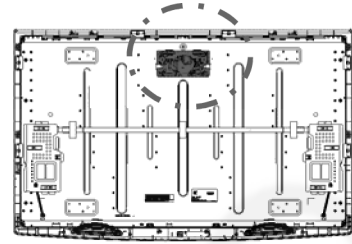
7.11. Vertical Metal Bracket Install

Put METAL BRACKET to CABINET ASSEMBLY with SCREWS.

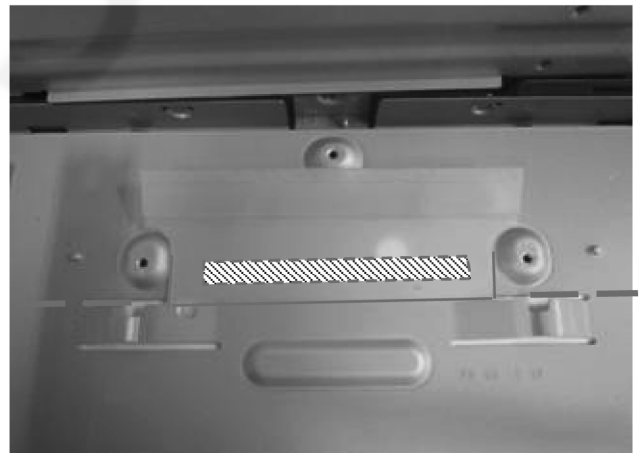
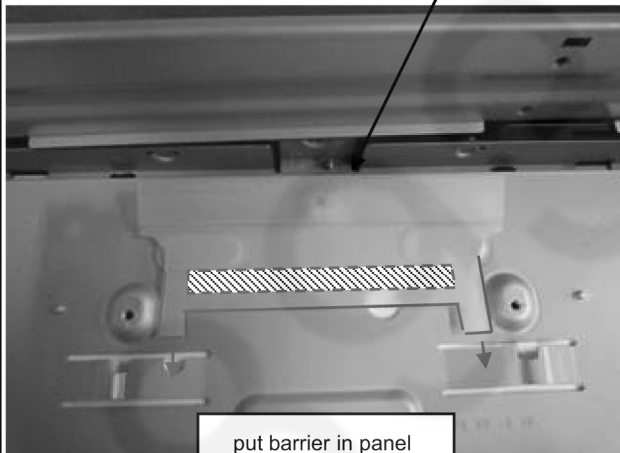


7.12. Barrier Fitting

Stick the BARRIER on the LCD PANEL.

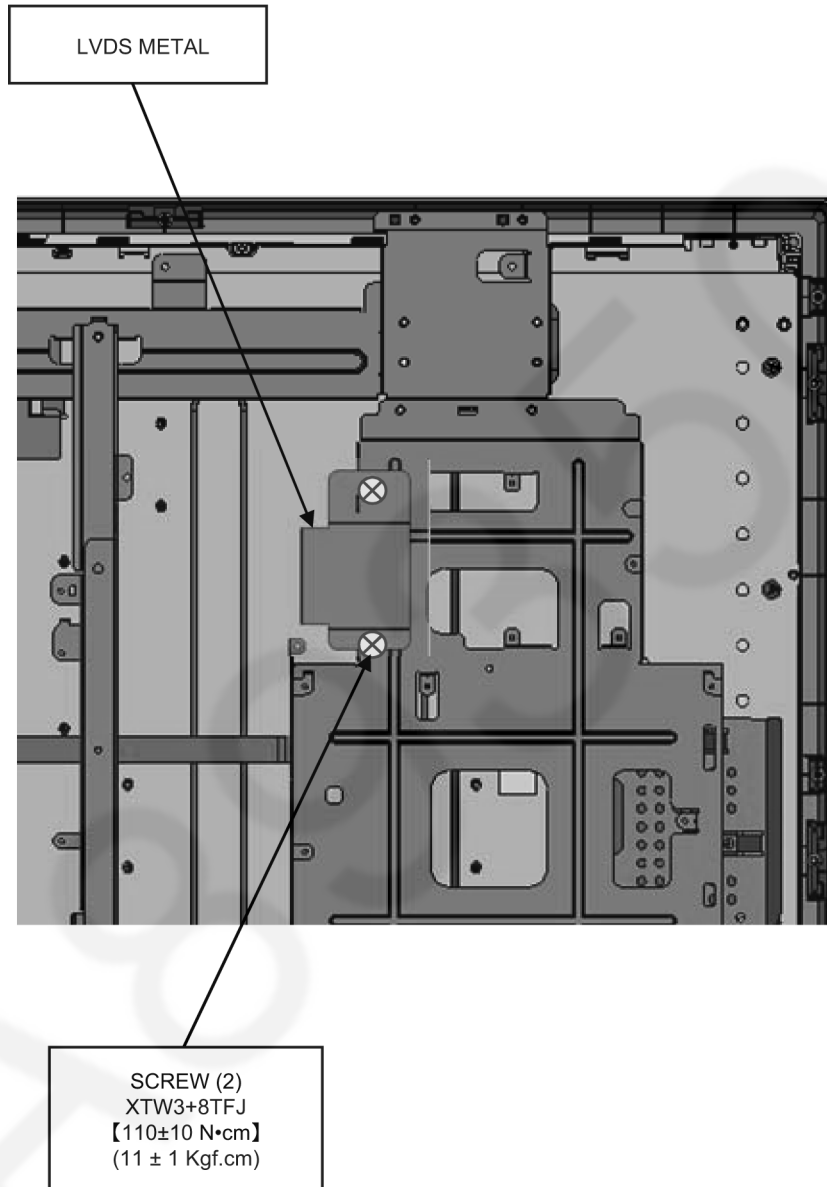
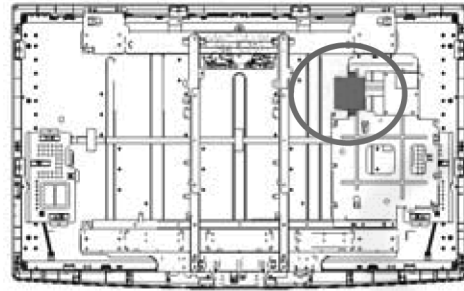


T-CON BARRIER



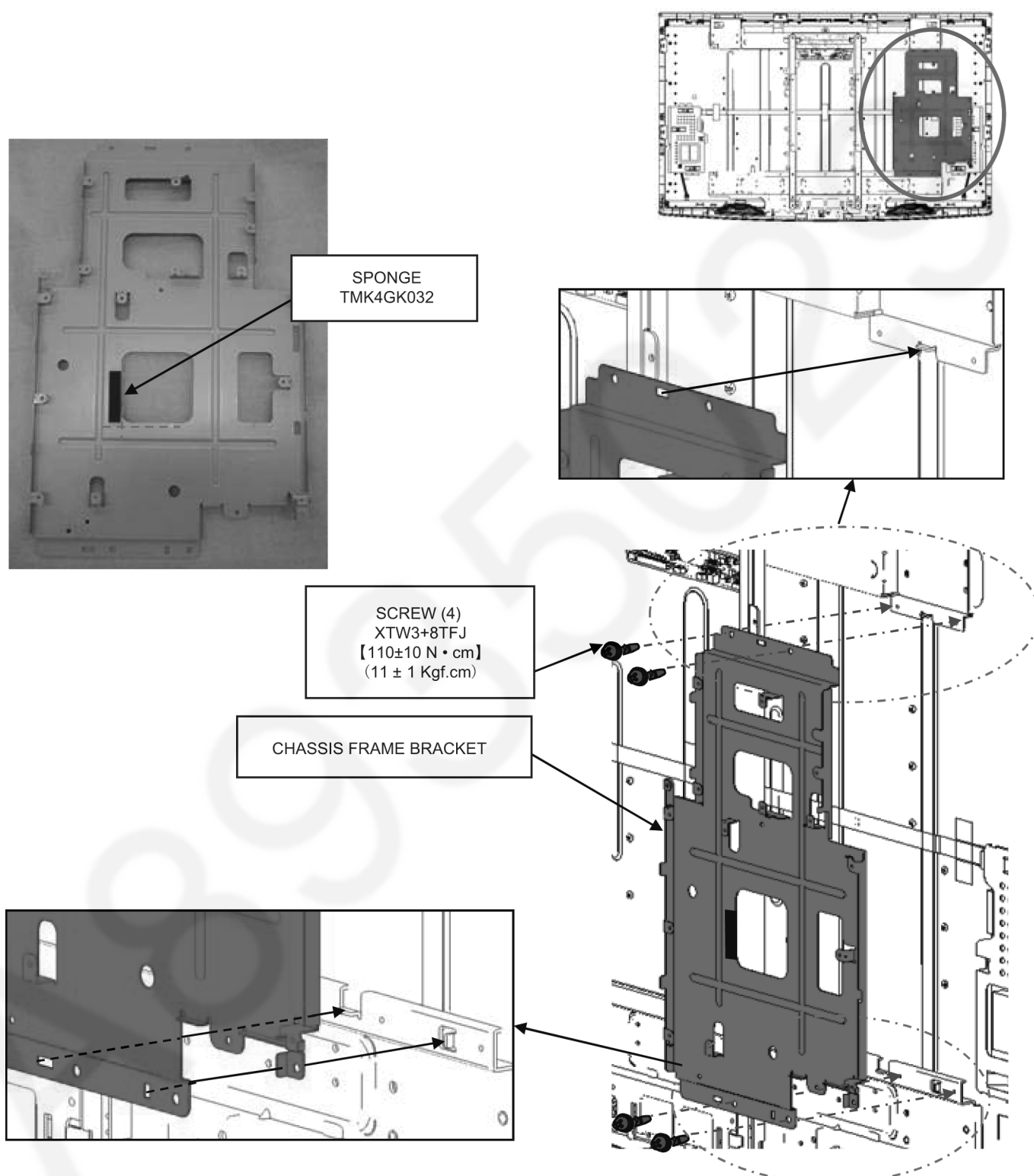
7.13. LVDS Metal Installation

Put LVDS METAL to MTG with SCREWS.



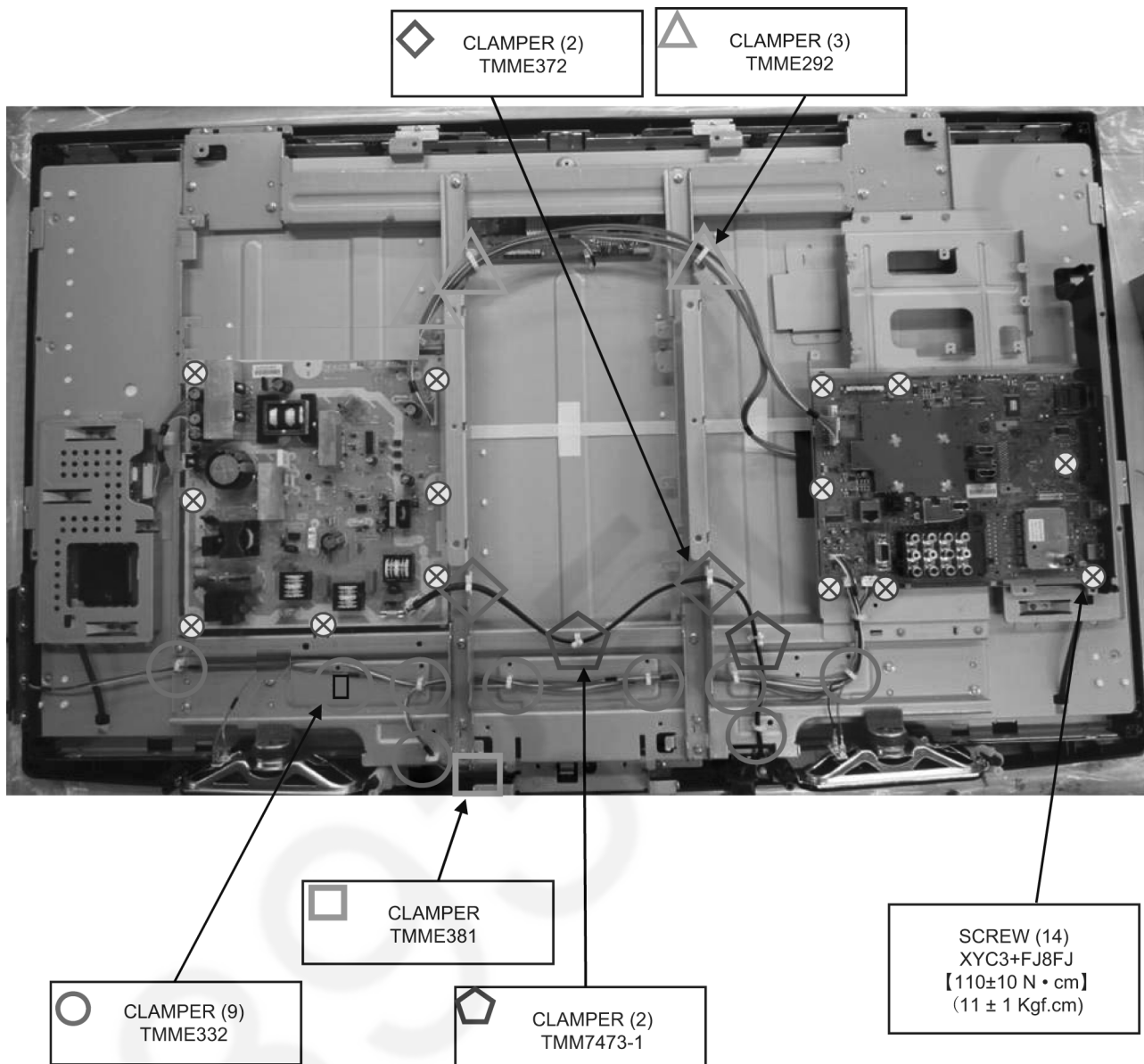
7.14. Chassis Frame Installation

1. Stick SPONGE at CHASSIS FRAME BRACKET.
2. Put CHASSIS FRAME BRACKET to MTG with SCREWS.



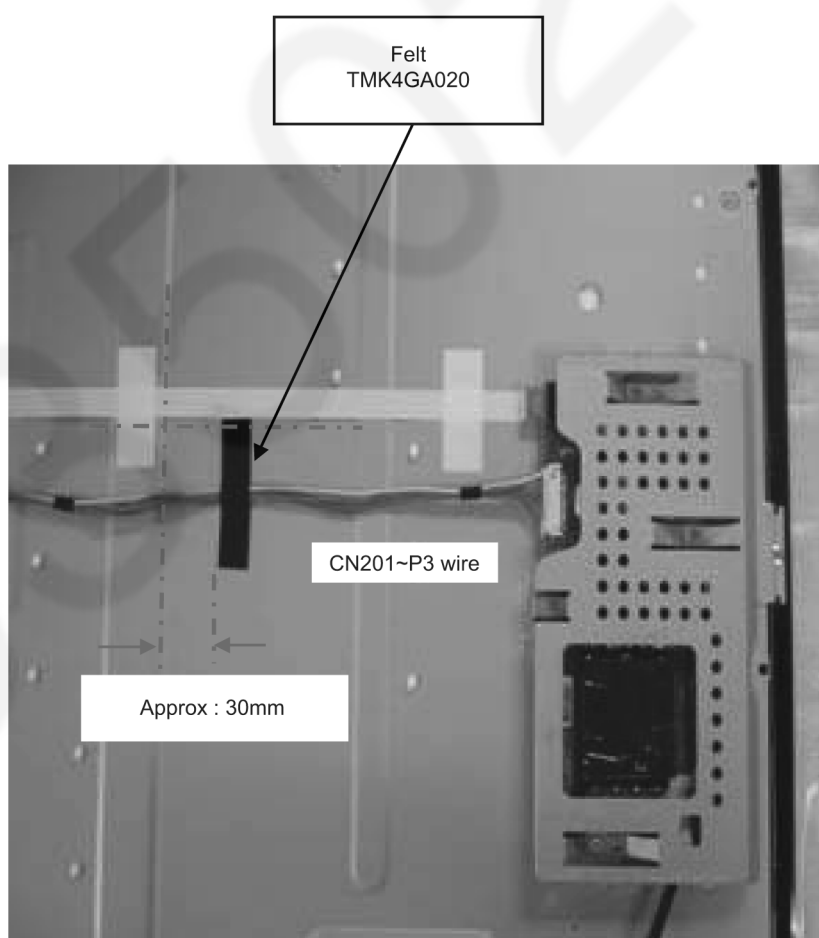
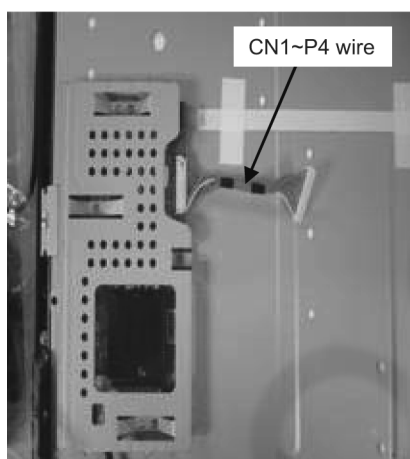
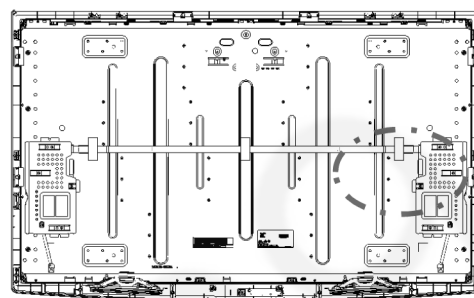
7.15. Screw PCB and Clamper Fitting

1. Fix clamper at MTG.
2. Fix PCB with SCREW.



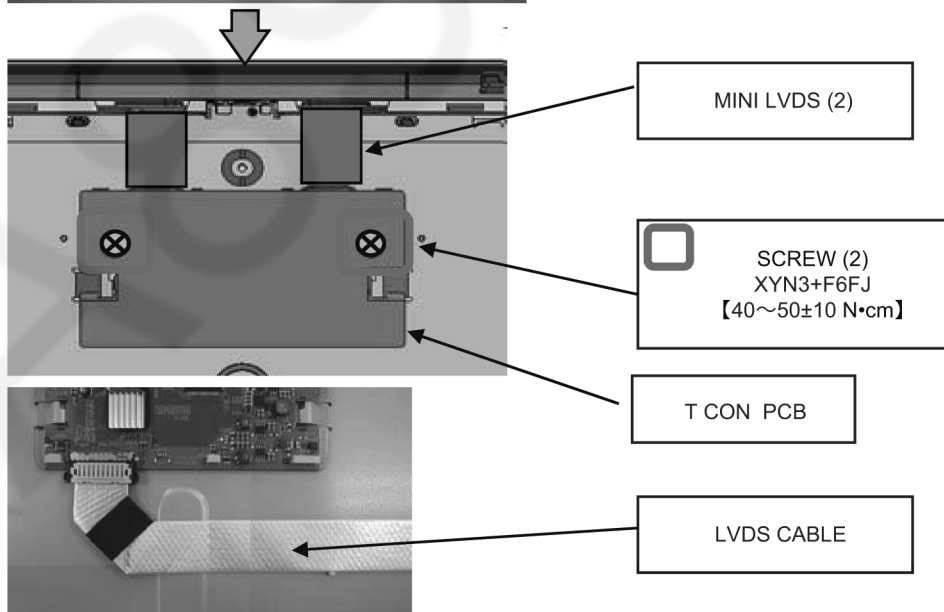
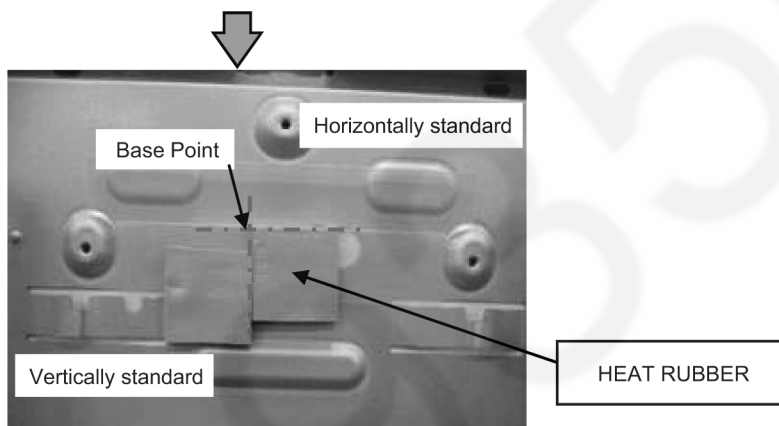
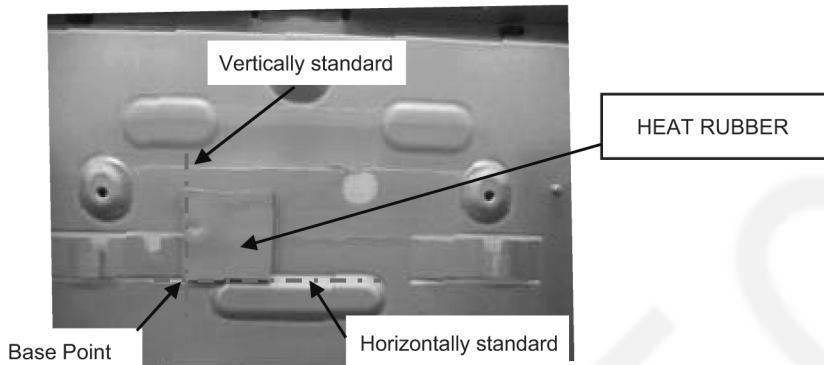
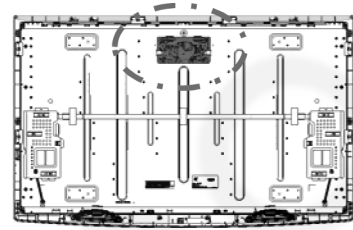
7.16. Wire Install

1. Insert CN1 ~ P4 wire to inveter.
2. Insert CN201~P3 wire to inverter and stick felt.



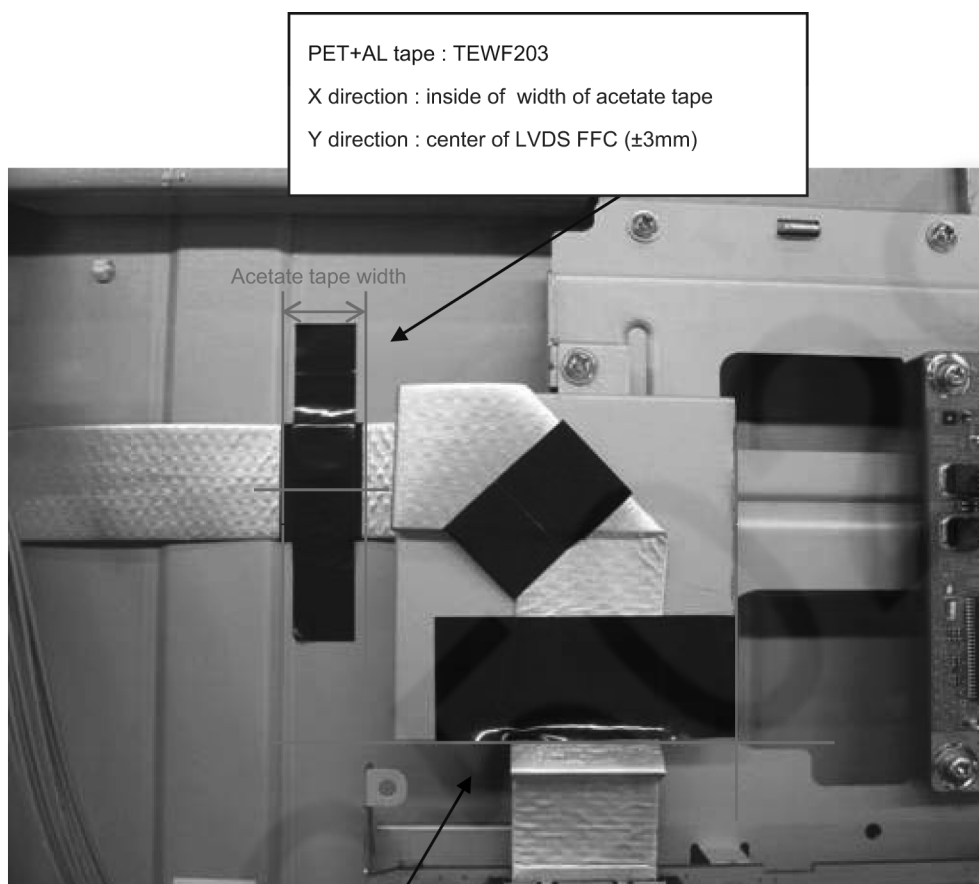
7.17. Rubber Heat Sticking

1. Stick the HEAT RUBBER on the T-con BARRIER.
2. TC-PCB on the LCD PANEL.
3. Fix the TC-PCB with SCREW.
4. Assembly LVDS. (connector cleaning by Ion blow).



7.18. Pet AL+Tape Install

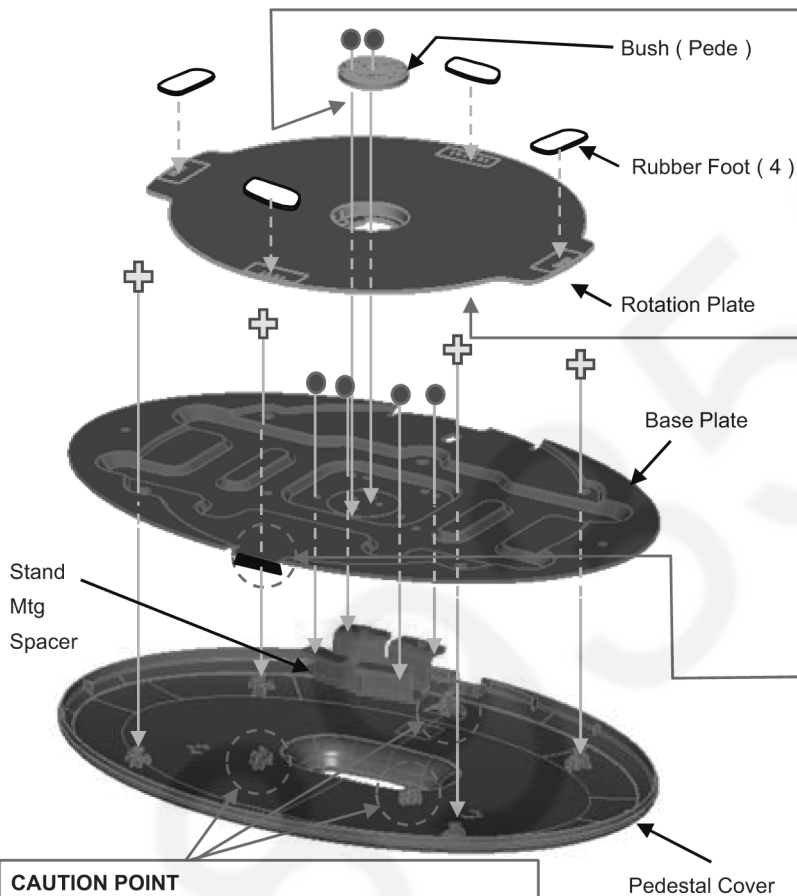
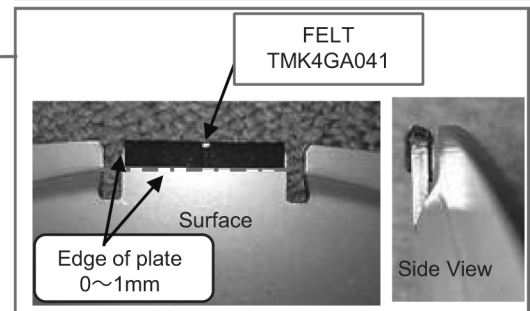
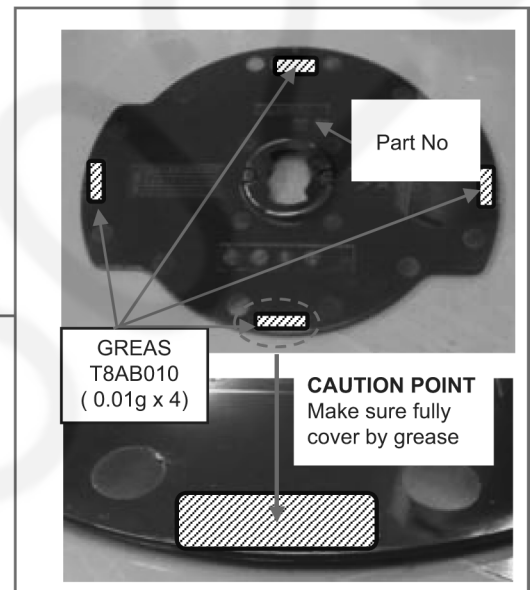
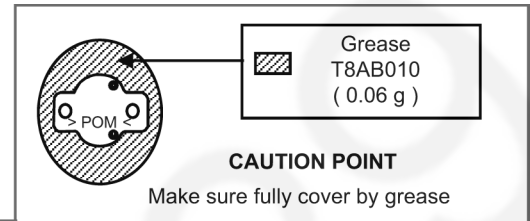
Stick the LVDS with AL+PET TAPE.



PET+AL tape : TEWF206
X direction : right edge of metal support ($-3\text{mm}/+0\text{mm}$)
Y direction : bottom edge of metal support ($-0\text{mm}/+3\text{mm}$)
LVDS FFC bend ($-0\text{mm}/+3\text{mm}$)

7.19. Pedestal Assembly

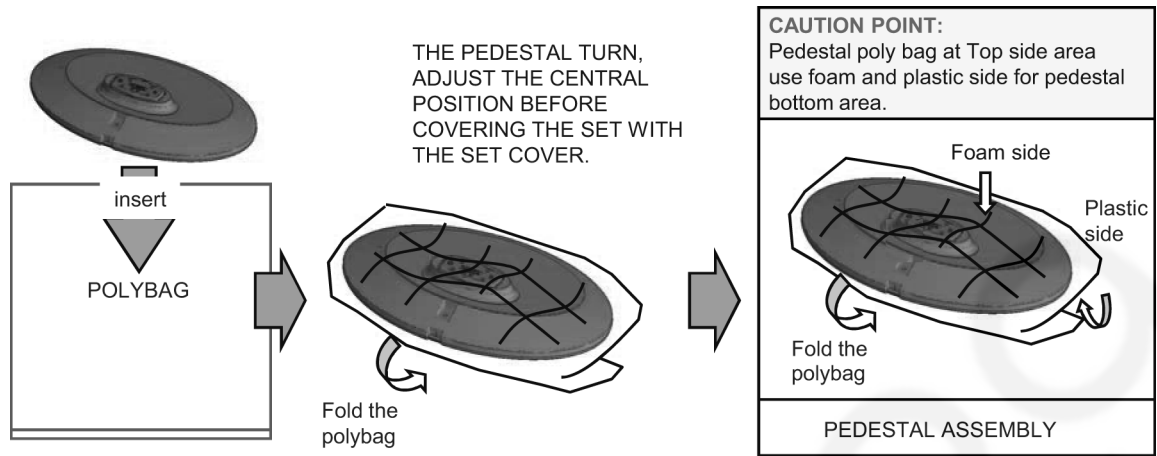
1. Fix stand mtg spacer at pedestal cover.
2. Stick felt at front base plate.
3. Fix base plate at stand mtg and pedestal cover and screw.
4. Stick rubber foot at rotation plate.
5. Apply grease at rotation plate and bush (pede).
6. Fix rotation plate and bush (pede) at base plate and screw.



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

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

Put Pedestal Assembly into polybag and fold properly



8 Measurements and Adjustments

8.1. Power Supply to Check A-Board

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

Power Supply Name	Measurement Point	Specification (V)
SUB3.3V	TP5503	3.21 - 3.45
SUB1.5V	TP5502	1.47 - 1.56
SUB1.2V_A	TP5500	1.26 - 1.33
SUB1.2V_D	TP5501	1.26 - 1.33
SUB5V	TP5200	4.86 - 5.14
SUB_OP_5V	TP5300	4.92 - 5.31

8.2. Target of WB adjustment value

Ambient Temp.	Colour Balance	White			Gray		
		x	y	Y (cd/m ²)	x	y	Y (cd/m ²)
10.0 - 12.5 deg.	Cool	0.279	0.286	> 300	0.279	0.286	don't care
	Normal	0.293	0.308		0.293	0.308	
	Warm	0.323	0.334		0.323	0.334	
12.5 - 17.5 deg.	Cool	0.276	0.282		0.276	0.282	
	Normal	0.291	0.304		0.291	0.304	
	Warm	0.320	0.330		0.320	0.330	
17.5 - 22.5 deg.	Cool	0.273	0.277		0.273	0.277	
	Normal	0.287	0.298		0.287	0.298	
	Warm	0.317	0.325		0.317	0.325	
22.5 - 27.5 deg.	Cool	0.271	0.273		0.271	0.273	
	Normal	0.285	0.295		0.285	0.295	
	Warm	0.314	0.322		0.314	0.322	
27.5 - 32.5 deg.	Cool	0.268	0.268		0.268	0.268	
	Normal	0.281	0.289		0.281	0.289	
	Warm	0.310	0.316		0.310	0.316	
32.5 - 35.0 deg.	Cool	0.265	0.263		0.265	0.263	
	Normal	0.278	0.284		0.278	0.284	
	Warm	0.306	0.311		0.306	0.311	

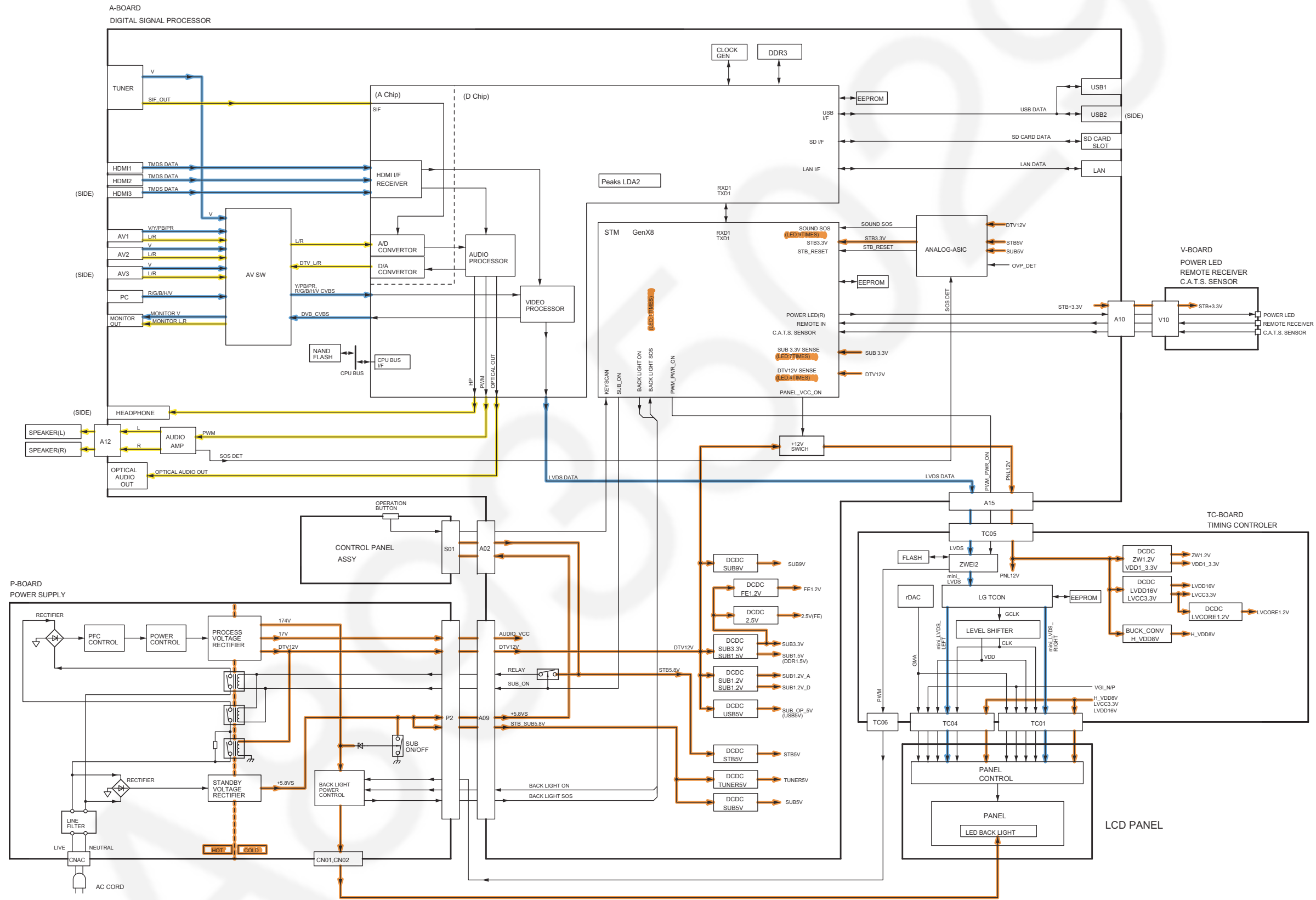
* Clearance use WB 3 mode

x, y : +/-0.003 in Cool Colour Balance, +/-0.010 in Warm/Normal Colour Balance use WB difference mode

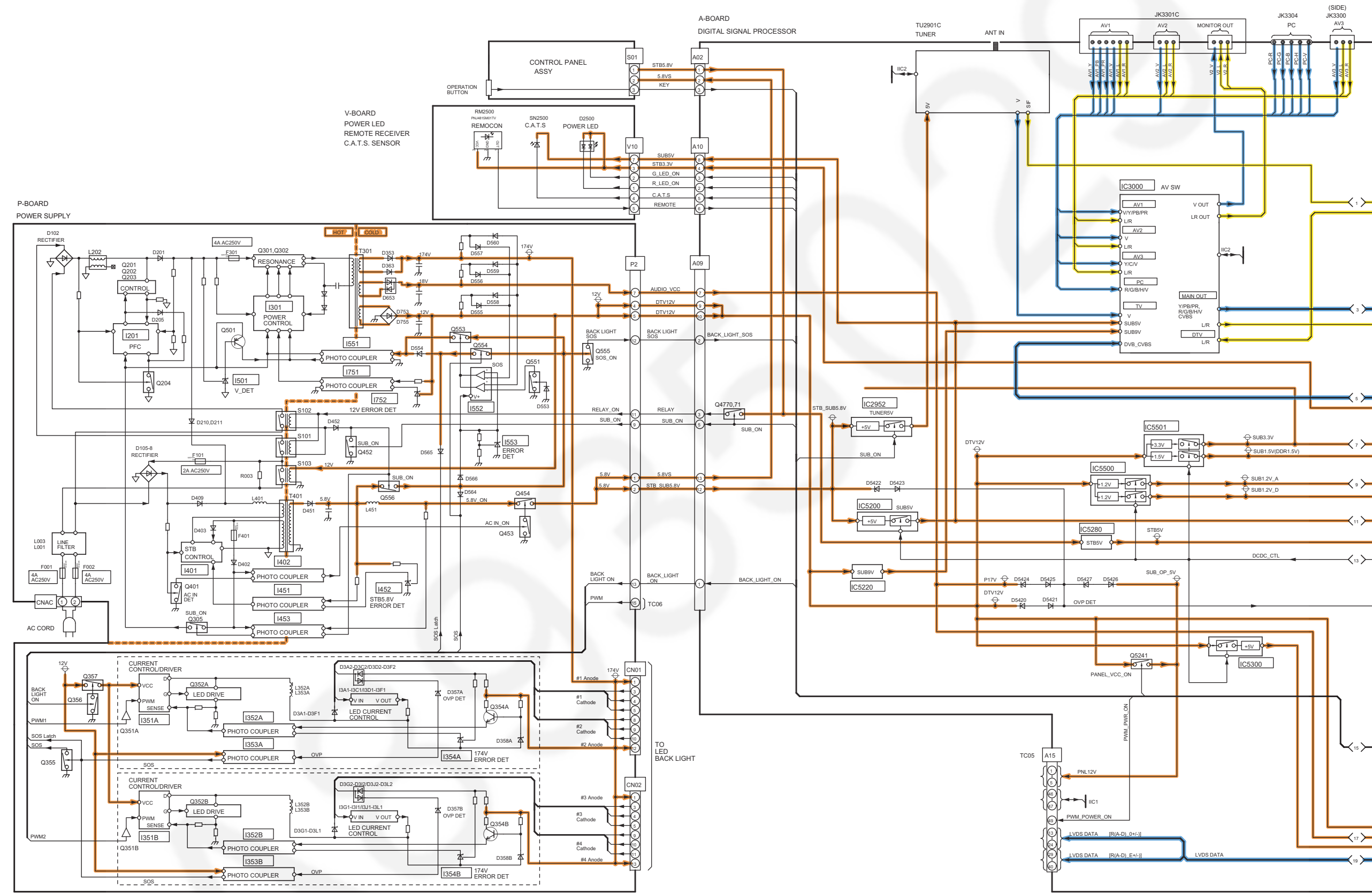
x, y : +/-0.003 in Cool Colour Balance, +/-0.010 in Normal Colour Balance, +/-0.015 in Warm Colour Balance

9 Block Diagram

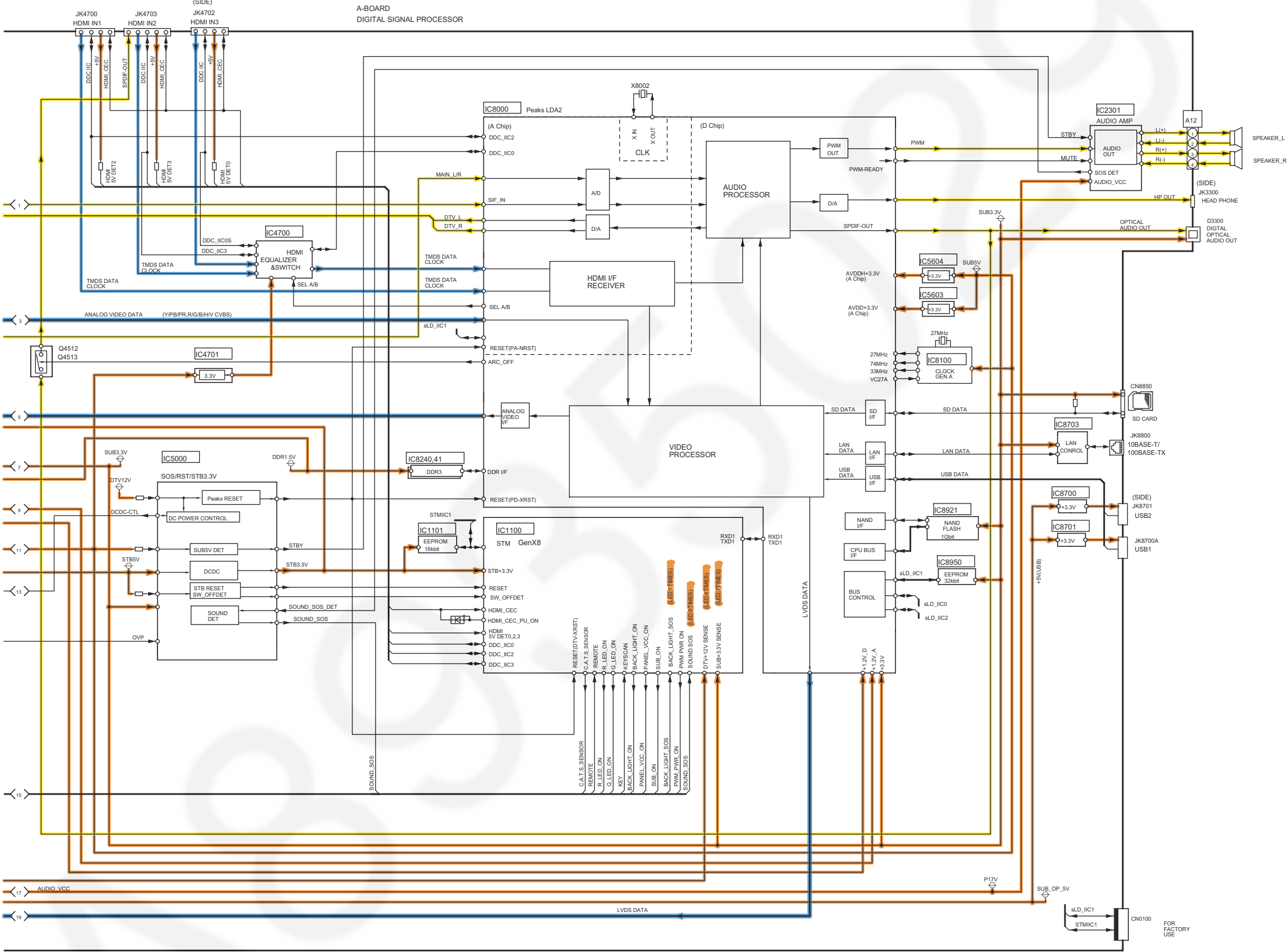
9.1. Main Block Diagram



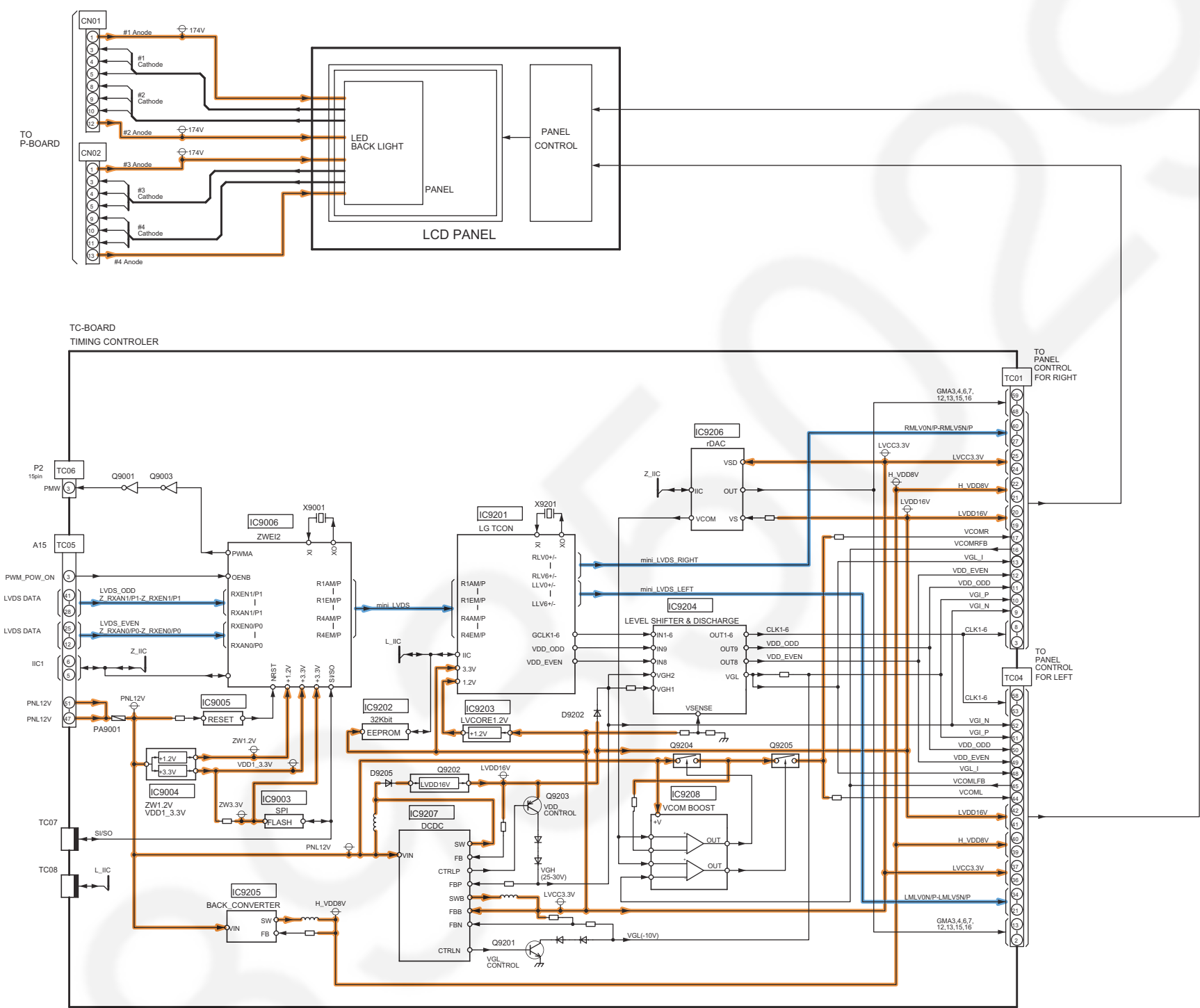
9.2. Detailed Block Diagram (1/3)



9.3. Detailed Block Diagram (2/3)



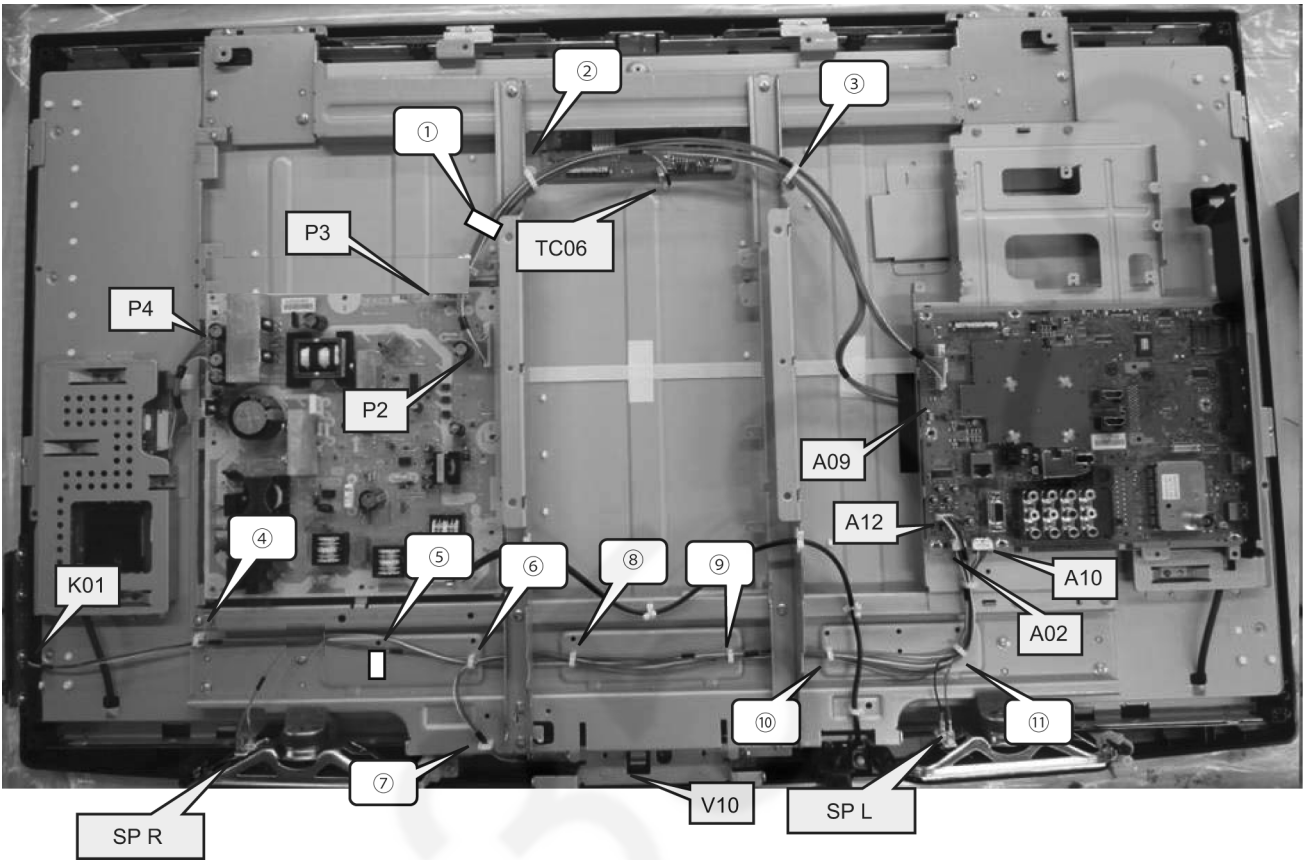
9.4. Detailed Block Diagram (3/3)



10 Wiring Connection Diagram

10.1. Wire Dressing

Wiring No.1~No.6.



Wire		Clamper										
		1	2	3	4	5	6	7	8	9	10	11
No.1	P2 - A09	●	●	●								
No.2	K01-				●	●	●		●	●	●	●
No.3	V10-						●	●	●	●	●	●
No.4	SP R					●	●		●	●	●	●
No.5	SP L											●
No.6	P3-CN201	●	●	●								

11 Schematic Diagram

11.1. Schematic Diagram Notes

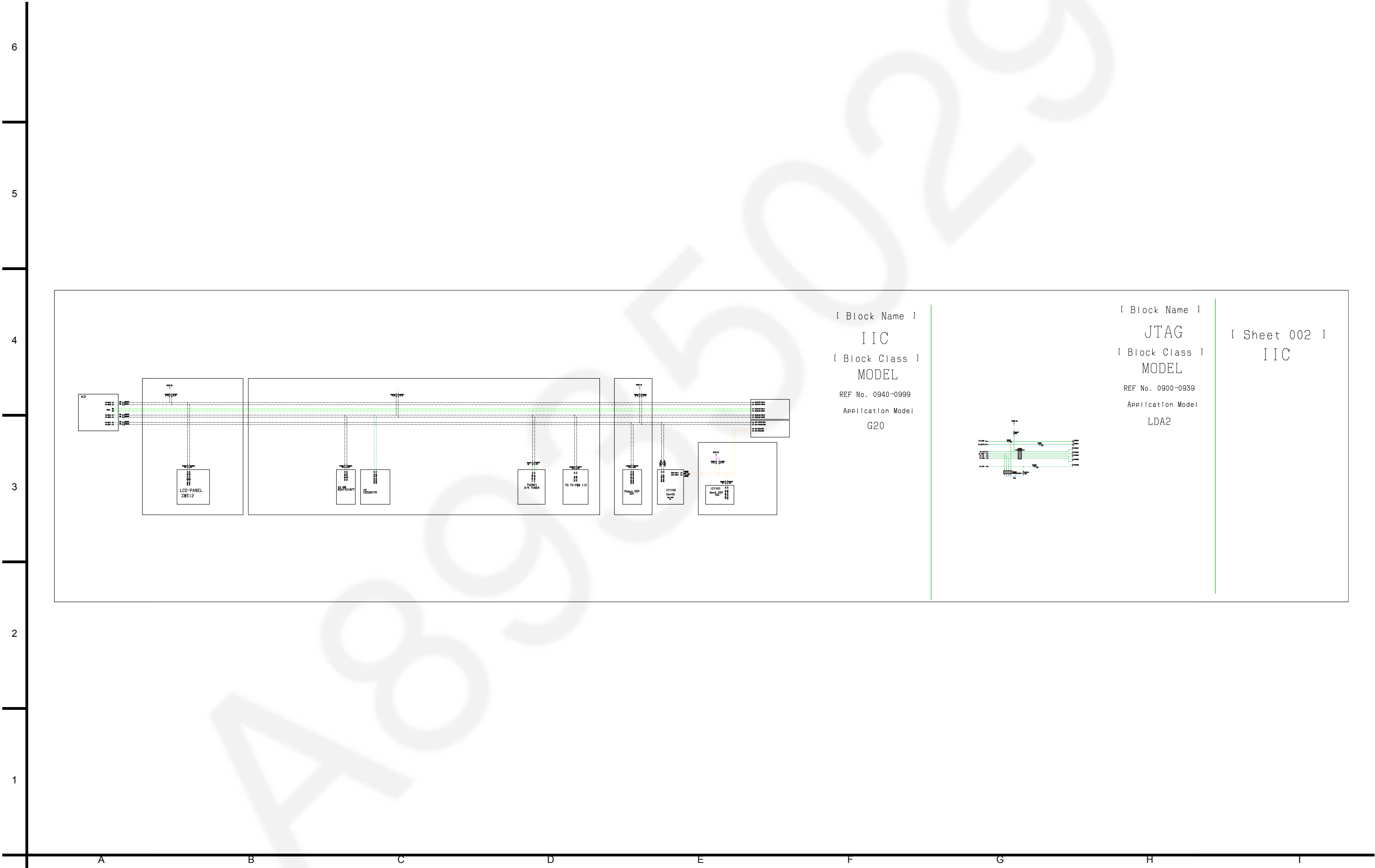
Notes:

- 1. **Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
- 2. **Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
- 3. Coil
Unit of inductance is H, unless otherwise noted.
- 4. Test Point
 : Test Point position
- 5. Earth Symbol
 : Chassis Earth (Cold)  : Line Earth (Hot)
- 6. Voltage Measurement
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Power Source AC110-127V, 60Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions
- 7. When arrow mark () is found, connection is easily found from the direction of arrow.
- 8. Indicates the major signal flow. : Video  Audio 
- 9. This schematic diagram is the latest at the time of printing and subject to change without notice.

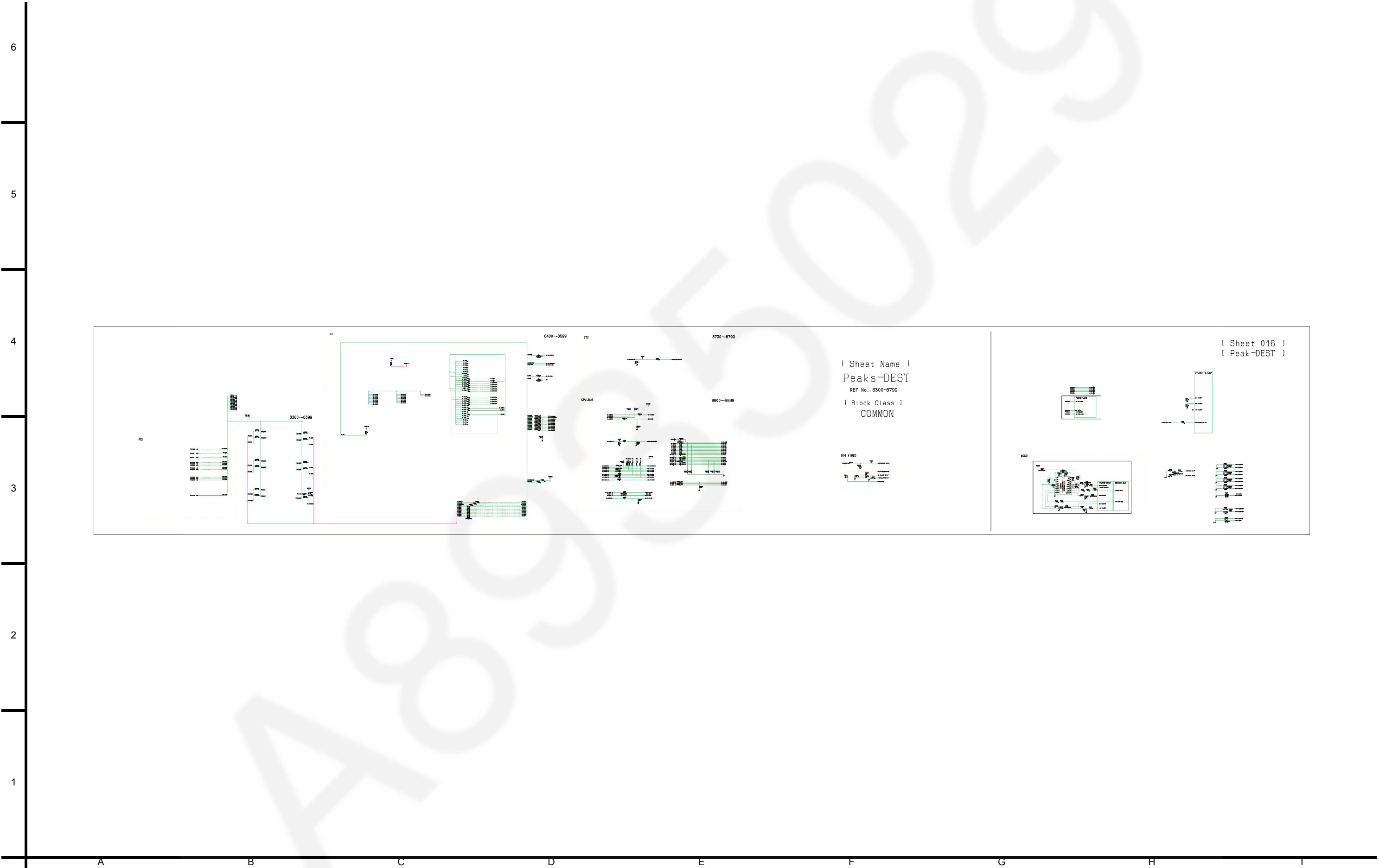
Remarks:

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

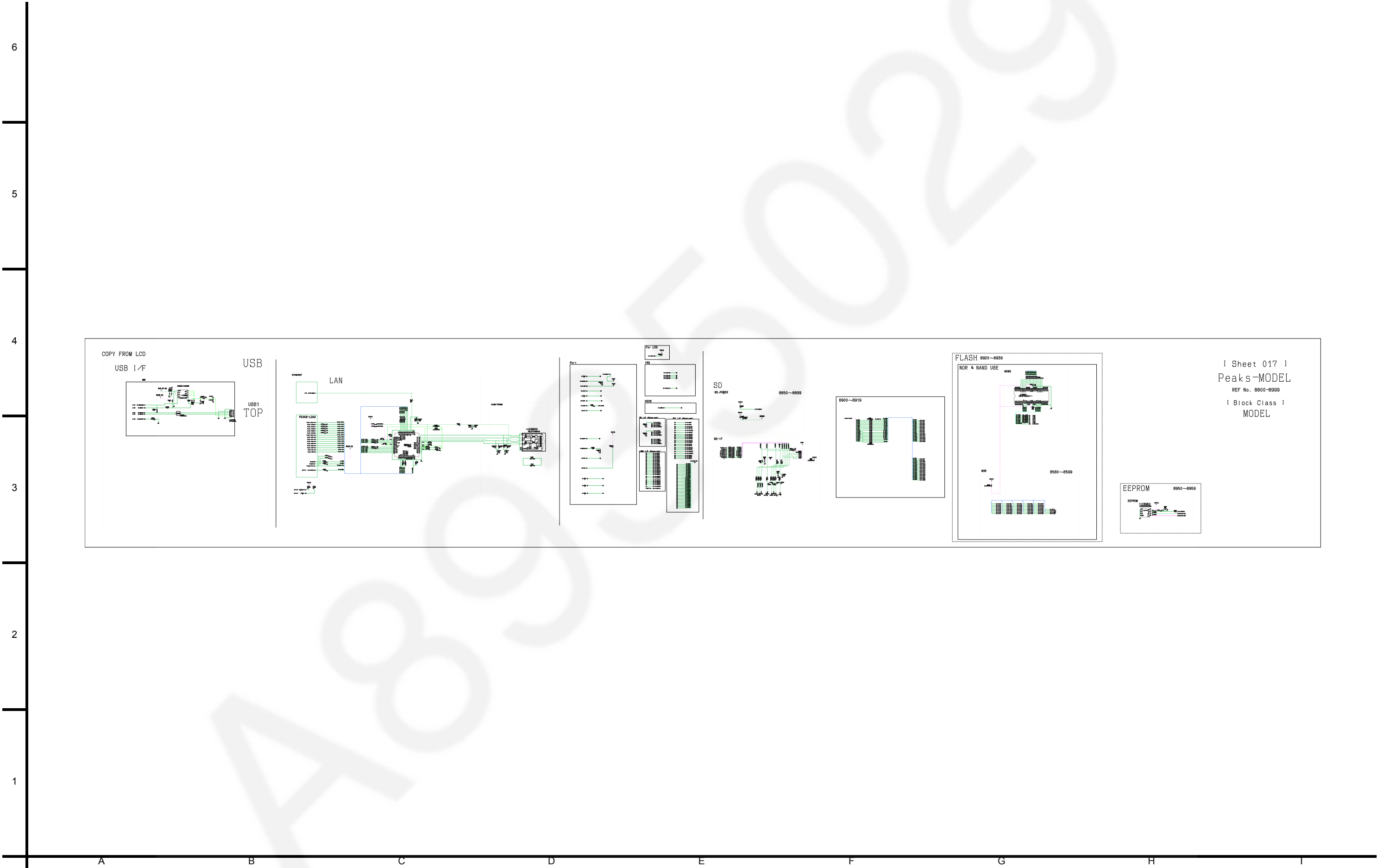
11.2. A-Board (1/19) Schematic Diagram



11.3. A-Board (2/19) Schematic Diagram



11.4. A-Board (3/19) Schematic Diagram



11.5. A-Board (4/19) Schematic Diagram

6

5

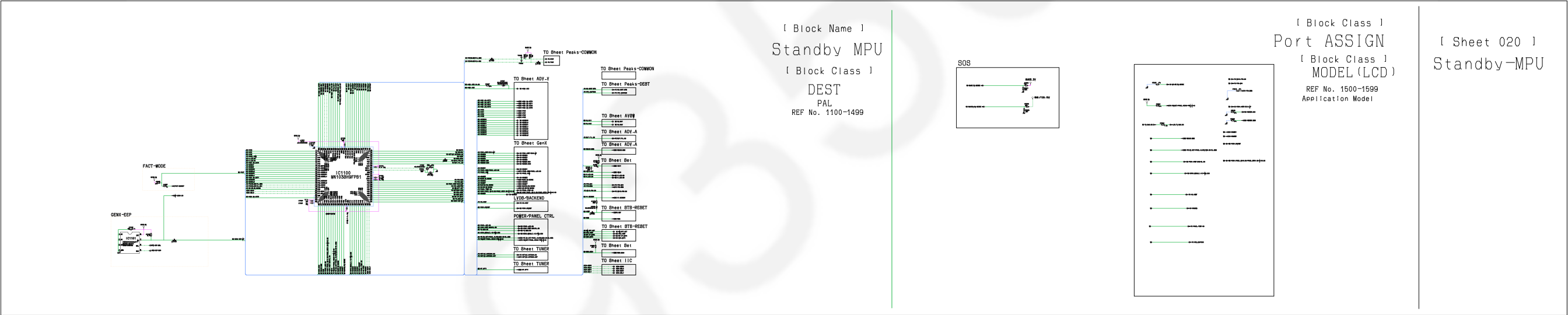
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3

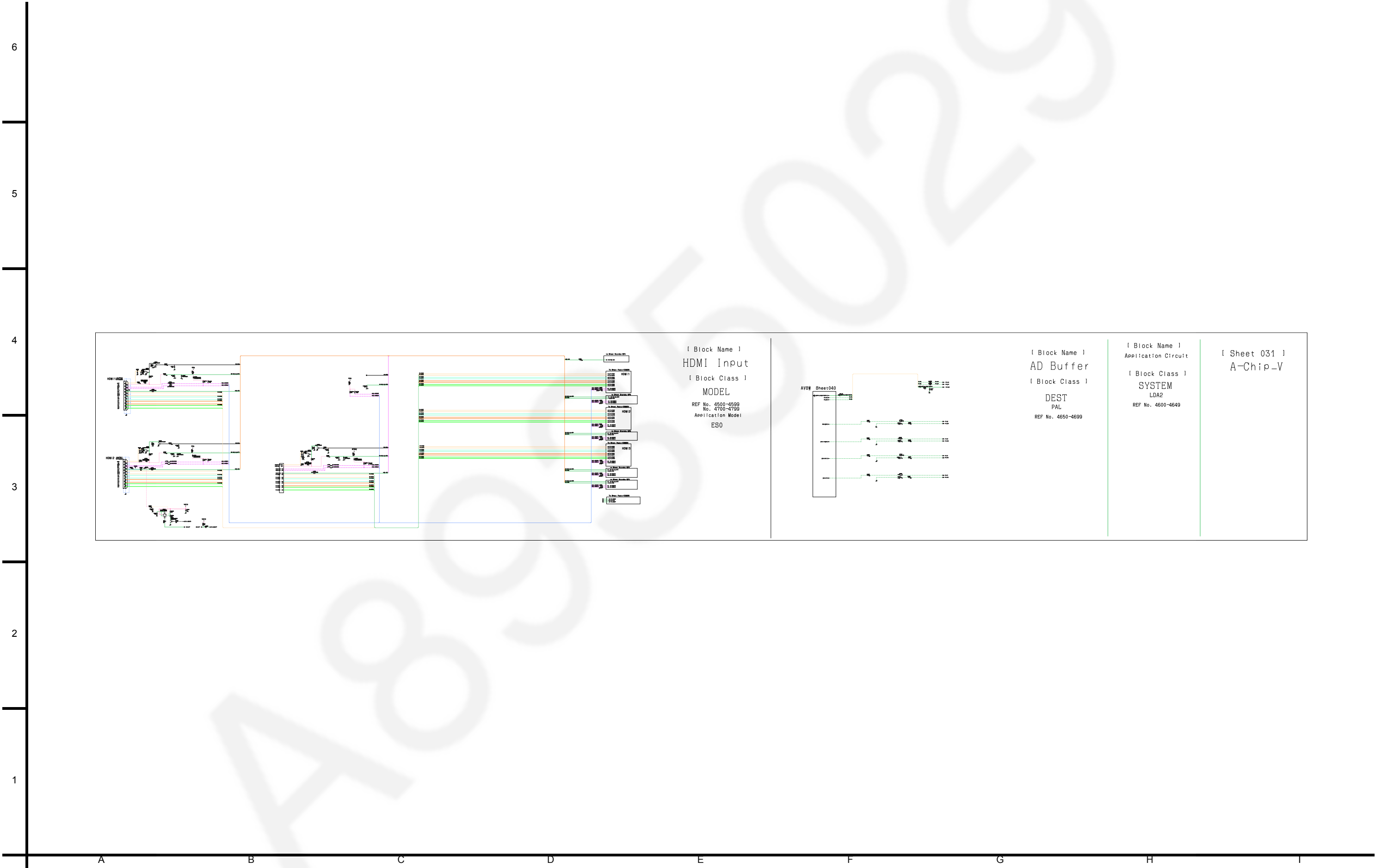
2

1

A B C D E F G H I



11.6. A-Board (5/19) Schematic Diagram



11.7. A-Board (6/19) Schematic Diagram

6

5

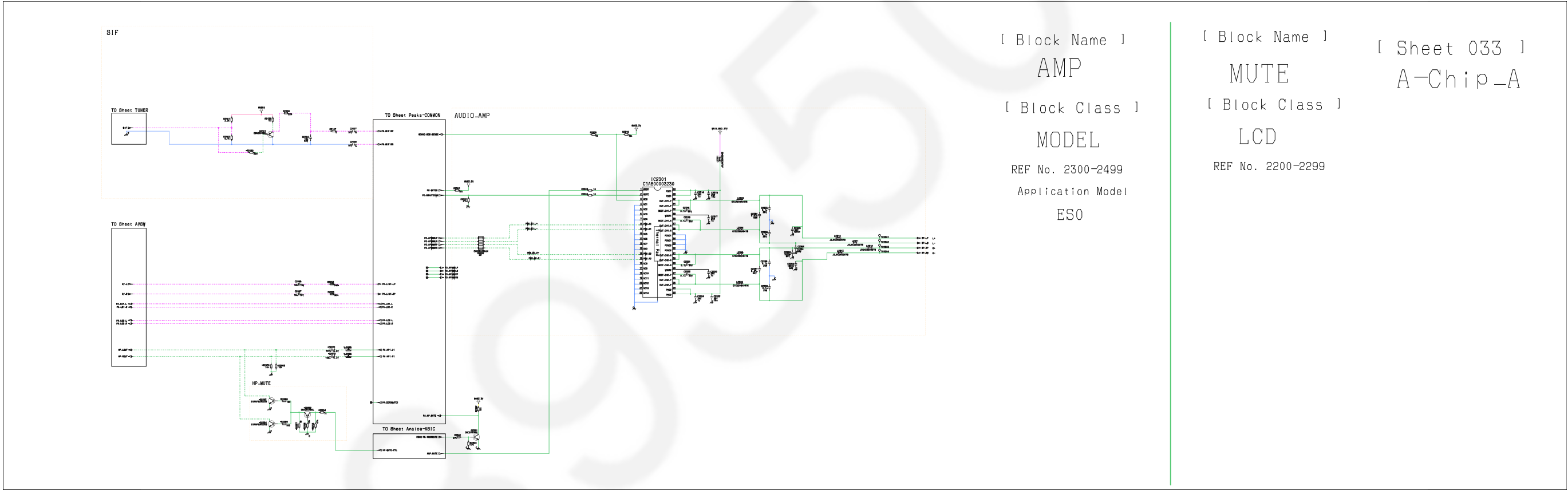
4

3

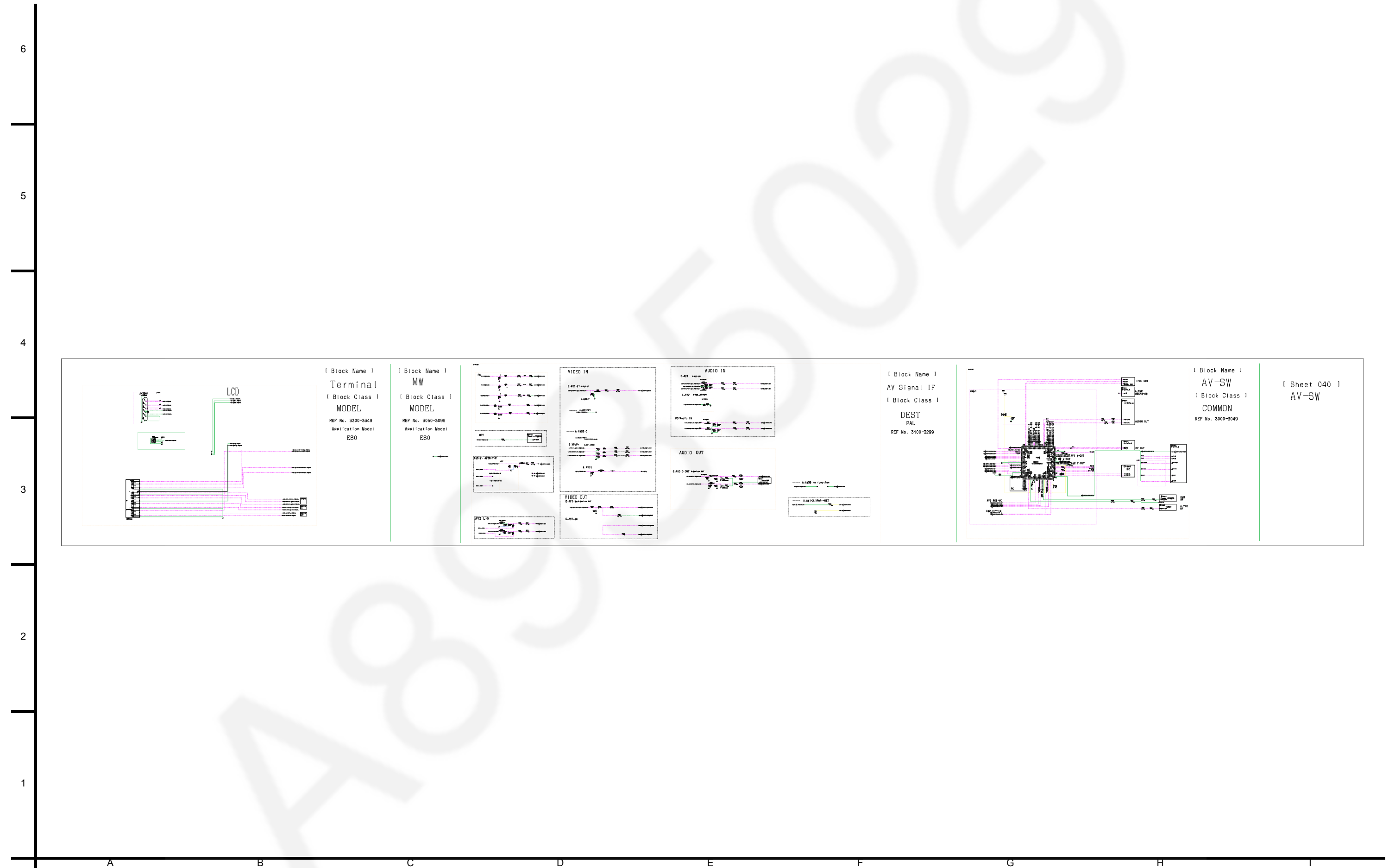
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1

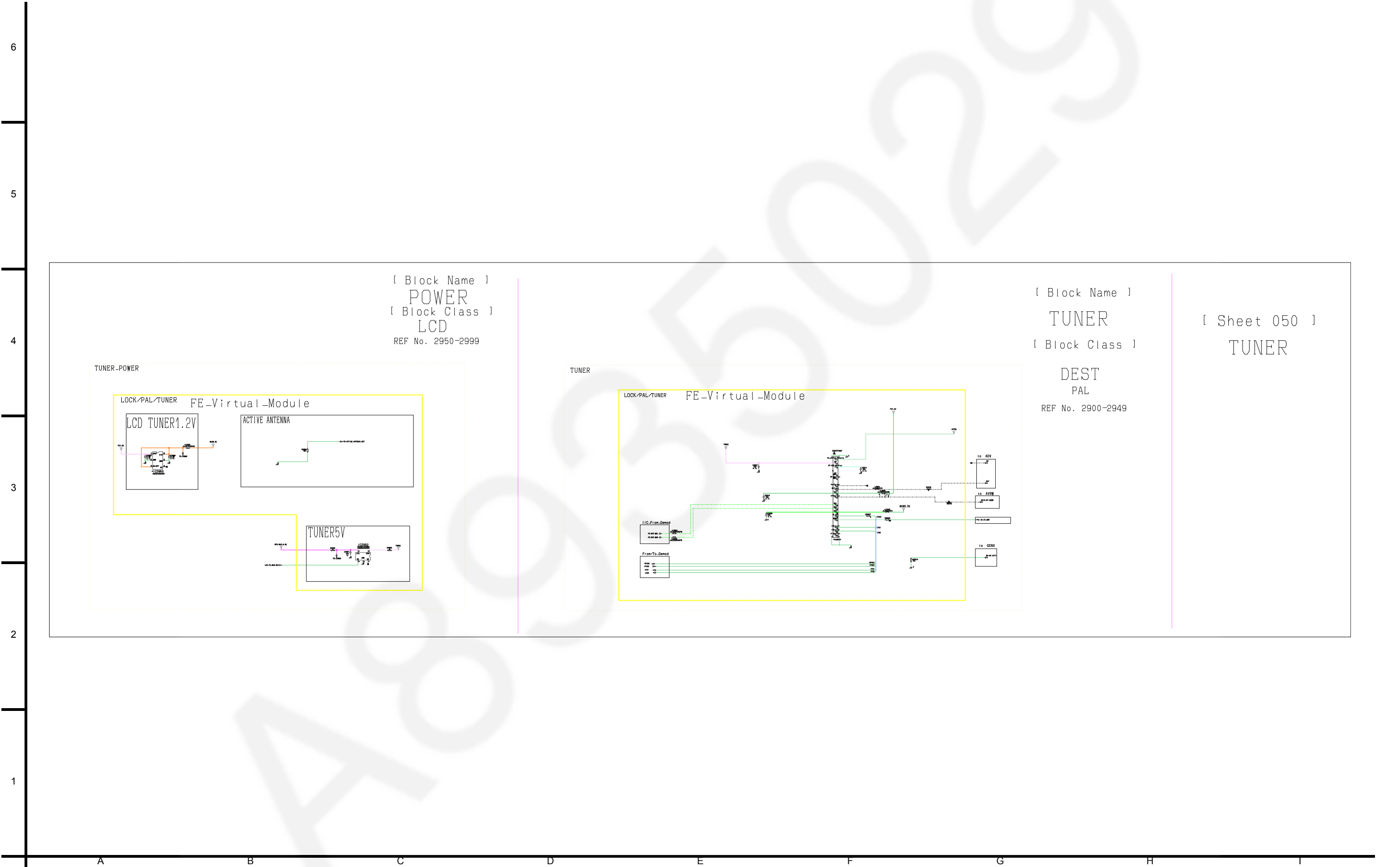
A B C D E F G H I



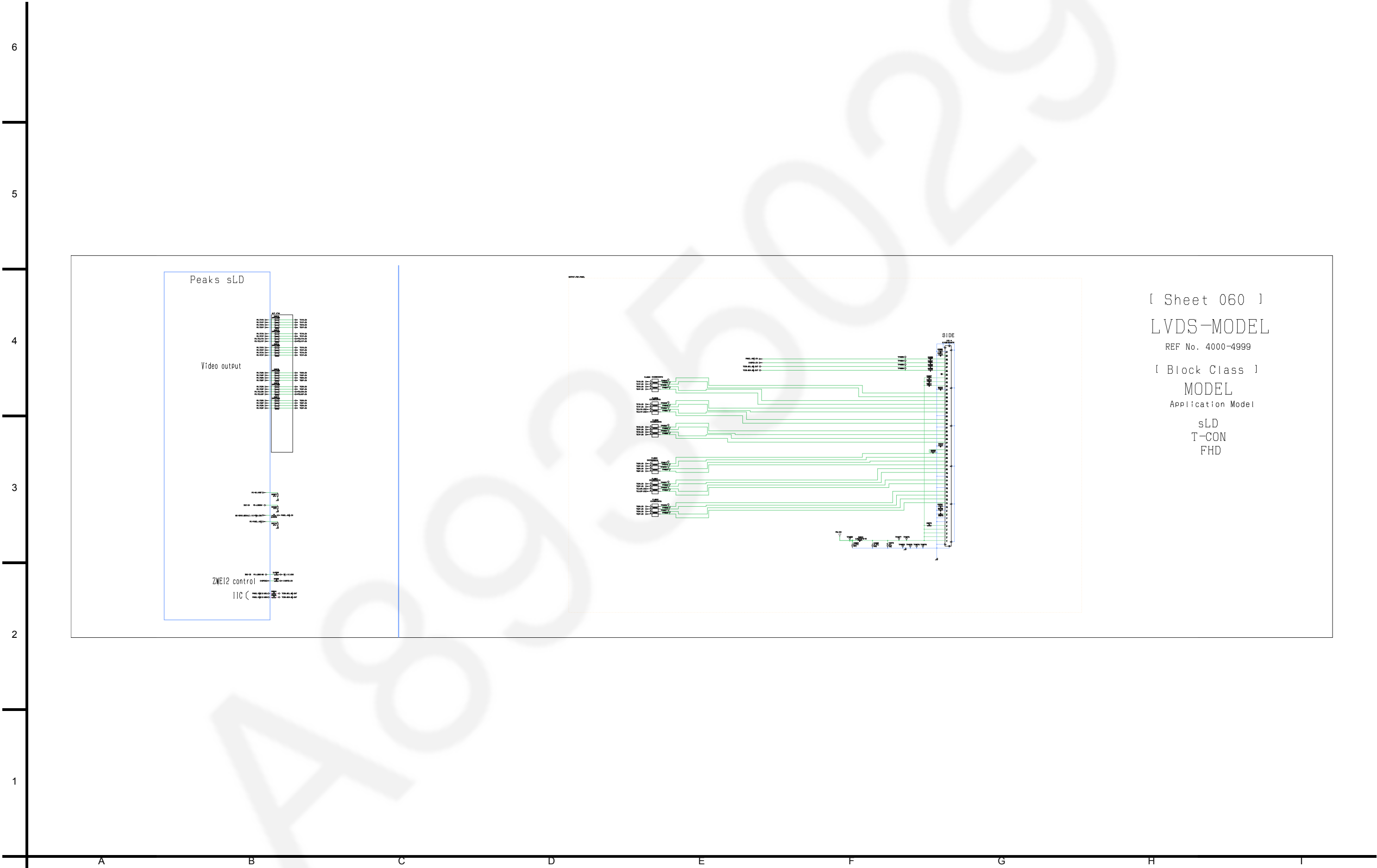
11.8. A-Board (7/19) Schematic Diagram



11.9. A-Board (8/19) Schematic Diagram



11.10. A-Board (9/19) Schematic Diagram



11.11. A-Board (10/19) Schematic Diagram

6

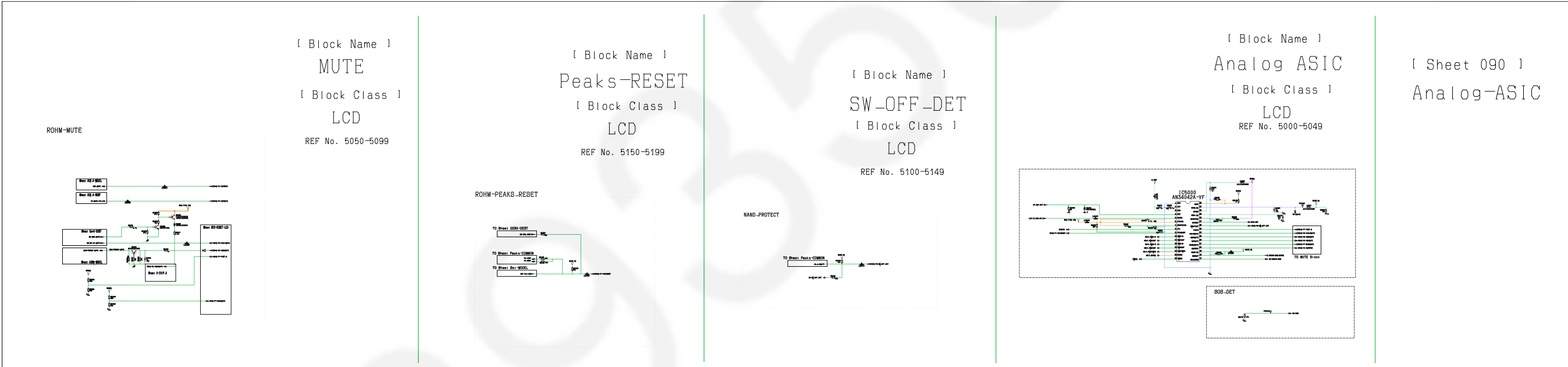
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4

3

2

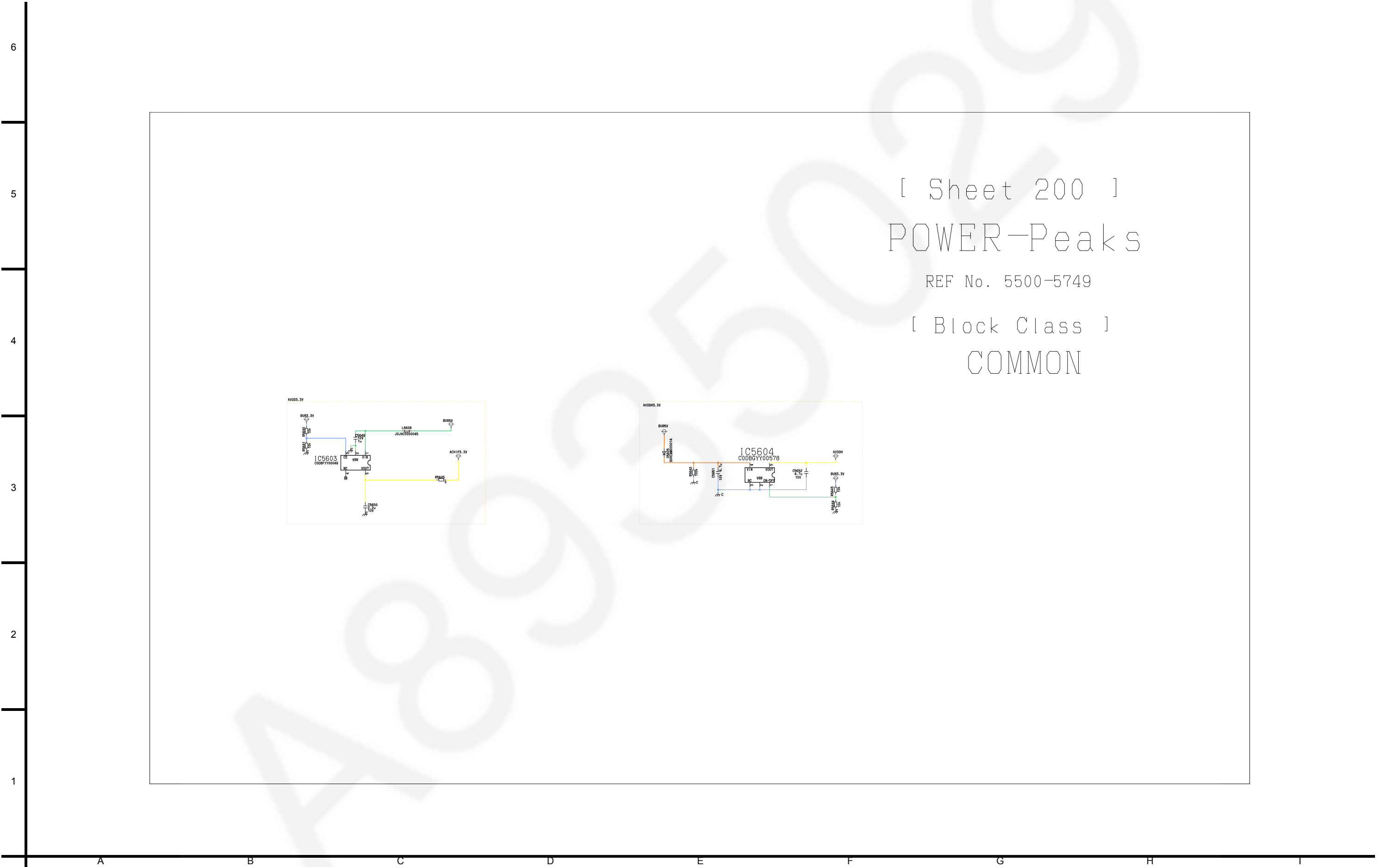
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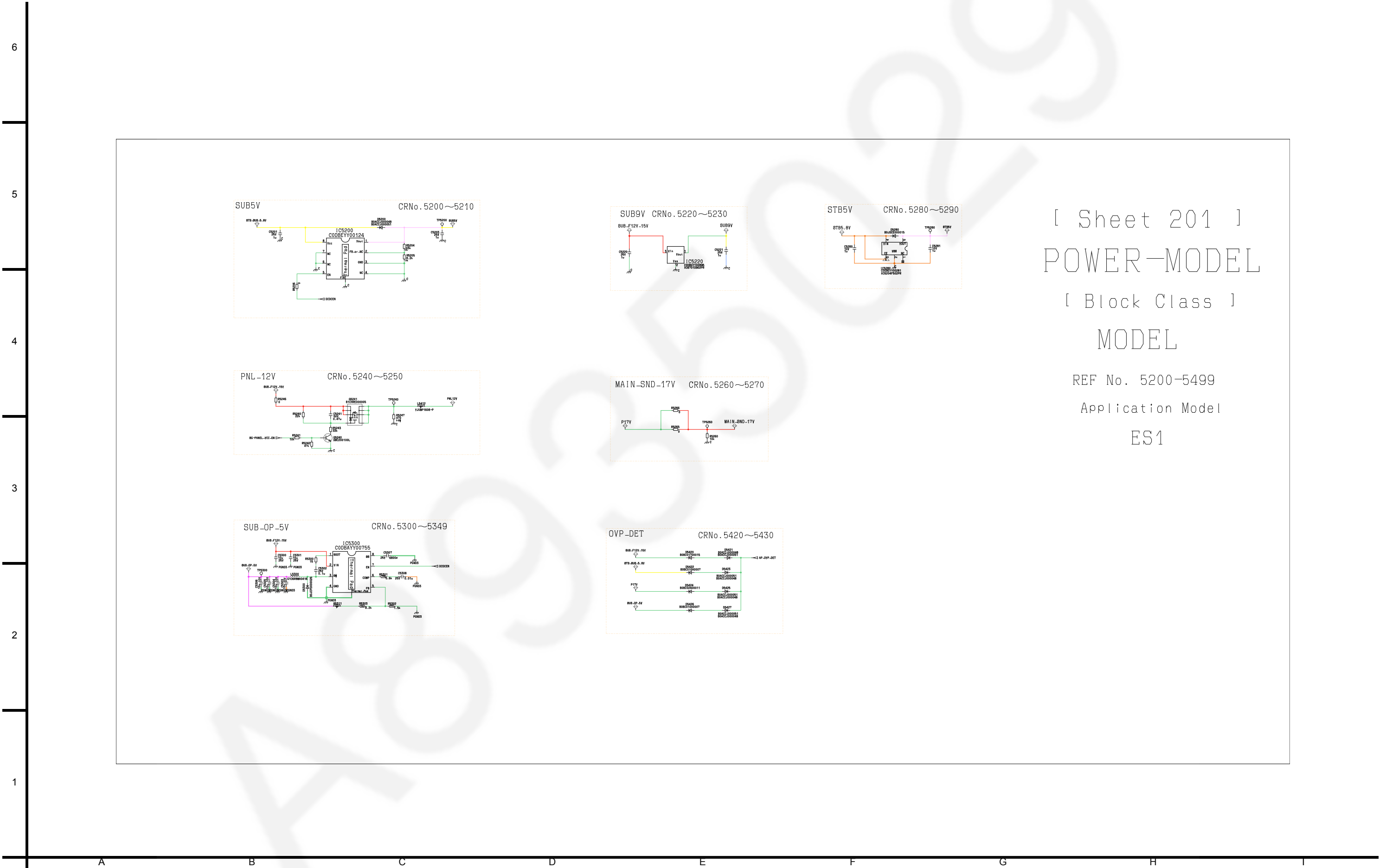
11.12. A-Board (11/19) Schematic Diagram



11.13. A-Board (12/19) Schematic Diagram

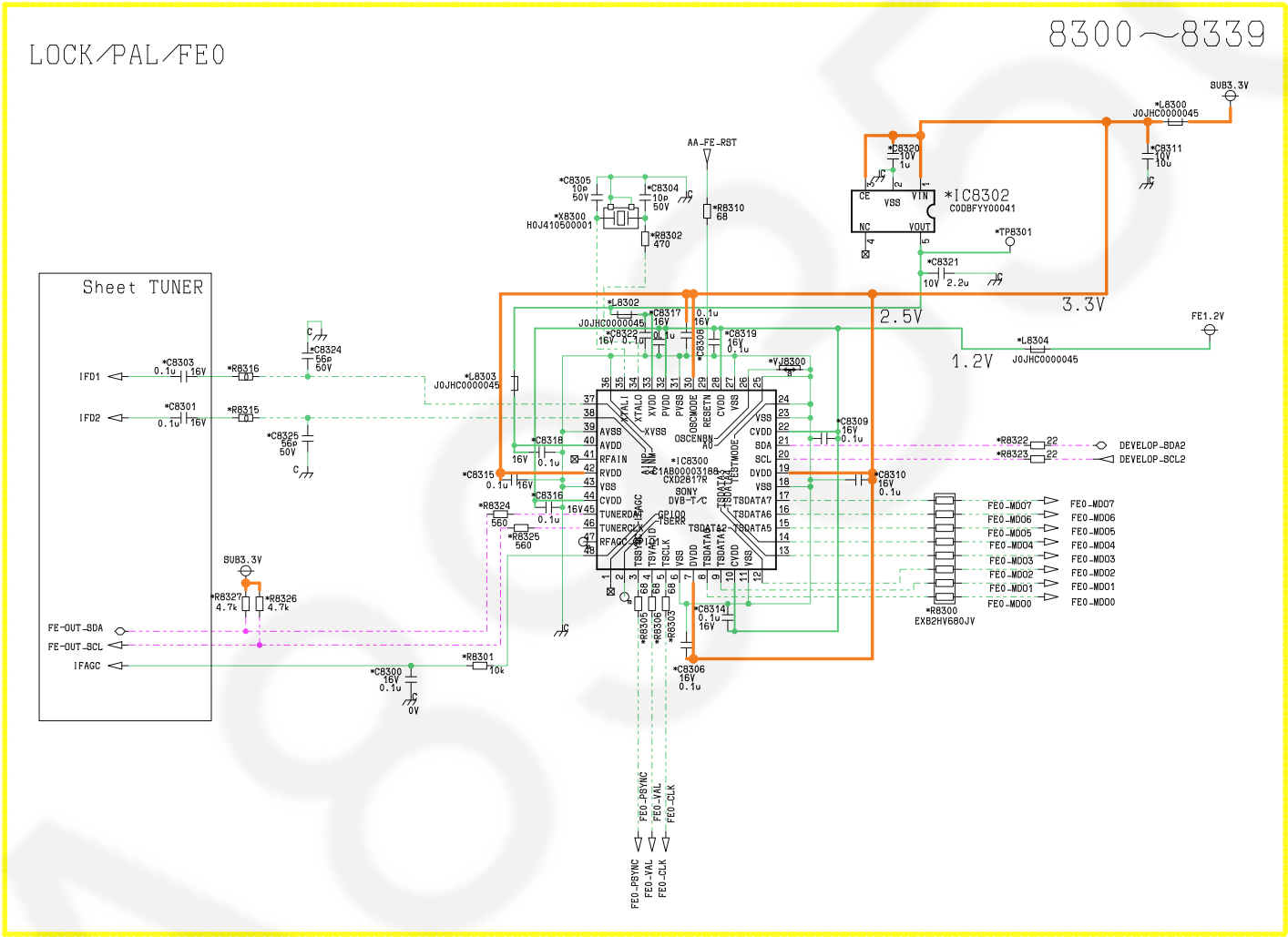


11.14. A-Board (13/19) Schematic Diagram

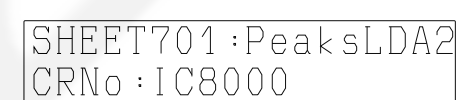


11.15. A-Board (14/19) Schematic Diagram

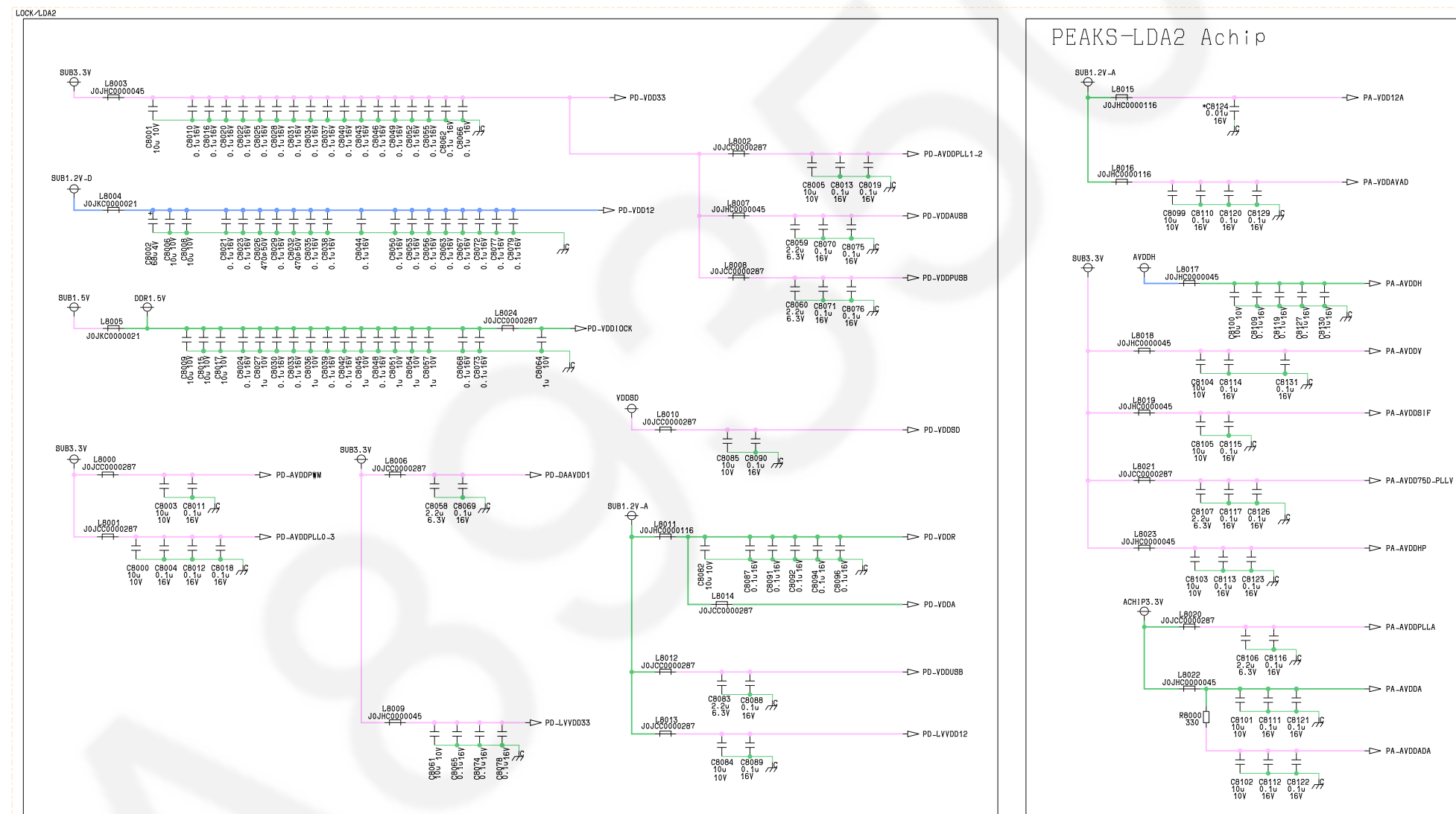
[Sheet 205]
[LOCK-LDA2-FE]



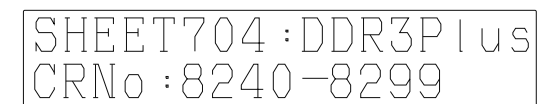




SHEET702:LDA2 Power
CRNo:8000-8199



58



11.21. K-Board Schematic Diagram

6

5

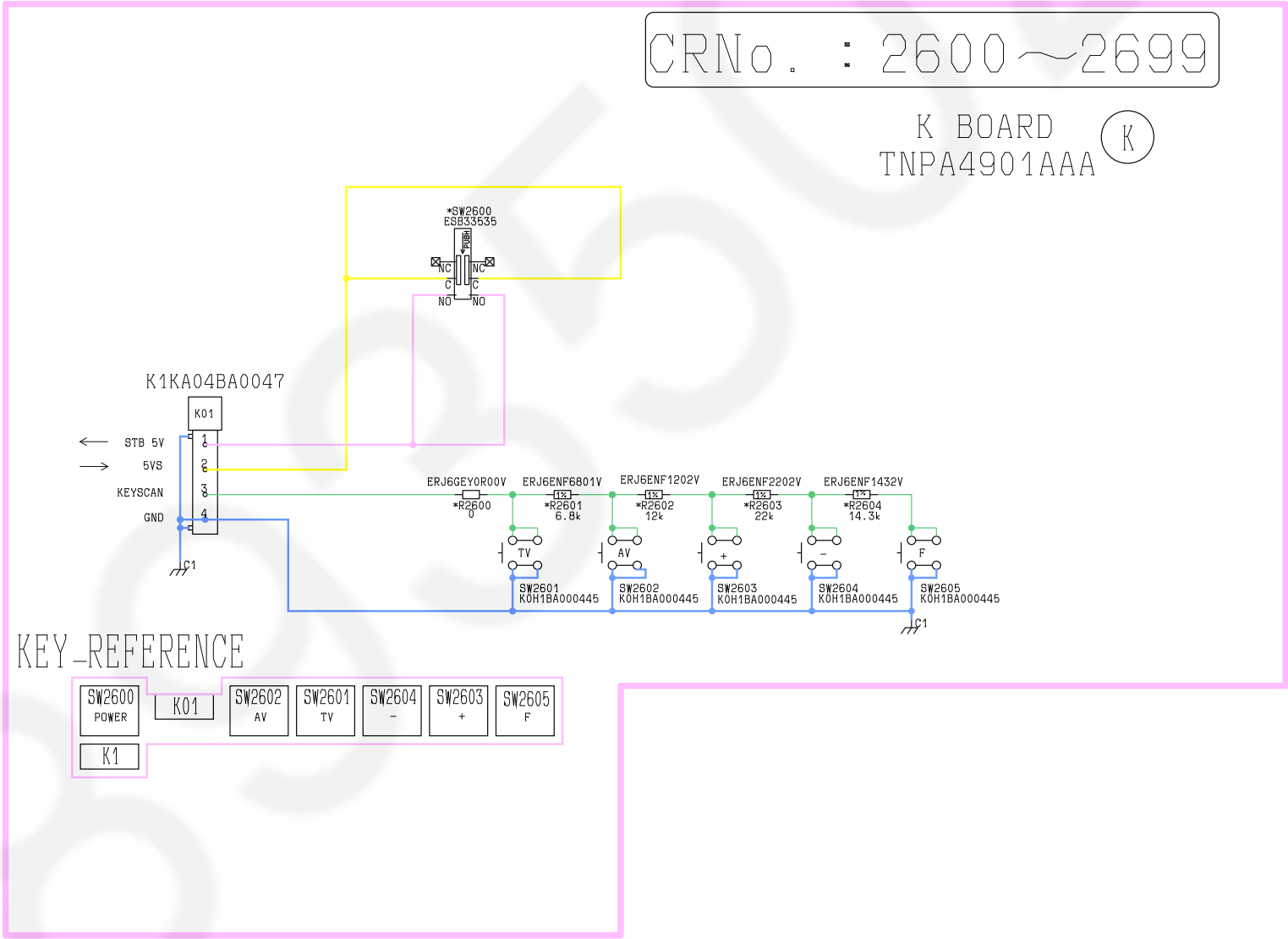
4

3

2

1

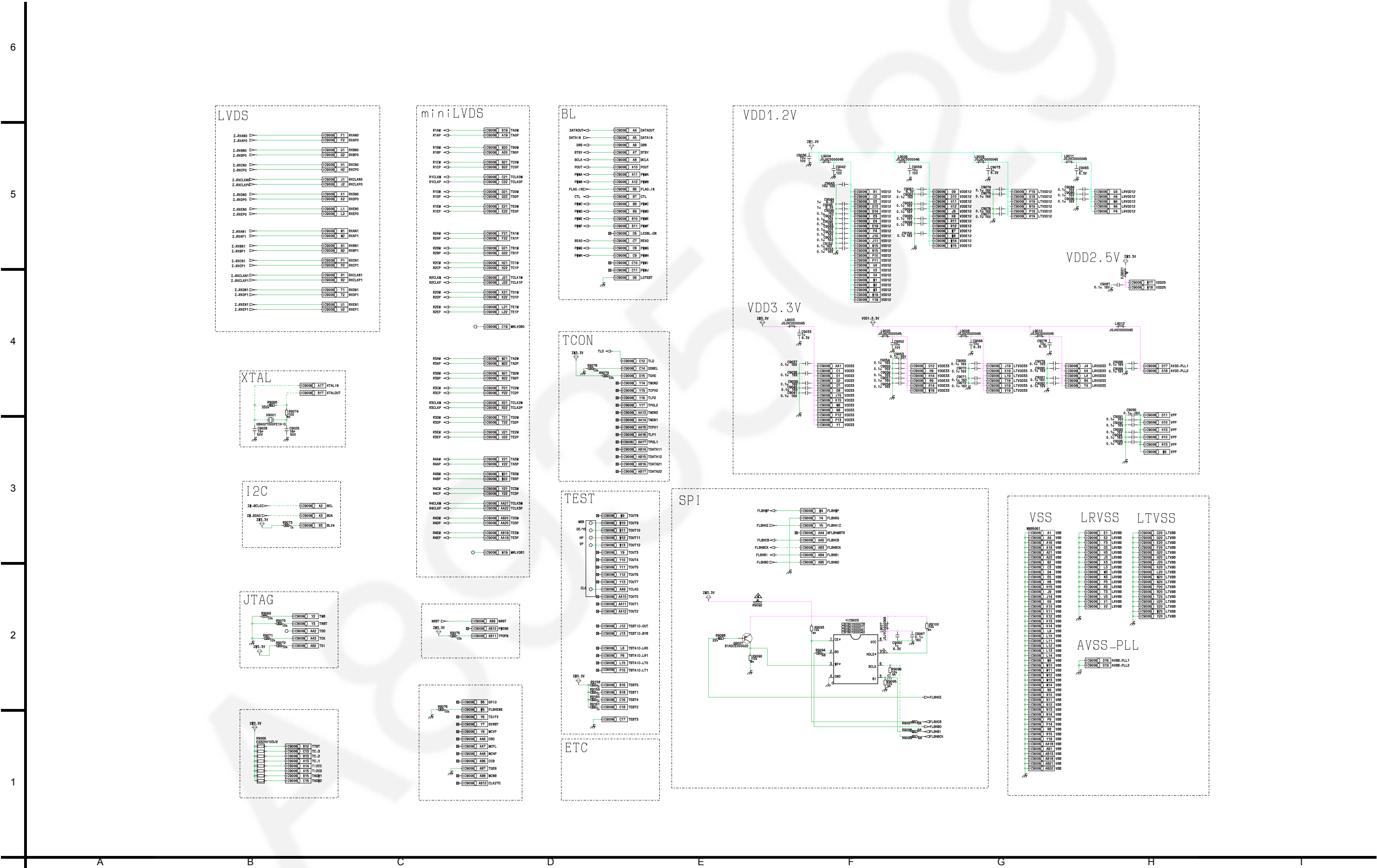
A B C D E F G H I



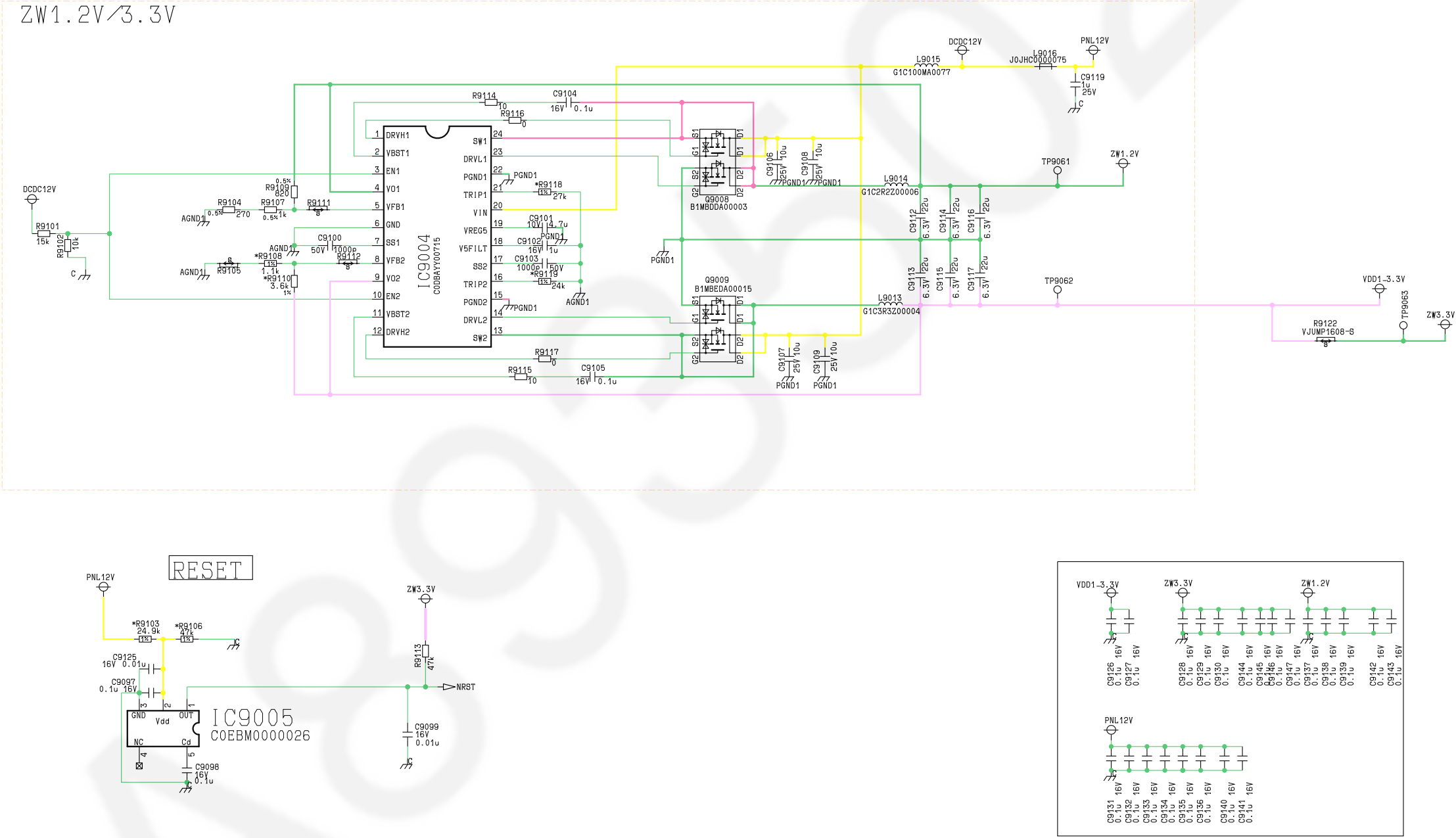


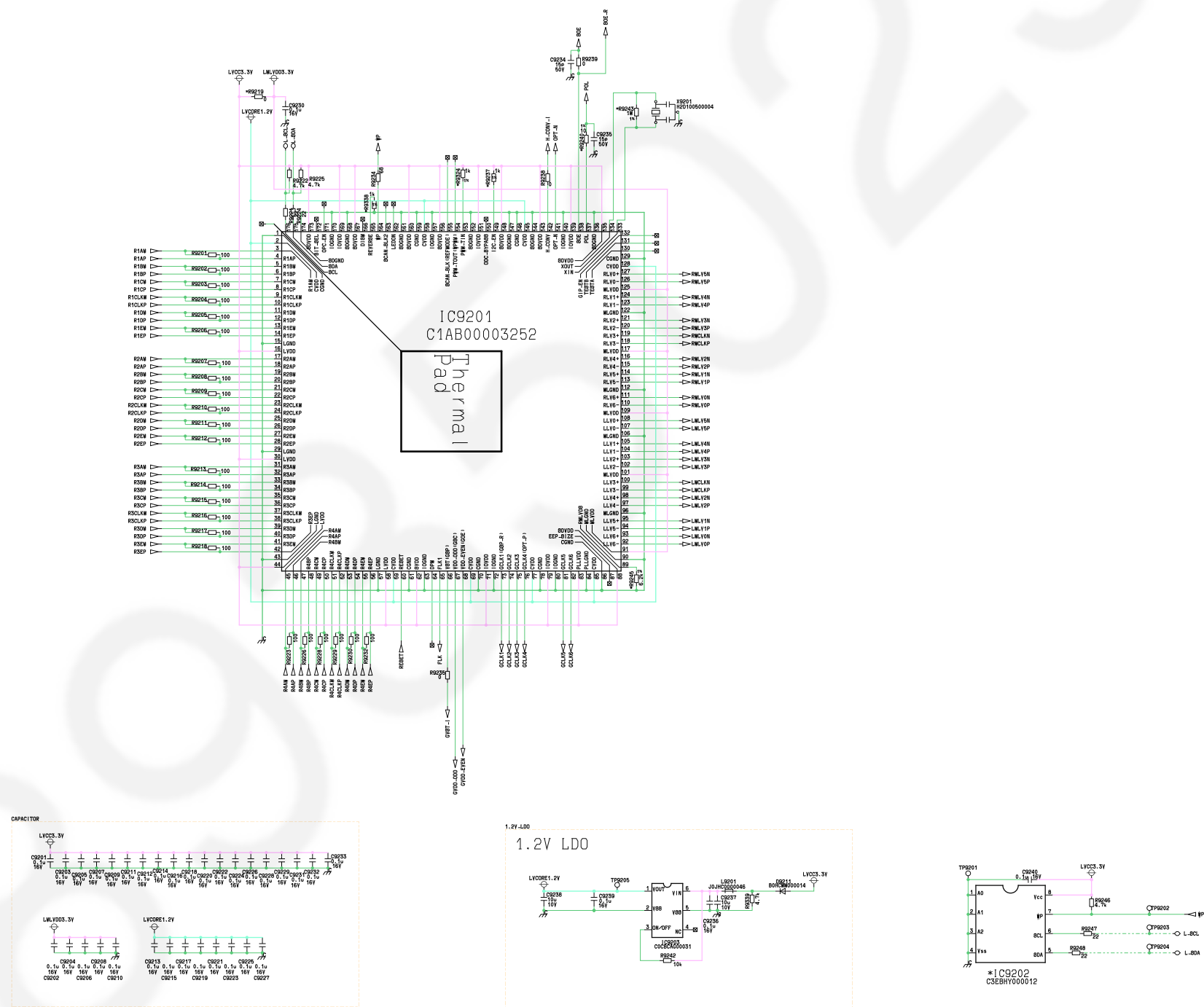


11.24. TC-Board (2/6) Schematic Diagram



11.25. TC-Board (3/6) Schematic Diagram





11.27. TC-Board (5/6) Schematic Diagram

6

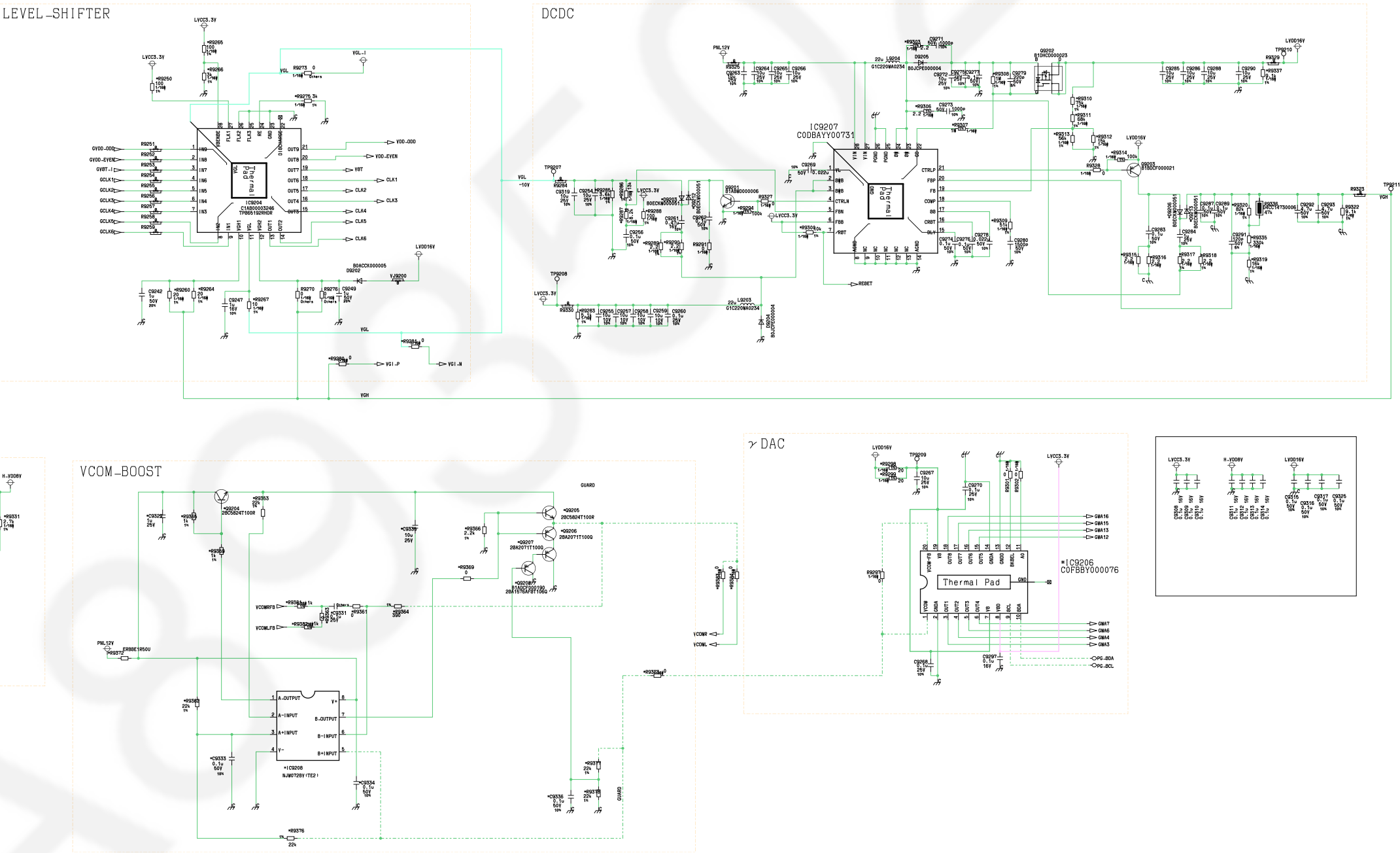
5

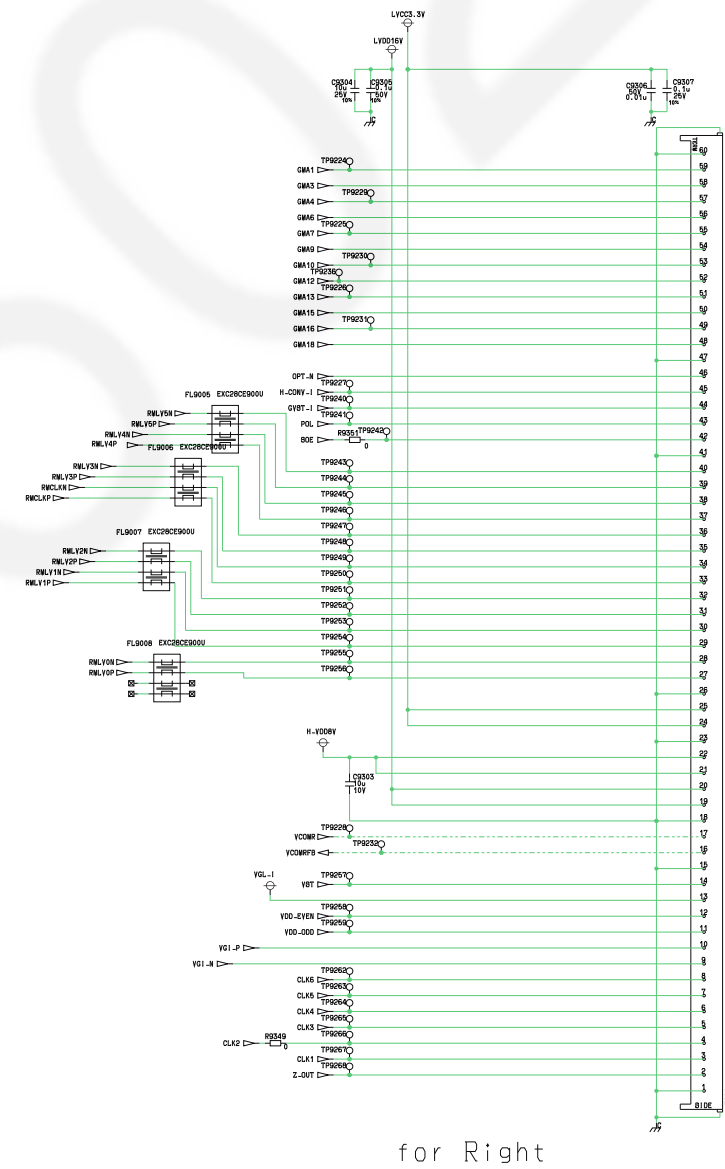
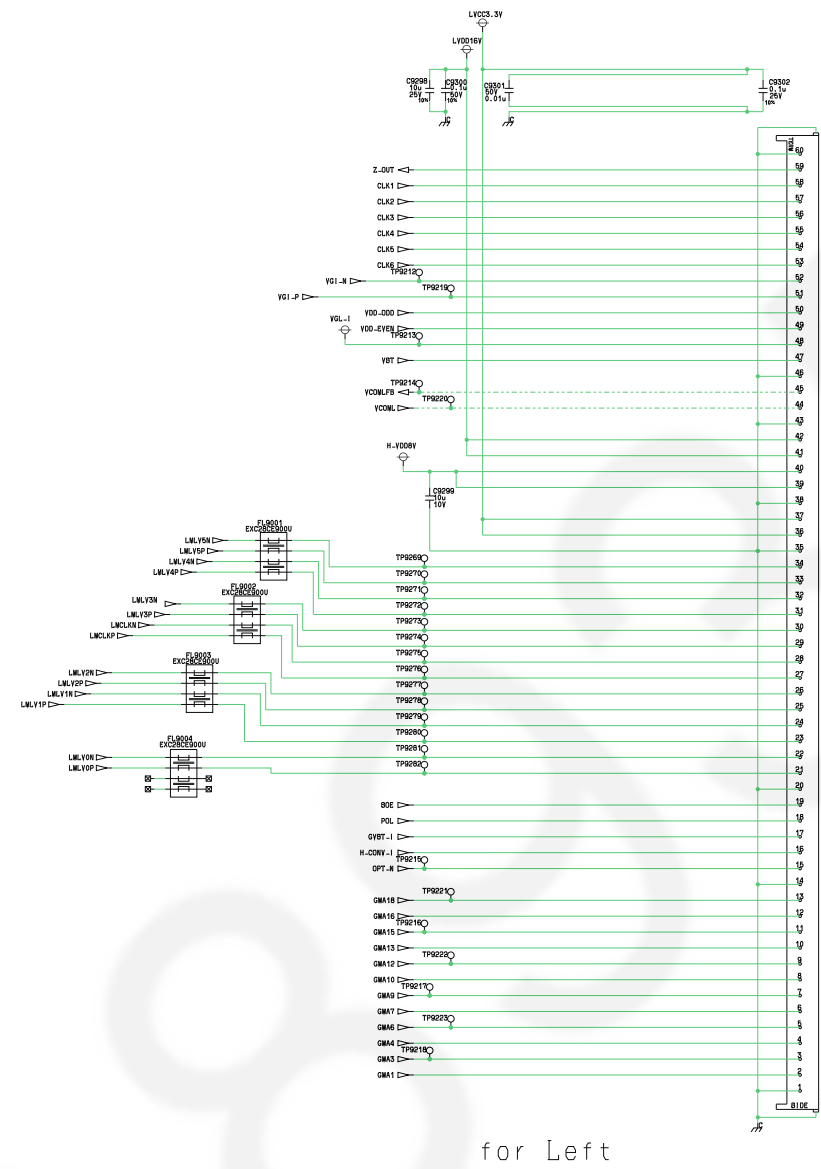
4

3

2

1





11.29. V-Board Schematic Diagram

6

5

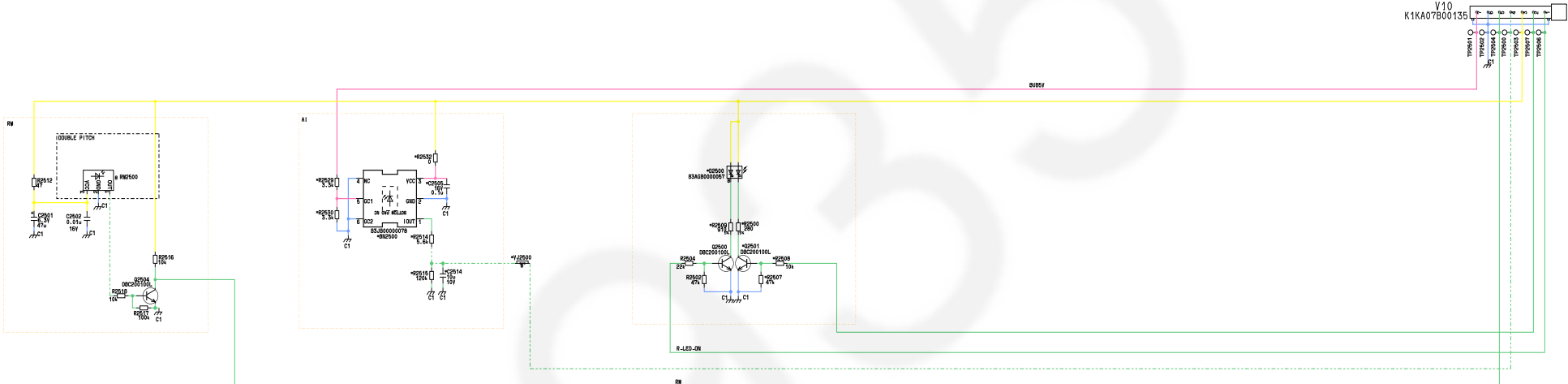
4

3

2

1

CRNo. : 2500~2549



[TNPA5134AE]
[V BOARD]

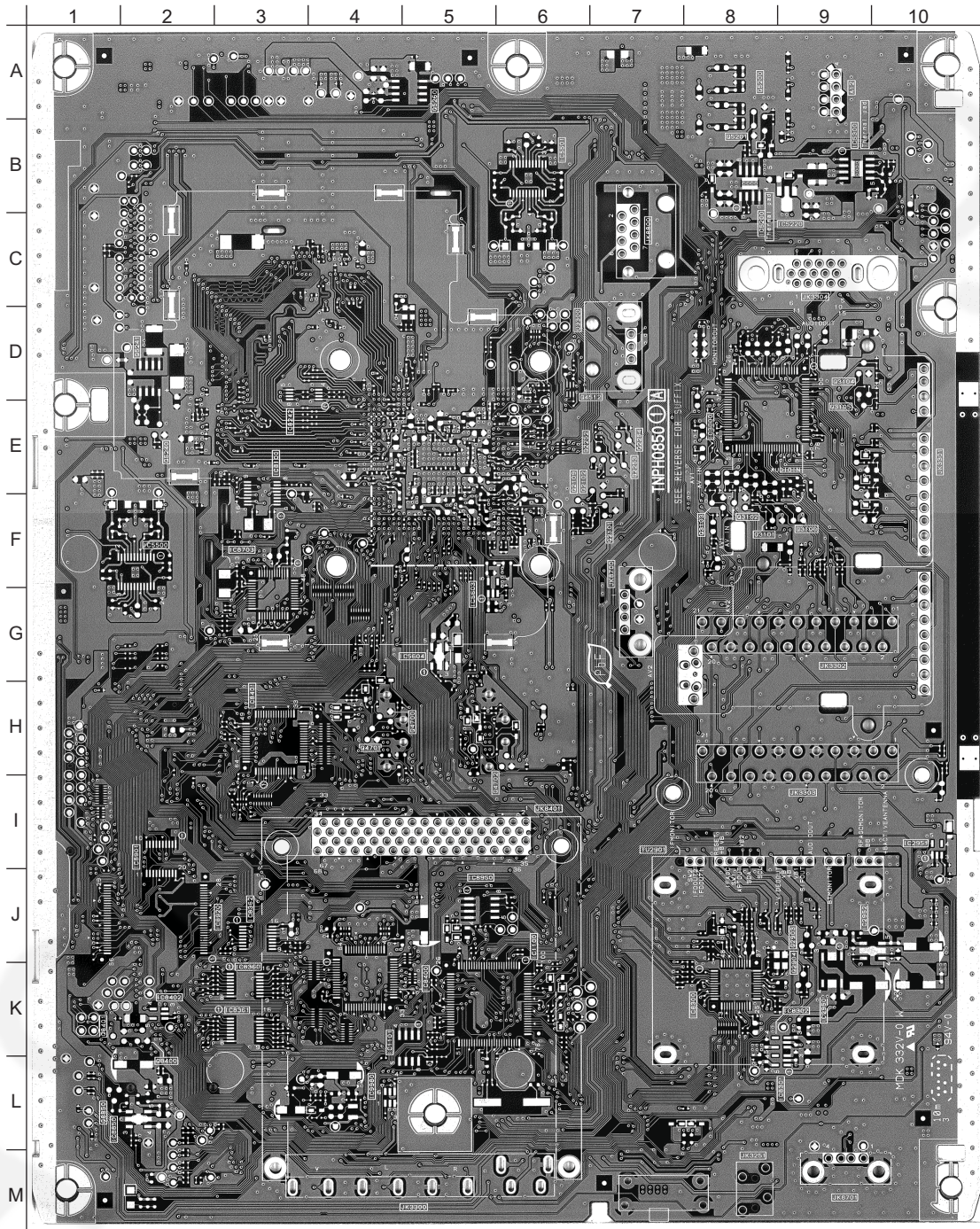
(V)

A B C D E F G H I

12 Printed Circuit Board

12.1. A-Board

A-Board (A Side)
TNPH0850

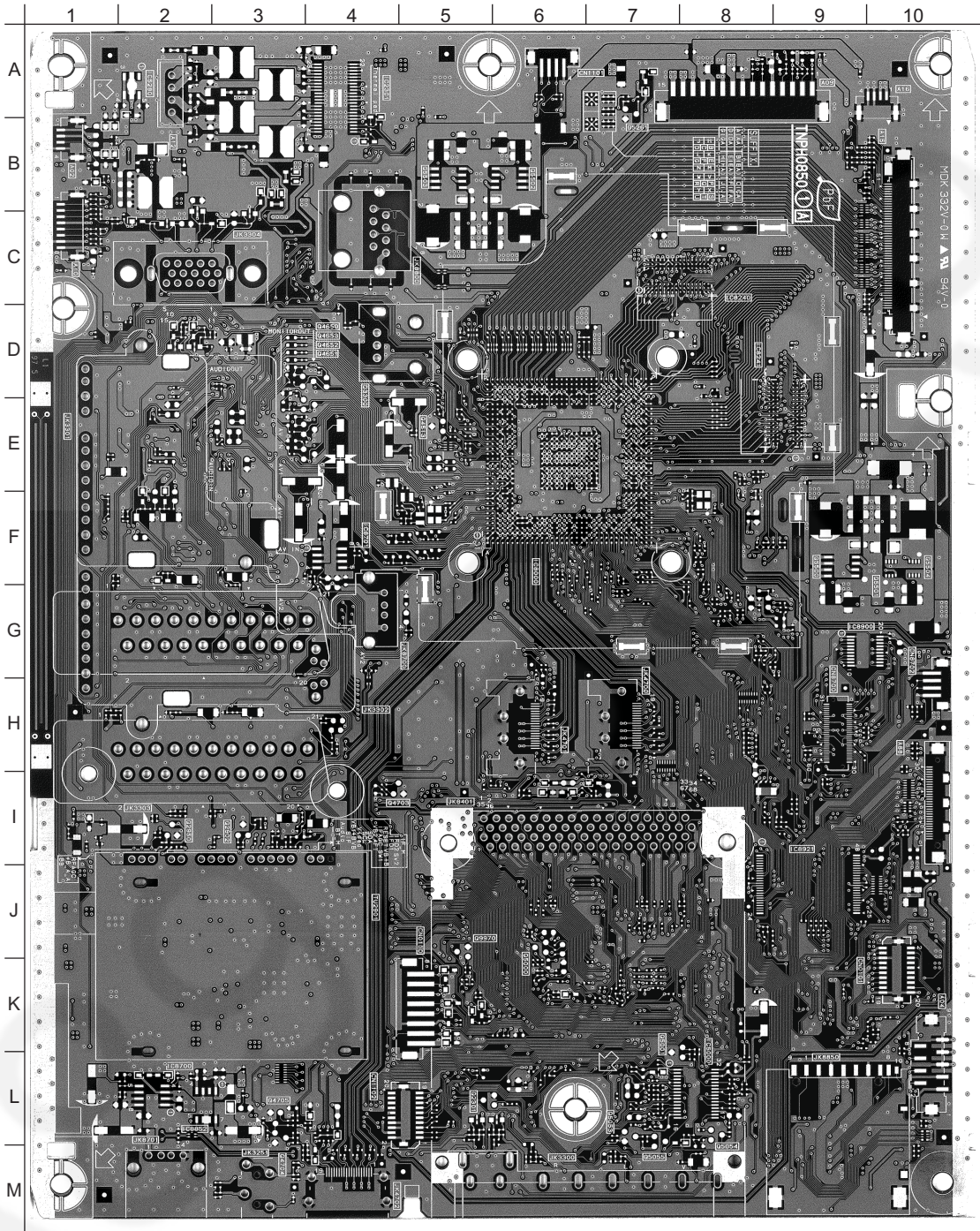


Parts Location

Ref. No	Location		Ref. No	Location		Ref. No	Location		Ref. No	Location
IC1100	J6		IC5501	B6		IC8362	J3		D3300	D6
IC1101	K4		IC5603	G5		IC8400	K5			
IC2950	K9		IC5604	G5		IC8401	H3			
IC2951	I10		IC8100	E3		IC8402	K2			
IC2952	L9		IC8242	E3		IC8703	F3			
IC3000	E8		IC8300	K8		IC8850	L1			
IC5200	C8		IC8301	L9		IC8901	I2			
IC5220	C9		IC8302	K9		IC8920	J2			
IC5300	B9		IC8360	K3		IC8950	J5			
IC5500	F2		IC8361	K3		IC9980	L4			

12.2. A-Board

A-Board (B Side)
TNPH0850

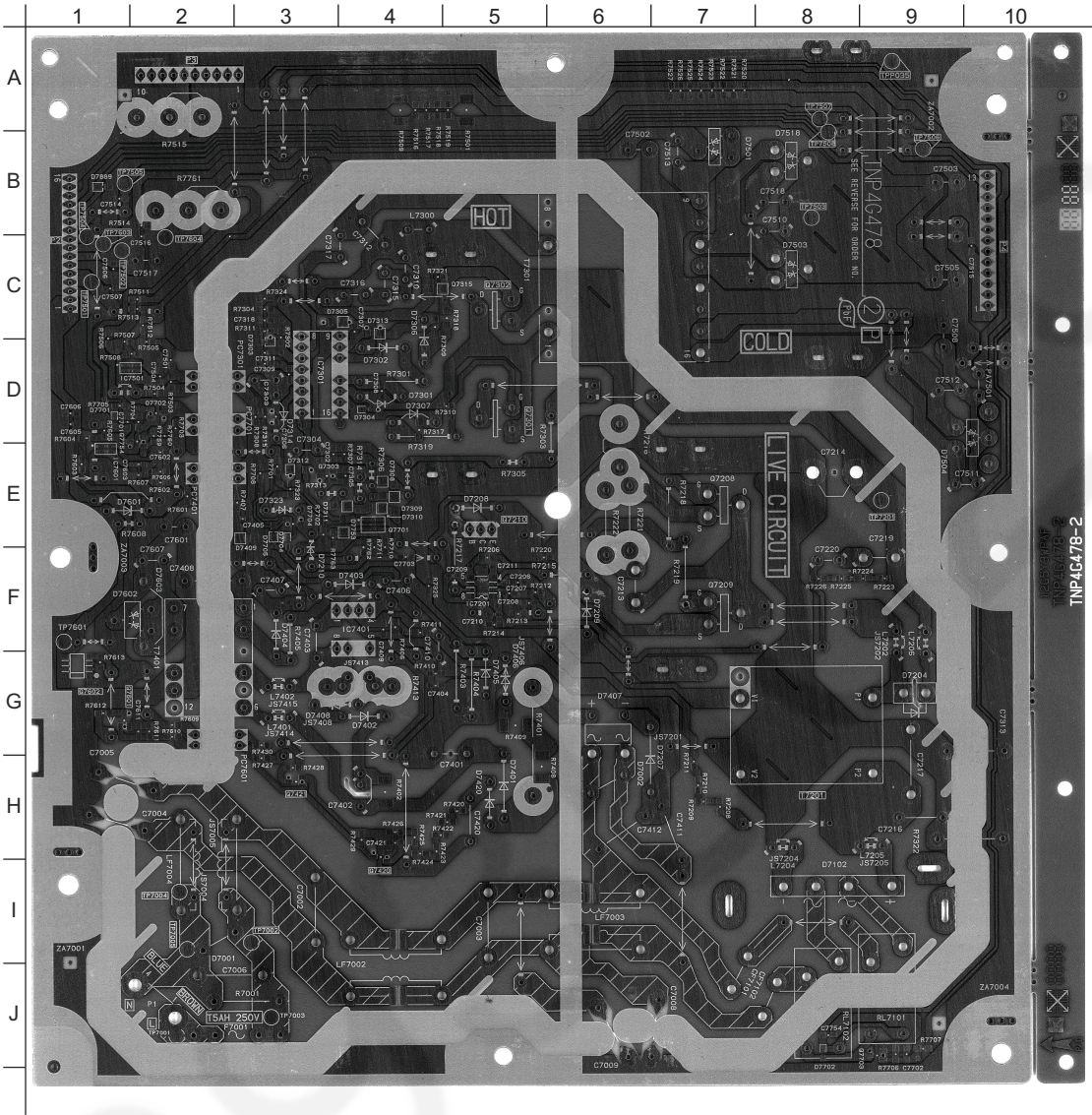


Parts Location

Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC2301	A4	IC8241	D8	IC8900	G9	D3300	D4
IC5000	L8	IC8700	L2	IC8921	I9		
IC5280	A2	IC8701	F4				
IC8240	C8	IC8852	L2				

12.3. P-Board

P-Board (A Side)
TNP4G478



Parts Location

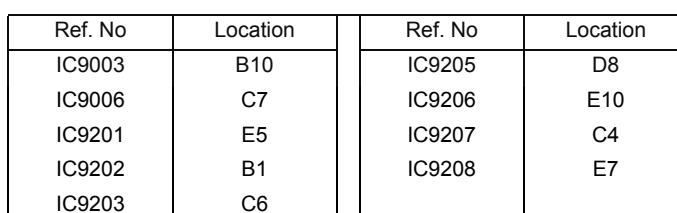
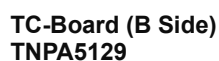
Ref. No	Location	Ref. No	Location	Ref. No	Location	Ref. No	Location
IC7201	F5	D7002	H6	D7310	E4	D7420	H5
IC7301	D3	D7102	I8	D7311	E3	D7501	B7
IC7401	F4	D7204	G9	D7312	E3	D7503	C8
IC7501	D1	D7208	E5	D7313	C4	D7504	E9
IC7601	E1	D7207	H7	D7314	D3	D7518	A8
		D7209	F6	D7315	C5	D7601	E1
		D7210	F3	D7323	E3	D7602	F1
		D7301	D4	D7401	H5	D7603	F2
		D7302	D4	D7402	G4	D7701	D1
		D7303	D3	D7403	F4	D7702	J8
		D7304	D4	D7404	F3	D7704	E3
		D7305	C4	D7405	G5	D7705	E3
		D7306	C4	D7406	G5	D7753	E3
		D7307	D4	D7407	D6	D7889	B1
		D7308	E4	D7408	G3		
		D7309	E4	D7409	E3		



Parts Location							
Ref. No	Location		Ref. No	Location		Ref. No	Location
IC7301	D8		D7001	I9		D7407	G5
IC7401	F7		D7002	H5		D7408	G8
			D7102	I2		D7420	H6
			D7204	G2		D7501	B4
			D7207	H5		D7503	C3
			D7208	E6		D7504	D1
			D7209	F6		D7518	A3
			D7210	E8		D7601	E10
			D7301	D7		D7602	F10
			D7302	C7		D7603	F9

Ref. No	Location
D2600	B7

Figure 1 shows the dimensions and markings of the TNP4901 device. The top of the image features a ruler with inch markings from 1 to 10. The device itself is a dark, rectangular component with a central section. On the left side of the central section, there is a circular feature with a smaller circle inside it, labeled 'A' and 'B' with arrows indicating dimensions. On the right side, there is another circular feature with a smaller circle inside it, labeled 'C' and 'D' with arrows indicating dimensions. The central section is labeled 'TNP4901' and 'ORDER NO.' with a blank space for the order number. The central section also has a label 'R6 94V0' and a 'UL' logo.



13 Exploded View and Replacement Parts List

13.1. Exploded View and Mechanical Replacement Parts List

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

13.2. Electrical Replacement Parts List

13.2.1. Replacement Parts List Notes

RTL (Retention Time Limited)

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

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

Abbreviation of part name and description

1. Resistor

Example:

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

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
 Type Allowance

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

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

13.2.2. Electrical Replacement Parts List

Note: All part will be supplied by PAVCKM.

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
		CAPACITORS		
	C1039	F1G1H471A730	C 470PF , 50V	
	C1040	F1G1H471A730	C 470PF , 50V	
	C1100	F1G1E103A123	C 0.01UF , 25V	
	C1102	F1G1C104A116	C 0.1UF , 16V	
	C1113	F1G1C104A116	C 0.1UF , 16V	
	C1115	F1G1C104A116	C 0.1UF , 16V	
	C1118	F1G1C104A116	C 0.1UF , 16V	
	C1119	F1H1A105A025	C 1UF , 10V	
	C1121	F1H1A105A025	C 1UF , 10V	
	C1124	F1G1C104A116	C 0.1UF , 16V	
	C1125	F1G1C104A116	C 0.1UF , 16V	
	C1126	F1H1A105A025	C 1UF , 10V	
	C1127	F1H1H270A971	C 27PF , 50V	
	C1128	F1G1H270A731	C 27PF , 50V	
	C2055	FLJ1A106A087	C 10UF , 10V	
	C2057	FLJ1A106A087	C 10UF , 10V	
	C2071	EEHBOJ101UR	C 100UF , 6.3V	
	C2072	EEHBOJ101UR	C 100UF , 6.3V	
	C2075	F1G1C104A116	C 0.1UF , 16V	
	C2076	F1G1C104A116	C 0.1UF , 16V	
	C2077	F1G1C104A116	C 0.1UF , 16V	
	C2078	F1G1A105A047	C 1UF , 10V	
	C2079	F1G1C103A116	C 0.01UF , 16V	
	C2104	F1G1H100A731	C 10PF , 50V	
	C2107	F1G1A105A047	C 1UF , 10V	
	C2108	F1G1A105A047	C 1UF , 10V	
	C2314	FLJ1E105A231	C 1UF , 25V	
	C2315	FLK1E106A136	C 10UF , 25V	
	C2316	F1H1H104A970	C 0.1UF , 50V	
	C2317	FLJ1E105A231	C 1UF , 25V	
	C2318	F1H1H104A970	C 0.1UF , 50V	
	C2320	FLJ1E105A231	C 1UF , 25V	
	C2321	F1H1H104A970	C 0.1UF , 50V	
	C2322	FLK1E106A136	C 10UF , 25V	
	C2323	F1H1H104A970	C 0.1UF , 50V	
	C2324	FLJ1E105A231	C 1UF , 25V	
	C2334	FLJ1H474A757	C 0.47UF , 50V	
	C2335	F1H1E104A129	C 0.1UF , 25V	
	C2336	F1H1E104A129	C 0.1UF , 25V	
	C2337	FLJ1H474A757	C 0.47UF , 50V	
	C2338	F1H1E104A129	C 0.1UF , 25V	
	C2339	F1H1E104A129	C 0.1UF , 25V	
	C2349	F1G1H102A730	C 1000PF , 50V	
	C2351	F1G1H102A730	C 1000PF , 50V	
	C2353	F1G1H102A730	C 1000PF , 50V	
	C2355	F1G1H102A730	C 1000PF , 50V	
	C2501	F2G0J470A019	E 47UF , 6.3V	
	C2502	F1G1C103A116	C 0.01UF , 16V	
	C2505	F1H1C104A143	C 0.1UF , 16V	
	C2514	FLJ1A106A087	C 10UF , 10V	
	C2750	F1G1C104A116	C 0.1UF , 16V	
	C2751	F1G1H102A730	C 1000PF , 50V	
	C2752	F1G1H102A730	C 1000PF , 50V	
	C2753	F1G1H102A730	C 1000PF , 50V	
	C2756	F1G1C104A116	C 0.1UF , 16V	
	C2757	F1G1H102A730	C 1000PF , 50V	
	C2762	F1G1H102A730	C 1000PF , 50V	
	C2775	F1G1H101A731	C 100PF , 50V	
	C2778	F1G1C104A116	C 0.1UF , 16V	
	C2779	FLK1C106A126	C 10UF , 16V	
	C2781	F1G1H102A730	C 1000PF , 50V	
	C2905	F2H1A101A009	C 100UF , 10V	
	C2907	F1G1C104A116	C 0.1UF , 16V	
	C2909	F1G1C104A116	C 0.1UF , 16V	
	C2910	F1G1C104A116	C 0.1UF , 16V	
	C2911	F1G1C104A116	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C2950	FLJ0J4750004	C 4.7UF , 6.3V	
	C2951	FLJ0J4750004	C 4.7UF , 6.3V	
	C2961	F1H1A105A025	C 1UF , 10V	
	C3003	F1G1C104A116	C 0.1UF , 16V	
	C3004	F1G1C104A116	C 0.1UF , 16V	
	C3011	FLJ1A106A087	C 10UF , 10V	
	C3015	FLJ1A106A087	C 10UF , 10V	
	C3016	F1G1C104A116	C 0.1UF , 16V	
	C3018	F1G1C104A116	C 0.1UF , 16V	
	C3019	F1G1C104A116	C 0.1UF , 16V	
	C3022	F1H1A105A025	C 1UF , 10V	
	C3023	F1H1A105A025	C 1UF , 10V	
	C3024	FLJ1A106A087	C 10UF , 10V	
	C3025	FLJ1A106A087	C 10UF , 10V	
	C3026	FLJ1A106A087	C 10UF , 10V	
	C3105	F1G1H561A730	C 560PF , 50V	
	C3106	F1G1H561A730	C 560PF , 50V	
	C3108	F1G1H561A730	C 560PF , 50V	
	C3109	F1G1H561A730	C 560PF , 50V	
	C3111	F1H1A105A025	C 1UF , 10V	
	C3112	F1H1A105A025	C 1UF , 10V	
	C3113	FLJ1A106A087	C 10UF , 10V	
	C3116	FLJ1A106A087	C 10UF , 10V	
	C3117	FLJ1A106A087	C 10UF , 10V	
	C3118	FLJ1A106A087	C 10UF , 10V	
	C3119	F2H1A101A009	C 100UF , 10V	
	C3122	F2H1A101A009	C 100UF , 10V	
	C3123	FLJ1A106A087	C 10UF , 10V	
	C3137	F1G1H561A730	C 560PF , 50V	
	C3138	F1G1H561A730	C 560PF , 50V	
	C3149	F1H1A105A025	C 1UF , 10V	
	C3150	F1H1A105A025	C 1UF , 10V	
	C3153	F1G1H561A730	C 560PF , 50V	
	C3154	F1G1H561A730	C 560PF , 50V	
	C3155	F1G1H561A730	C 560PF , 50V	
	C3156	F1G1H561A730	C 560PF , 50V	
	C3157	F1H1A105A025	C 1UF , 10V	
	C3158	F1H1A105A025	C 1UF , 10V	
	C3159	FLJ1A106A087	C 10UF , 10V	
	C3160	FLJ1A106A087	C 10UF , 10V	
	C3161	FLJ1A106A087	C 10UF , 10V	
	C3162	FLJ1A106A087	C 10UF , 10V	
	C3163	FLJ1A106A087	C 10UF , 10V	
	C3164	FLJ1A106A087	C 10UF , 10V	
	C3165	FLJ1A106A087	C 10UF , 10V	
	C4546	F1H0J1050013	C 1UF , 6.3V	
	C4547	F1H0J1050013	C 1UF , 6.3V	
	C4660	F1H0J1050013	C 1UF , 6.3V	
	C4661	F1H0J1050013	C 1UF , 6.3V	
	C4662	F1H0J1050013	C 1UF , 6.3V	
	C4663	F1H0J1050013	C 1UF , 6.3V	
	C4664	F1H0J1050013	C 1UF , 6.3V	
	C4665	F1H0J1050013	C 1UF , 6.3V	
	C4666	F1H0J1050013	C 1UF , 6.3V	
	C4667	F1H0J1050013	C 1UF , 6.3V	
	C4701	F1G1C104A116	C 0.1UF , 16V	
	C4704	F1G1C104A116	C 0.1UF , 16V	
	C4707	F1G1C104A116	C 0.1UF , 16V	
	C4868	F1H1H103A970	C 0.01UF , 50V	
	C4869	F1H1H103A970	C 0.01UF , 50V	
	C4870	F2G1C470A022	C 47UF , 16V	
	C5000	F1H1A105A025	C 1UF , 10V	
	C5006	FLJ1C475A170	C 4.7UF , 16V	
	C5008	FLJ1A106A087	C 10UF , 10V	
	C5012	F1H1A105A025	C 1UF , 10V	
	C5017	F1H1A105A025	C 1UF , 10V	
	C5020	F1G1C104A116	C 0.1UF , 16V	
	C5021	F1H1A105A025	C 1UF , 10V	
	C5026	F1H1C105A145	C 1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C5050	F1H1A105A025	C 1UF , 10V	
	C5201	F1J1E105A231	C 1UF , 25V	
	C5203	F1J1E105A231	C 1UF , 25V	
	C5220	F1J1E105A231	C 1UF , 25V	
	C5221	F1J1E105A231	C 1UF , 25V	
	C5241	F1J1H474A757	C 0.47UF , 50V	
	C5280	F1H1A105A025	C 1UF , 10V	
	C5281	F1H1A105A025	C 1UF , 10V	
	C5300	F1K1E106A136	C 10UF , 25V	
	C5301	F1K1E106A136	C 10UF , 25V	
	C5302	F1H1E104A129	C 0.1UF , 25V	
	C5303	F1J1A106A087	C 10UF , 10V	
	C5304	F1J1A106A087	C 10UF , 10V	
	C5305	F1J1A106A087	C 10UF , 10V	
	C5306	F1J1A106A087	C 10UF , 10V	
	C5307	F1G1E682A123	C 6800PF , 25V	
	C5308	F1G1E103A123	C 0.01UF , 25V	
	C5500	F1G1E682A123	C 6800PF , 25V	
	C5501	F1G1A154A053	C 0.15UF , 10V	
	C5502	F1J1A475A087	C 4.7UF , 10V	
	C5503	F1H1C105A145	C 1UF , 16V	
	C5504	F1G1E682A123	C 6800PF , 25V	
	C5505	F1J1A475A087	C 4.7UF , 10V	
	C5506	F1H1C105A145	C 1UF , 16V	
	C5507	F1G1A393A053	C 0.039UF , 10V	
	C5508	F1H1C104A143	C 0.1UF , 16V	
	C5509	F1H1C104A143	C 0.1UF , 16V	
	C5510	F1H1C104A143	C 0.1UF , 16V	
	C5511	F1H1C104A143	C 0.1UF , 16V	
	C5516	F1K1E106A136	C 10UF , 25V	
	C5517	F1K1E106A136	C 10UF , 25V	
	C5519	F1K1E106A136	C 10UF , 25V	
	C5520	F1K1E106A136	C 10UF , 25V	
	C5521	F1K1E106A136	C 10UF , 25V	
	C5522	F1K1E106A136	C 10UF , 25V	
	C5523	F1K1E106A136	C 10UF , 25V	
	C5526	F1K1E106A136	C 10UF , 25V	
	C5528	F1K0J226A008	C 22UF , 6.3V	
	C5529	F1K0J226A008	C 22UF , 6.3V	
	C5530	F1K0J226A008	C 22UF , 6.3V	
	C5531	F1K0J226A008	C 22UF , 6.3V	
	C5532	F1K0J226A008	C 22UF , 6.3V	
	C5533	F1K0J226A008	C 22UF , 6.3V	
	C5534	F1K0J226A008	C 22UF , 6.3V	
	C5535	F1K0J226A008	C 22UF , 6.3V	
	C5536	F1K0J226A008	C 22UF , 6.3V	
	C5537	F1K0J226A008	C 22UF , 6.3V	
	C5538	F1K0J226A008	C 22UF , 6.3V	
	C5539	F1K0J226A008	C 22UF , 6.3V	
	C5649	F1H1A105A025	C 1UF , 10V	
	C5650	F1H1A225A051	C 2.2UF , 10V	
	C5651	F1J1A475A039	C 4.7UF , 10V	
	C5652	F1J1A475A039	C 4.7UF , 10V	
⚠	C7002	F0CAF224A066	P 0.22UF , 240V	
⚠	C7003	F0CAF224A066	P 0.22UF , 240V	
⚠	C7006	F0CAF224A066	P 0.22UF , 240V	
⚠	C7008	F1A2E471A003	C 470PF , 240V	
⚠	C7009	F1A2E471A003	C 470PF , 240V	
	C7206	F1J1H221A834	C 220PF , 50V	
	C7207	F1J1H224A839	C 0.22UF , 50V	
	C7208	F1J1C475A170	C 4.7UF , 16V	
	C7209	F1H1H104A970	C 0.1UF , 50V	
	C7210	F1H1H222A219	C 2200PF , 50V	
	C7211	F1H1H102A219	C 1000PF , 50V	
	C7213	ECKW3D471KBP	C 470PF , K, 2KV	
	C7214	F2A2W1710001	C 170UF , 450V	
	C7217	F0CZZ105A097	C 1UF , 250V	
	C7302	F1J1A106A087	C 10UF , 10V	
	C7303	F2A1H220A115	E 22UF , 50V	
	C7304	F2A1H1010047	E 100UF , 50V	
	C7305	F1J1H103A834	C 0.01UF , 50V	
	C7306	F1J1E105A231	C 1UF , 25V	
	C7307	F1J1H104A717	C 0.1UF , 50V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C7308	F1J1H474A757	C 0.47UF , 50V	
	C7309	F1J1C1050028	C 1UF , 16V	
	C7310	F1A3A471A060	C 470PF , 1kV	
	C7311	F1J1H681A834	C 680PF , 50V	
	C7312	F0C2K333A035	C 0.033UF , 800V	
	C7313	F1A2E471A003	C 470PF , 250V	
	C7314	F1A3A471A060	C 470PF , 1kV	
	C7315	F1A3A100A058	C 10PF , 1kV	
	C7316	F1A3A100A058	C 10PF , 1kV	
	C7317	F1A3A101A060	C 100PF , 1kV	
	C7318	F1J1H101A836	C 100PF , 50V	
	C7401	F2A2W2200020	E 22UF , 450V	
	C7402	ECQE2103KFW	C 0.01UF , 250V	
	C7404	F1J1H474A757	C 0.47UF , 50V	
	C7405	F1J1H103A834	C 0.01UF , 50V	
	C7406	F2A1H220A115	E 22UF , 50V	
	C7407	F2A1E101A089	E 100UF , 25V	
	C7409	F1J1H102A834	C 1000PF , 50V	
	C7411	F1A2E102A004	C 1000PF , 250V	
	C7412	F1A2E102A004	C 1000PF , 250V	
	C7420	ECQE6103KF	P 0.01UF , 630V	
	C7421	F1J1H103A834	C 0.01UF , 50V	
	C7501	F1J1E224A227	C 0.22UF , 25V	
	C7502	F2A1E102A100	E 1000UF , 25V	
	C7503	F2A1V102A465	C 1000UF , 35V	
	C7505	F2A1V102A465	C 1000UF , 35V	
	C7506	F1J1H104A717	C 0.1UF , 50V	
	C7507	F1J1H104A717	C 0.1UF , 50V	
	C7508	F2A1C222A117	E 2200UF , 16V	
	C7510	F1A3A102A060	C 1000PF , 1kV	
	C7511	F1A3A102A060	C 1000PF , 1kV	
	C7512	F1A3A102A060	C 1000PF , 1kV	
	C7513	F1A3A102A060	C 1000PF , 1kV	
	C7514	F1J1H102A834	C 1000PF , 50V	
	C7515	F1J1H102A834	C 1000PF , 50V	
	C7516	F1J1H102A834	C 1000PF , 50V	
	C7517	F2A1E102A100	E 1000UF , 25V	
	C7518	F1A3A102A060	C 1000PF , 1kV	
	C7601	F2A1A102A118	E 1000UF , 10V	
	C7602	F1J1H474A757	C 0.47UF , 50V	
	C7605	F1J1H104A717	C 0.1UF , 50V	
	C7606	F1J1H104A717	C 0.1UF , 50V	
	C7607	F1A3A102A060	C 1000PF , 1kV	
	C7701	F1J1E105A231	C 1UF , 25V	
	C7702	F1J1H104A717	C 0.1UF , 50V	
	C7703	F1J1E3340003	C 0.33UF , 25V	
	C7754	F1J1H102A834	C 1000PF , 50V	
	C8000	F1J1A106A043	C 10UF , 10V	
	C8001	F1J1A106A043	C 10UF , 10V	
	C8002	ECGRL0G680ER	C 68UF , 4V	
	C8003	F1J1A106A043	C 10UF , 10V	
	C8004	F1G1C104A116	C 0.1UF , 16V	
	C8005	F1J1A106A043	C 10UF , 10V	
	C8006	F1J1A106A043	C 10UF , 10V	
	C8008	F1J1A106A043	C 10UF , 10V	
	C8009	F1J1A106A087	C 10UF , 10V	
	C8010	F1G1C104A116	C 0.1UF , 16V	
	C8011	F1G1C104A116	C 0.1UF , 16V	
	C8012	F1G1C104A116	C 0.1UF , 16V	
	C8013	F1G1C104A116	C 0.1UF , 16V	
	C8015	F1J1A106A043	C 10UF , 10V	
	C8016	F1G1C104A116	C 0.1UF , 16V	
	C8017	F1J1A106A087	C 10UF , 10V	
	C8018	F1G1C104A116	C 0.1UF , 16V	
	C8019	F1G1C104A116	C 0.1UF , 16V	
	C8020	F1G1C104A116	C 0.1UF , 16V	
	C8021	F1G1C104A116	C 0.1UF , 16V	
	C8022	F1G1C104A116	C 0.1UF , 16V	
	C8023	F1G1C104A116	C 0.1UF , 16V	
	C8024	F1G1C104A116	C 0.1UF , 16V	
	C8025	F1G1C104A116	C 0.1UF , 16V	
	C8026	F1G1H471A730	C 470PF , 50V	
	C8027	F1G1A105A047	C 1UF , 10V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8028	F1G1C104A116	C 0.1UF , 16V	
	C8029	F1G1C104A116	C 0.1UF , 16V	
	C8030	F1G1C104A116	C 0.1UF , 16V	
	C8031	F1G1C104A116	C 0.1UF , 16V	
	C8032	F1G1H471A730	C 470PF , 50V	
	C8033	F1G1C104A116	C 0.1UF , 16V	
	C8034	F1G1C104A116	C 0.1UF , 16V	
	C8035	F1G1C104A116	C 0.1UF , 16V	
	C8036	F1G1A105A047	C 1UF , 10V	
	C8037	F1G1C104A116	C 0.1UF , 16V	
	C8038	F1G1C104A116	C 0.1UF , 16V	
	C8039	F1G1C104A116	C 0.1UF , 16V	
	C8040	F1G1C104A116	C 0.1UF , 16V	
	C8042	F1G1C104A116	C 0.1UF , 16V	
	C8043	F1G1C104A116	C 0.1UF , 16V	
	C8044	F1G1C104A116	C 0.1UF , 16V	
	C8045	F1G1A105A047	C 1UF , 10V	
	C8046	F1G1C104A116	C 0.1UF , 16V	
	C8048	F1G1C104A116	C 0.1UF , 16V	
	C8049	F1G1C104A116	C 0.1UF , 16V	
	C8050	F1G1C104A116	C 0.1UF , 16V	
	C8051	F1G1A105A047	C 1UF , 10V	
	C8052	F1G1C104A116	C 0.1UF , 16V	
	C8053	F1G1C104A116	C 0.1UF , 16V	
	C8054	F1G1A105A047	C 1UF , 10V	
	C8055	F1G1C104A116	C 0.1UF , 16V	
	C8056	F1G1C104A116	C 0.1UF , 16V	
	C8057	F1G1A105A047	C 1UF , 10V	
	C8058	F1H0J2250008	C 2.2UF , 10V	
	C8059	F1H0J2250008	C 2.2UF , 10V	
	C8060	F1H0J2250008	C 2.2UF , 10V	
	C8061	F1J1A106A043	C 10UF , 10V	
	C8062	F1G1C104A116	C 0.1UF , 16V	
	C8063	F1G1C104A116	C 0.1UF , 16V	
	C8064	F1G1A105A047	C 1UF , 10V	
	C8065	F1G1C104A116	C 0.1UF , 16V	
	C8066	F1G1C104A116	C 0.1UF , 16V	
	C8067	F1G1C104A116	C 0.1UF , 16V	
	C8068	F1G1C104A116	C 0.1UF , 16V	
	C8069	F1G1C104A116	C 0.1UF , 16V	
	C8070	F1G1C104A116	C 0.1UF , 16V	
	C8071	F1G1C104A116	C 0.1UF , 16V	
	C8072	F1G1C104A116	C 0.1UF , 16V	
	C8073	F1G1C104A116	C 0.1UF , 16V	
	C8074	F1G1C104A116	C 0.1UF , 16V	
	C8075	F1G1C104A116	C 0.1UF , 16V	
	C8076	F1G1C104A116	C 0.1UF , 16V	
	C8077	F1G1C104A116	C 0.1UF , 16V	
	C8078	F1G1C104A116	C 0.1UF , 16V	
	C8079	F1G1C104A116	C 0.1UF , 16V	
	C8082	F1J1A106A043	C 10UF , 10V	
	C8083	F1H0J2250008	C 2.2UF , 10V	
	C8084	F1J1A106A043	C 10UF , 10V	
	C8085	F1J1A106A043	C 10UF , 10V	
	C8087	F1G1C104A116	C 0.1UF , 16V	
	C8088	F1G1C104A116	C 0.1UF , 16V	
	C8089	F1G1C104A116	C 0.1UF , 16V	
	C8090	F1G1C104A116	C 0.1UF , 16V	
	C8091	F1G1C104A116	C 0.1UF , 16V	
	C8092	F1G1C104A116	C 0.1UF , 16V	
	C8094	F1G1C104A116	C 0.1UF , 16V	
	C8096	F1G1C104A116	C 0.1UF , 16V	
	C8099	F1J1A106A043	C 10UF , 10V	
	C8100	F1J1A106A043	C 10UF , 10V	
	C8101	F1J1A106A043	C 10UF , 10V	
	C8102	F1J1A106A043	C 10UF , 10V	
	C8103	F1J1A106A043	C 10UF , 10V	
	C8104	F1J1A106A043	C 10UF , 10V	
	C8105	F1J1A106A043	C 10UF , 10V	
	C8106	F1H0J2250008	C 2.2UF , 10V	
	C8107	F1H0J2250008	C 2.2UF , 10V	
	C8109	F1G1C104A116	C 0.1UF , 16V	
	C8110	F1G1C104A116	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8111	F1G1C104A116	C 0.1UF , 16V	
	C8112	F1G1C104A116	C 0.1UF , 16V	
	C8113	F1G1C104A116	C 0.1UF , 16V	
	C8114	F1G1C104A116	C 0.1UF , 16V	
	C8115	F1G1C104A116	C 0.1UF , 16V	
	C8116	F1G1C104A116	C 0.1UF , 16V	
	C8117	F1G1C104A116	C 0.1UF , 16V	
	C8118	F1G1H5R0A732	C 5PF , 50V	
	C8119	F1G1C104A116	C 0.1UF , 16V	
	C8120	F1G1C104A116	C 0.1UF , 16V	
	C8121	F1G1C104A116	C 0.1UF , 16V	
	C8122	F1G1C104A116	C 0.1UF , 16V	
	C8123	F1G1C104A116	C 0.1UF , 16V	
	C8124	F1G1C103A116	C 0.01UF , 16V	
	C8126	F1G1C104A116	C 0.1UF , 16V	
	C8127	F1G1C104A116	C 0.1UF , 16V	
	C8129	F1G1C104A116	C 0.1UF , 16V	
	C8130	F1G1C104A116	C 0.1UF , 16V	
	C8131	F1G1C104A116	C 0.1UF , 16V	
	C8135	F1G1H5R0A732	C 5PF , 50V	
	C8136	F1G1C104A116	C 0.1UF , 16V	
	C8137	F1G1C104A116	C 0.1UF , 16V	
	C8138	F1G1C104A116	C 0.1UF , 16V	
	C8139	F1G1C104A116	C 0.1UF , 16V	
	C8140	F1G1C104A116	C 0.1UF , 16V	
	C8141	F1G1C104A116	C 0.1UF , 16V	
	C8142	F1G1C104A116	C 0.1UF , 16V	
	C8143	F1G1C104A116	C 0.1UF , 16V	
	C8144	F1G1C104A116	C 0.1UF , 16V	
	C8145	F1G1C104A116	C 0.1UF , 16V	
	C8146	F1G1C104A116	C 0.1UF , 16V	
	C8147	F1G1C104A116	C 0.1UF , 16V	
	C8148	F1G1A105A047	C 1UF , 10V	
	C8149	F1G1A105A047	C 1UF , 10V	
	C8150	F1G1H8R0A732	C 8PF , 50V	
	C8151	F1G1H8R0A732	C 8PF , 50V	
	C8154	F1G1C103A116	C 0.01UF , 16V	
	C8155	F1G1H120A731	C 12PF , 50V	
	C8156	F1G1HR50A577	C 0.5PF , 50V	
	C8157	F1G1C104A116	C 0.1UF , 16V	
	C8158	F1G1C104A116	C 0.1UF , 16V	
	C8159	F1J1A106A043	C 10UF , 10V	
	C8160	F1H1A1050002	C 1UF , 50V	
	C8163	F1G1H100A731	C 10PF , 50V	
	C8240	F1G1C104A116	C 0.1UF , 16V	
	C8241	F1G1C104A116	C 0.1UF , 16V	
	C8242	F1G1C104A116	C 0.1UF , 16V	
	C8243	F1G1H3R0A732	C 3PF , 50V	
	C8246	F1G1A105A047	C 1UF , 10V	
	C8247	F1G1C104A116	C 0.1UF , 16V	
	C8248	F1G1C104A116	C 0.1UF , 16V	
	C8249	F1G1C104A116	C 0.1UF , 16V	
	C8250	F1G1C104A116	C 0.1UF , 16V	
	C8251	ECGRLOG680ER	C 68UF , 4V	
	C8252	F1J1A106A087	C 10UF , 10V	
	C8253	F1G1C104A116	C 0.1UF , 16V	
	C8254	F1G1A105A047	C 1UF , 10V	
	C8255	F1G1A105A047	C 1UF , 10V	
	C8256	F1G1A105A047	C 1UF , 10V	
	C8257	F1G1C104A116	C 0.1UF , 16V	
	C8258	F1G1C104A116	C 0.1UF , 16V	
	C8259	F1G1A105A047	C 1UF , 10V	
	C8260	F1G1C104A116	C 0.1UF , 16V	
	C8261	F1G1C104A116	C 0.1UF , 16V	
	C8262	F1G1C104A116	C 0.1UF , 16V	
	C8263	F1G1A105A047	C 1UF , 10V	
	C8264	F1G1A105A047	C 1UF , 10V	
	C8265	F1G1C104A116	C 0.1UF , 16V	
	C8266	F1G1C104A116	C 0.1UF , 16V	
	C8267	F1G1C104A116	C 0.1UF , 16V	
	C8268	F1G1C104A116	C 0.1UF , 16V	
	C8269	F1G1C104A116	C 0.1UF , 16V	
	C8270	F1G1C104A116	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8271	ECGRL0G680ER	C 68UF , 4V	
	C8272	F1J1A106A087	C 10UF , 10V	
	C8273	F1G1A105A047	C 1UF , 10V	
	C8274	F1G1C104A116	C 0.1UF , 16V	
	C8275	F1G1A105A047	C 1UF , 10V	
	C8276	F1G1C104A116	C 0.1UF , 16V	
	C8277	F1G1C104A116	C 0.1UF , 16V	
	C8278	F1G1A105A047	C 1UF , 10V	
	C8279	F1G1C104A116	C 0.1UF , 16V	
	C8280	F1G1C104A116	C 0.1UF , 16V	
	C8281	F1G1A105A047	C 1UF , 10V	
	C8282	F1G1C104A116	C 0.1UF , 16V	
	C8283	F1G1A105A047	C 1UF , 10V	
	C8284	F1G1A105A047	C 1UF , 10V	
	C8285	F1G1A105A047	C 1UF , 10V	
	C8286	F1G1A105A047	C 1UF , 10V	
	C8289	F1G1C104A116	C 0.1UF , 16V	
	C8290	F1G1C104A116	C 0.1UF , 16V	
	C8291	F1G1C104A116	C 0.1UF , 16V	
	C8292	F1G1C104A116	C 0.1UF , 16V	
	C8293	F1G1C104A116	C 0.1UF , 16V	
	C8300	F1G1C104A116	C 0.1UF , 16V	
	C8301	F1G1C104A116	C 0.1UF , 16V	
	C8303	F1G1C104A116	C 0.1UF , 16V	
	C8304	F1G1H100A731	C 10PF , 50V	
	C8305	F1G1H100A731	C 10PF , 50V	
	C8306	F1G1C104A116	C 0.1UF , 16V	
	C8308	F1G1C104A116	C 0.1UF , 16V	
	C8309	F1G1C104A116	C 0.1UF , 16V	
	C8310	F1G1C104A116	C 0.1UF , 16V	
	C8311	F1J1A106A087	C 10UF , 10V	
	C8314	F1G1C104A116	C 0.1UF , 16V	
	C8315	F1G1C104A116	C 0.1UF , 16V	
	C8316	F1G1C104A116	C 0.1UF , 16V	
	C8317	F1G1C104A116	C 0.1UF , 16V	
	C8318	F1G1C104A116	C 0.1UF , 16V	
	C8319	F1G1C104A116	C 0.1UF , 16V	
	C8320	F1H1A105A025	C 1UF , 10V	
	C8321	F1H1A225A051	C 2.2UF , 10V	
	C8322	F1G1C104A116	C 0.1UF , 16V	
	C8324	F1G1H560A731	C 56PF , 50V	
	C8325	F1G1H560A731	C 56PF , 50V	
	C8600	F1G1H102A730	C 1000PF , 50V	
	C8701	F1J1A106A087	C 10UF , 10V	
	C8702	F1G1C104A116	C 0.1UF , 16V	
	C8711	F1J1A106A087	C 10UF , 10V	
	C8712	F1G1C104A116	C 0.1UF , 16V	
	C8713	F1G1C104A116	C 0.1UF , 16V	
	C8714	F1G1H101A731	C 100PF , 50V	
	C8717	F1J1A106A087	C 10UF , 10V	
	C8718	F1G1C104A116	C 0.1UF , 16V	
	C8719	F1G1C104A116	C 0.1UF , 16V	
	C8720	F1G1C104A116	C 0.1UF , 16V	
	C8721	F1G1C104A116	C 0.1UF , 16V	
	C8722	F1J1A106A087	C 10UF , 10V	
	C8726	F1J1A106A087	C 10UF , 10V	
	C8727	F1G1C104A116	C 0.1UF , 16V	
	C8728	EEH0J221UP	C 220UF , 6.3V	
	C8731	F1G1C104A116	C 0.1UF , 16V	
	C8739	F1G1C103A116	C 0.01UF , 16V	
	C8740	F1J1A106A087	C 10UF , 10V	
	C8741	F1G1A105A047	C 1UF , 10V	
	C8742	F1G1A105A047	C 1UF , 10V	
	C8744	EEH0J221UP	C 220UF , 6.3V	
	C8747	F1G1C104A116	C 0.1UF , 16V	
	C8801	F1G1C104A116	C 0.1UF , 16V	
	C8803	F1G1C104A116	C 0.1UF , 16V	
	C8853	F1G1C104A116	C 0.1UF , 16V	
	C8854	F1G1C104A116	C 0.1UF , 16V	
	C8860	F2G1C470A022	E 47UF , 16V	
	C8861	F1G1C104A116	C 0.1UF , 16V	
	C8862	F1G1C103A116	C 0.01UF , 16V	
	C8863	F1J0G226A001	C 22UF , 4V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C8922	F1G1C104A116	C 0.1UF , 16V	
	C8923	F1G1C104A116	C 0.1UF , 16V	
	C8950	F1G1C103A116	C 0.01UF , 16V	
	C9001	F1H1H103A970	C 0.01UF , 50V	
	C9002	F1K1E4750002	C 4.7UF , 25V	
	C9003	F1K1E4750002	C 4.7UF , 25V	
	C9028	F1G1H150A731	C 15PF , 50V	
	C9029	F1G1H180A731	C 18PF , 50V	
	C9033	F1H0J1050013	C 1UF , 6.3V	
	C9036	F1J1A106A087	C 10UF , 10V	
	C9037	F1G1C104A116	C 0.1UF , 16V	
	C9038	F1G1C104A116	C 0.1UF , 16V	
	C9039	F1G1C104A116	C 0.1UF , 16V	
	C9040	F1G1C104A116	C 0.1UF , 16V	
	C9041	F1G1C104A116	C 0.1UF , 16V	
	C9042	F1J1A106A087	C 10UF , 10V	
	C9043	F1J1A106A087	C 10UF , 10V	
	C9044	F1H0J1050013	C 1UF , 6.3V	
	C9045	F1H0J1050013	C 1UF , 6.3V	
	C9046	F1G1C104A116	C 0.1UF , 16V	
	C9047	F1G1C104A116	C 0.1UF , 16V	
	C9048	F1G1C104A116	C 0.1UF , 16V	
	C9049	F1G1C104A116	C 0.1UF , 16V	
	C9050	F1G1C104A116	C 0.1UF , 16V	
	C9051	F1G1C104A116	C 0.1UF , 16V	
	C9052	F1J1A106A087	C 10UF , 10V	
	C9053	F1G1C104A116	C 0.1UF , 16V	
	C9054	F1G1C104A116	C 0.1UF , 16V	
	C9055	F1G1C104A116	C 0.1UF , 16V	
	C9056	F1G1C104A116	C 0.1UF , 16V	
	C9057	F1G1C104A116	C 0.1UF , 16V	
	C9058	F1G1C104A116	C 0.1UF , 16V	
	C9059	F1J1A106A087	C 10UF , 10V	
	C9060	F1H0J1050013	C 1UF , 6.3V	
	C9061	F1H0J1050013	C 1UF , 6.3V	
	C9062	F1G1C104A116	C 0.1UF , 16V	
	C9063	F1G1C104A116	C 0.1UF , 16V	
	C9064	F1G1C104A116	C 0.1UF , 16V	
	C9065	F1G1C104A116	C 0.1UF , 16V	
	C9066	F1G1C104A116	C 0.1UF , 16V	
	C9067	F1G1C104A116	C 0.1UF , 16V	
	C9068	F1J0J106A004	C 10UF , 6.3V	
	C9069	F1G1C104A116	C 0.1UF , 16V	
	C9070	F1G1C104A116	C 0.1UF , 16V	
	C9071	F1G1C104A116	C 0.1UF , 16V	
	C9072	F1G1C104A116	C 0.1UF , 16V	
	C9073	F1H0J1050013	C 1UF , 6.3V	
	C9074	F1G1C104A116	C 0.1UF , 16V	
	C9075	F1G1C104A116	C 0.1UF , 16V	
	C9076	F1G1C104A116	C 0.1UF , 16V	
	C9077	F1G1C104A116	C 0.1UF , 16V	
	C9078	F1J0J106A004	C 10UF , 6.3V	
	C9079	F1G1C104A116	C 0.1UF , 16V	
	C9080	F1G1C104A116	C 0.1UF , 16V	
	C9081	F1G1C104A116	C 0.1UF , 16V	
	C9082	F1G1C104A116	C 0.1UF , 16V	
	C9083	F1H0J1050013	C 1UF , 6.3V	
	C9084	F1G1C104A116	C 0.1UF , 16V	
	C9085	F1G1C104A116	C 0.1UF , 16V	
	C9086	F1G1C104A116	C 0.1UF , 16V	
	C9087	F1G1C104A116	C 0.1UF , 16V	
	C9088	F1G1C104A116	C 0.1UF , 16V	
	C9089	F1G1C104A116	C 0.1UF , 16V	
	C9090	F1G1C104A116	C 0.1UF , 16V	
	C9091	F1G1C104A116	C 0.1UF , 16V	
	C9092	F1G1C104A116	C 0.1UF , 16V	
	C9093	F1G1C104A116	C 0.1UF , 16V	
	C9094	F1G1C104A116	C 0.1UF , 16V	
	C9095	F1G1C104A116	C 0.1UF , 16V	
	C9097	F1G1C104A116	C 0.1UF , 16V	
	C9098	F1G1C104A116	C 0.1UF , 16V	
	C9099	F1G1C103A116	C 0.01UF , 16V	
	C9100	F1G1H102A730	C 1000PF , 50V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C9101	FLJ1A475A087	C 4.7UF , 10V	
	C9102	F1H1C105A145	C 1UF , 16V	
	C9103	F1G1H102A730	C 1000PF , 50V	
	C9104	F1H1C104A143	C 0.1UF,K, 16V	
	C9105	F1H1C104A143	C 0.1UF,K, 16V	
	C9106	FLK1E106A136	C 10UF , 25V	
	C9107	FLK1E106A136	C 10UF , 25V	
	C9108	FLK1E106A136	C 10UF , 25V	
	C9109	FLK1E106A136	C 10UF , 25V	
	C9112	FLK0J226A008	C 22UF , 6.3V	
	C9113	FLK0J226A008	C 22UF , 6.3V	
	C9114	FLK0J226A008	C 22UF , 6.3V	
	C9115	FLK0J226A008	C 22UF , 6.3V	
	C9116	FLK0J226A008	C 22UF , 6.3V	
	C9117	FLK0J226A008	C 22UF , 6.3V	
	C9119	FLJ1E105A231	C 1UF , 25V	
	C9125	FLG1C103A116	C 0.01UF , 16V	
	C9126	FLG1C104A116	C 0.1UF , 16V	
	C9127	FLG1C104A116	C 0.1UF , 16V	
	C9128	FLG1C104A116	C 0.1UF , 16V	
	C9129	FLG1C104A116	C 0.1UF , 16V	
	C9130	FLG1C104A116	C 0.1UF , 16V	
	C9131	FLG1C104A116	C 0.1UF , 16V	
	C9132	FLG1C104A116	C 0.1UF , 16V	
	C9133	FLG1C104A116	C 0.1UF , 16V	
	C9134	FLG1C104A116	C 0.1UF , 16V	
	C9135	FLG1C104A116	C 0.1UF , 16V	
	C9136	FLG1C104A116	C 0.1UF , 16V	
	C9137	FLG1C104A116	C 0.1UF , 16V	
	C9138	FLG1C104A116	C 0.1UF , 16V	
	C9139	FLG1C104A116	C 0.1UF , 16V	
	C9140	FLG1C104A116	C 0.1UF , 16V	
	C9141	FLG1C104A116	C 0.1UF , 16V	
	C9142	FLG1C104A116	C 0.1UF , 16V	
	C9143	FLG1C104A116	C 0.1UF , 16V	
	C9144	FLG1C104A116	C 0.1UF , 16V	
	C9145	FLG1C104A116	C 0.1UF , 16V	
	C9146	FLG1C104A116	C 0.1UF , 16V	
	C9147	FLG1C104A116	C 0.1UF , 16V	
	C9152	FLG1C104A116	C 0.1UF , 16V	
	C9153	FLG1C104A116	C 0.1UF , 16V	
	C9154	FLG1C104A116	C 0.1UF , 16V	
	C9201	FLG1C104A116	C 0.1UF , 16V	
	C9202	FLG1C104A116	C 0.1UF , 16V	
	C9203	FLG1C104A116	C 0.1UF , 16V	
	C9204	FLG1C104A116	C 0.1UF , 16V	
	C9205	FLG1C104A116	C 0.1UF , 16V	
	C9206	FLG1C104A116	C 0.1UF , 16V	
	C9207	FLG1C104A116	C 0.1UF , 16V	
	C9208	FLG1C104A116	C 0.1UF , 16V	
	C9209	FLG1C104A116	C 0.1UF , 16V	
	C9210	FLG1C104A116	C 0.1UF , 16V	
	C9211	FLG1C104A116	C 0.1UF , 16V	
	C9212	FLG1C104A116	C 0.1UF , 16V	
	C9213	FLG1C104A116	C 0.1UF , 16V	
	C9214	FLG1C104A116	C 0.1UF , 16V	
	C9215	FLG1C104A116	C 0.1UF , 16V	
	C9216	FLG1C104A116	C 0.1UF , 16V	
	C9217	FLG1C104A116	C 0.1UF , 16V	
	C9218	FLG1C104A116	C 0.1UF , 16V	
	C9219	FLG1C104A116	C 0.1UF , 16V	
	C9220	FLG1C104A116	C 0.1UF , 16V	
	C9221	FLG1C104A116	C 0.1UF , 16V	
	C9222	FLG1C104A116	C 0.1UF , 16V	
	C9223	FLG1C104A116	C 0.1UF , 16V	
	C9224	FLG1C104A116	C 0.1UF , 16V	
	C9225	FLG1C104A116	C 0.1UF , 16V	
	C9226	FLG1C104A116	C 0.1UF , 16V	
	C9227	FLG1C104A116	C 0.1UF , 16V	
	C9228	FLG1C104A116	C 0.1UF , 16V	
	C9229	FLG1C104A116	C 0.1UF , 16V	
	C9230	FLG1C104A116	C 0.1UF , 16V	
	C9231	FLG1C104A116	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C9232	FLG1C104A116	C 0.1UF , 16V	
	C9233	FLG1C104A116	C 0.1UF , 16V	
	C9234	FLG1H150A731	C 15PF , 50V	
	C9235	FLG1H150A731	C 15PF , 50V	
	C9236	FLG1C104A116	C 0.1UF , 16V	
	C9237	FLJ1A106A087	C 10UF , 10V	
	C9238	FLJ1A106A087	C 10UF , 10V	
	C9239	FLG1C104A116	C 0.1UF , 16V	
	C9240	FLG1C104A116	C 0.1UF , 16V	
	C9241	FLK1E106A136	C 10UF , 25V	
	C9242	FL1H105A059	C 1UF , 50V	
	C9243	FLK1E106A136	C 10UF , 25V	
	C9247	F1H1C105A145	C 1UF , 16V	
	C9248	FLJ1E105A231	C 1UF , 25V	
	C9249	FL1H105A059	C 1UF , 50V	
	C9250	FLG1H220A731	C 22PF , 50V	
	C9251	FLK1E106A136	C 10UF , 25V	
	C9252	FLK1E106A136	C 10UF , 25V	
	C9254	FLK1E106A136	C 10UF , 25V	
	C9255	FLJ1A106A087	C 10UF , 10V	
	C9256	F1H1H104A970	C 0.1UF , 50V	
	C9257	FLJ1A106A087	C 10UF , 10V	
	C9258	FLJ1A106A087	C 10UF , 10V	
	C9259	FLJ1A106A087	C 10UF , 10V	
	C9260	F1H1E104A129	C 0.1UF , 25V	
	C9261	FLJ1C474A104	C 0.47UF , 16V	
	C9262	F1H1H104A970	C 0.1UF , 50V	
	C9263	FLK1E106A136	C 10UF , 25V	
	C9264	FLK1E106A136	C 10UF , 25V	
	C9265	FLK1E106A136	C 10UF , 25V	
	C9266	FLK1E106A136	C 10UF , 25V	
	C9267	FLK1E106A136	C 10UF , 25V	
	C9268	F1H1E104A129	C 0.1UF , 25V	
	C9269	F1H1H223A970	C 0.022UF , 50V	
	C9270	F1H1E104A129	C 0.1UF , 25V	
	C9271	FLG1H102A730	C 1000PF , 50V	
	C9272	FLK1E106A136	C 10UF , 25V	
	C9273	FLG1H102A730	C 1000PF , 50V	
	C9274	F1H1H104A970	C 0.1UF , 50V	
	C9275	FLK1E106A136	C 10UF , 25V	
	C9276	F1H1H104A970	C 0.1UF , 50V	
	C9277	F1H1H104A970	C 0.1UF , 50V	
	C9278	F1H1H223A970	C 0.022UF , 50V	
	C9279	FLG1H221A731	C 220PF , 50V	
	C9280	FLG1H152A730	C 1500PF , 50V	
	C9283	F1H1H104A970	C 0.1UF , 50V	
	C9284	FLJ1E105A231	C 1UF , 25V	
	C9285	FLK1E106A136	C 10UF , 25V	
	C9286	FLK1E106A136	C 10UF , 25V	
	C9287	F1H1H104A970	C 0.1UF , 50V	
	C9288	FLK1E106A136	C 10UF , 25V	
	C9289	F1H1H104A970	C 0.1UF , 50V	
	C9290	FLK1E106A136	C 10UF , 25V	
	C9291	FLG1H121A731	C 120PF , 50V	
	C9292	FLK1H475A210	C 4.7UF , 50V	
	C9293	FLK1H475A210	C 4.7UF , 50V	
	C9297	FLG1C104A116	C 0.1UF , 16V	
	C9298	FLK1E106A136	C 10UF , 25V	
	C9299	FLJ1A106A043	C 10UF , 10V	
	C9300	F1H1H104A970	C 0.1UF , 50V	
	C9301	F1H1H103A970	C 0.01UF , 50V	
	C9302	F1H1E104A129	C 0.1UF , 25V	
	C9303	FLJ1A106A043	C 10UF , 10V	
	C9304	FLK1E106A136	C 10UF , 25V	
	C9305	F1H1H104A970	C 0.1UF , 50V	
	C9306	F1H1H103A970	C 0.01UF , 50V	
	C9307	F1H1E104A129	C 0.1UF , 50V	
	C9308	FLG1C104A116	C 0.1UF , 16V	
	C9309	FLG1C104A116	C 0.1UF , 16V	
	C9310	FLG1C104A116	C 0.1UF , 16V	
	C9311	FLG1C104A116	C 0.1UF , 16V	
	C9312	FLG1C104A116	C 0.1UF , 16V	
	C9313	FLG1C104A116	C 0.1UF , 16V	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	C9314	F1G1C104A116	C 0.1UF , 16V	
	C9315	F1H1H104A970	C 0.1UF , 50V	
	C9316	F1H1H104A970	C 0.1UF , 50V	
	C9317	F1H1H104A970	C 0.1UF , 50V	
	C9318	F1K1E106A136	C 10UF , 25V	
	C9319	F1K1E106A136	C 10UF , 25V	
	C9325	F1H1H104A970	C 0.1UF , 50V	
	C9329	F1J1E105A231	C 1UF , 25V	
	C9331	F1H1E104A129	C 0.1UF , 25V	
	C9333	F1H1H104A970	C 0.1UF , 50V	
	C9334	F1H1H104A970	C 0.1UF , 50V	
	C9335	F1K1E106A136	C 10UF , 25V	
	C9336	F1H1H104A970	C 0.1UF , 50V	
		DIODES		
	D1100	B0JDCE000015	DIODE	
	D1101	B0JDCE000015	DIODE	
	D2500	B3AGB0000060	LED	
	D2758	EZJZ0V120JA	VARISTOR	
	D2766	DZ2J140M0L	DIODE	
	D2774	DZ2J062M0L	DIODE	
	D2775	DZ2J062M0L	DIODE	
	D2776	DZ2J062M0L	DIODE	
	D2777	DZ2J062M0L	DIODE	
	D2778	DZ2J062M0L	DIODE	
	D2779	DZ2J062M0L	DIODE	
	D2780	DZ2J062M0L	DIODE	
	D3300	K7AAAY000006	DIODE	
	D4702	B0ACCCJ000051	DIODE	
	D4703	DZ2J056M0L	DIODE	
	D4704	B0JDCE000015	DIODE	
	D4719	B0ACCCJ000051	DIODE	
	D4720	DZ2J056M0L	DIODE	
	D4721	B0JDCE000015	DIODE	
	D4735	B0ACCCJ000051	DIODE	
	D4736	DZ2J056M0L	DIODE	
	D4737	B0JDCE000015	DIODE	
	D5002	DZ2J033M0L	DIODE	
	D5050	B0ACCCJ000051	DIODE	
	D5200	B0ACCCJ000051	DIODE	
	D5280	B0JDCE000015	DIODE	
	D5300	B0JCPD000026	DIODE	
	D5420	B0BC01700015	DIODE	
	D5421	B0ACCCJ000051	DIODE	
	D5422	B0BC010A0007	DIODE	
	D5423	B0ACCCJ000051	DIODE	
	D5424	B0BC02400011	DIODE	
	D5425	B0ACCCJ000051	DIODE	
	D5426	B0BC010A0007	DIODE	
	D5427	B0ACCCJ000051	DIODE	
	D5505	B0JCPD000026	DIODE	
	D5605	B0HCMM000014	DIODE	
⚠	D7001	ERZV10V621T2	VARISTOR	
⚠	D7002	ERZV10V621T2	VARISTOR	
	D7102	B0FBAT000008	DIODE	
	D7204	B0FABR000004	DIODE	
	D7207	B0EAKT000012	DIODE	
	D7208	B0JAME000091	DIODE	
	D7209	B0JAME000058	DIODE	
	D7210	B0AACK000004	DIODE	
	D7301	B0JAME000099	DIODE	
	D7302	B0HAGV000004	DIODE	
	D7305	B0BC03900015	DIODE	
	D7306	B0JAME000099	DIODE	
	D7307	B0JAME000099	DIODE	
	D7308	B0BC03900015	DIODE	
	D7309	B0BC03900015	DIODE	
	D7310	B0BC03900015	DIODE	
	D7311	B0BC03900015	DIODE	
	D7312	B0ECKM000051	DIODE	
	D7313	B0BC01100001	DIODE	
	D7314	B0JAME000091	DIODE	
	D7315	B0BC01400017	DIODE	
	D7323	B0AACK000004	DIODE	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	D7401	B0EAKR000016	DIODE	
	D7402	B0EAKT000019	DIODE	
	D7403	B0HAGQ000001	DIODE	
	D7404	B0HAGQ000001	DIODE	
	D7405	B0JAME000091	DIODE	
	D7407	B0EBKT000007	DIODE	
	D7408	B0EAKT000019	DIODE	
	D7409	B0BC01400017	DIODE	
	D7420	B0HAGQ000001	DIODE	
	D7501	B0JBSL000023	DIODE	
	D7503	B0JBSL000026	DIODE	
	D7504	B0JBSL000026	DIODE	
	D7518	B0JBSL000026	DIODE	
	D7601	B0BA01000070	DIODE	
	D7603	B0JAPK000011	DIODE	
	D7702	B0ACCCJ000051	DIODE	
	D7704	B0ACCCJ000051	DIODE	
	D7705	B0BC8R100004	DIODE	
	D7753	B0BC01400017	DIODE	
	D9202	B0ACCCJ000005	DIODE	
	D9203	B0ECKM000051	DIODE	
	D9204	B0JCPE000004	DIODE	
	D9205	B0JCPE000004	DIODE	
	D9206	B0ECKM000051	DIODE	
	D9211	B0HCMM000014	DIODE	
	D9212	B0ECKM000051	DIODE	
	D9213	B0ECKM000051	DIODE	
		INTEGRATED CIRCUITS		
	IC1100	MN103SH9FPB1	IC	
	IC1101	C3EBFC000047	IC	
	IC2301	C1AB00003230	IC	
	IC2950	C0CBCAG00031	IC	
	IC2952	C0DBGYY00281	IC	
	IC3000	C1AB00003218	IC	
	IC5000	AN34042A-VF	IC	
	IC5200	C0DBEYY00124	IC	
	IC5220	C0DBGYY00895	IC	
	IC5280	C0DBGYY00281	IC	
	IC5300	C0DBAYY00755	IC	
	IC5500	C0DBAYY00715	IC	
	IC5501	C0DBAYY00715	IC	
	IC5603	C0DBFYY00049	IC	
	IC5604	C0DBGYY00578	IC	
	IC7201	C0DBBZG00004	IC	
	IC7301	C0DABYY00025	IC	
	IC7401	C0DABYY00018	IC	
	IC7501	C0DBZMC00006	IC	
	IC7601	C0DBZMC00006	IC	
	IC8000	MN2WS0110C	IC	
	IC8100	C1BZ0003967	IC	
	IC8240	C3ABTY000025	IC	
	IC8241	C3ABTY000025	IC	
	IC8300	C1AB00003188	IC	
	IC8302	C0DBFYY00041	IC	
	IC8700	C0DBZYY00266	IC	
	IC8701	C0DBZYY00266	IC	
	IC8703	C1CB00003239	IC	
	IC8921	TVRR428	ROM IC (C3FBTY000011)	
	IC8950	C3EBGC000056	IC	
	IC9003	C3FBKY000040	IC	
	IC9004	C0DBAYY00715	IC	
	IC9005	C0EBM0000026	IC	
	IC9006	MN85061	IC	
	IC9201	C1AB00003252	IC	
	IC9202	C3EBHY000012	ROM IC	
	IC9203	C0CBCAG00031	IC	
	IC9204	C1AB00003246	IC	
	IC9205	C0DBAYY00730	IC	
	IC9206	C0FBYY000076	IC	
	IC9207	C0DBAYY00731	IC	
	IC9208	C0ABEB000037	IC	
		COILS		

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	L1101	J0JYC0000068	COIL	
	L2301	J0JHC0000042	COIL	
	L2303	G1C220MA0416	COIL	
	L2304	G1C220MA0416	COIL	
	L2305	G1C220MA0416	COIL	
	L2306	G1C220MA0416	COIL	
	L2310	J0JHC0000078	BEAD CORE	
	L2311	J0JHC0000078	BEAD CORE	
	L2312	J0JHC0000078	BEAD CORE	
	L2313	J0JHC0000078	BEAD CORE	
	L2900	J0JCC0000278	COIL	
	L2901	J0JCC0000278	COIL	
	L2904	J0JCC0000278	COIL	
	L2905	J0JHC0000046	EMI FILTER	
	L2906	J0JCC0000278	COIL	
	L2950	J0JHC0000045	COIL	
	L3100	J0JCC0000287	COIL	
	L3101	J0JCC0000287	COIL	
	L3102	J0JCC0000287	COIL	
	L3103	J0JCC0000287	COIL	
	L3104	J0JCC0000287	COIL	
	L3107	J0JCC0000287	COIL	
	L3114	J0JCC0000287	COIL	
	L3115	J0JCC0000287	COIL	
	L3117	J0JCC0000287	COIL	
	L3118	J0JCC0000287	COIL	
	L3119	J0JCC0000287	COIL	
	L3120	J0JCC0000287	COIL	
	L3121	J0JCC0000287	COIL	
	L4700	J0JYC0000068	COIL	
	L4701	J0JYC0000068	COIL	
	L4702	J0JYC0000068	COIL	
	L4703	J0JYC0000068	COIL	
	L4704	J0JYC0000068	COIL	
	L4705	J0JYC0000068	COIL	
	L4706	J0JYC0000068	COIL	
	L4707	J0JYC0000068	COIL	
	L4708	J0JYC0000068	COIL	
	L5000	J0JYC0000068	COIL	
	L5001	J0JYC0000068	COIL	
	L5300	G1C6R8MA0416	COIL	
	L5500	G1C2R2M00022	COIL	
	L5501	G1C3R3Z00005	COIL	
	L5502	G1C2R2Z00007	COIL	
	L5503	G1C3R3Z00004	COIL	
	L5504	G1C100MA0077	COIL	
	L5505	G1C100MA0077	COIL	
	L5608	J0JHC0000045	COIL	
	L7300	J0JKB0000034	EMI FILTER	
	L7401	EXCELDLR35V	CORE	
	L7402	EXCELDLR35V	CORE	
	L8000	J0JCC0000287	COIL	
	L8001	J0JCC0000287	COIL	
	L8002	J0JCC0000287	COIL	
	L8003	J0JHC0000045	COIL	
	L8004	J0JHC0000021	BEAD CORE	
	L8005	J0JHC0000021	BEAD CORE	
	L8006	J0JCC0000287	COIL	
	L8007	J0JHC0000045	COIL	
	L8008	J0JCC0000287	COIL	
	L8009	J0JHC0000045	COIL	
	L8010	J0JCC0000287	COIL	
	L8011	J0JHC0000116	BEAD CORE	
	L8012	J0JCC0000287	COIL	
	L8013	J0JCC0000287	COIL	
	L8014	J0JCC0000287	COIL	
	L8015	J0JHC0000116	BEAD CORE	
	L8016	J0JHC0000116	BEAD CORE	
	L8017	J0JHC0000045	COIL	
	L8018	J0JHC0000045	COIL	
	L8019	J0JHC0000045	COIL	
	L8020	J0JCC0000287	COIL	
	L8021	J0JCC0000287	COIL	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	L8022	J0JHC0000045	COIL	
	L8023	J0JHC0000045	COIL	
	L8024	J0JCC0000287	COIL	
	L8100	J0JHC0000045	COIL	
	L8102	J0JYC0000065	COIL	
	L8103	J0JYC0000065	COIL	
	L8104	J0JBC0000116	BEAD CORE	
	L8300	J0JHC0000045	COIL	
	L8302	J0JHC0000045	COIL	
	L8303	J0JHC0000045	COIL	
	L8304	J0JHC0000045	COIL	
	L8701	J0JHC0000045	COIL	
	L8702	J0JHC0000045	COIL	
	L8705	J0JHC0000045	COIL	
	L8706	J0JHC0000045	COIL	
	L8707	J0JHC0000045	COIL	
	L8708	J0JHC0000045	COIL	
	L8850	J0JHC0000045	COIL	
	L8920	J0JHC0000075	BEAD COIL	
	L8921	J0JHC0000045	COIL	
	L9001	G1C100MA0072	COIL	
	L9003	J0JHC0000045	COIL	
	L9004	J0JHC0000046	EMI FILTER	
	L9005	J0JHC0000045	COIL	
	L9006	J0JHC0000046	EMI FILTER	
	L9007	J0JYC0000068	COIL	
	L9008	J0JHC0000045	COIL	
	L9009	J0JHC0000045	COIL	
	L9010	J0JHC0000045	COIL	
	L9011	J0JHC0000045	COIL	
	L9012	J0JHC0000045	COIL	
	L9013	G1C3R3Z00004	COIL	
	L9014	G1C2R2Z00006	COIL	
	L9015	G1C100MA0077	COIL	
	L9016	J0JHC0000075	BEAD COIL	
	L9201	J0JHC0000046	EMI FILTER	
	L9202	G1C6R8MA0416	COIL	
	L9203	G1C220MA0234	COIL	
	L9204	G1C220MA0234	COIL	
		TRANSISTORS		
	Q2101	DSA2001S0L	TRANSISTOR	
	Q2252	DSA2001S0L	TRANSISTOR	
	Q2253	B1AABF000002	TRANSISTOR	
	Q2254	B1AABF000002	TRANSISTOR	
	Q2301	DSC2001S0L	TRANSISTOR	
	Q2500	DSC200100L	TRANSISTOR	
	Q2501	DSC200100L	TRANSISTOR	
	Q2504	DSC200100L	TRANSISTOR	
	Q3104	B1ABCF000231	TRANSISTOR	
	Q3105	B1ABCF000231	TRANSISTOR	
	Q4512	B1HFCFA00044	TRANSISTOR	
	Q4513	B1ADCE000022	TRANSISTOR	
	Q4700	B1ABCF000231	TRANSISTOR	
	Q4701	B1ABCF000231	TRANSISTOR	
	Q4702	B1ABCF000231	TRANSISTOR	
	Q4703	B1ABCF000231	TRANSISTOR	
	Q4704	B1ABCF000231	TRANSISTOR	
	Q4705	B1ABCF000231	TRANSISTOR	
	Q5053	DSC2001S0L	TRANSISTOR	
	Q5054	B1ADCE000022	TRANSISTOR	
	Q5055	B1ADCE000022	TRANSISTOR	
	Q5240	DSC200100L	TRANSISTOR	
	Q5241	B1CHRE000005	TRANSISTOR	
	Q5500	B1MBDA000003	TRANSISTOR	
	Q5501	B1CFRD000048	TRANSISTOR	
	Q5502	B1MBDA000003	TRANSISTOR	
	Q5503	B1MBDA000015	TRANSISTOR	
	Q5504	B1CFRD000048	TRANSISTOR	
	Q7208	B1DEGR000060	TRANSISTOR	
	Q7209	B1DEGR000060	TRANSISTOR	
	Q7210	B1BCCF000022	TRANSISTOR	
	Q7301	B1CERQ000066	TRANSISTOR	
	Q7302	B1CERQ000066	TRANSISTOR	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	Q7303	DSC200100L	TRANSISTOR	
	Q7420	DSC2001S0L	TRANSISTOR	
	Q7421	DSC2001S0L	TRANSISTOR	
	Q7701	B1CHRC000010	TRANSISTOR	
	Q7702	DSC200100L	TRANSISTOR	
	Q7703	B1ABGF000019	TRANSISTOR	
	Q7704	DSC200100L	TRANSISTOR	
	Q7754	B1ADGJ000008	TRANSISTOR	
	Q9001	B1ABCF000231	TRANSISTOR	
	Q9003	B1ABCF000231	TRANSISTOR	
	Q9007	B1ADCE000022	TRANSISTOR	
	Q9008	B1MBDDA00003	TRANSISTOR	
	Q9009	B1MBEDA00015	TRANSISTOR	
	Q9201	B1ABMD000006	TRANSISTOR	
	Q9202	B1DHCD000023	TRANSISTOR	
	Q9203	B1BDCF000021	TRANSISTOR	
	Q9204	B1ABNF000006	TRANSISTOR	
	Q9205	B1ABNF000006	TRANSISTOR	
	Q9206	B1ADNF000006	TRANSISTOR	
	Q9207	B1ADNF000006	TRANSISTOR	
	Q9208	B1ADCF000190	TRANSISTOR	
		RESISTORS		
	R0900	D0GA680JA015	C 680HM ,J, 1/10W	
	R0901	D0GA680JA015	C 680HM ,J, 1/10W	
	R0902	EXB28V680JX	C 680HM ,J, 1/10W	
	R0903	D0GA680JA015	C 680HM ,J, 1/10W	
	R0904	EXB28V103JX	100HM ,J, 1/10W	
	R0907	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R0910	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R0940	D0GA680JA015	C 680HM ,J, 1/10W	
	R0941	D0GA680JA015	C 680HM ,J, 1/10W	
	R0942	D0GA680JA015	C 680HM ,J, 1/10W	
	R0943	D0GA680JA015	C 680HM ,J, 1/10W	
	R0944	D0GA680JA015	C 680HM ,J, 1/10W	
	R0945	D0GA680JA015	C 680HM ,J, 1/10W	
	R0946	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0947	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0948	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0949	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0952	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0953	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0958	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0959	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0966	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0967	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0972	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0973	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0976	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0977	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0978	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0979	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0980	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0981	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0982	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0983	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0984	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0985	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R0986	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R0987	ERJ2GEJ220X	F 220HM ,J, 1/10W	
	R1110	D0GA821JA015	C 820OHM ,J, 1/10W	
	R1178	D0GA331JA015	C 330OHM ,J, 1/10W	
	R1180	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R1183	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R1187	D0GA273JA015	C 27KOHM ,J, 1/10W	
	R1189	D1BB7151A055	C 7.15KOHM ,J, 1/10W	
	R1191	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R1224	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R1225	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R1237	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R1243	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R1502	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R1504	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R1506	D0GA473JA015	C 47KOHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R1514	D0GA182JA015	C 1.8KOHM ,J, 1/10W	
	R1515	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R1516	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R1520	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R1521	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R1568	D0GA683JA015	C 68KOHM ,J, 1/10W	
	R1569	D0GA223JA015	C 22KOHM ,J, 1/10W	
	R2053	D1BB1403A055	C 140KOHM ,J, 1/10W	
	R2055	D1BB1403A055	C 140KOHM ,J, 1/10W	
	R2069	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2070	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2101	D0GA332JA015	C 3.3KOHM ,J, 1/10W	
	R2102	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R2107	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R2135	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R2139	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R2140	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R2254	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R2255	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2256	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2257	D0GA105JA015	C 1MOHM ,J, 1/10W	
	R2258	D0GA101JA015	C 100OHM ,J, 1/4W	
	R2259	D0GA101JA015	C 100OHM ,J, 1/4W	
	R2301	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2302	EXB28V220JX	22OHM ,J, 1/10W	
	R2303	D0GA100JA015	C 10OHM ,J, 1/4W	
	R2304	D0GA100JA015	C 10OHM ,J, 1/4W	
	R2305	D0GA100JA015	C 10OHM ,J, 1/4W	
	R2310	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2331	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2340	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2341	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2342	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2500	D1BA6800A014	C 680OHM ,J, 1/10W	
	R2502	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2504	D0GA223JA015	C 22KOHM ,J, 1/10W	
	R2507	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2508	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2509	D1BA1821A014	C 18KOHM ,J, 1/10W	
	R2512	D0GA470JA015	C 47OHM ,J, 1/10W	
	R2514	D0GA562JA015	C 5.6KOHM ,J, 1/10W	
	R2515	D0GA124JA015	C 120KOHM ,J, 1/10W	
	R2516	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2517	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R2518	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2529	D0GA332JA015	C 3.3KOHM ,J, 1/10W	
	R2530	D0GA332JA015	C 3.3KOHM ,J, 1/10W	
	R2532	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R2544	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R2600	D0GDR00JA017	C 00HM ,J, 1/10W	
	R2601	D1BD1741A044	C 1.74KOHM ,J, 1/10W	
	R2602	D1BD7151A044	C 7.15KOHM ,J, 1/10W	
	R2603	D1BD6651A044	C 6.65KOHM ,J, 1/10W	
	R2604	D1BD1432A044	C 14.3KOHM ,J, 1/10W	
	R2751	ERJ6GEY0R00V	C 00HM ,J, 1/10W	
	R2752	ERJ6GEY0R00V	C 00HM ,J, 1/10W	
	R2753	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R2754	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R2755	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R2756	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R2764	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R2765	ERJ6GEY0R00V	C 00HM ,J, 1/10W	
	R2767	ERJ6GEY0R00V	C 00HM ,J, 1/10W	
	R2768	ERJ6GEY0R00V	C 00HM ,J, 1/10W	
	R2786	D0GA101JA015	C 100OHM ,J, 1/4W	
	R2795	D0GA101JA015	C 100OHM ,J, 1/4W	
	R2907	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R2914	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R2926	D0GA680JA015	C 68OHM ,J, 1/10W	
	R2960	D0GA153JA015	C 15KOHM ,J, 1/10W	
	R3006	D0GA680JA015	C 68OHM ,J, 1/10W	
	R3007	D0GA680JA015	C 68OHM ,J, 1/10W	
	R3012	ERJ2GEJ221X	220OHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R3013	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3014	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3101	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R3102	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R3103	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R3104	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R3105	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R3106	D0GA333JA015	C 33KOHM ,J, 1/10W	
	R3107	D0GA333JA015	C 33KOHM ,J, 1/10W	
	R3108	D0GA101JA015	C 100OHM ,J, 1/4W	
	R3109	ERJ8ENF75R0V	F 75OHM ,J, 1/10W	
	R3117	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3119	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R3120	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3121	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3123	D0GA680JA015	C 68OHM ,J, 1/10W	
	R3124	D0GA680JA015	C 68OHM ,J, 1/10W	
	R3125	D0GA680JA015	C 68OHM ,J, 1/10W	
	R3126	D0GA680JA015	C 68OHM ,J, 1/10W	
	R3127	D0GA680JA015	C 68OHM ,J, 1/10W	
	R3128	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R3130	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R3145	ERJ8ENF75R0V	F 75OHM ,J, 1/10W	
	R3149	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R3152	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3165	D0GA333JA015	C 33KOHM ,J, 1/10W	
	R3166	D0GA333JA015	C 33KOHM ,J, 1/10W	
	R3173	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3174	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3181	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R3182	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R3183	ERJ6ENF75R0V	F 75OHM ,J, 1/10W	
	R3184	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R3185	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R3186	D0GA333JA015	C 33KOHM ,J, 1/10W	
	R3187	D0GA333JA015	C 33KOHM ,J, 1/10W	
	R3188	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3189	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R3190	D0GA101JA015	C 100OHM ,J, 1/4W	
	R3191	D0GA101JA015	C 100OHM ,J, 1/4W	
	R3192	D0GA820JA015	C 82OHM ,J, 1/10W	
	R3193	D0GA820JA015	C 82OHM ,J, 1/10W	
	R3194	D0GA331JA015	C 82OHM ,J, 1/10W	
	R3195	D0GA331JA015	C 82OHM ,J, 1/10W	
	R3196	D0GA820JA015	C 82OHM ,J, 1/10W	
	R3221	ERJ8ENF75R0V	F 75OHM ,J, 1/10W	
	R3243	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R3990	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R3991	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4208	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4210	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4548	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R4549	D0GA151JA015	C 150OHM ,J, 1/2W	
	R4550	D0GA151JA015	C 150OHM ,J, 1/2W	
	R4551	D0GA151JA015	C 150OHM ,J, 1/2W	
	R4552	D0GA560JA015	C 56OHM ,J, 1/10W	
	R4553	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4554	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R4556	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4557	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R4560	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4651	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R4655	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R4659	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R4663	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R4666	D0GA330JA015	C 33OHM ,J, 1/10W	
	R4668	D0GA330JA015	C 33OHM ,J, 1/10W	
	R4670	D0GA330JA015	C 33OHM ,J, 1/10W	
	R4672	D0GA330JA015	C 33OHM ,J, 1/10W	
	R4676	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R4677	D0GA122JA015	C 1.2KOHM ,J, 1/10W	
	R4702	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4703	D0GA330JA015	C 33OHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R4704	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4706	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4707	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4708	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4709	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4710	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4711	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R4712	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4715	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4716	D0GA330JA015	C 33OHM ,J, 1/10W	
	R4717	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4719	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4720	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4721	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4722	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4723	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4724	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R4725	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4728	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4729	D0GA330JA015	C 33OHM ,J, 1/10W	
	R4730	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4732	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4733	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4734	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4735	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R4736	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4737	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R4738	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4739	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R4740	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4741	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4742	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4743	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4744	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4745	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4746	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4747	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4748	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4749	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4750	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4751	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4763	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R4764	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R4765	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R4766	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R4776	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4777	D0GA680JA015	C 68OHM ,J, 1/10W	
	R4796	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4798	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R4967	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R5002	D0GA683JA015	C 68KOHM ,J, 1/10W	
	R5003	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5004	D0GA563JA015	C 56KOHM ,J, 1/10W	
	R5005	D0GA680JA015	C 68OHM ,J, 1/10W	
	R5006	D0GA223JA015	C 22KOHM ,J, 1/10W	
	R5007	D0GA223JA015	C 22KOHM ,J, 1/10W	
	R5008	D0GA203JA015	C 20KOHM ,J, 1/10W	
	R5009	D1BA5602A014	C 56KOHM ,J, 1/10W	
	R5012	D1BA2202A014	C 12KOHM ,J, 1/10W	
	R5013	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R5015	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5017	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5018	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5019	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5020	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5030	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5050	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R5051	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5052	D0GA105JA015	C 1MOHM ,J, 1/10W	
	R5053	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R5054	D0GA563JA015	C 56KOHM ,J, 1/10W	
	R5055	D0GA203JA015	C 20KOHM ,J, 1/10W	
	R5056	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R5060	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R5061	D0GA122JA015	C 1.2KOHM ,J, 1/10W	
	R5069	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R5070	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R5100	D0GA101JA015	C 100OHM,J, 1/4W	
	R5104	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5150	D0GA101JA015	C 100OHM,J, 1/4W	
	R5151	D0GA101JA015	C 100OHM,J, 1/4W	
	R5152	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R5153	D0GA101JA015	C 100OHM,J, 1/4W	
	R5204	D1BA4302A014	C 43KOHM ,J, 1/10W	
	R5205	D1BA8201A014	C 8.2KOHM ,J, 1/10W	
	R5206	ERJ6GEY0R00V	C 0OHM ,J, 1/10W	
	R5240	D0GA223JA015	C 22KOHM ,J, 1/10W	
	R5241	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5242	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R5243	D0GA333JA015	C 33KOHM ,J, 1/10W	
	R5246	ERJ6GEY0R00V	C 0OHM ,J, 1/10W	
	R5247	ERJ12YJ471U	M 470OHM,J, 1/2W	
	R5260	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5265	ERJ6GEY0R00V	C 0OHM ,J, 1/10W	
	R5266	ERJ6GEY0R00V	C 0OHM ,J, 1/10W	
	R5300	D0GA150JA015	C 15OHM ,J, 1/10W	
	R5301	D1BB5601A055	C 5.6KOHM ,J, 1/10W	
	R5302	D1BB1501A055	C 1.5KOHM ,J, 1/10W	
	R5303	D1BB8201A055	C 8.2KOHM ,J, 1/10W	
	R5504	D1BB1241A087	C 1.24KOHM ,J, 1/10W	
	R5505	D1BB1241A087	C 1.24KOHM ,J, 1/10W	
	R5506	D1BB2101A087	C 2.1KOHM ,J, 1/10W	
	R5507	D1BB1101A055	1.1KOHM ,J, 1/10W	
	R5508	D1BB8200A087	C 820OHM ,J, 1/10W	
	R5509	D1BB8200A087	C 820OHM ,J, 1/10W	
	R5510	D1BB2001A087	C 2KOHM ,J, 1/10W	
	R5511	D1BB3601A055	C 3.6KOHM ,J, 1/10W	
	R5512	D0GB100JA041	10OHM ,J, 1/10W	
	R5513	D0GB100JA041	10OHM ,J, 1/10W	
	R5514	D0GB100JA041	10OHM ,J, 1/10W	
	R5515	D0GB100JA041	10OHM ,J, 1/10W	
	R5516	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5517	D1BB1002A055	C 10KOHM ,J, 1/10W	
	R5518	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5519	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5520	D1BB1502A055	C 15KOHM ,J, 1/10W	
	R5521	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R5522	D1BB2002A055	C 20KOHM ,J, 1/10W	
	R5523	D1BB2402A055	C 24KOHM ,J, 1/10W	
	R5640	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5641	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5642	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R5643	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5644	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R5645	D0GBR00Z0002	C 0OHM ,J, 1/10W	
⚠	R7001	ERC12ZGK105V	S 1MOHM ,K, 1/2W	
	R7206	D0GD223JA052	C 22KOHM ,J, 1/10W	
	R7208	D0GD684JA052	C 680KOHM , 1/10W	
	R7209	D0GD684JA052	C 680KOHM , 1/10W	
	R7210	D0GD684JA052	C 680KOHM , 1/10W	
	R7211	D0GD684JA052	C 680KOHM , 1/10W	
	R7212	D0GD303JA052	C 30KOHM ,J, 1/10W	
	R7213	D0GD393JA052	C 30KOHM ,J, 1/10W	
	R7214	ERJ6ENF1692	M16.9KOHM, 1/8W	
	R7215	ERDS2TJ101	C 100OHM,J, 1/4W	
	R7216	D0D5R10KA007	W 0.1OHM,K, 5W	
	R7217	ERG12SJ471V	M 470OHM,J, 1/2W	
	R7218	ERG12SJ180	M 18OHM ,J, 1/2W	
	R7219	ERG12SJ180	M 18OHM ,J, 1/2W	
	R7220	D0GD103JA052	C 10KOHM ,J, 1/10W	
	R7221	ERG2SJ330H	M 33OHM,J,2W	
	R7222	ERG2SJ330H	M 33OHM,J,2W	
	R7223	ERJ6ENF6343	C 634KOHM , 1/8W	
	R7224	ERJ6ENF6343	C 634KOHM , 1/8W	
	R7225	ERJ6ENF6343	C 634KOHM , 1/8W	
	R7226	ERJ6ENF6343	C 634KOHM , 1/8W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7301	ERG12SJ330V	M 33OHM ,J, 1/2W	
	R7302	ERJ6ENF4700V	F 470OHM , 1/10W	
	R7303	ERDS2TJ105T	C 1MOHM ,J, 1/10W	
	R7304	ERJ6ENF2200	M 220OHM, 1/10W	
	R7305	ERDS2TJ105T	C 1MOHM ,J, 1/10W	
	R7306	ERDS2TJ105T	C 1MOHM ,J, 1/10W	
	R7307	ERJ6RBD563	C 56KOHM ,J, 1/10W	
	R7308	D0GD561JA052	C 560OHM ,J, 1/10W	
	R7309	D0GF101JA048	C 100OHM,J, 1/4W	
	R7310	D0GD104JA052	C 10OHM,J, 1/4W	
	R7313	D0AE104JA046	C 100KOHM,J, 1/10W	
	R7314	D0AE104JA046	C 100KOHM,J, 1/10W	
	R7315	ERJ6RBD473V	C 47KOHM ,J, 1/10W	
	R7317	D0GF101JA048	C 100OHM,J, 1/4W	
	R7318	D0GF100JA048	C 100OHM,J, 1/4W	
	R7319	ERG12SJ100	M 10OHM ,J, 1/2W	
	R7321	D0GD104JA052	C 10OHM,J, 1/4W	
	R7322	D0XB106J0003	10MOHM ,J, 1W	
	R7323	D0GDR00J0004	C 0OHM ,J, 1/10W	
	R7401	ERF2AJ120P	12OHM ,J, 2W	
	R7402	ERJ12YJ474U	470KOHM ,J, 1/2W	
	R7403	ERX12SJ3R3V	M 3.3OHM ,J, 1/2W	
	R7404	ERX12SJ3R3V	M 3.3OHM ,J, 1/2W	
	R7405	ERG12SJ220V	M 22OHM,J, 1/2W	
	R7406	D0GDR00J0004	C 0OHM ,J, 1/10W	
	R7407	D0GD101JA052	C 100OHM,J, 1/4W	
	R7408	ERJ12YJ474U	470KOHM ,J, 1/2W	
	R7409	ERJ12YJ474U	470KOHM ,J, 1/2W	
	R7410	D0GD474JA052	C 470KOHM ,J, 1/10W	
	R7411	D0GD393JA052	C 39KOHM ,J, 1/10W	
	R7413	ERG2SJ330P	F 33OHM ,J, 2W	
	R7420	D0GD753JA052	C 75KOHM ,J, 1/8W	
	R7421	D0GD753JA052	C 75KOHM ,J, 1/8W	
	R7422	D0GD753JA052	C 75KOHM ,J, 1/8W	
	R7423	D0GD753JA052	C 75KOHM ,J, 1/8W	
	R7424	D0GD753JA052	C 75KOHM ,J, 1/8W	
	R7425	D0GD753JA052	C 75KOHM ,J, 1/8W	
	R7426	D0GD682JA052	C 6.8KOHM ,J, 1/8W	
	R7427	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7428	D0GD100JA052	C 10OHM,J, 1/8W	
	R7429	D0GD104JA052	C 100KOHM,J, 1/8W	
	R7503	D0GD102JA052	C 1KOHM ,J, 1/10W	
	R7504	D0GD272JA052	C 2.7KOHM ,J, 1/10W	
	R7505	D0GD272JA052	C 2.7KOHM ,J, 1/10W	
	R7506	ERJ6RBD183	C 18KOHM , 1/16W	
	R7507	ERJ6RBD102	C 1KOHM , 1/10W	
	R7508	ERJ6RBD222V	C 2.2KOHM , 1/10W	
	R7511	D0GDR00J0004	C 0OHM ,J, 1/10W	
	R7514	D0GD103JA052	C 10KOHM ,J, 1/10W	
	R7516	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7517	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7518	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7519	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7520	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7521	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7522	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7523	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7524	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7525	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7526	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7527	D0GD113JA052	C 11KOHM ,J, 1/10W	
	R7601	D0GD102JA052	C 1KOHM ,J, 1/10W	
	R7602	D0GD151JA052	C 150OHM ,J, 1/10W	
	R7603	D0GDR00J0004	C 0OHM ,J, 1/10W	
	R7604	ERJ6ENF6801V	F 6.8KOHM , 1/10W	
	R7605	ERJ6ENF4701V	F 4.7KOHM , 1/10W	
	R7606	D0GD472JA052	C 4.7KOHM ,J, 1/10W	
	R7701	D0GD223JA052	C 22KOHM ,J, 1/10W	
	R7702	D0GD103JA052	C 10KOHM ,J, 1/10W	
	R7703	D0GD102JA052	C 1KOHM ,J, 1/10W	
	R7704	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7705	D0GD103JA052	C 10KOHM ,J, 1/10W	
	R7706	D0GD473JA052	C 47KOHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R7707	D0GD821JA052	C 820OHM ,J, 1/10W	
	R7708	D0GD473JA052	C 47KOHM ,J, 1/10W	
	R7710	D0GD124JA052	C 120KOHM ,J, 1/10W	
	R7711	D0GD101JA052	C 100OHM ,J, 1/4W	
	R7759	D0GD472JA052	C 4.7KOHM ,J, 1/10W	
	R7760	D0GD222JA052	C 2.2KOHM ,J, 1/10W	
	R7761	ERG2SJ330H	M 33OHM ,J, 2W	
	R7763	D0GD101JA052	C 100OHM ,J, 1/4W	
	R8000	D0GA331JA015	C 330OHM ,J, 1/10W	
	R8100	D0GA821JA015	C 820OHM ,J, 1/10W	
	R8102	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8103	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8105	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8109	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8110	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8111	D0GA121JA015	C 120OHM ,J, 1/10W	
	R8112	D0GA820JA015	C 820OHM ,J, 1/10W	
	R8114	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8115	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8116	D0GA101JA015	C 100OHM ,J, 1/4W	
	R8117	ERJ2GEJ104X	F 100KOHM ,J, 1/10W	
	R8119	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8120	ERJ2GEJ220X	F 220OHM ,J, 1/10W	
	R8122	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8124	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8240	D1BA2400A014	C 240OHM ,J, 1/10W	
	R8246	D0GA330JA015	C 33KOHM ,J, 1/10W	
	R8247	D0GA330JA015	C 33KOHM ,J, 1/10W	
	R8253	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8254	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8255	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8270	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8271	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8272	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8277	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8278	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8279	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8280	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8281	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8282	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8283	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8284	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R8285	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R8286	ERJ2GEJ221X	220OHM ,J, 1/10W	
	R8287	D1BA2400A014	C 240OHM ,J, 1/10W	
	R8288	D1BA2400A014	C 240OHM ,J, 1/10W	
	R8289	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8300	EXB2HV680JV	C 68OHM ,J, 1/10W	
	R8301	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8302	D0GA471JA015	C 470OHM ,J, 1/10W	
	R8303	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8305	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8306	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8310	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8315	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8316	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8322	ERJ2GEJ220X	F 220OHM ,J, 1/10W	
	R8323	ERJ2GEJ220X	F 220OHM ,J, 1/10W	
	R8324	D0GA561JA015	C 560OHM ,J, 1/10W	
	R8325	D0GA561JA015	C 560OHM ,J, 1/10W	
	R8326	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R8327	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R8396	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8470	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8476	EXB2HVR000V	0OHM ,J, 1/10W	
	R8477	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8479	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8482	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8488	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8489	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8490	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8491	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8492	D0GA680JA015	C 68OHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R8493	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8494	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8495	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8496	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8497	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8498	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8499	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8511	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8512	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8513	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8600	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8606	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8610	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8621	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8622	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8623	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8624	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8636	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8638	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8641	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8642	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8644	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8645	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8649	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8651	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8652	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8657	D0GA222JA015	C 2.2KOHM ,J, 1/10W	
	R8658	D0GA222JA015	C 2.2KOHM ,J, 1/10W	
	R8660	EXB2HV680JV	68OHM ,J, 1/10W	
	R8661	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8668	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8669	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8672	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8673	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8678	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8680	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8683	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8685	D0GA222JA015	C 2.2KOHM ,J, 1/10W	
	R8689	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8691	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8703	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8704	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8705	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8706	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8707	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8708	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8709	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8710	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8711	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R8712	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R8721	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8722	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8723	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8724	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8725	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8726	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8727	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8728	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8729	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8730	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8731	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8732	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8733	D0GA560JA015	C 560OHM ,J, 1/10W	
	R8734	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8735	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8737	D1BA6491A014	C 6.49KOHM ,J, 1/10W	
	R8739	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8743	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8744	D1BA6201A014	C 6.2KOHM ,J, 1/10W	
	R8745	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R8746	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R8747	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8748	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R8753	D0GBR00Z0002	C 00HM ,J, 1/10W	
	R8754	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8757	D1BA1600A014	C 160OHM ,J, 1/10W	
	R8758	D1BA2402A014	C 24KOHM ,J, 1/10W	
	R8759	D1BA1002A014	C 10KOHM ,J, 1/10W	
	R8760	D1BA2402A014	C 24KOHM ,J, 1/10W	
	R8761	D1BA6201A014	C 6.2KOHM ,J, 1/10W	
	R8762	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R8763	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R8764	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8766	D0GA272JA015	C 2.7KOHM ,J, 1/10W	
	R8767	D0GA272JA015	C 2.7KOHM ,J, 1/10W	
	R8800	D1BA49R9A014	C 49.9OHM ,J, 1/10W	
	R8802	D1BA49R9A014	C 49.9OHM ,J, 1/10W	
	R8803	D1BA49R9A014	C 49.9OHM ,J, 1/10W	
	R8804	D1BA49R9A014	C 49.9OHM ,J, 1/10W	
	R8806	F1G1H471A730	C 470PF ,50V	
	R8807	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8810	F1G1H471A730	C 470PF ,50V	
	R8825	D0GA101JA015	C 100OHM ,J, 1/4W	
	R8856	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R8857	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8858	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8859	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8860	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8861	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8862	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8863	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8864	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8866	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R8867	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8868	D0GA330JA015	C 33OHM ,J, 1/10W	
	R8869	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8870	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8871	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R8872	D0GA330JA015	C 33OHM ,J, 1/10W	
	R8873	D0GA330JA015	C 33OHM ,J, 1/10W	
	R8874	D0GA330JA015	C 33OHM ,J, 1/10W	
	R8875	D0GA330JA015	C 33OHM ,J, 1/10W	
	R8876	D0GA330JA015	C 33OHM ,J, 1/10W	
	R8877	D0GA330JA015	C 33OHM ,J, 1/10W	
	R8878	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8879	EXB28V103JX	10OHM ,J, 1/10W	
	R8880	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8886	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8887	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R8918	EXB2HV680JV	C 68OHM ,J, 1/10W	
	R8919	EXB2HV680JV	C 68OHM ,J, 1/10W	
	R8922	EXB2HVR000V	00HM ,J, 1/10W	
	R8923	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8924	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8925	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8926	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8927	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8928	D0GA680JA015	C 68OHM ,J, 1/10W	
	R8950	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R8952	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R9005	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9006	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9007	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9008	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9009	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9010	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9011	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9012	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9013	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9014	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9015	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9016	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9020	D0GBR00JA008	C 00HM ,J, 1/10W	
	R9021	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9022	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9023	D0GD103JA036	C 10KOHM ,J, 1/10W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R9025	D0GA392JA015	3.9KOHM ,J, 1/10W	
	R9031	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R9036	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9042	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9052	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9056	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9066	EXB2HV103JV	10OHM ,J, 1/10W	
	R9068	D0GA334JA015	C 330OHM ,J, 1/10W	
	R9069	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9070	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9071	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9072	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9073	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9074	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9075	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9076	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9078	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9079	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9081	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9082	D0GA680JA015	C 68OHM ,J, 1/10W	
	R9088	D0GA223JA015	C 22KOHM ,J, 1/10W	
	R9089	EXB28V680JX	C 68OHM ,J, 1/10W	
	R9090	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9093	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9094	D0GA680JA015	C 68OHM ,J, 1/10W	
	R9095	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9096	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9097	D0GA680JA015	C 68OHM ,J, 1/10W	
	R9098	D0GA680JA015	C 68OHM ,J, 1/10W	
	R9099	D0GA680JA015	C 68OHM ,J, 1/10W	
	R9100	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9101	D0GA153JA015	C 15KOHM ,J, 1/10W	
	R9102	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9103	D1BB2492A012	24.9KOHM ,J, 1/16W	
	R9104	D1BB2700A087	C 270OHM , 1/10W	
	R9106	D1BB4702A012	47KOHM ,J, 1/10W	
	R9107	D1BB1001A087	C 1KOHM ,J, 1/10W	
	R9108	D1BB1101A012	1.1KOHM , 1/10W	
	R9109	D1BB8200A087	C 820OHM ,J, 1/10W	
	R9110	D1BB3601A012	3.6KOHM , 1/10W	
	R9113	D0GA473JA015	C 47KOHM ,J, 1/10W	
	R9114	D0GB100JA041	10OHM ,J, 1/10W	
	R9115	D0GB100JA041	10OHM ,J, 1/10W	
	R9116	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R9117	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R9118	D1BB2702A012	27KOHM , 1/10W	
	R9119	D1BB2402A012	24KOHM , 1/10W	
	R9125	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9126	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9136	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R9141	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R9152	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R9153	D0GAR00Z0001	C 00HM ,J, 1/10W	
	R9158	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9159	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9160	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9161	ERJ2GEJ102X	F 1KOHM ,J, 1/10W	
	R9201	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9202	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9203	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9204	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9205	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9206	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9207	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9208	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9209	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9210	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9211	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9212	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9213	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9214	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9215	D0GA101JA015	C 100OHM ,J, 1/4W	
	R9216	D0GA101JA015	C 100OHM ,J, 1/4W	

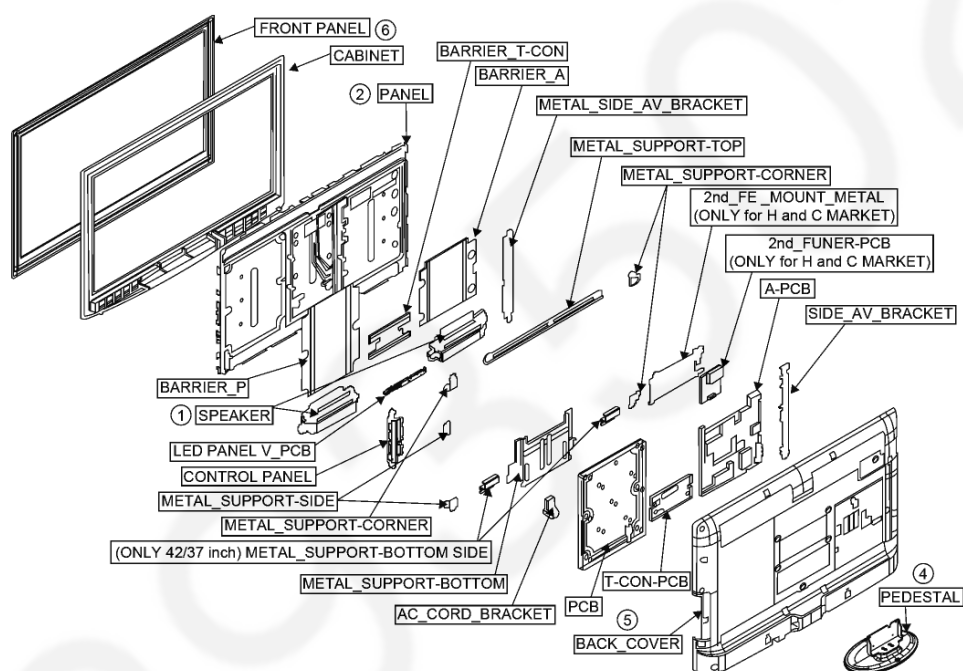
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R9217	D0GA101JA015	C 100OHM,J, 1/4W	
	R9218	D0GA101JA015	C 100OHM,J, 1/4W	
	R9219	D0GBR00JA008	C 0OHM ,J, 1/10W	
	R9221	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9222	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R9223	D0GA101JA015	C 100OHM,J, 1/4W	
	R9224	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9225	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R9226	D0GA101JA015	C 100OHM,J, 1/4W	
	R9228	D0GA101JA015	C 100OHM,J, 1/4W	
	R9229	D0GA101JA015	C 100OHM,J, 1/4W	
	R9230	D0GA101JA015	C 100OHM,J, 1/4W	
	R9232	D0GA101JA015	C 100OHM,J, 1/4W	
	R9234	D0GA680JA015	C 68OHM ,J, 1/10W	
	R9235	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9237	D1BA1001A023	C 1KOHM ,J, 1/10W	
	R9238	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9239	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9240	D1BA10R0A023	100OHM ,J, 1/10W	
	R9242	ERJ2GEJ103X	F 10KOHM ,J, 1/10W	
	R9243	D1BA1004A023	1MOHM J 1/10W	
	R9245	D1BA6201A023	C 6.2KOHM ,J, 1/10W	
	R9246	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R9247	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9248	ERJ2GEJ220X	F 22OHM ,J, 1/10W	
	R9250	D1BA1000A023	100OHM , 1/16W	
	R9260	D1BA20R0A023	20OHM , 1/16W	
	R9261	D1BA20020005	20KOHM , 1/16W	
	R9262	D1BA7501A023	7.5KOHM , 1/16W	
	R9263	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9264	D1BA20R0A023	20OHM , 1/16W	
	R9265	D1BA1000A023	100OHM , 1/16W	
	R9266	D1BA3001A023	C 3KOHM ,J, 1/16W	
	R9267	D1BA10R0A023	100HM ,J, 1/16W	
	R9268	D1BA10R0A023	100HM ,J, 1/16W	
	R9270	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9271	D1BA1003A023	100KOHM , 1/16W	
	R9272	D1BA3602A023	36KOHM , 1/16W	
	R9273	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9275	D1BA3001A023	C 3KOHM ,J, 1/16W	
	R9276	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9278	D1BA8202A023	82KOHM , 1/16W	
	R9280	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9281	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9283	D1BA5101A023	5.1KOHM , 1/16W	
	R9285	D1BA3601A023	36KOHM , 1/16W	
	R9286	D1BA1302A023	13KOHM , 1/16W	
	R9287	D1BA8201A023	C 8.2KOHM , 1/10W	
	R9288	D1BA1000A023	100OHM , 1/16W	
	R9289	D1BA2R20A023	2.2OHM , 1/16W	
	R9290	D1BA2R20A023	2.2OHM , 1/16W	
	R9291	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9294	D1BA1003A023	100KOHM , 1/16W	
	R9297	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9298	D1BA20R0A023	20OHM , 1/16W	
	R9299	D1BA20R0A023	20OHM , 1/16W	
	R9300	D1BA1002A023	C 10KOHM ,J, 1/16W	
	R9301	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9302	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9303	D1BA2R20A023	2.2OHM , 1/16W	
	R9306	D1BA2R20A023	2.2OHM , 1/16W	
	R9307	D1BA1004A023	1MOHM J 1/16W	
	R9308	D1BA1004A023	1MOHM J 1/16W	
	R9309	D1BA5102A023	51KOHM , 1/16W	
	R9310	D1BA7502A023	75KOHM , 1/16W	
	R9311	D1BA6802A023	68KOHM , 1/16W	
	R9312	D1BA1502A023	15KOHM , 1/16W	
	R9313	D1BA5602A023	56KOHM , 1/16W	
	R9314	D1BA1003A023	100KOHM , 1/16W	
	R9315	D1BA2R20A023	2.2OHM , 1/16W	
	R9316	D1BA2R20A023	2.2OHM , 1/16W	
	R9317	D1BA2R20A023	2.2OHM , 1/16W	
	R9318	D1BA2R20A023	2.2OHM , 1/16W	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	R9319	D1BA1602A023	16KOHM , 1/16W	
	R9320	D1BA8202A023	82KOHM , 1/16W	
	R9322	ERJ8ENF9101V	F 9.1KOHM , 1/4W	
	R9324	D1BA1001A023	C 1KOHM ,J, 1/10W	
	R9327	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9328	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9331	D1BA2701A023	2.7KOHM , 1/16W	
	R9332	D1BA5102A023	51KOHM , 1/16W	
	R9333	D1BA20020005	C 20KOHM ,J, 1/16W	
	R9334	D1BA7501A023	7.5KOHM , 1/16W	
	R9335	D1BA3303A023	330KOHM , 1/16W	
	R9336	D4CC14730006	T 47KOHM , 1/16W	
	R9337	D1BA9101A023	9.1KOHM , 1/16W	
	R9338	D1BA1001A023	C 1KOHM ,J, 1/10W	
	R9339	D0GA472JA015	C 4.7KOHM ,J, 1/10W	
	R9349	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9351	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9353	D1BA2202A014	C 22KOHM ,J, 1/10W	
	R9359	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R9361	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9362	D1BA2202A014	C 22KOHM ,J, 1/10W	
	R9363	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9364	D1BA3900A014	C 390OHM , 1/16W	
	R9365	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R9366	D1BA2201A014	C 2.2KOHM ,J, 1/10W	
	R9369	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9372	ERBSE1R50U	FUSE	
	R9373	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9376	D1BA2202A014	C 22KOHM ,J, 1/10W	
	R9377	D1BA2202A014	C 22KOHM ,J, 1/10W	
	R9378	D1BA2202A014	C 22KOHM ,J, 1/10W	
	R9381	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R9382	D1BA1001A014	C 1KOHM ,J, 1/10W	
	R9383	D0GAR00Z0001	C 0OHM ,J, 1/10W	
	R9384	D0GAR00Z0001	C 0OHM ,J, 1/10W	
		TRANSFORMERS		
△	T7201	ETS32CZ129AD	SWITCHING TRANSFORMER	
△	T7301	G4DYA0000261	TRANSFORMER	
△	T7401	G4DYA0000211	TRANSFORMER	
		OTHERS		
	A02	K1KY04AA0719	CONNECTOR	
	A09	K1KA15AA0409	CONNECTOR	
	A10	K1KY08AA0719	CONNECTOR	
	A12	K1KA04AA0190	CONNECTOR	
	A15	K1KB51BA0074	CONNECTOR	
	CF7101	D4CAA2R20001	THERMISTOR	
	CF7102	D4CAA2R20001	THERMISTOR	
	CN0100	K1KA08AA0714	CONNECTOR	
△	F7001	K5D502BNA005	FUSE	
	F7001-1	K3GE1ZZ00001	FUSE HOLDER	
	F7001-2	K3GE1ZZ00001	FUSE HOLDER	
	FL4800	EXC28CE201U	CHOKE COIL	
	FL4801	EXC28CE201U	CHOKE COIL	
	FL4802	EXC28CE201U	CHOKE COIL	
	FL4804	EXC28CE201U	CHOKE COIL	
	FL4805	EXC28CE201U	CHOKE COIL	
	FL4806	EXC28CE201U	CHOKE COIL	
	FL8701	EXC24CE900U	NOISE FILTER	
	FL8702	EXC24CE900U	NOISE FILTER	
	FL9001	EXC28CE900U	CHIP CHOKE COIL	
	FL9002	EXC28CE900U	CHIP CHOKE COIL	
	FL9003	EXC28CE900U	CHIP CHOKE COIL	
	FL9004	EXC28CE900U	CHIP CHOKE COIL	
	FL9005	EXC28CE900U	CHIP CHOKE COIL	
	FL9006	EXC28CE900U	CHIP CHOKE COIL	
	FL9007	EXC28CE900U	CHIP CHOKE COIL	
	FL9008	EXC28CE900U	CHIP CHOKE COIL	
	JK3300	K4AK10B00001	AV TERMINAL	
	JK3301C	K1U917A00001	AV TERMINAL	
	JK3304	K1FY315A0005	CONNECTOR	
	JK4700	K1FY119D0012	CONNECTOR	
	JK4701	K1FY119D0012	CONNECTOR	
	JK4702	K1FY119E0015	CONNECTOR	

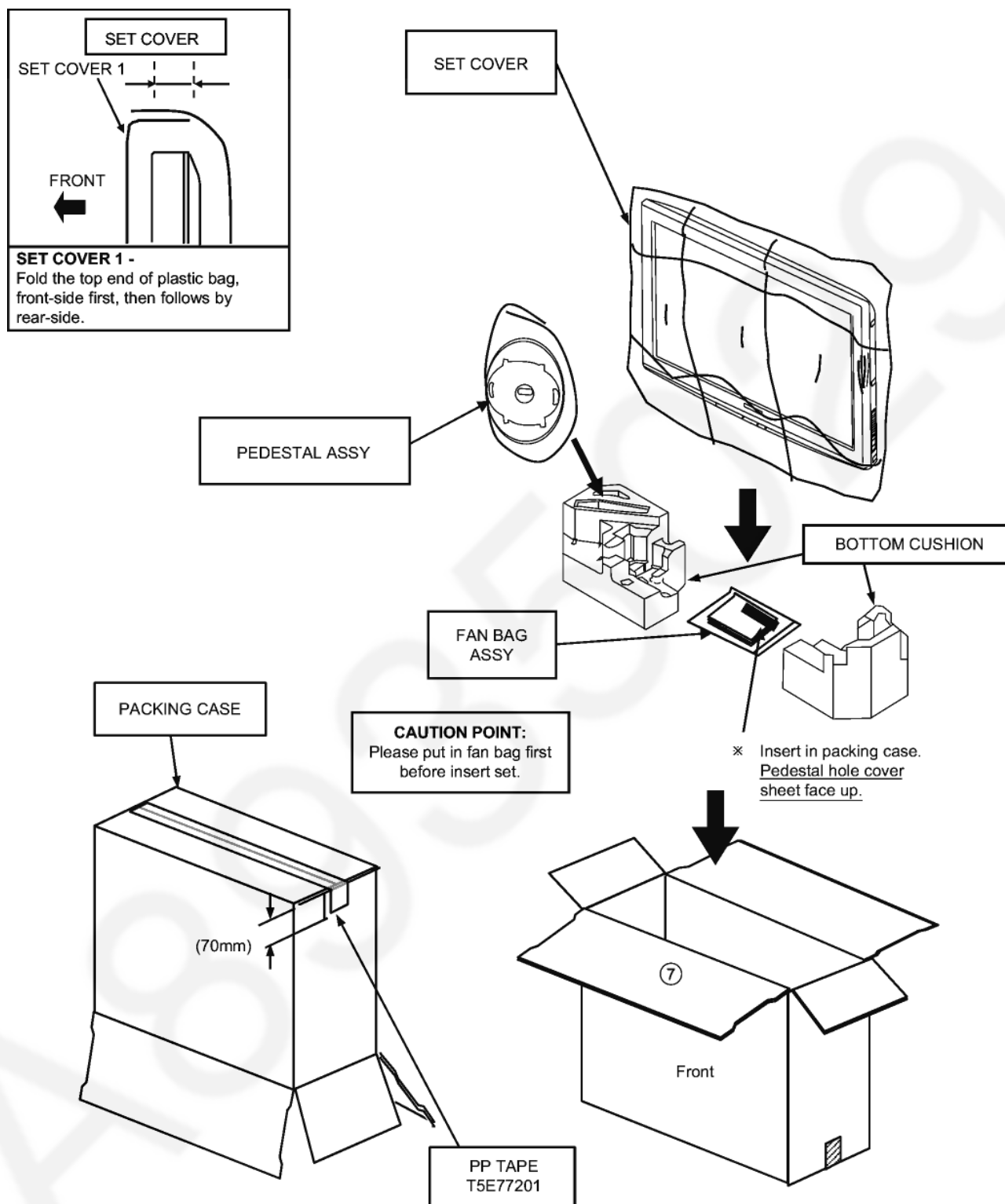
Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	JK8700	K1FY104A0013	USB CONNECTOR	
	JK8701	K1FY104B0039	USB CONNECTOR	
	JK8800	K2LC1YYA0012	AV TERMINAL	
	JK8850	K1NA12E00017	CONNECTOR	
	JS1004	D0GAR00Z0001	CHIP RESISTOR	
	JS1011	D0GAR00Z0001	CHIP RESISTOR	
	JS8360	D0GAR00Z0001	CHIP RESISTOR	
	JS8361	D0GAR00Z0001	CHIP RESISTOR	
	JS8362	D0GAR00Z0001	CHIP RESISTOR	
	JS8363	D0GAR00Z0001	CHIP RESISTOR	
	JS8364	D0GAR00Z0001	CHIP RESISTOR	
	JS8365	D0GAR00Z0001	CHIP RESISTOR	
	JS8366	D0GAR00Z0001	CHIP RESISTOR	
	JS8367	D0GAR00Z0001	CHIP RESISTOR	
	JS8368	D0GAR00Z0001	CHIP RESISTOR	
	JS8369	D0GAR00Z0001	CHIP RESISTOR	
	JS8370	D0GAR00Z0001	CHIP RESISTOR	
	K01	K1KA04BA0047	CONNECTOR	
⚠	LF7002	G0B802H00009	LINE FILTER	
⚠	LF7003	G0B802H00009	LINE FILTER	
⚠	LF7004	G0B802H00009	LINE FILTER	
	P1	K1KY02A00001	CONNECTOR	
	P2	K1KA16AA0658	CONNECTOR	
	P3	K1KA10AA0191	CONNECTOR	
	P4	K1KA13AA0191	CONNECTOR	
⚠	PA2750	K5H4022A0031	FUSE	
⚠	PA9001	ERBSE5R00U	FUSE	
	PC7301	B3PAA0000363	PHOTO COUPLER	
	PC7401	B3PAA0000363	PHOTO COUPLER	
	PC7701	B3PAA0000363	PHOTO COUPLER	
⚠	RL7101	K6B1AYY00060	RELAY	
⚠	RL7102	K6B1AYY00060	RELAY	
	RM2500A	B3RAD0000168	PHOTO DETECTOR	
	SN2500	B3JB00000078	PHOTO DETECTOR	
⚠	SW2600	ESB33535XFD	POWER SWITCH	
	SW2601	K0H1BA000445	CONNECTOR	
	SW2602	K0H1BA000445	CONNECTOR	
	SW2603	K0H1BA000445	CONNECTOR	
	SW2604	K0H1BA000445	CONNECTOR	
	SW2605	K0H1BA000445	CONNECTOR	
	TC01	K1MN60BA0126	CONNECTOR	
	TC04	K1MN60BA0126	CONNECTOR	
	TC05	K1KB51BA0074	CONNECTOR	
	TC06	K1KA03B00242	CONNECTOR	
⚠	TU2901A	ENG37F03KF	TUNER	
	V10	K1KA07B00135	CONNECTOR	
	X1101	H0J100500035	CRYSTAL OSC	
	X8002	H0J245500101	CRYSTAL OSC	
	X8100	H0J270500120	CRYSTAL OSC	
	X8300	H0J410500001	CRYSTAL	
	X9001	H0J270500113	CRYSTAL OSC	
	X9201	H2D100500004	CERAMIC RESONATOR	
	ZA1001	K4ZZ01000267	SHIELD CHIP	
	ZA1002	K4ZZ01000267	SHIELD CHIP	
	ZA1003	K4ZZ01000267	SHIELD CHIP	
	ZA1004	K4ZZ01000267	SHIELD CHIP	
	ZA1005	K4ZZ01000267	SHIELD CHIP	
	ZA1006	K4ZZ01000267	SHIELD CHIP	
	ZA1007	K4ZZ01000267	SHIELD CHIP	
	ZA1008	K4ZZ01000267	SHIELD CHIP	
	ZA1009	K4ZZ01000267	SHIELD CHIP	
	ZA1050	K4ZZ01000267	SHIELD CHIP	
	ZA1051	K4ZZ01000267	SHIELD CHIP	
	ZA1052	K4ZZ01000267	SHIELD CHIP	
	ZA1053	K4ZZ01000267	SHIELD CHIP	
	ZA1054	K4ZZ01000267	SHIELD CHIP	
	ZA1055	K4ZZ01000267	SHIELD CHIP	
	ZA1056	K4ZZ01000267	SHIELD CHIP	
	ZA1057	K4ZZ01000267	SHIELD CHIP	
	ZA1058	K4ZZ01000267	SHIELD CHIP	
	ZA1059	K4ZZ01000267	SHIELD CHIP	
	ZA1060	K4ZZ01000267	SHIELD CHIP	

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
	ZA1061	K4ZZ01000267	SHIELD CHIP	
	ZA7002	K4AD01A00002	CONNECTOR	
	ZA7003	K4AD01A00002	CONNECTOR	
	ZA7004	K4AD01A00002	CONNECTOR	
	ZA7005	K4AD01A00002	CONNECTOR	

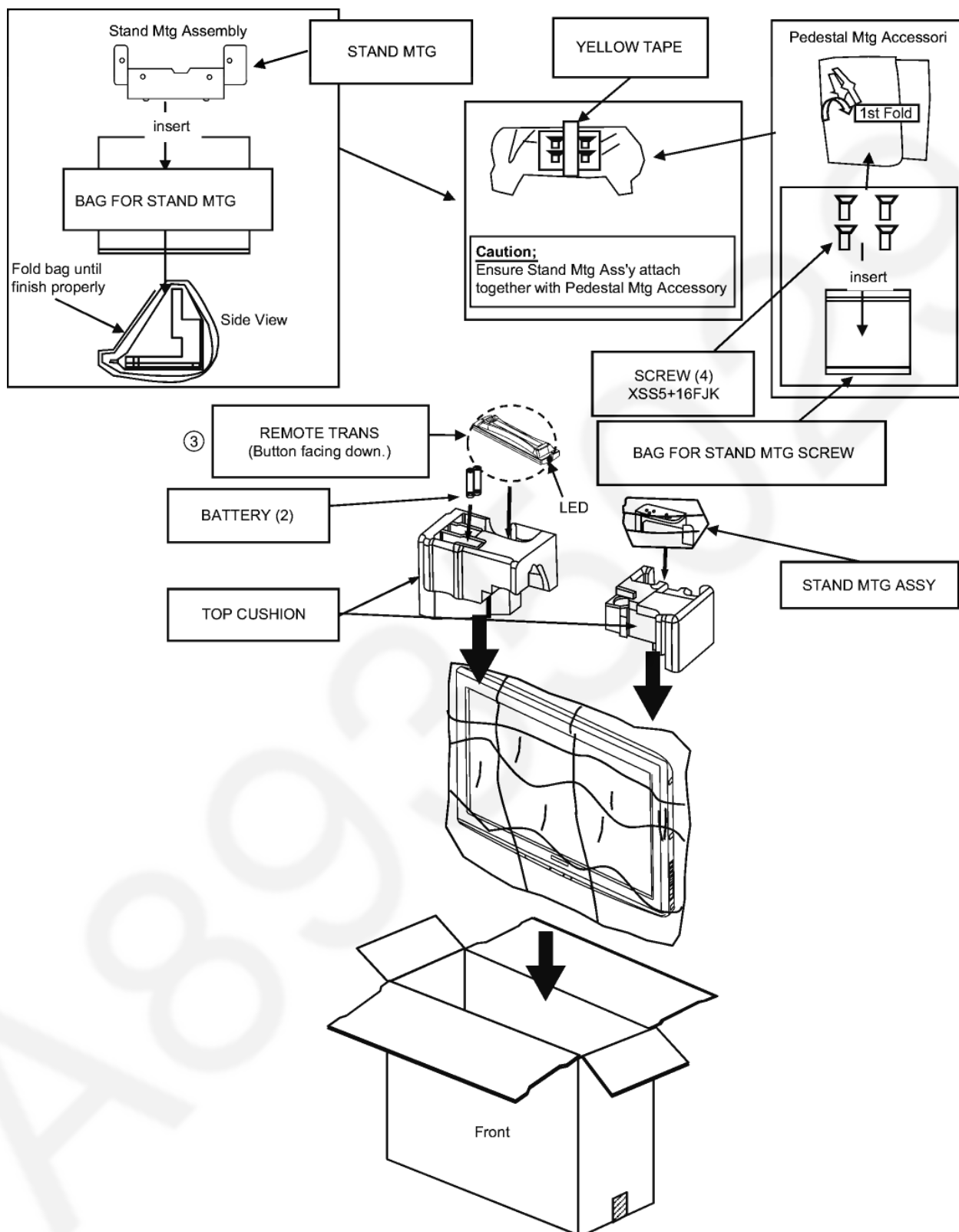
Model No. : TH-L42S25S Parts Location



Model No. : TH-L42S25S Packing Exploded View 1



Model No. : TH-L42S25S Packing Exploded View 2



Model No. : TH-L42S25S Parts List

Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		K1PY51Y00052	LVDS CABLE		
		K2CQ2YY00070	AC POWER CORD		
	1	L0AA14B00006	SPEAKER UNIT		
	2	L5EDDAT00006	LCD PANEL		
	3	N2QAYB000496	TRANSMITTER REMOTE CONTROL		
	4	TBL4GA0045	PEDESTAL ASSY		
		TBL4GX0009	STAND MTG ASSY		
		TBM4GC585	MODEL NAME PLATE		
		TBX4GA01101A	CONTROL BUTTON		
		TBX4GA01201C	POWER BUTTON		
		TKK4GC5024-1	LED PANEL		
		TKP4GA02601A	CONTROL PANEL BRACKET		
		TKP4GA03801	SIDE AV BRACKET		
		TKX4GA03201A	SP BRACKET L		
		TKX4GA03301A	SP BRACKET R		
		TMX4GX001	AC CORD BRACKET		
	RTL	TZT/A10QCQ	A PRINT ASSY		
	RTL	TNP4G478AF	P PRINT		
	RTL	TNPA4901AAA	K BOARD		
	RTL	TNPA5129EJ	TC PRINT		
	RTL	TNPA5134AE	V PRINT		
		TPD4GA0148-3	TOP CUSHION		
		TPD4GA0149-1	BOTTOM CUSHION		
		TPD4GA0152-2	TOP CENTER CUSHION		
		TPE4GH033	SET COVER		
		TQZ4GB350	FAN BAG ASSY		
		TSXM098	MINI LVDS		
	5	TTU4GA0423	BACK COVER ASSY		
	6	TTY4GA0196	CABINET ASSY		
	7	TXFPC010QHXA	PACKING CASE ASSY		