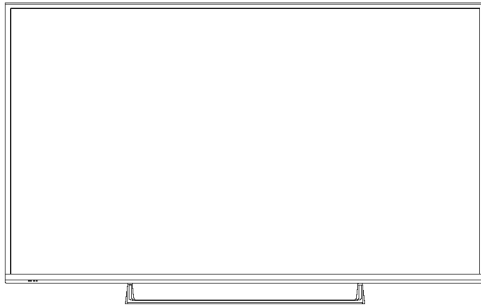


Service Manual

LED TV

Model No. **TH-43CS630S**
TH-49CS630S

Chassis: KM28
Destination: SINGAPORE



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 8.5Mohm to 13Mohm. When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

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

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

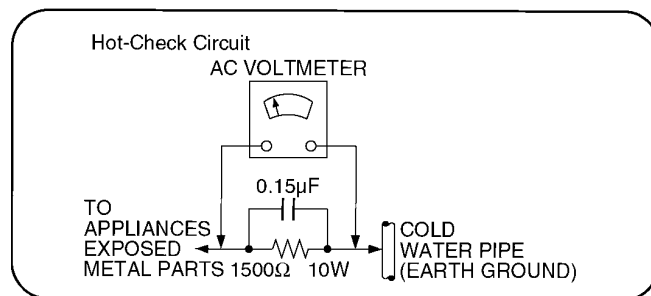


Figure 1

2 Warning

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

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

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

Caution

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

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

2.2. About lead free solder (PbF)

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

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

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

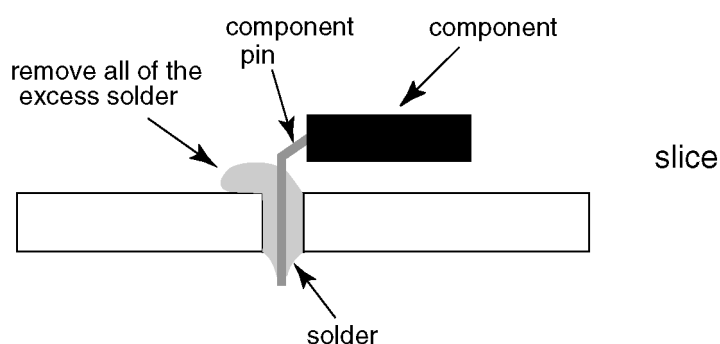
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

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

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

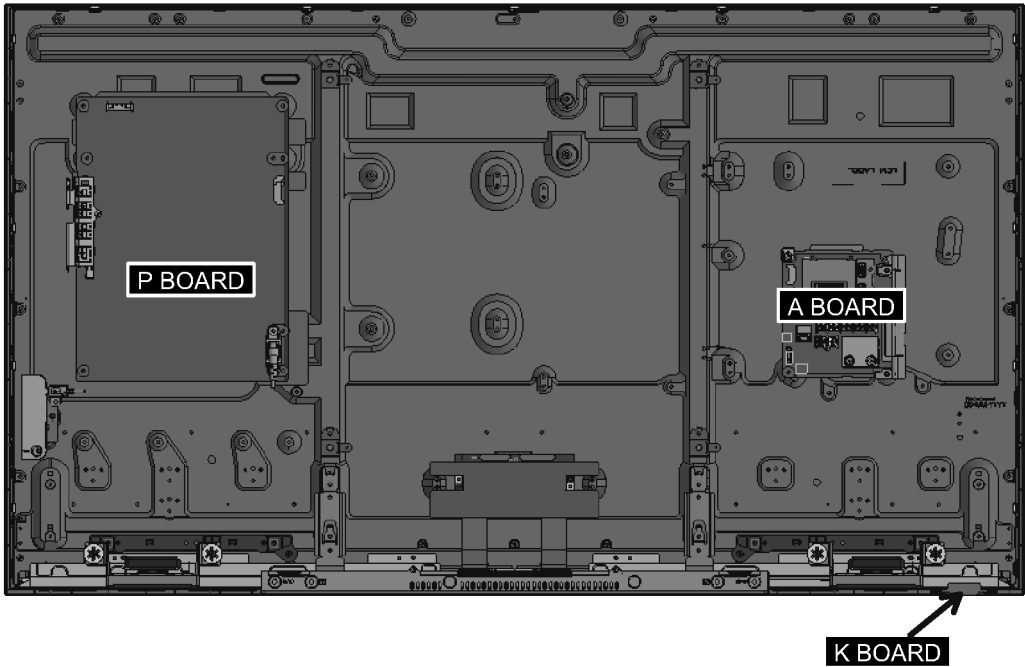
Caution

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



3 Service Navigation

3.1. Service Hint



Board Name	Main Device	Remarks
A BOARD	TUN, OFDM, ADV, sLD8A, STBY EEP	Repairable
P BOARD	Power Supply, LED Driver, SW	Repairable
K BOARD	LED/ RM/ CATSR	Repairable

4 Specifications

Dimensions (W × H × D)	[43-inch model] 974 mm × 618 mm × 194 mm (With Pedestal) 974 mm × 569 mm × 63 mm (TV only) [49-inch model] 1 106 mm × 693 mm × 235 mm (With Pedestal) 1 106 mm × 644 mm × 63 mm (TV only)
Mass	[43-inch model] 14.0 kg Net (With Pedestal) 12.0 kg Net (TV only) [49-inch model] 16.0 kg Net (With Pedestal) 14.0 kg Net (TV only)
Power source	AC Single 220-240 V, 50 / 60 Hz
Rated power consumption	[43-inch model] 105 W [49-inch model] 122 W
Standby power consumption	0.2 W
Visible screen size (diagonal)	[43-inch model] 108 cm [49-inch model] 123 cm
Display resolution	1 920 (W) × 1 080 (H)
Panel	LED backlight Liquid Crystal Display
Sound	
Speaker output	20 W (10 W + 10 W)
Connection terminals	
AV IN	VIDEO RCA PIN Type × 1 1.0 V[p-p] (75 Ω)
(COMPONENT / VIDEO)	AUDIO L - R RCA PIN Type × 2 0.5 V[rms] Y 1.0 V[p-p] (including synchronisation) P_B/C_B, P_R/C_R ±0.35 V[p-p]
HDMI 1 / 2 / 3 input	TYPE A Connectors HDMI1 / 3: Content Type HDMI2: Content Type, Audio Return Channel • This TV supports 'HDAVI Control 5' function.
ETHERNET	10BASE-T / 100BASE-TX
USB 1 / 2	DC 5 V, Max. 500 mA [Hi-Speed USB (USB 2.0)]
DIGITAL AUDIO OUT	PCM / Dolby Digital / DTS, Fibre optic
AUDIO OUT	M3 (3.5 mm) stereo mini Jack × 1]

Receiving systems / Band name	17 SYSTEMS	FUNCTION
	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 / 4.5 MHz)	Reception of broadcast transmissions 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)	Digital TV 7 MHz VHF / 8 MHz UHF free-to-air TV broadcast reception	
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 input	VHF / UHF
Operating Conditions	Temperature : 0°C - 40°C
	Humidity : 20 % - 80 % RH (non-condensing)
Built-in wireless LAN	Standard compliance and Frequency range*
	IEEE802.11a/n
	5.15 GHz -5.35 GHz, 5.47 GHz -5.85 GHz
	IEEE802.11b/g/n
	2.40 GHz -2.4835 GHz
	Security
	WPA2-PSK (TKIP/AES)
	WPA-PSK (TKIP/AES)
	WEP (64 bit/128 bit)

*: The frequency and channel differ depending on the country.

Note

- Design and Specifications are subject to change without notice. Mass and Dimensions shown are approximate.
- For the information of the open source software, refer to [eHELP] (Support > Licence).

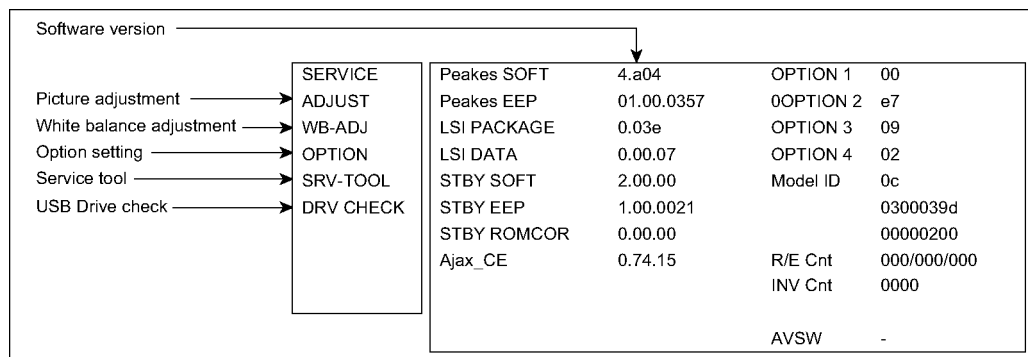
5 Service Mode

5.1. How to enter into Service Mode

5.1.1. Purpose

After exchange parts, check and adjust the contents of adjustment mode.

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



5.1.2. Key command

[1] button...Main items Selection in forward direction

[2] button...Main items Selection in reverse direction

[3] button...Sub items Selection in forward direction

[4] button...Sub items Selection in reverse direction

[VOL] button...Value of sub items change in forward direction (+), in reverse direction (-)

5.1.3. How to exit

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

5.1.4. Contents of adjustment mode

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

Main item	Sub item	Sample Data
ADJUST	CONTRAST	252
	COLOUR	2A
	TINT	00
	SUB-BRT	800
	BACKLGT	FFF
	H POS	0
	H AMP	0
	V POS	0
	V AMP	0
	VCOM	000
WB-ADJ	R-GAIN	80
	G-GAIN	AE
	B-GAIN	5C
	R-CENT	6C
	G-CENT	80
	B-CENT	A0

Main item	Sub item	Sample Data
OPTION	Boot	ROM
	STBY-SET	00
	EMERGENCY	ON
	CLK MODE	00
	CLOCK	000
	Y/C DELAY	0
	OPT 1	00000000
	OPT 2	11100110
	OPT 3	00001001
	OPT 4	00000000
	EDID-CLK	HIGH
SRV-TOOL		00
DRV CHECK	USB HDD CHECK	00

5.1.5. 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].

5.1.6. Exit

1. Disconnect the AC cord from wall outlet.

5.1.7. Hotel Mode

1. Purpose
Restrict a function for hotels.
2. Access command to the Hotel mode setup menu.
In order to display the Hotel mode setup menu:
While pressing [VOLUME (-)] button of the main unit,
press [AV] button of the remote control three times within
2 seconds.

Then, the Hotel mode setup menu is displayed.

Hotel Mode	
Hotel Mode	Off
Initial INPUT	Off
Initial POS	Off
Initial VOL Level	Off
Maximum VOL Level	100
Button Lock	Off
Remote Lock	Off
Private Information	Keep

Select
 Change  RETURN

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

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, DVB-C, DVB-T, AV1, AV2, HDMI1, HDMI2 • Off: give priority to a last memory. However, Euro model is compulsorily set to TV.
Initial POS	Select programme number. Selection : Off/0 to 99 • 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.
Private Information	Select private information for VIERA Cast is Keep or Reset if Hotel mode is set to [On] when TV power on Selection : Keep/Reset • Keep: private information for VIERA Cast is keep • Reset: private information for VIERA Cast is reset

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

6.1.2. 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.

6.1.3. 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.

6.1.4. Exit

Disconnect the AC cord from wall outlet.

6.1.5. Screen display

43FHD		SELF CHECK COMPLETE			
H14TUN	OK	PEAKS-SOFT	4.a04	MODEL ID	0c 0300039d 00000200
H90STBY	OK	PEAKS-EEP	01.00.0367		
H92MEM1	OK	LSI-PACKAGE	0.03e		
H91MEM2	OK	LSI-RELEASE	0.07		
H17LAN	OK	STBY-SOFT	2.00.00		
H00FE	OK	STBY-EEP	1.00.0021		
H71TC-DAC	OK				
H96ID	OK				
H97ID2	OK				
H42WiFi	OK				

(For example 43-inch model)

6.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

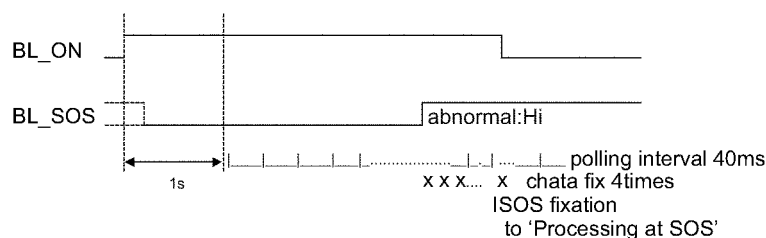
When an abnormality occurs, the protection circuit will operate and reset the unit to stand by mode. During this time, the defective block can be identified by the number of blinking times of the Power LED on the front panel of the unit as follow:

Blinking times	Contents & Check point
1	BL_SOS
7	SUB_3.3V/1.2V
8	SOS
9	SOUND_SOS
12	BE(sLD8/PRO4) SOS
13	Emergency SOS

6.3. Method of detecting SOS

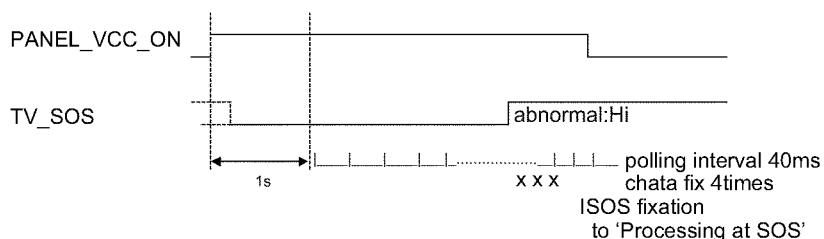
1. BL_SOS

Detection beginning after one second pass from 'BL_ON'=ON



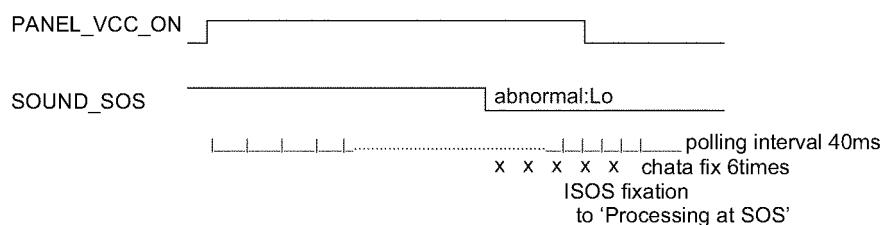
2. TV_SOS

Detection beginning after one second pass from 'PANEL_VCC_ON'=ON



3. SOUND_SOS

Detection beginning 'PANEL_VCC_ON'=ON



6.4. LCD Panel test mode

Purpose:

To find the possible failure point where in LCD Panel or Printed Circuit Board when the abnormal picture is displayed.

How to Enter:

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

How to Exit:

Disconnect AC plug from wall outlet.

How to confirm:

If the abnormal picture is displayed, go into LCD Panel test mode to display the several test patterns.

And then, judge by the following method.

Still abnormal picture is displayed: The cause must be in LCD Panel.

Normal picture is displayed: The cause must be in A board.

Remarks:

The test pattern is created by the circuit in LCD Panel.

In LCD Panel test mode, this test pattern is displayed unaffected by signal processing for RF or input signal.

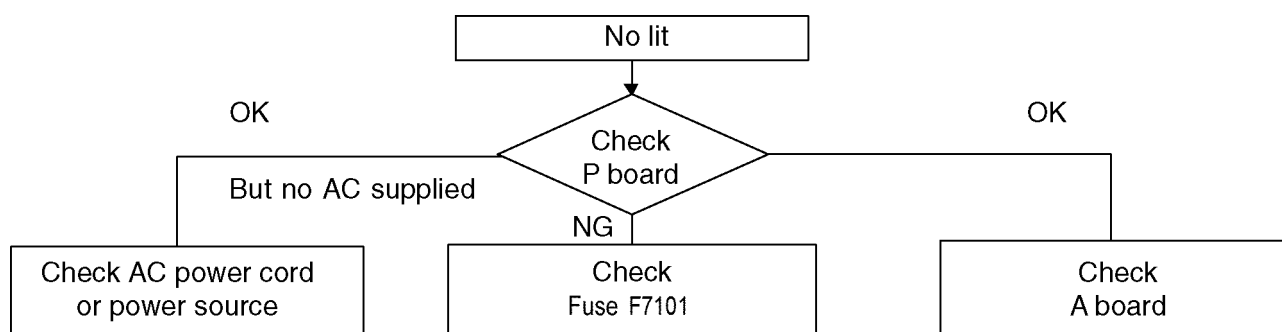
If the normal picture is displayed, LCD Panel must be okay and the cause of failure must be in A board.

6.5. 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.)

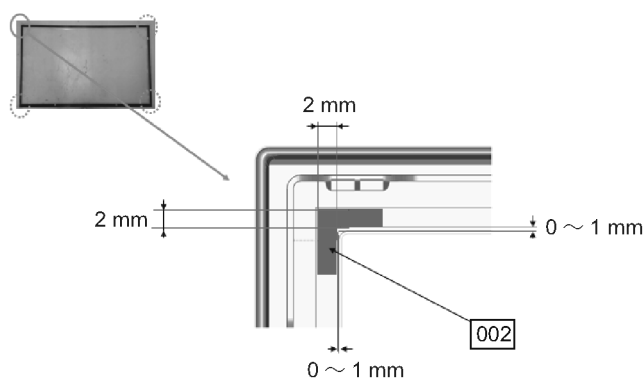


7 Disassembly and Assembly Instructions

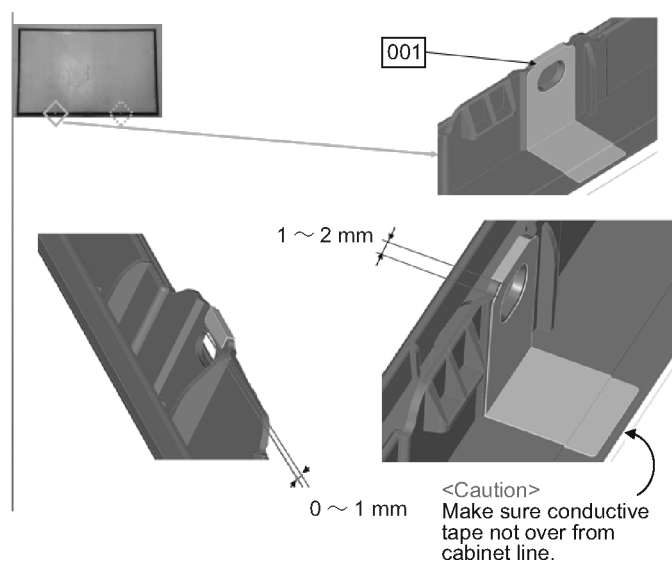
7.1. Cabinet Preparation

1. Stick all conductive tape and AL tape follow the position and tolerance given below.
2. Sequence arrangement procedure follow this method [1]→[2]→[3]

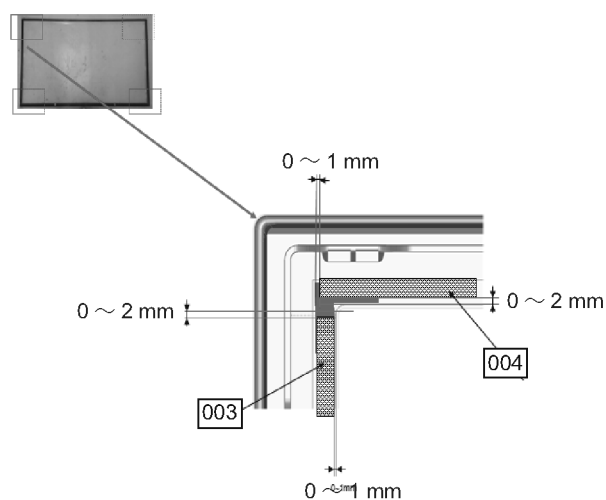
[1]



[2]



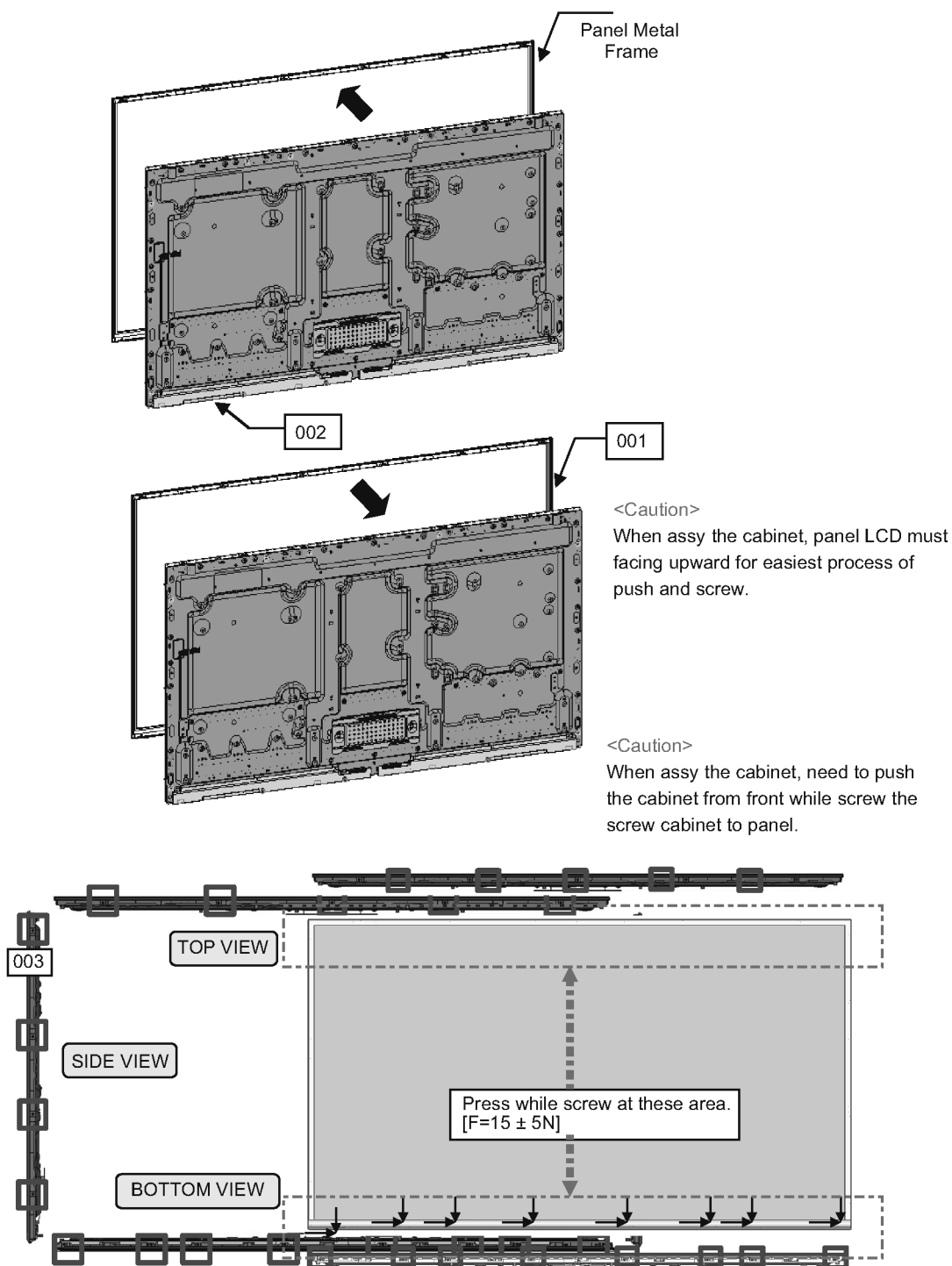
[3]



No	Description	Qty	UOM	Remarks
001	AL TAPE (BOTTOM)	2	PC	
002	AL TAPE (CORNER)	4	PC	
003	CONDUCTIVE TAPE	2	PC	
004	CONDUCTIVE TAPE	2	PC	

7.2. Cabinet Ass'y(49 Inch)

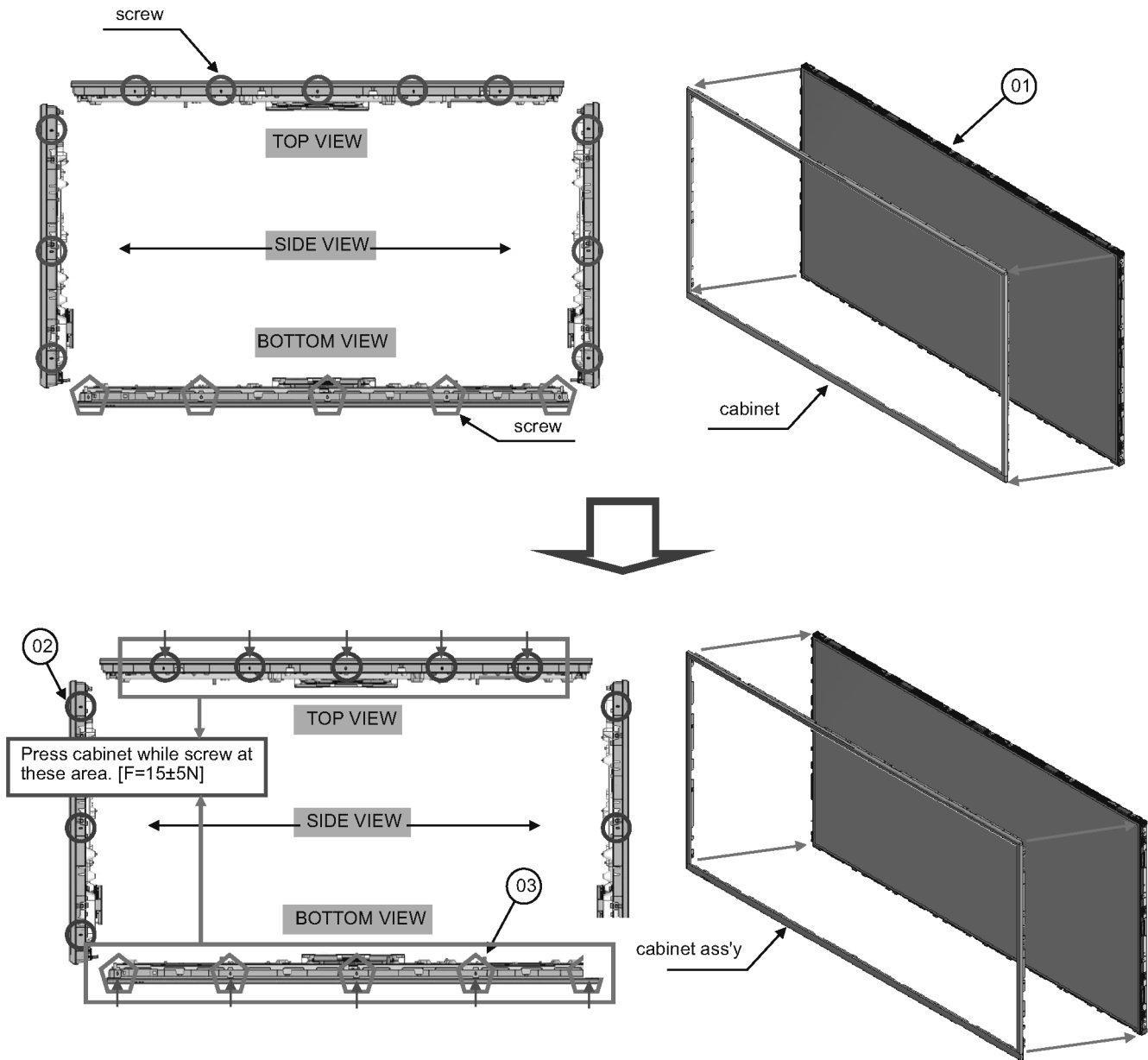
1. PANEL METAL FRAME need to remove from panel by unscrew all around frame.
2. Panel must fit to CABINET first before screw.
3. Screw all around CABINET position follow the torque given.
4. TOP and BOTTOM area must need to push during screw to prevent from gap uneven.



No	Description	Qty	UOM	Remarks
001	CABINET ASSY	1	PC	
002	LCD PANEL	1	PC	
003	SCREW(PANEL)	21	PC	5-7Kgf.cm

7.3. Cabinet Ass'y(43 Inch)

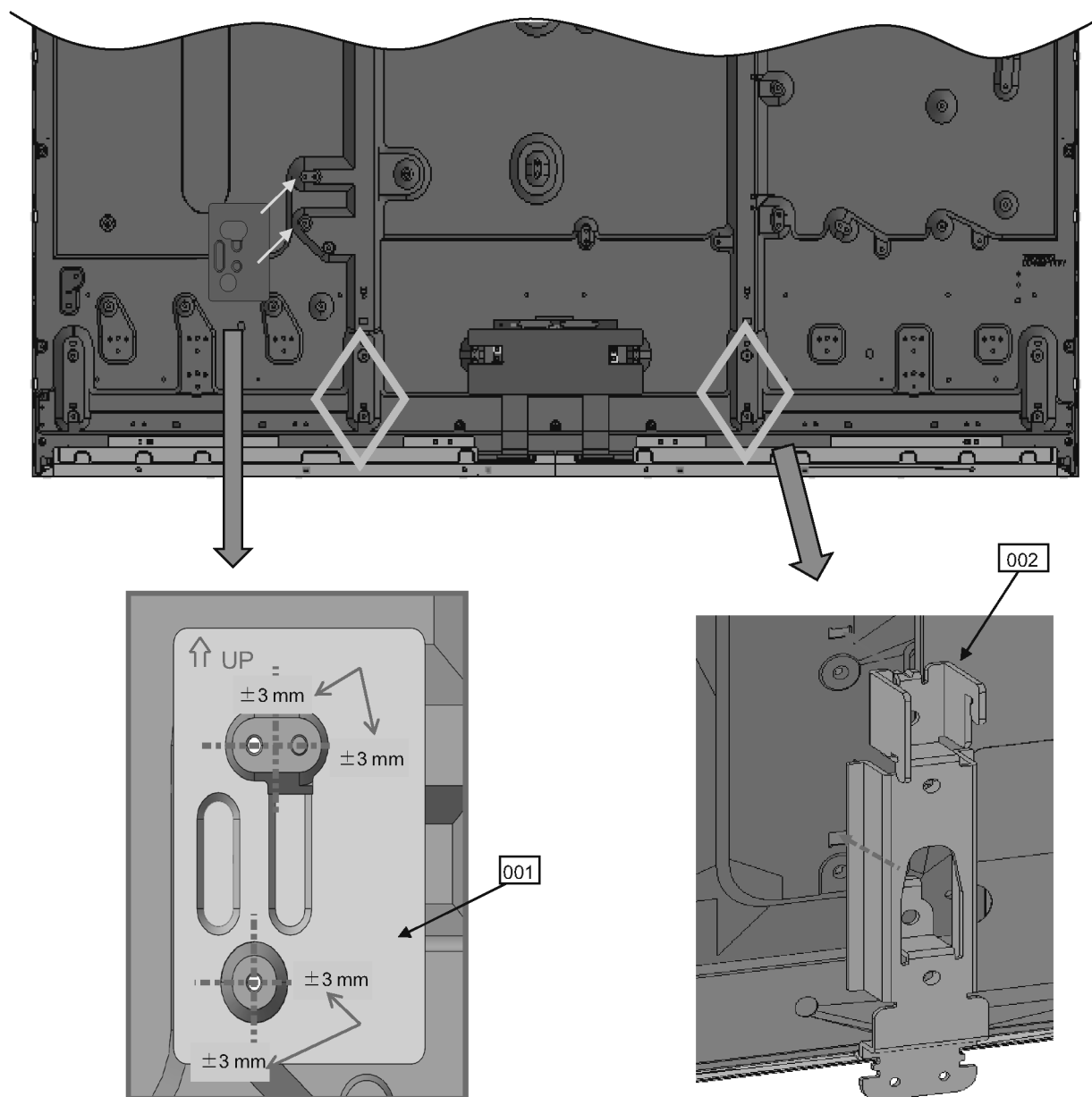
1. Open and remove screws (16 pcs) from each side of panel.
2. Remove attached cabinet frame from panel.
3. Install new cabinet ass'y and fix with new screws.



No	Description	Qty	UOM	Remarks
01	LCD PANEL	1	PC	
02	SCREW	11	PC	6±1kgf.cm
03	SCREW	5	PC	6±1kgf.cm

7.4. Barrier(Bottom) & Bottom Metal (49 Inch Only)

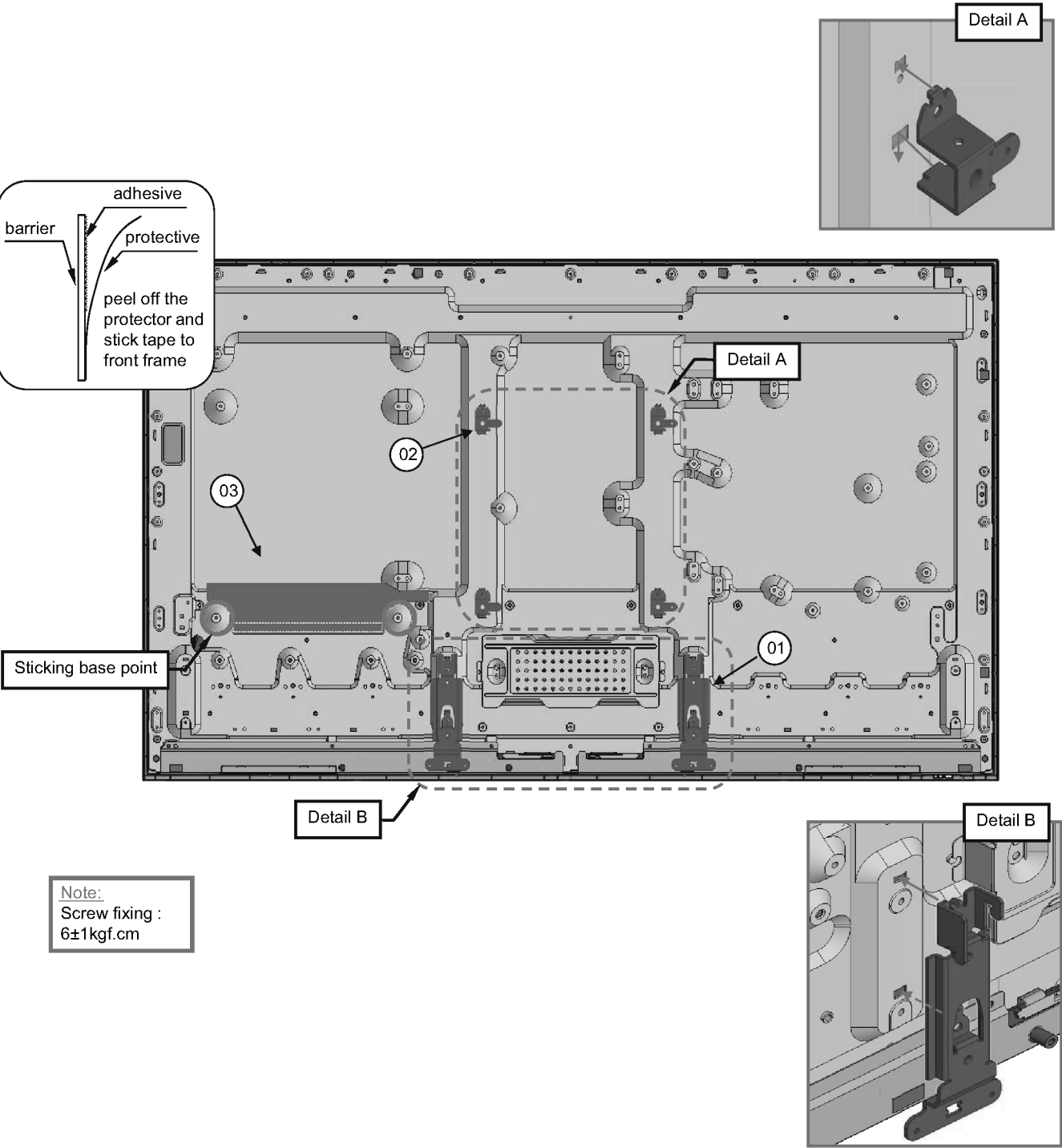
1. Stick BARRIER follow according the picture.
2. Fix BTM METAL to panel.



No	Description	Qty	UOM	Remarks
001	BARRIER(BOTTOM)	1	PC	
002	BOTTOM METAL	2	PC	

7.5. Vesa & Bottom Metal Ass'y(43 Inch Only)

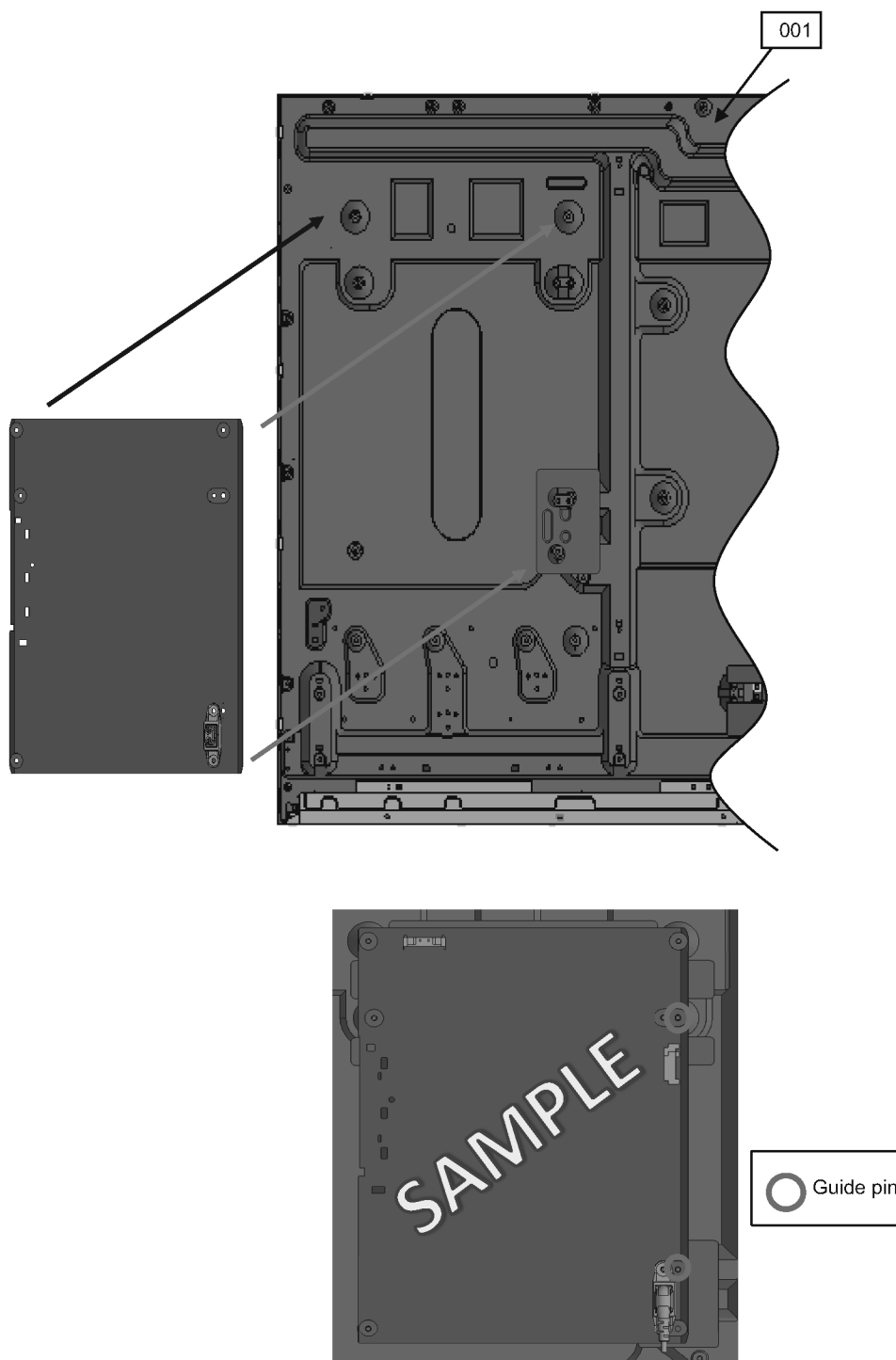
- 1. Fix barrier.
- 2. Install vesa metal & bottom metal.



No	Description	Qty	UOM	Remarks
01	BOTTOM METAL	2	PC	
02	VESA METAL	4	PC	
03	P-PCB BARRIER	1	PC	

7.6. P-Print Assy

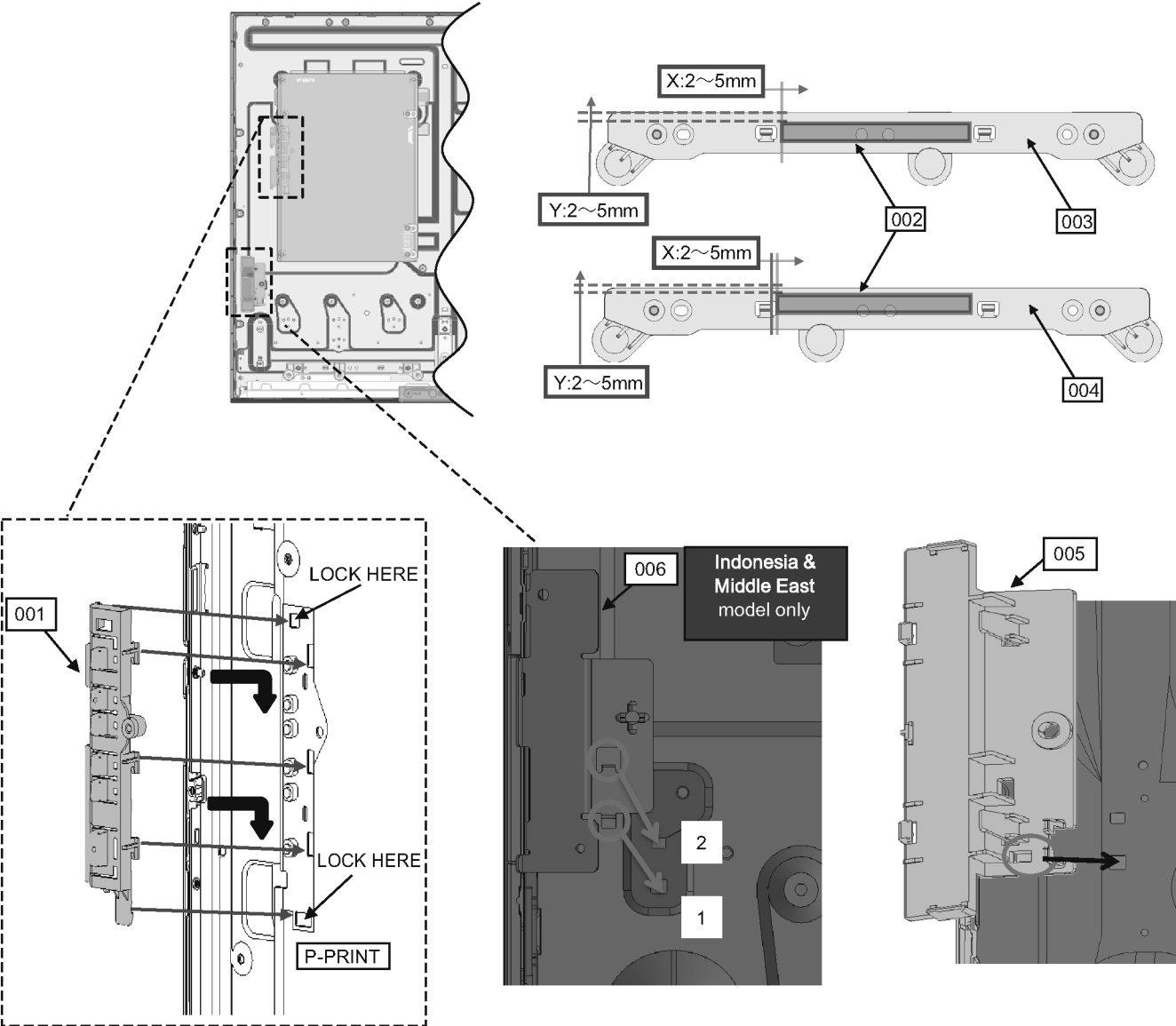
1. Fixing P-PRINT to panel.
2. Make sure hole are fully insert by guide pin.



No	Description	Qty	UOM	Remarks
001	LCD PANEL ASSY	1	PC	

7.7. Fix Ctrl Button Assy

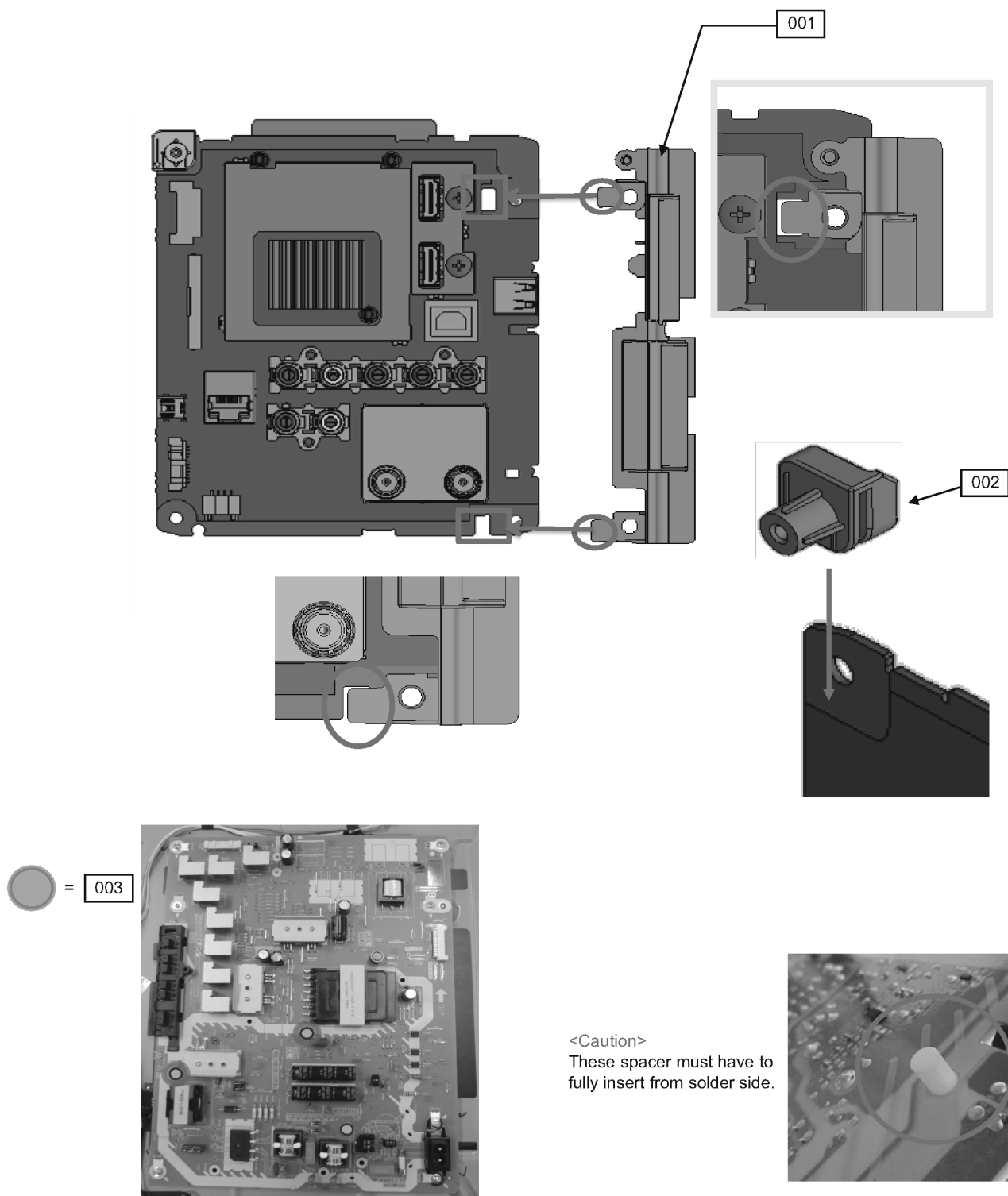
- 1. Fix KEY BUTTON BRACKET to P-PRINT.
- 2. Insert WIFI BRACKET to panel.



No	Description	Qty	UOM	Remarks
001	KEY BUTTON BRACKET	1	PC	
002	FELT (W10xL70xT0.35)	2	PC	
003	SP BRACKET(L)	1	PC	
004	SP BRACKET(R)	1	PC	
005	WIFI BRACKET	1	PC	

7.8. A-Print Assembly

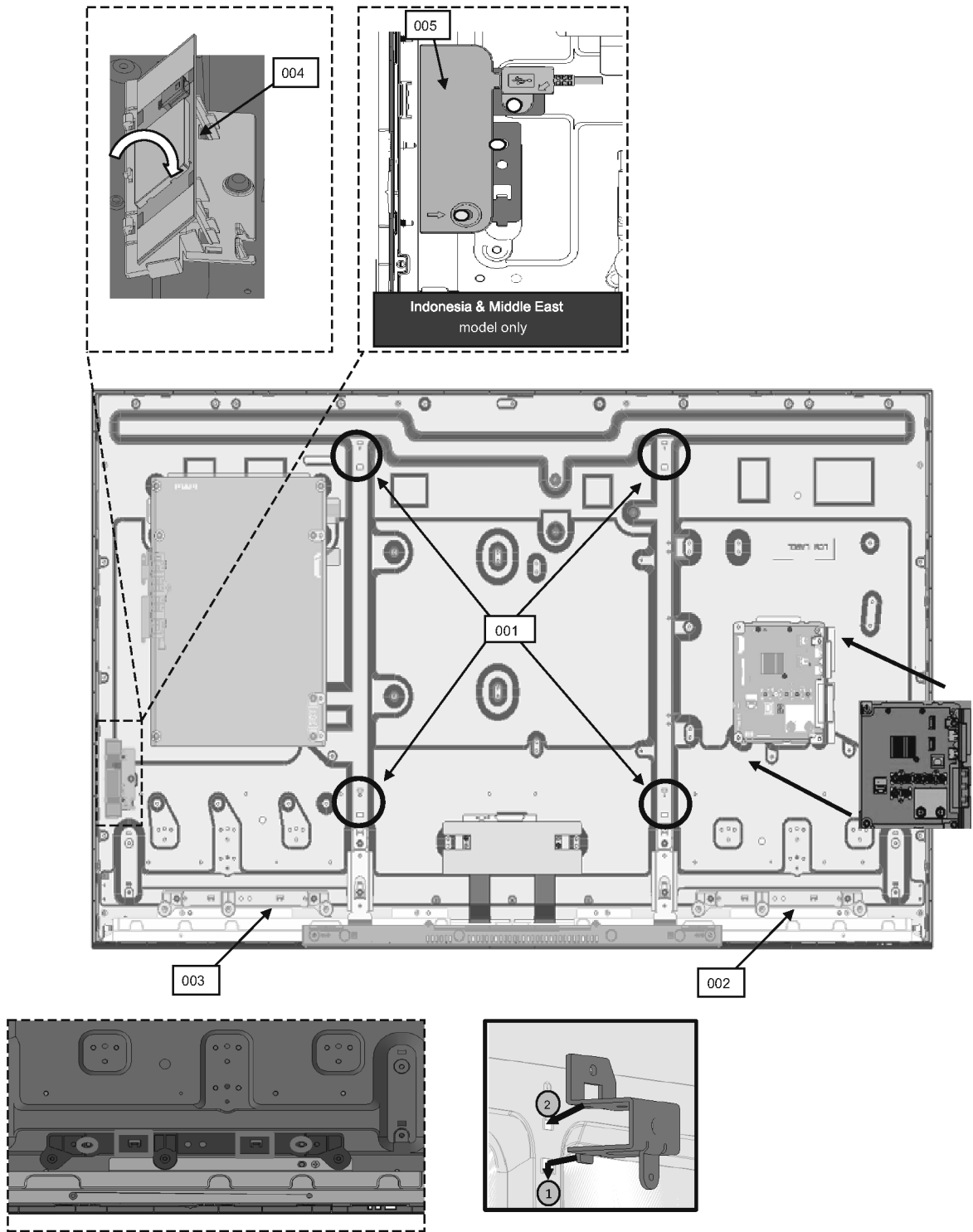
1. Fixing SIDE AV BRACKET to A-Print follow guide pin and rib hole.
2. Fix A-PCB BRACKET to A-Print follow the picture below.



No	Description	Qty	UOM	Remarks
001	SIDE_AV_BRACKET	1	PC	
002	A-PCB BRACKET	1	PC	
003	SPACER P-PCB	3	PC	

7.9. WiFi Dongle Fixing

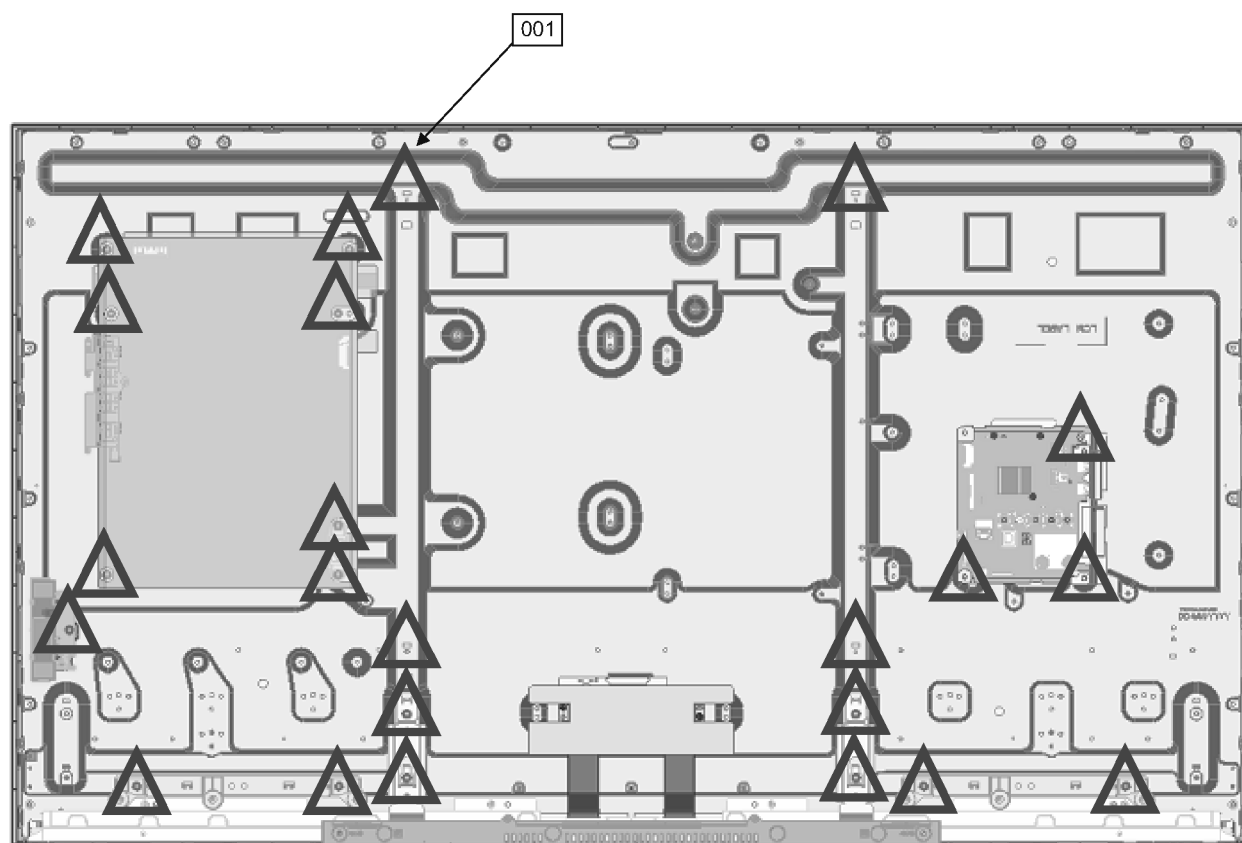
- 1. Insert VESA METAL to panel follow the step diagram as below.
- 2. Put A-Print to panel and make sure guide pin at boss is lock to A-Print.



No	Description	Qty	UOM	Remarks
001	VESA METAL	4	PC	
002	SP BRACKET(L)	1	PC	
003	SP BRACKET(R)	1	PC	
004	WIFI MODULE	1	PC	

7.10. Tightening Screw(49 Inch Only)

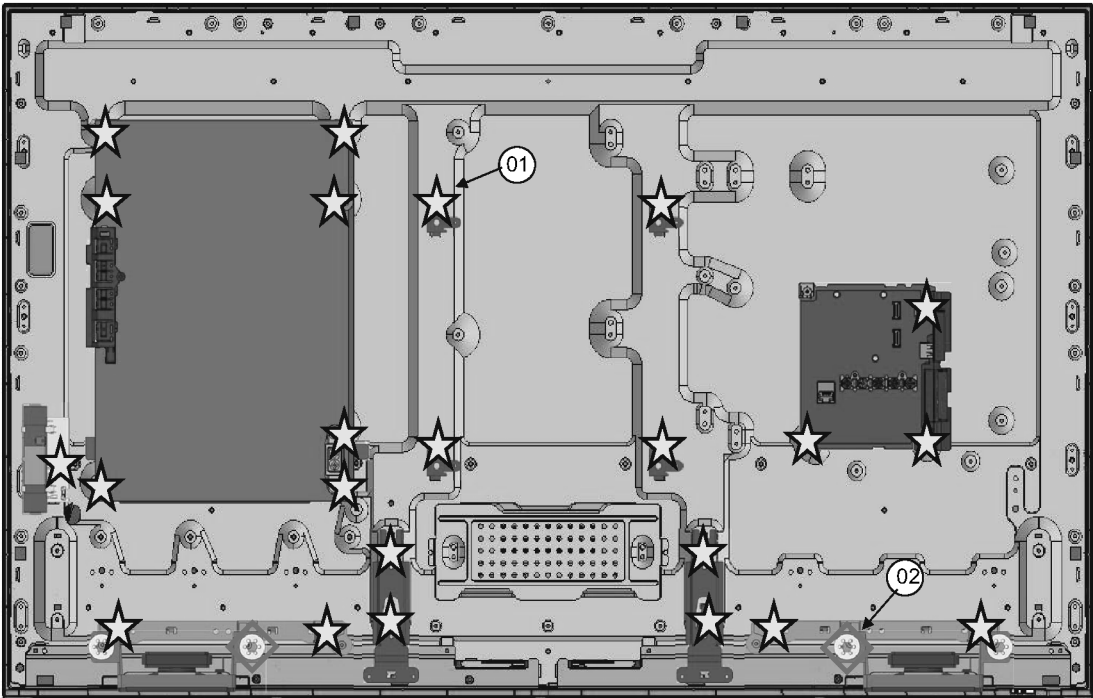
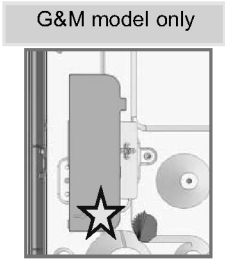
1. Screw all part follow the picture shown below.



No	Description	Qty	UOM	Remarks
001	SC(A3/P7/VESA4/SP4/M4/WIFI2/BTC2)	23	PC	5-7 Kgf.cm

7.11. Tightening Screw(43 Inch Only)

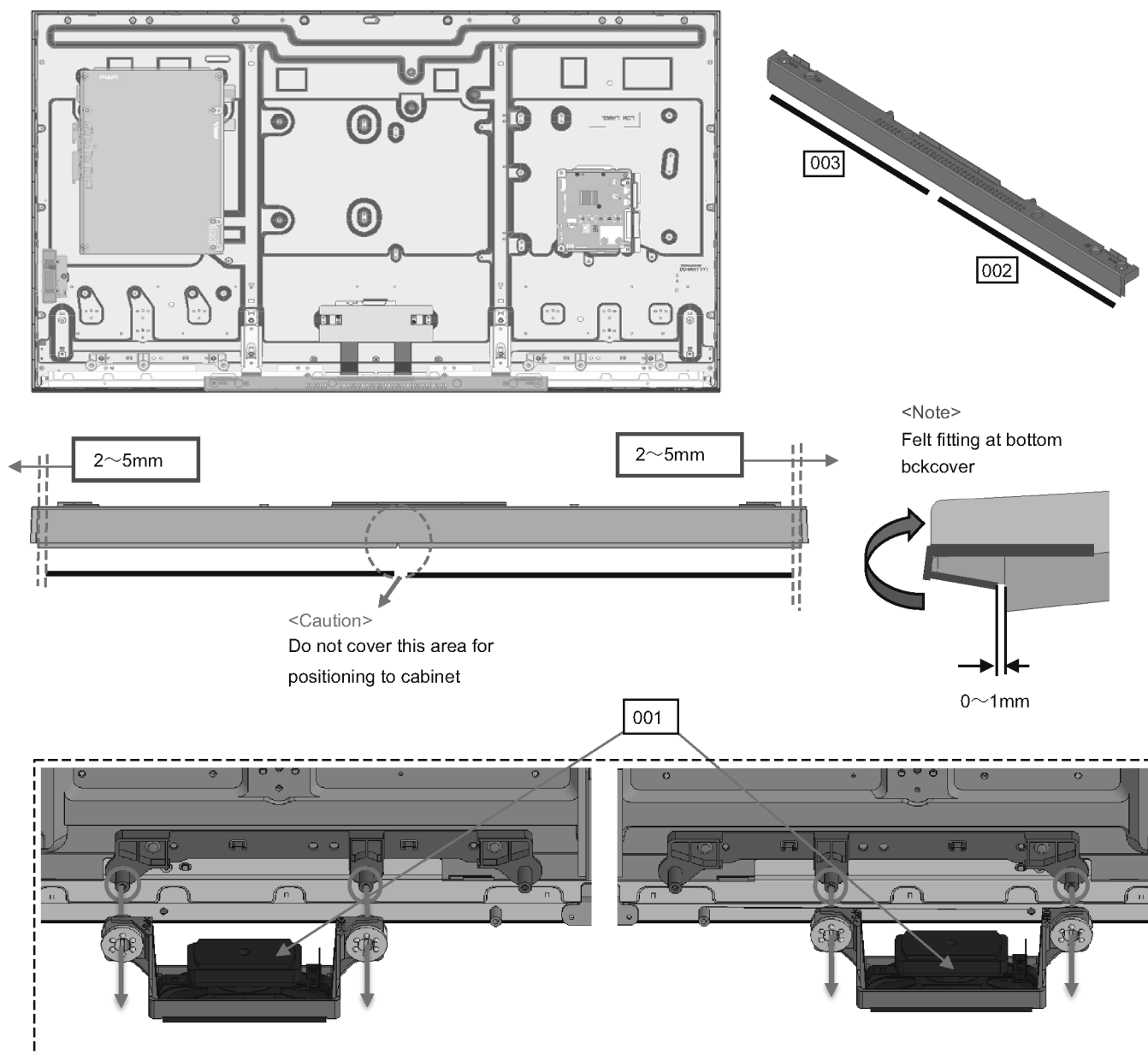
1. Fix screws with torque given.



No	Description	Qty	UOM	Remarks
01	SC(A3/P7/VESA4/SP4/M4/WIFI2/BTC2)	23	PC	6±1kgf.cm
02	SCREW(SP2)	2	PC	6±1kgf.cm

7.12. SP Assy & Felt Sticking

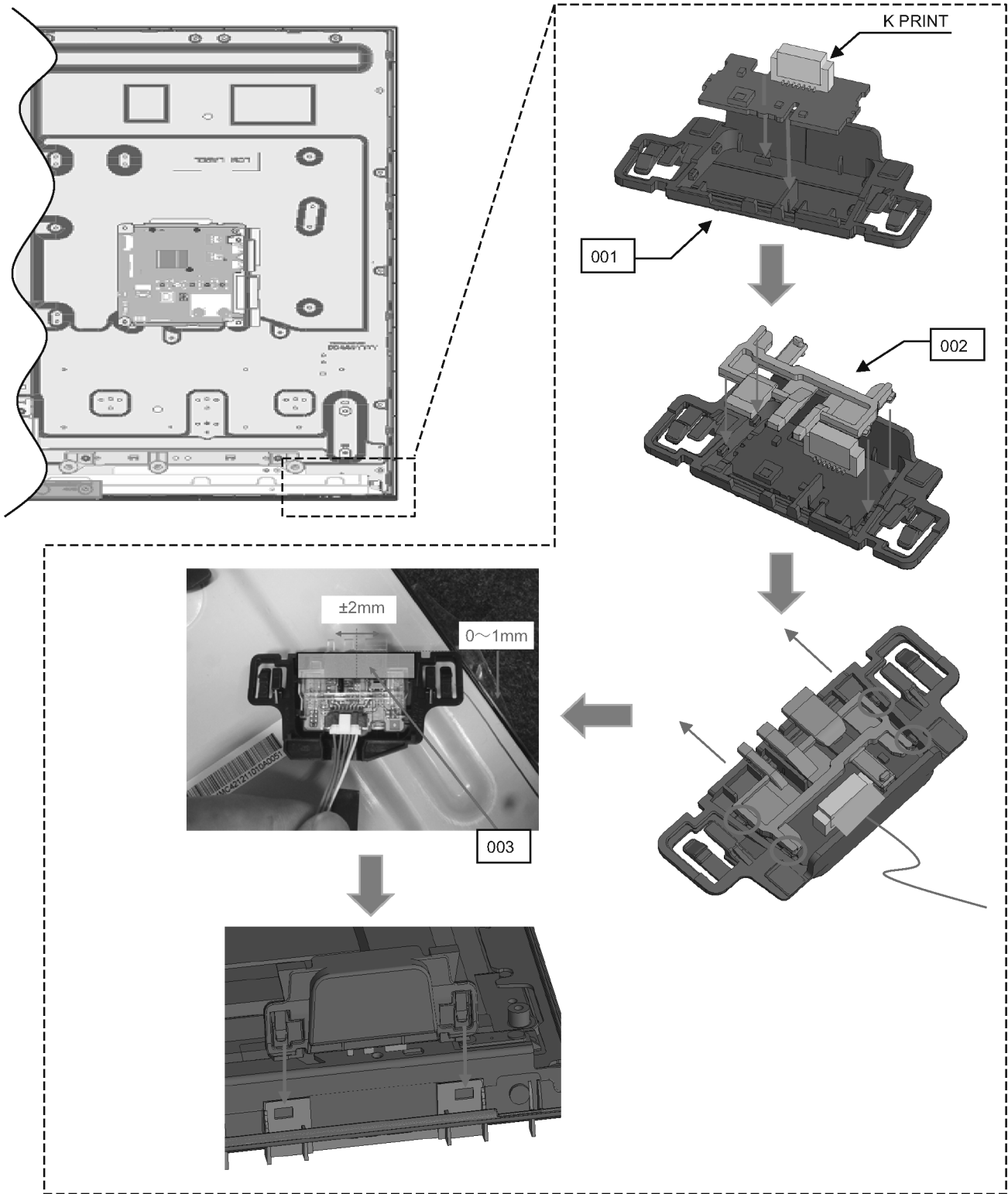
1. Insert P-Print and A-Print board at Panel.
2. Fixing all screw at panel, bracket and metal part.



No	Description	Qty	UOM	Remarks
001	SPEAKER UNIT	2	PC	
002	FELT (W10xL270xT0.35)	1	PC	
003	FELT (W10xL240xT0.35)	1	PC	

7.13. LED Panel Assy

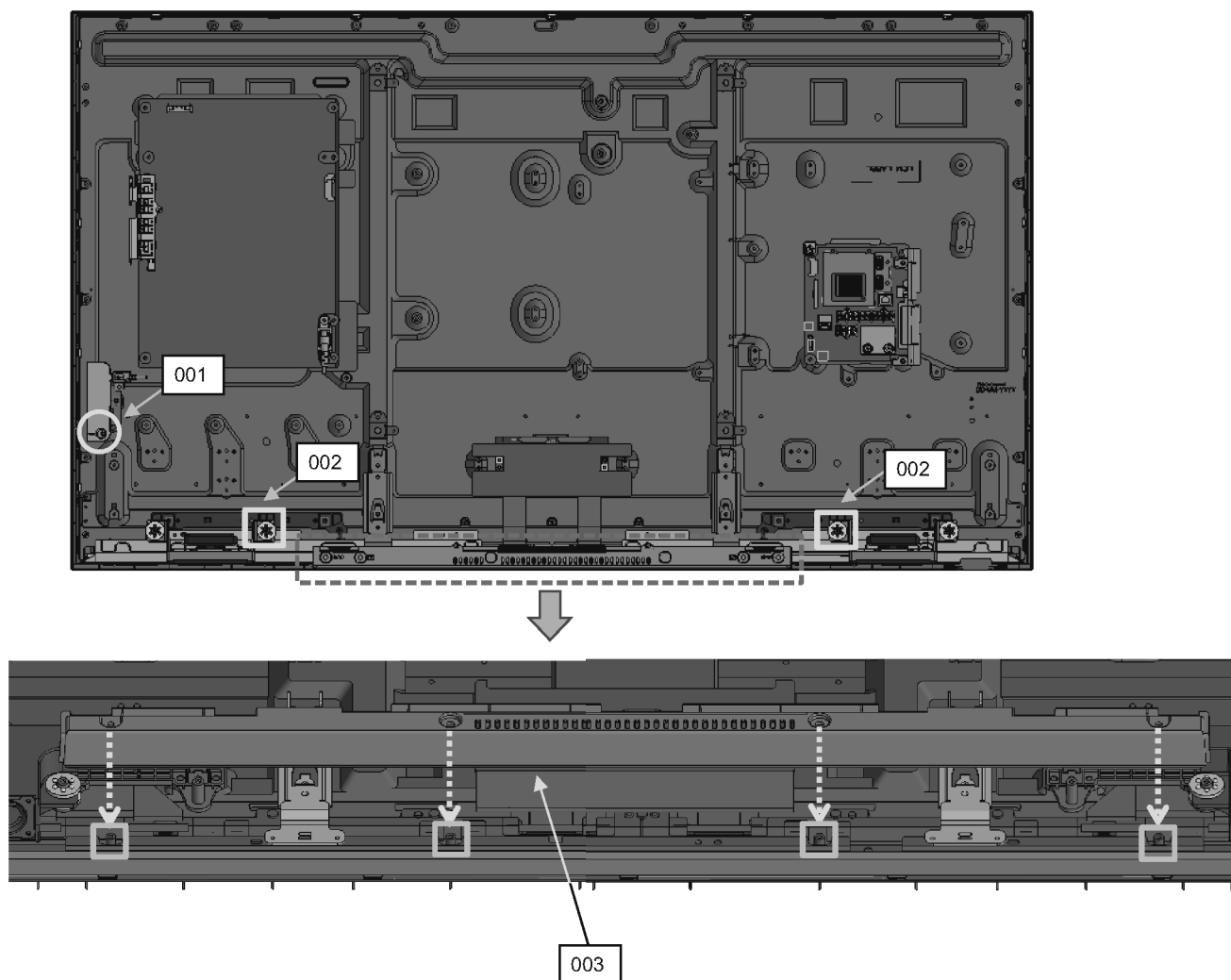
- 1. Attach K-PRINT on LED PANEL CASE.
- 2. Attach LED PANEL.
- 3. Slide LED PANEL & confirm fitting of click.
- 4. Stick the SPONGE to LED PANEL ASSY.
- 5. Attach to CABINET & confirm click of fitting.



No	Description	Qty	UOM	Remarks
001	LED PANEL CASE	1	PC	
002	LED PANEL	1	PC	
003	SPONGE(LED)	1	PC	

7.14. Bottom Back Cover

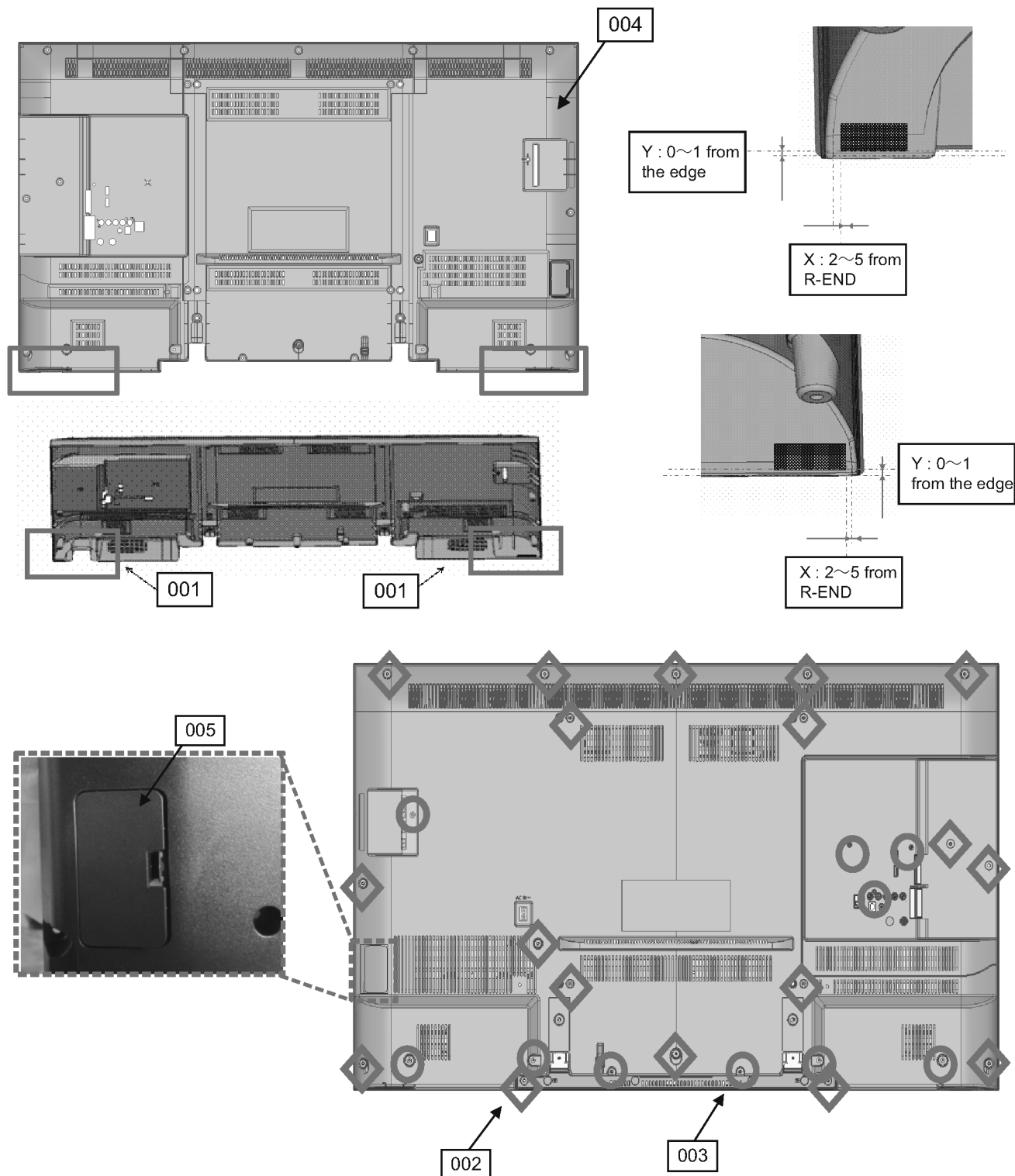
1. Fix screw to all part follow below display.



No	Description	Qty	UOM	Remarks
001	SC(A3/P7/VESA4/SP4/M4/WIFI1)	1	PC	5-7 Kgf.cm
002	SCREW(SP2)	2	PC	5-7 Kgf.cm
003	BOTTOM BACK COVER	1	PC	

7.15. Back Cover Assy(49 Inch Only)

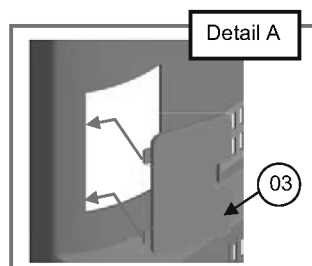
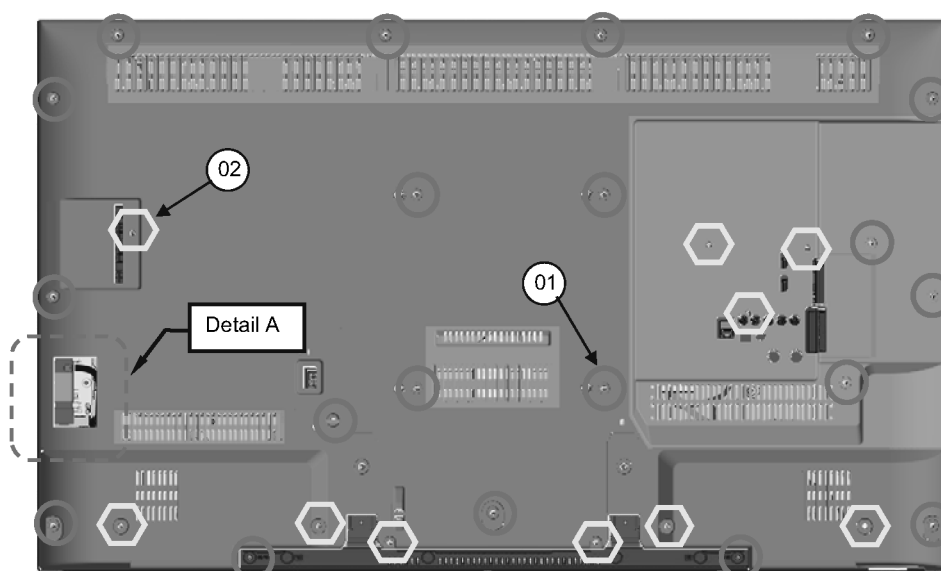
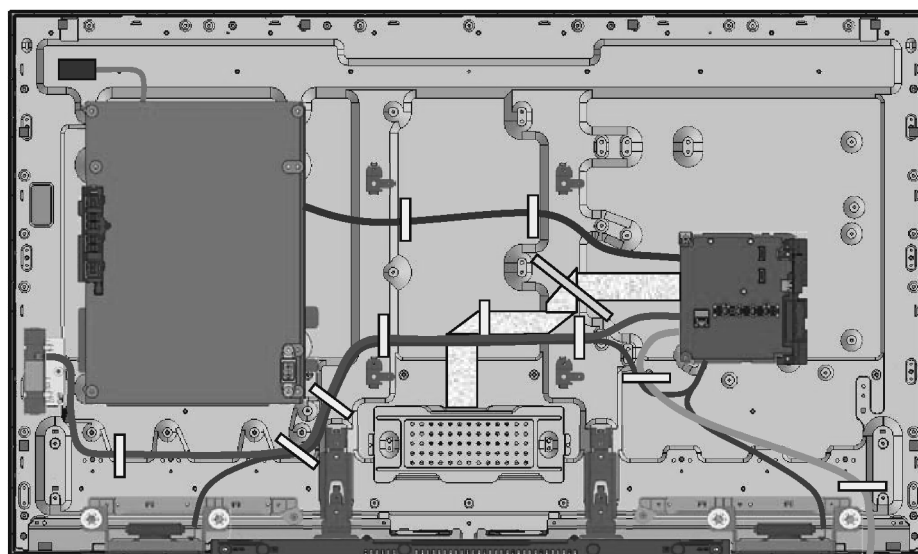
1. Stick felt follow the tolerance given as below.
2. Tight all screw (2 types) follow the torque given.
3. Only Indonesian model will have dongle cover at backcover.



No	Description	Qty	UOM	Remarks
001	FELT (W10xL15xT0.35)	2	PC	
002	SCREW(VESA4/BC14)	18	PC	5-7 Kgf.cm
003	SCREW(SP4/KEY1/AV3/BTMCVR2)	10	PC	5-7 Kgf.cm
004	BACK COVER	1	PC	
005	DONGLE COVER	1	PC	

7.16. Back Cover Assy(43 Inch Only)

1. Install bottom b/cover and backcover and fix with screws.
2. Install dongle cover.



No	Description	Qty	UOM	Remarks
01	SCREW(BC16/VESA4)	20	PC	6±1kgf.cm
02	SCREW(SP4/KEY1/AV3/ BTMCVR2)	10	PC	6±1kgf.cm
03	DONGLE COVER	1	PC	

7.17. Handling SPEC

■ Moving the LCD module

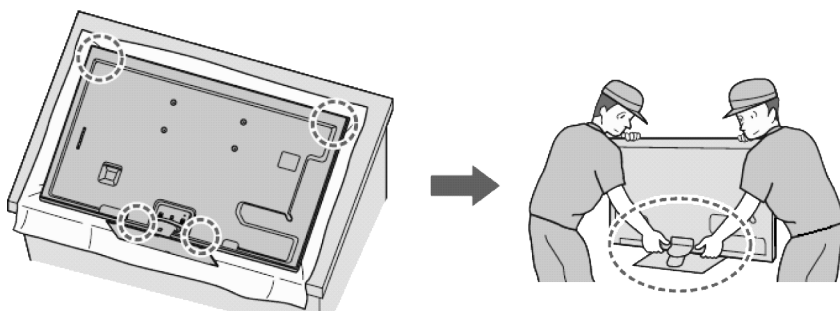
The module should be handle by two people and hold on that top and bottom long side by both hands without module warping. Never handle the module with keeping horizontal position when moving the module in order to avoid internal damage and deformation. Never drop or hit the module.

■ About the work table

When tightening a screw, retention structures are required not to deform the LCD module.

■ Moving the TV (Case with a stand)

Hold the specified parts as shown to stand the TV up and move it with two people.



8 Measurements and Adjustments

8.1. Voltage chart of A-board

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

Power Supply Name	Measurement Point	Specification
PANEL12V	TP4097	11.3V - 13V
SUB3.3V	TP5400	3.16V - 3.48V
SUB5V	TP5420	4.98V - 5.25V
SUB1.5V	TP8101	1.45V - 1.57V
SUB1.1V	TP8100	1.14V - 1.26V
STB5V	TP5200	4.9V - 5.4V
STB3.3V	TP5002	3.14V - 3.46V
HDMI3.3V	TP8000	3.14V - 3.46V

8.2. Voltage chart of P-board

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

Output	Test Point	Specification	
		Step 1	Step 2
40V	TP7407	<1V	40 ± 3.5V
16V	TP7410	<1V	15.7 ± 0.6V
5VS	TP7501	5.2 ± 0.2V	5.2 ± 0.2V
PFC	TP7201 or TP7202	<340V	390V ± 15V

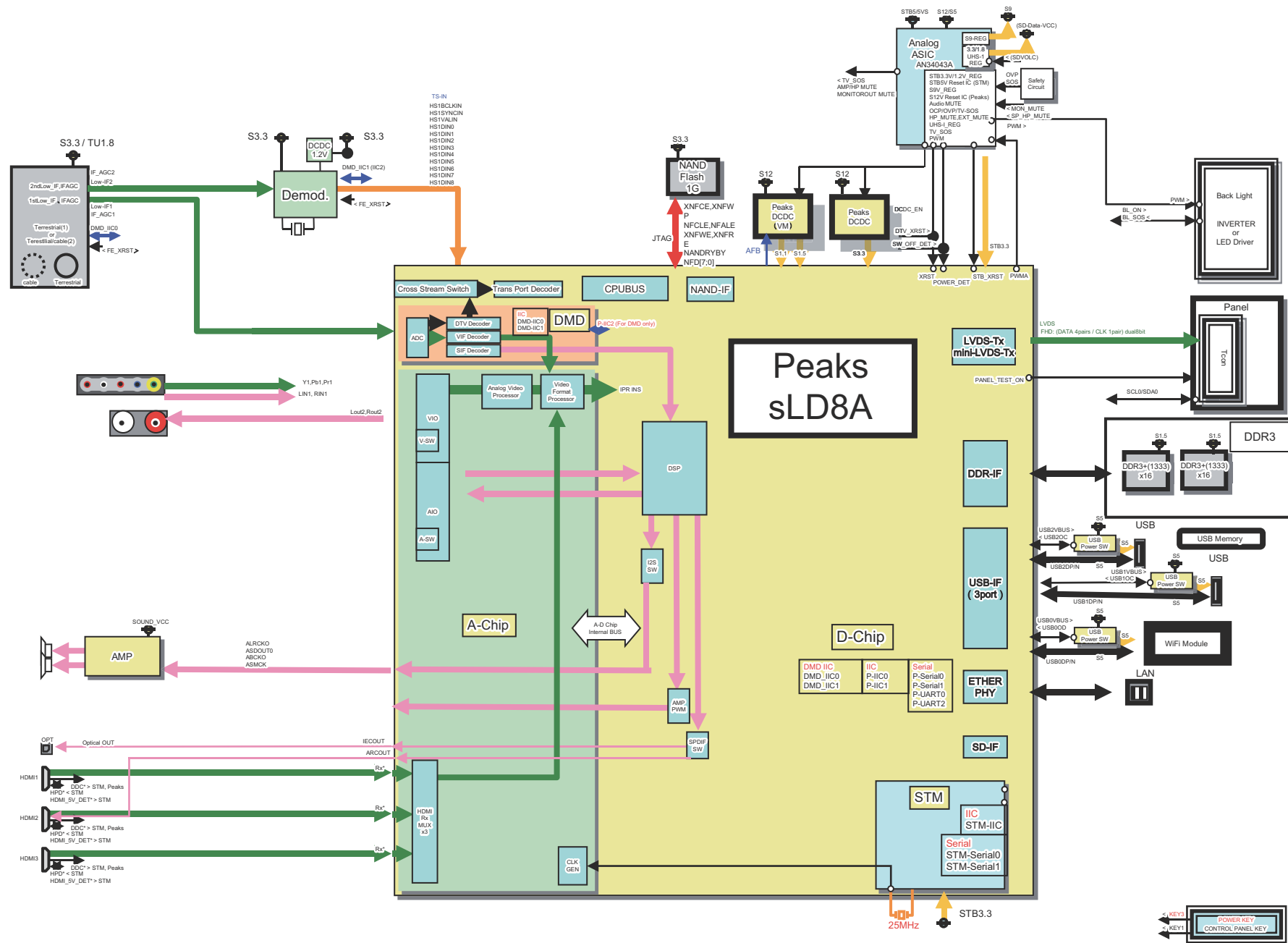
*HOT

Step 1 Supply AC 110V/230V to JK7101 connector in the P-Board. Main power button is OFF.

Step 2 Supply DC 2.5V to TV_SUB_ON P2 connector - pin 9 (TNPA6070: TP7416), displayed as SWITCH.

NOTE : TNPA6070BA,BB,BE > AC supply is 110V
 TNPA6070EA,ED,DH,EE,EF,DJ,EP,EQ,DP > AC supply is 230V

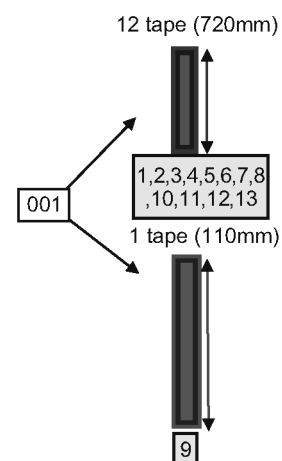
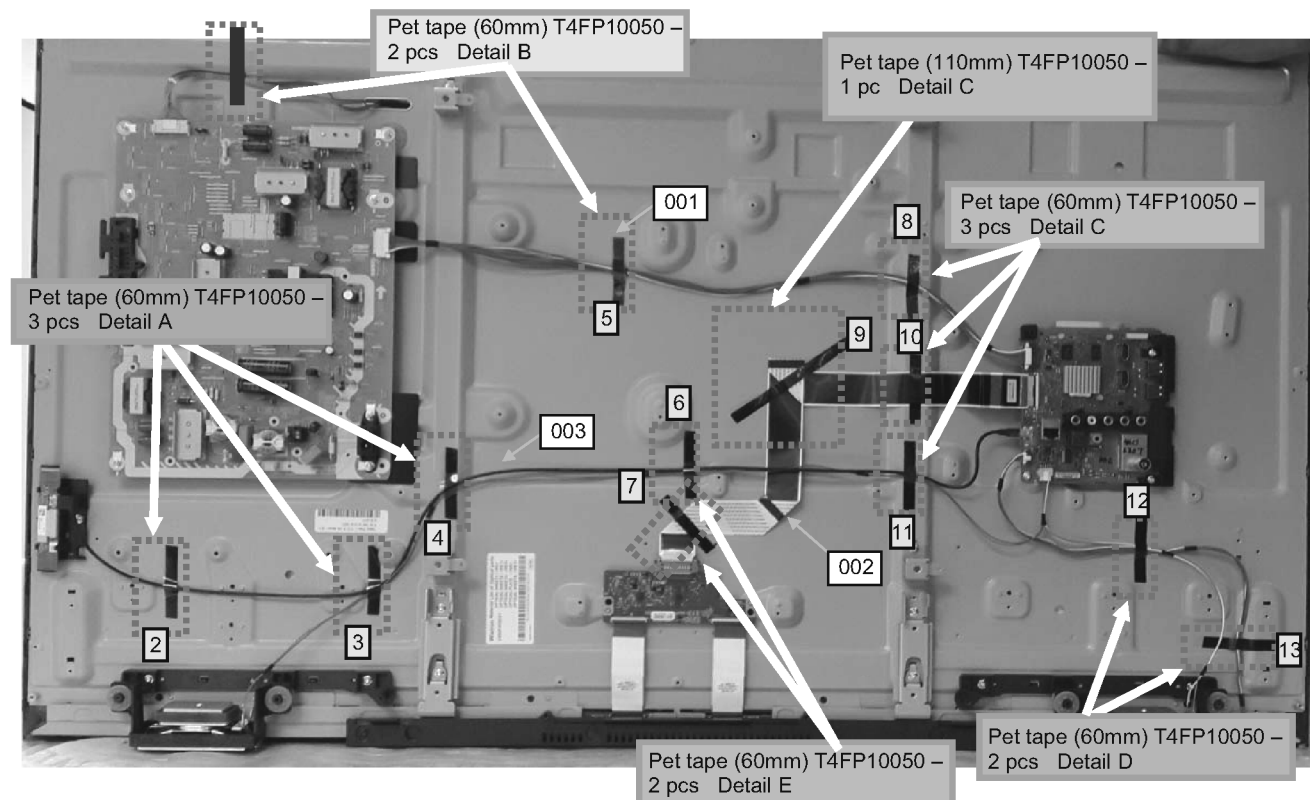
9 Block Diagram



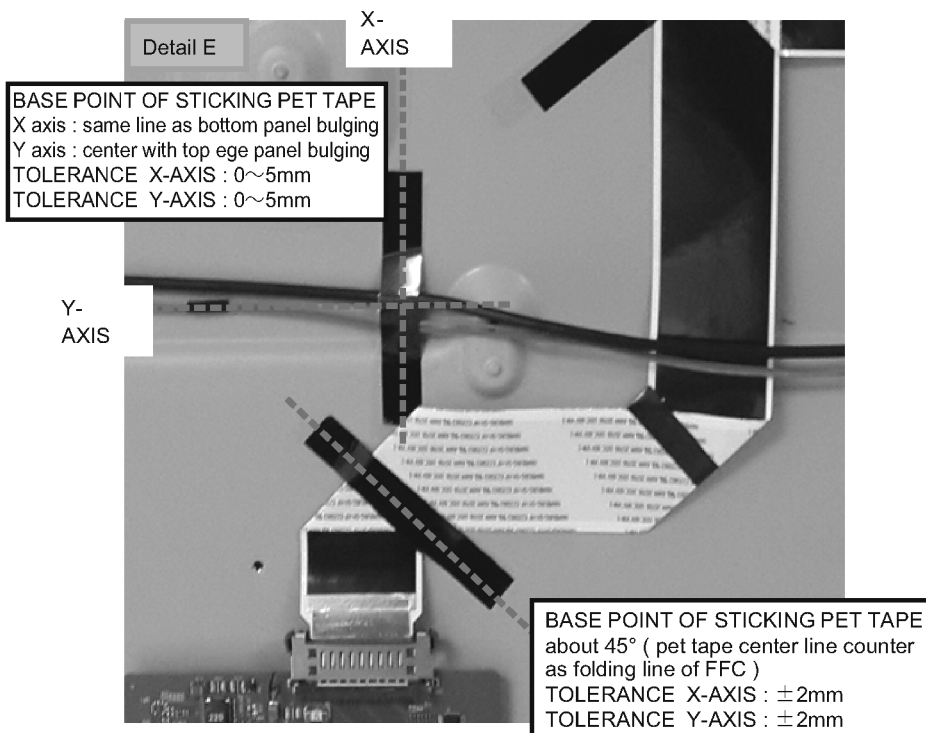
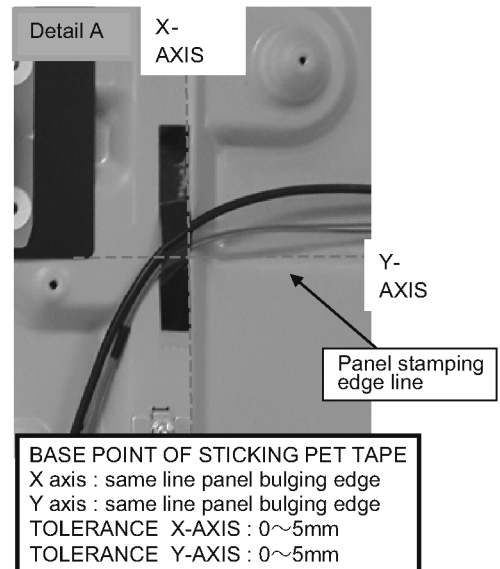
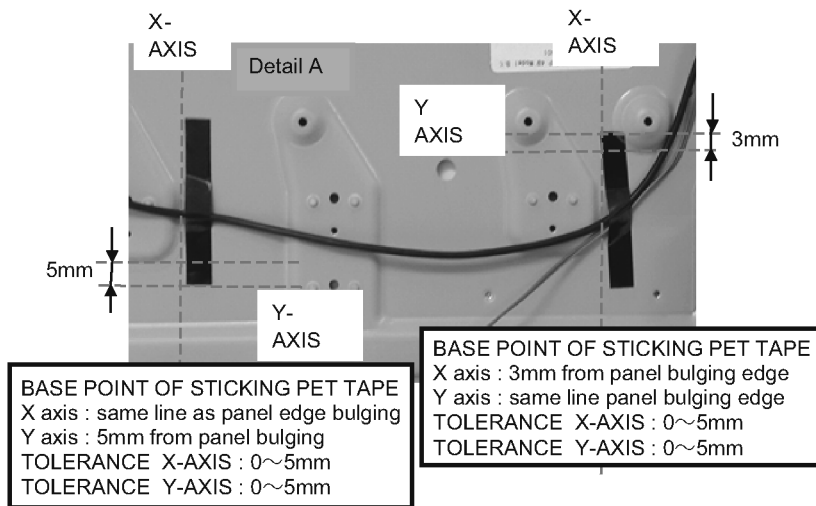
10 Wiring Connection Diagram

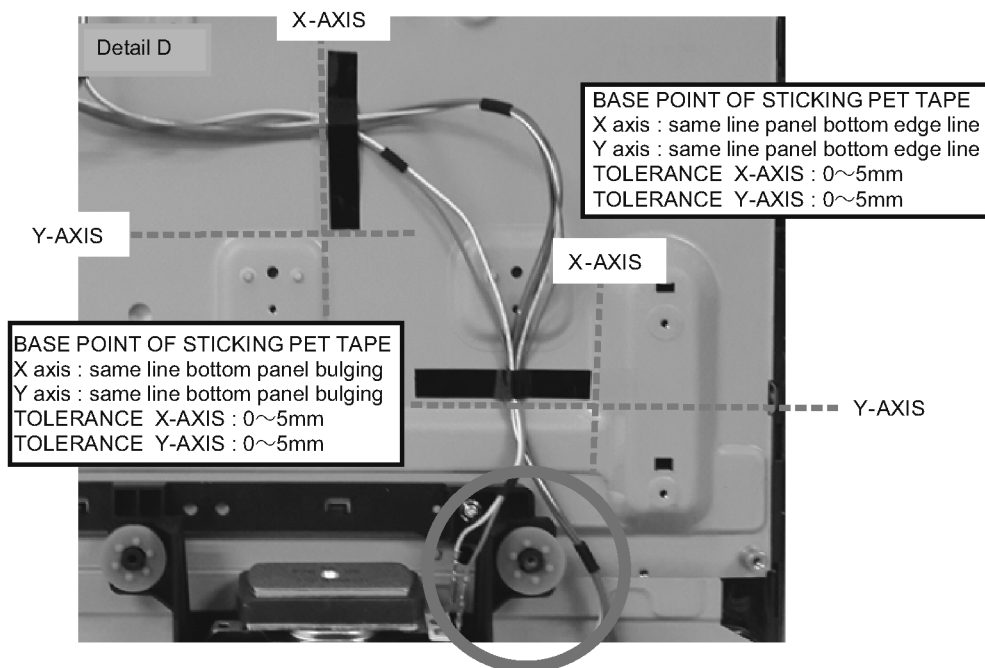
10.1. Wire Dressing (49 Inch Only)

1. Connect all WIRE.
2. Fix all PET TAPE.



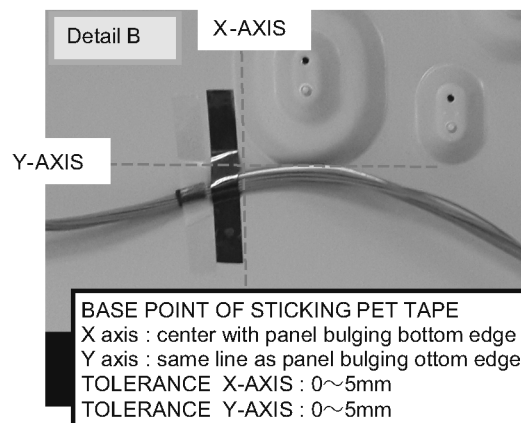
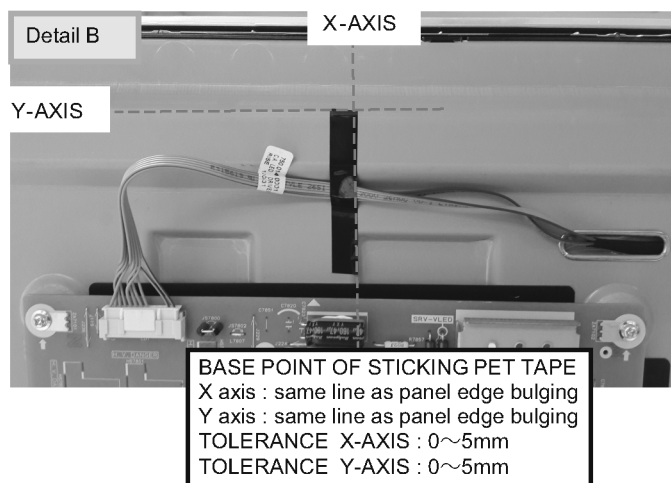
No	Description	Qty	UOM	Remarks
001	PET TAPE	0.82	MT	
002	LVDS CABLE	1	PC	
003	WIFI USB CABLE	1	PC	





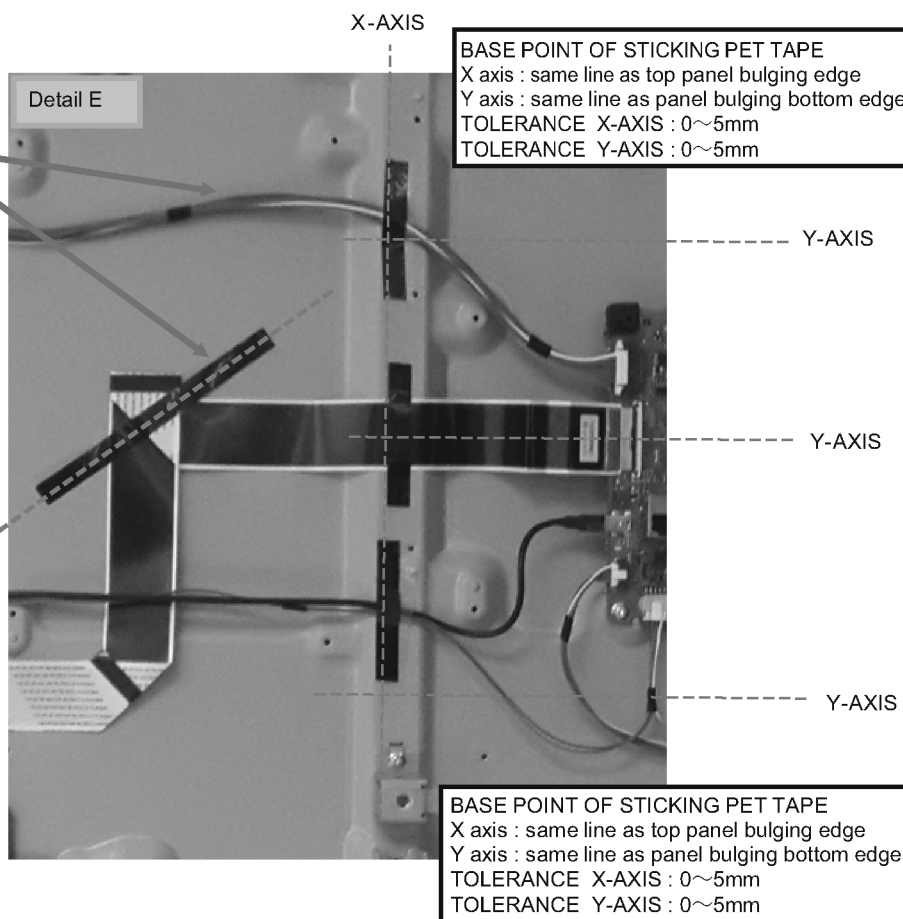
<Caution>

Make sure SP wire and LED wire not cover and overlap with screw hole.



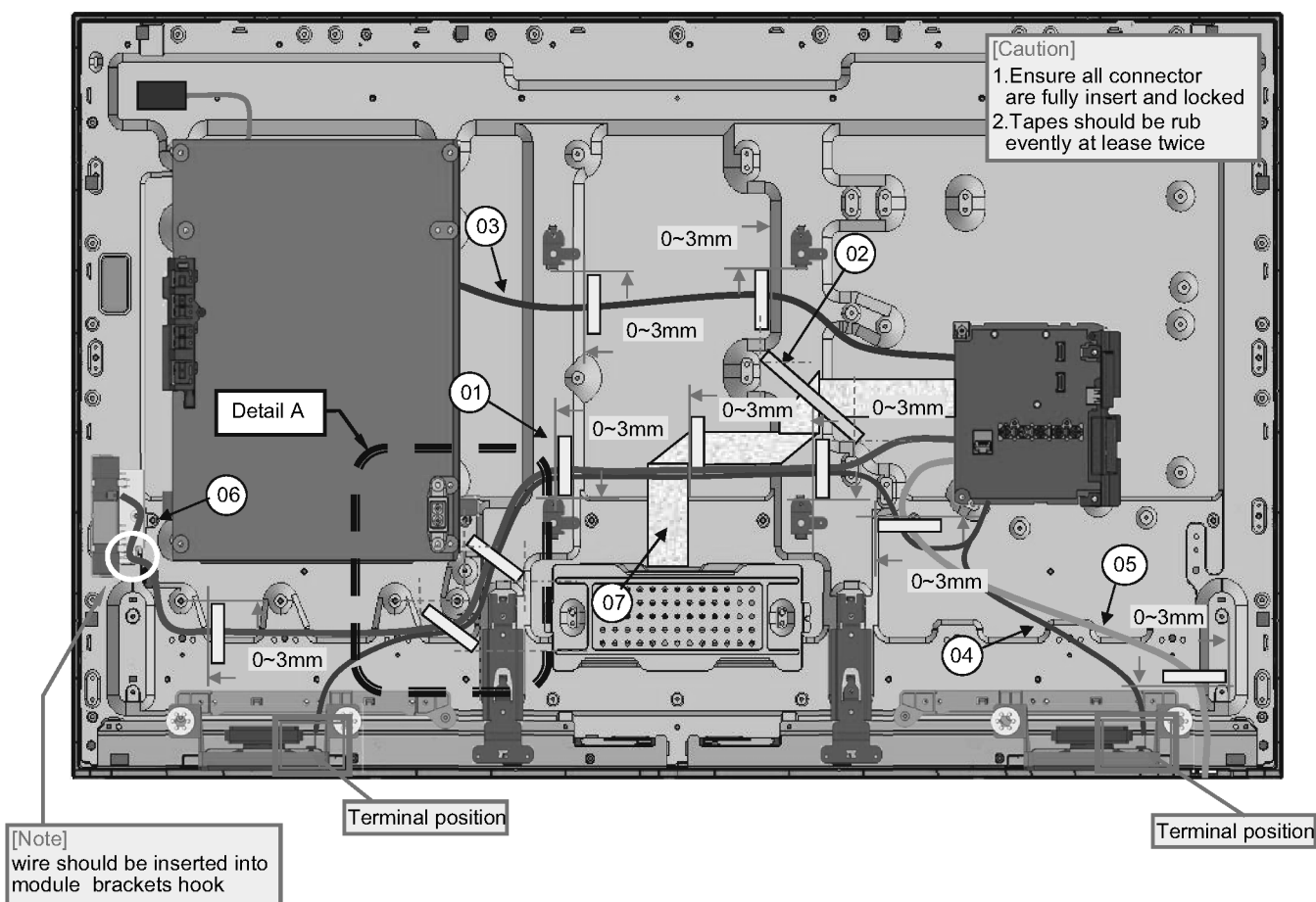
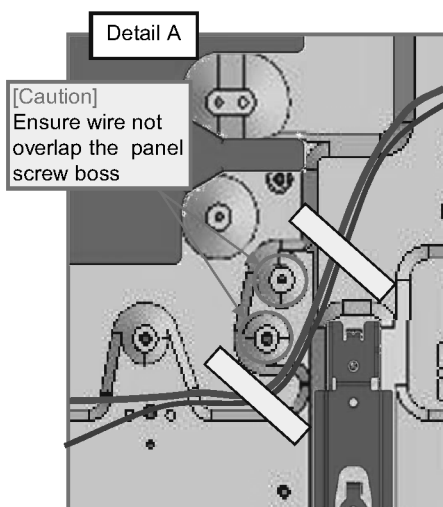
CAUTION POINT :
PLEASE DO NOT STICK ONTO
THE A BOARD -P BOARD WIRE.
STICK DIRECTLY ON PANEL
SURFACE

BASE POINT OF STICKING PET TAPE
about 45° (pet tape center line counter
as folding line of FFC)
TOLERANCE X-AXIS : $\pm 2\text{mm}$
TOLERANCE Y-AXIS : $\pm 2\text{mm}$

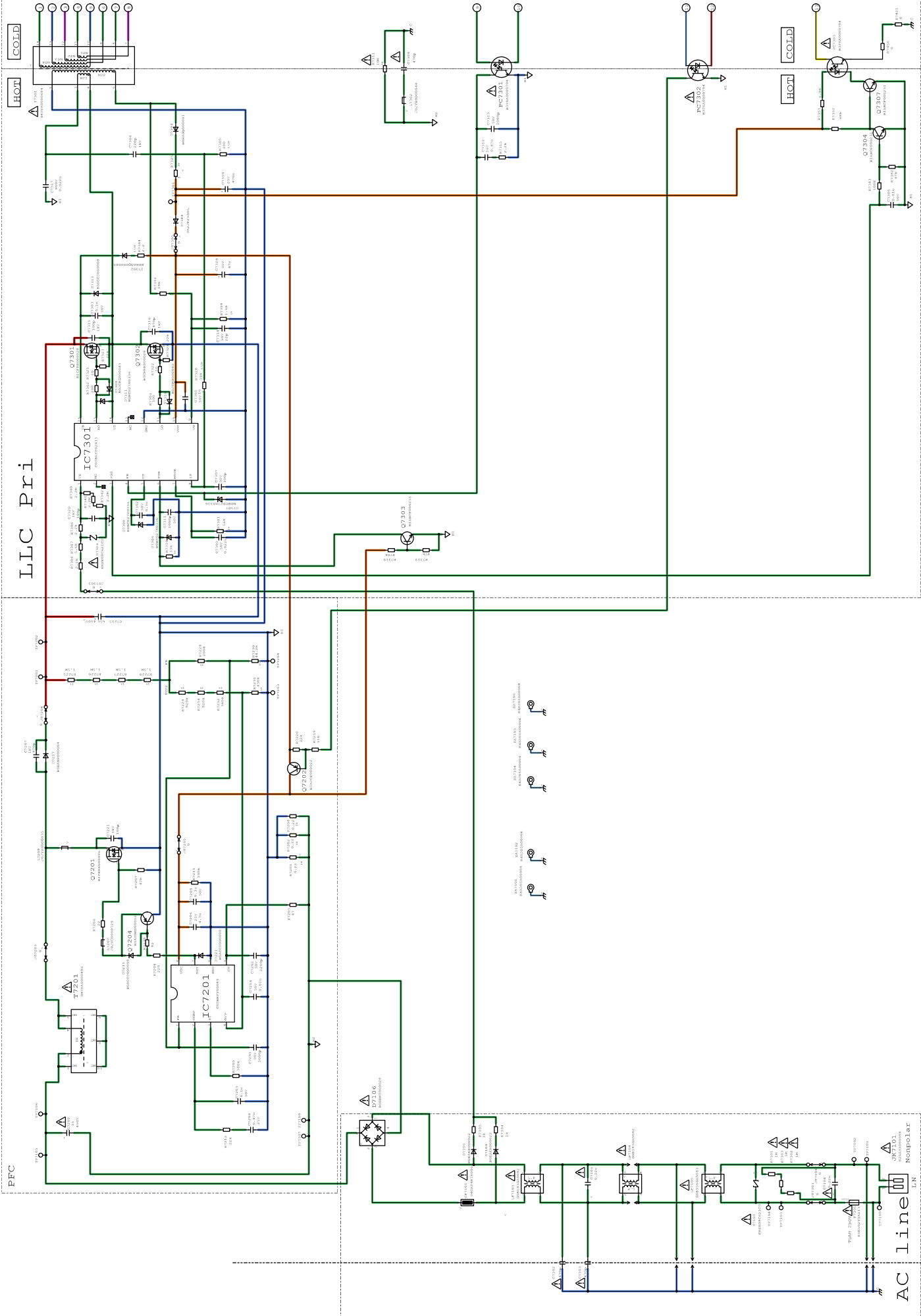


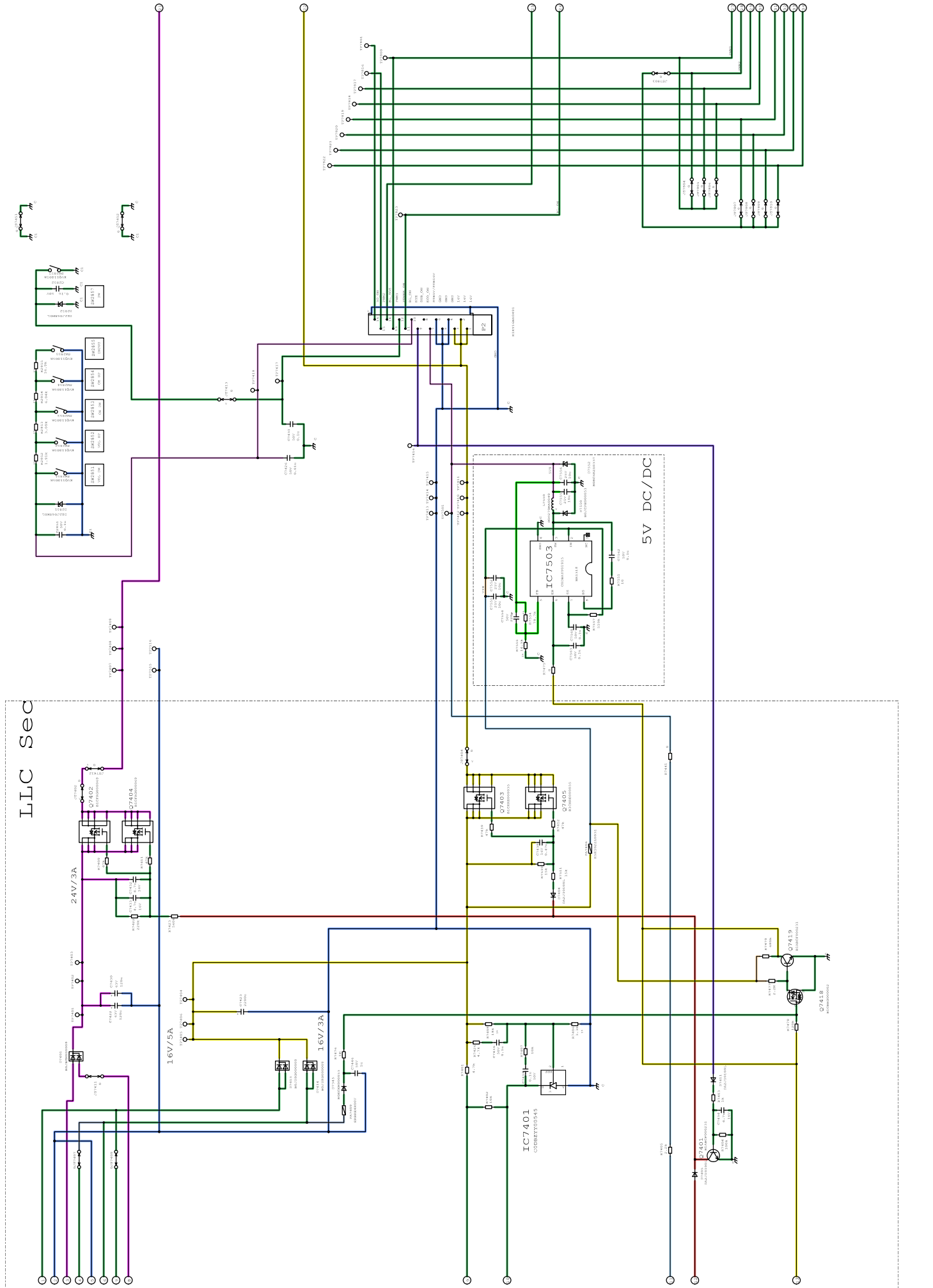
10.2. Wire Dressing (43 Inch Only)

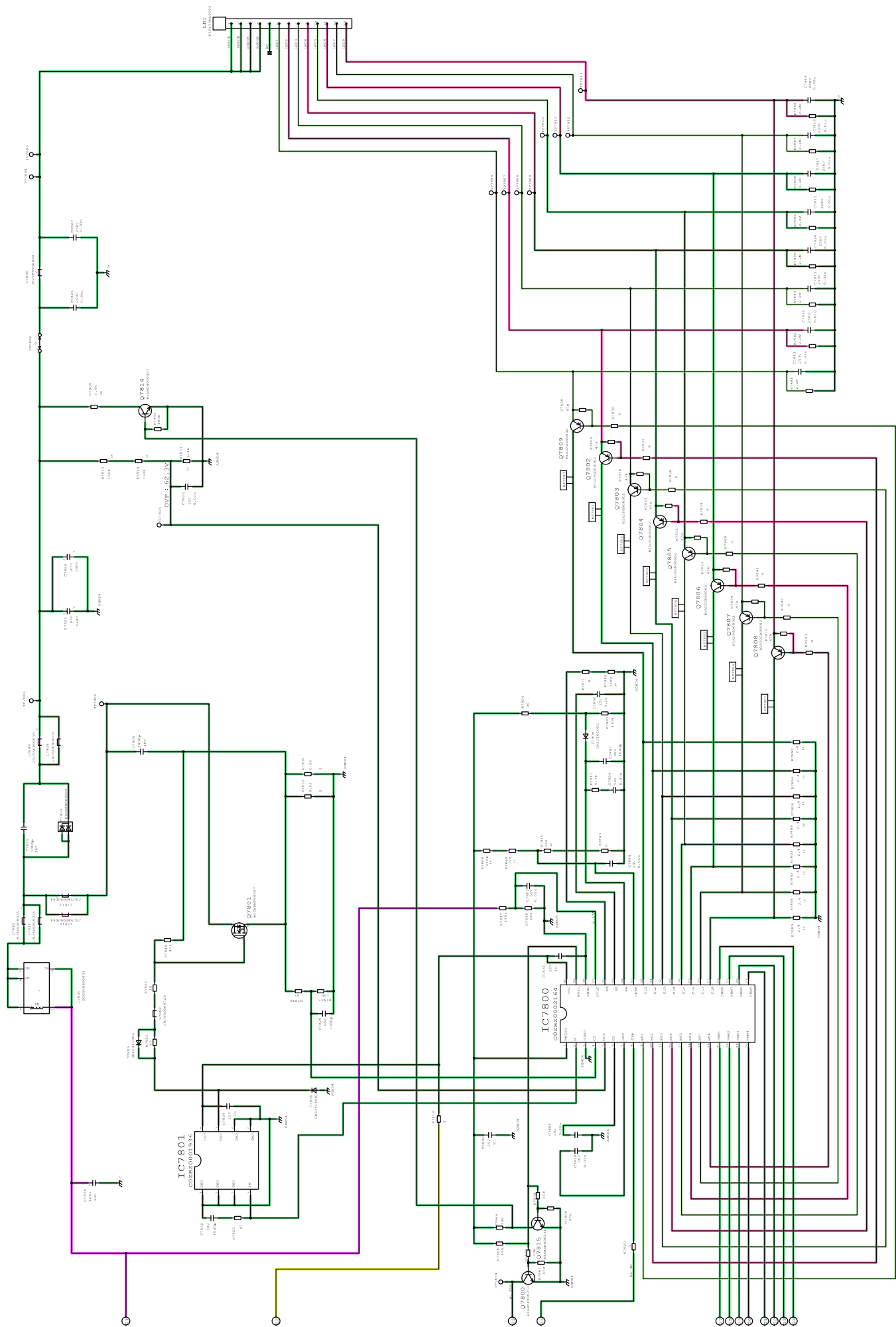
1. Connect all WIRE.
2. Fix all PET TAPE.

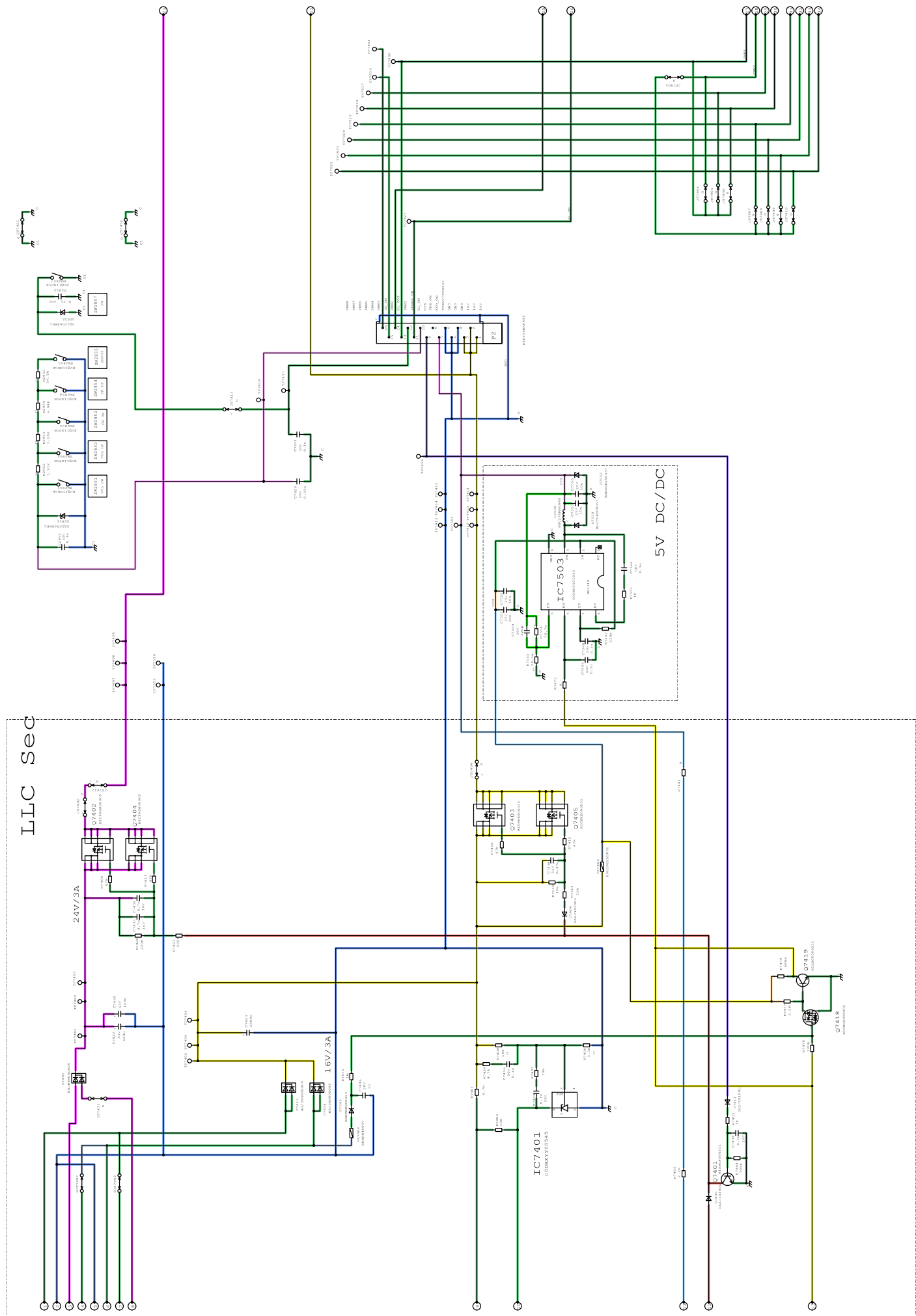


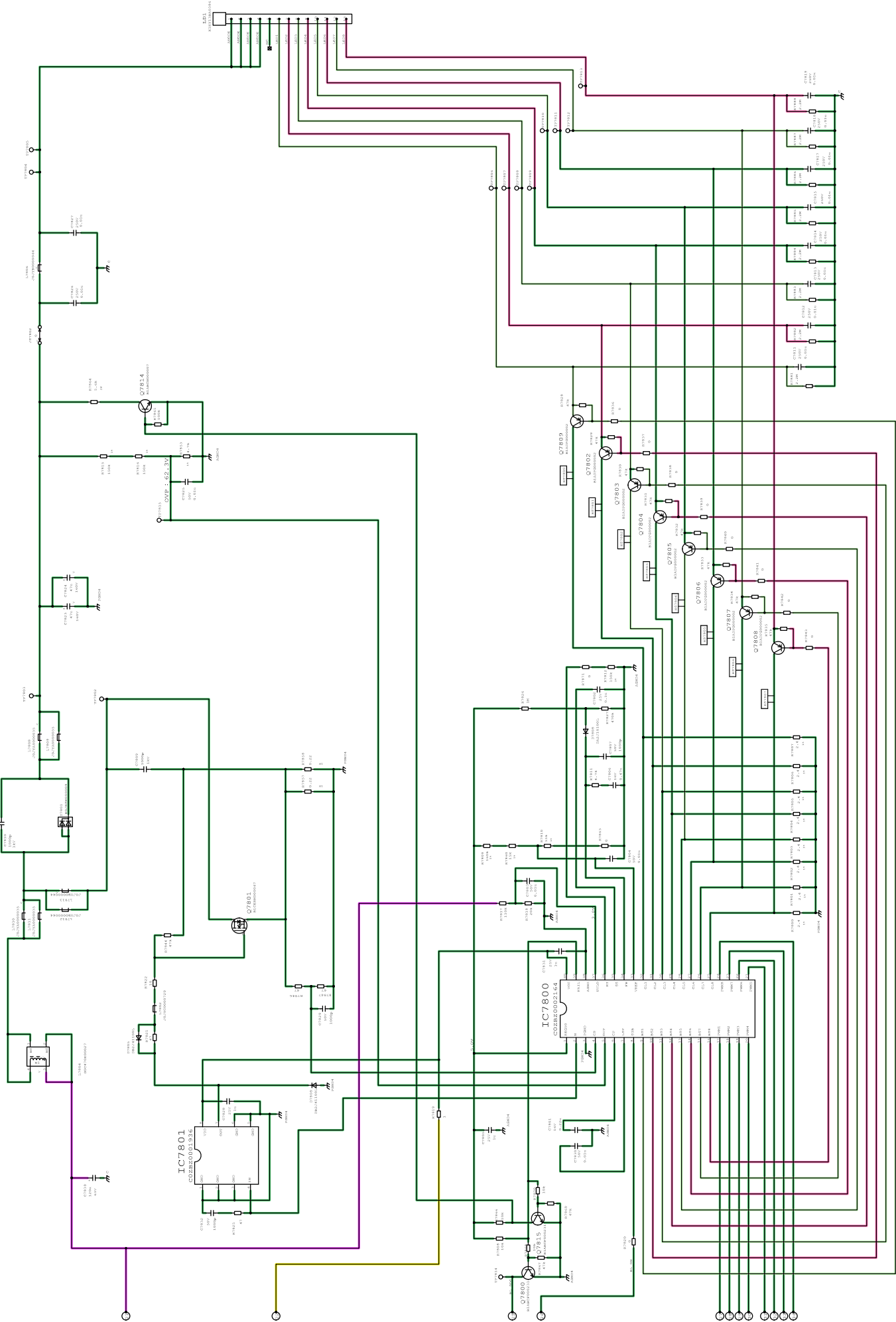
No	Description	Qty	UOM	Remarks
01	PET TAPE	0.71	WT	60mm x 10
02				110mm x 1
03	WIRE(A02-P2)	1	PC	
04	WIRE(A12-SPL/SPR)	1	PC	
05	WIRE(A10-K10/BT)	1	PC	
06	WIFI USB CABLE	1	PC	
07	TSCKF0170183 LVDS CABLE	1	PC	



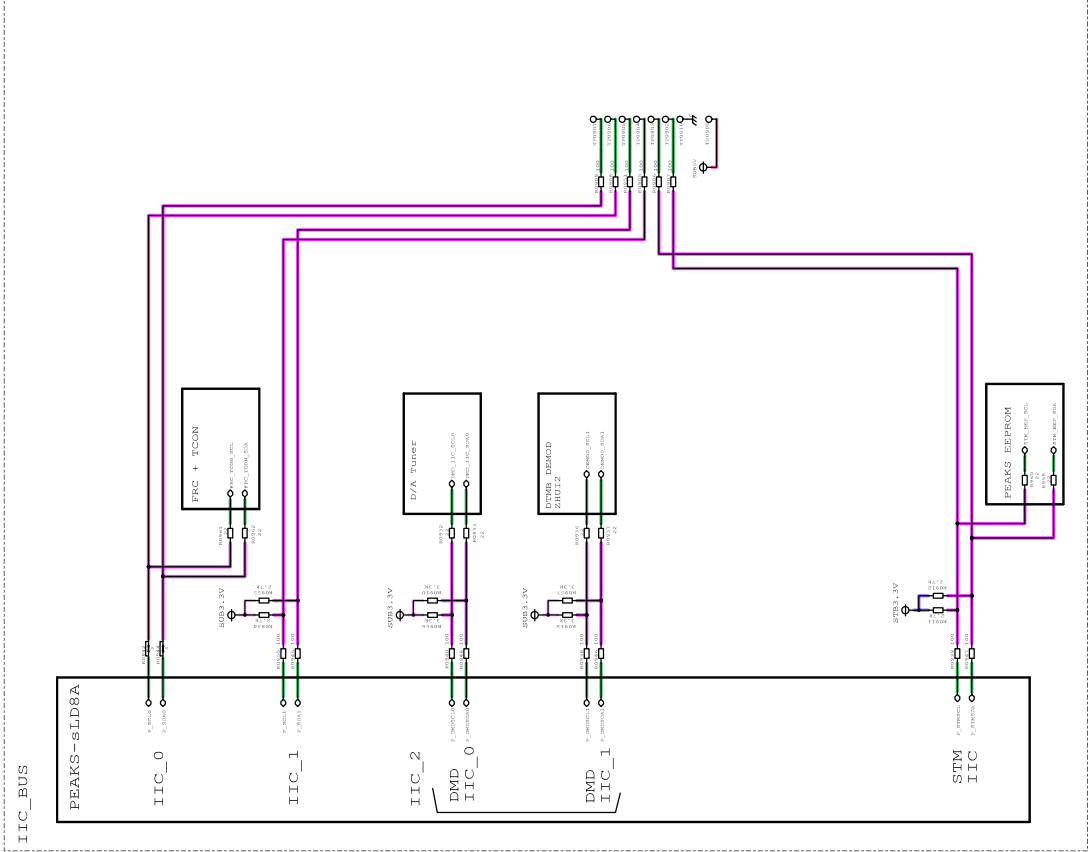






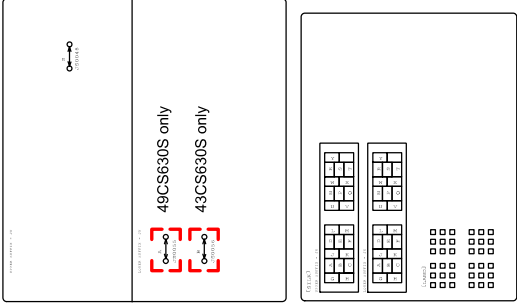


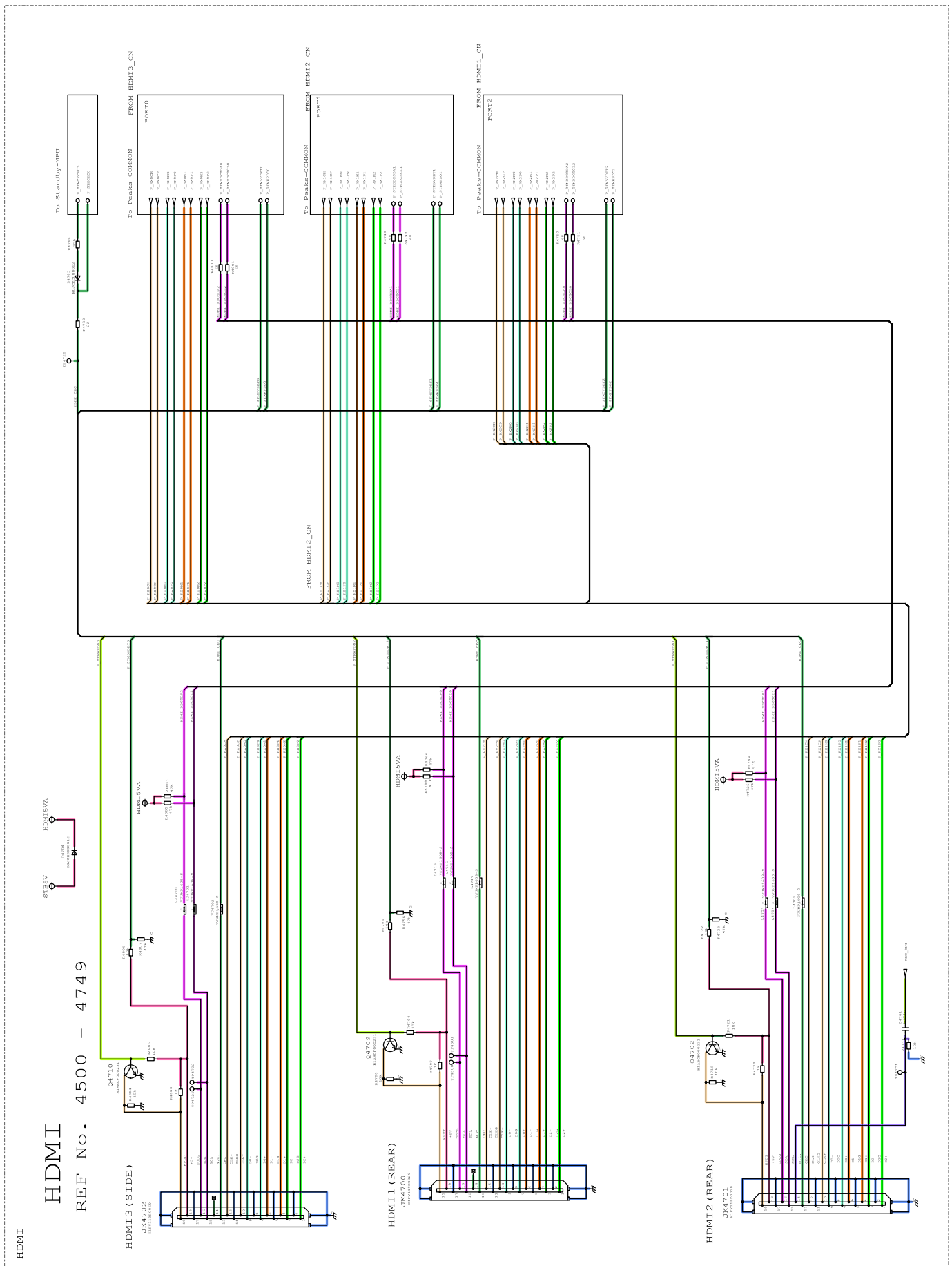
IIC Net
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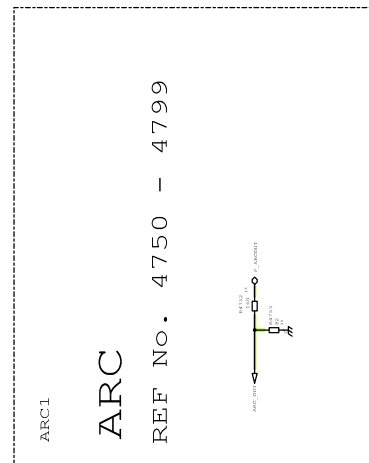
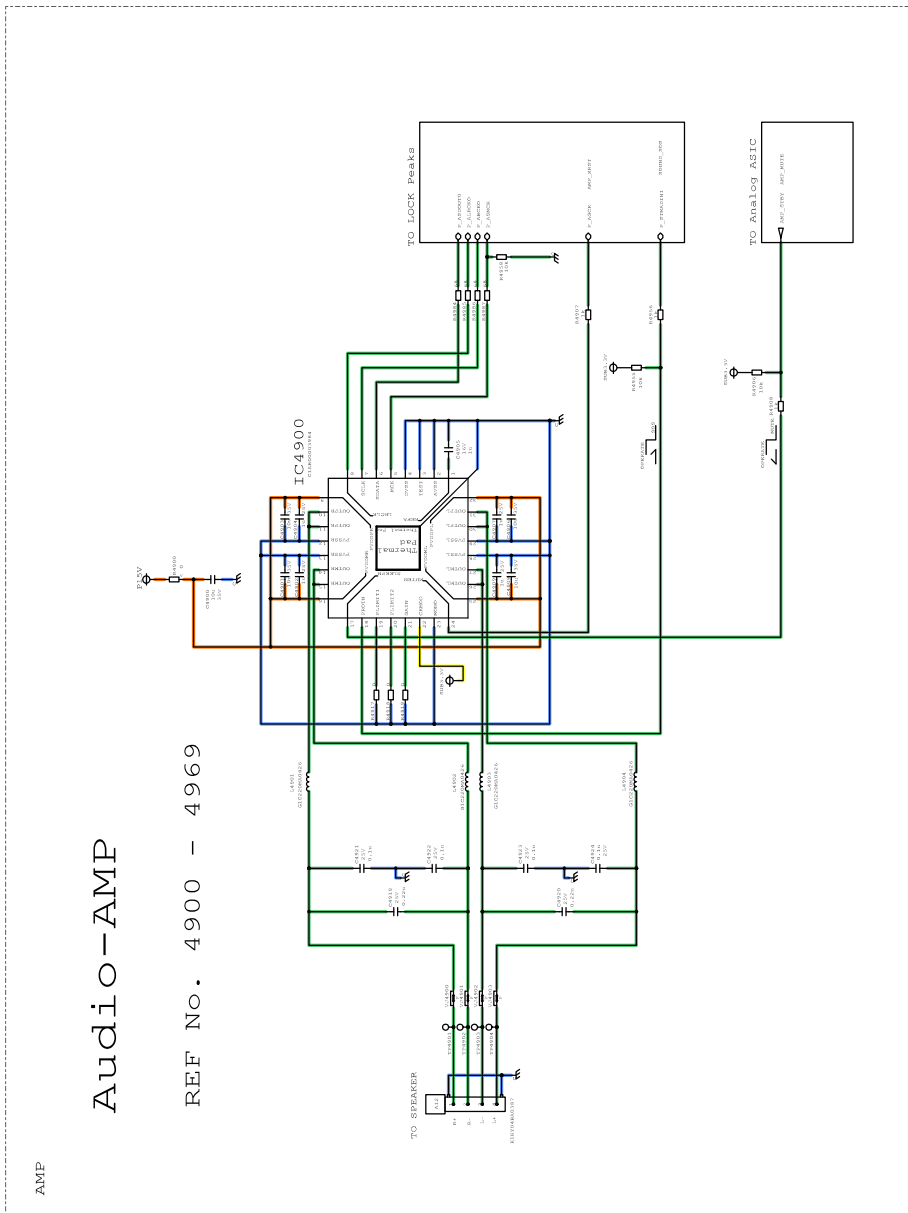
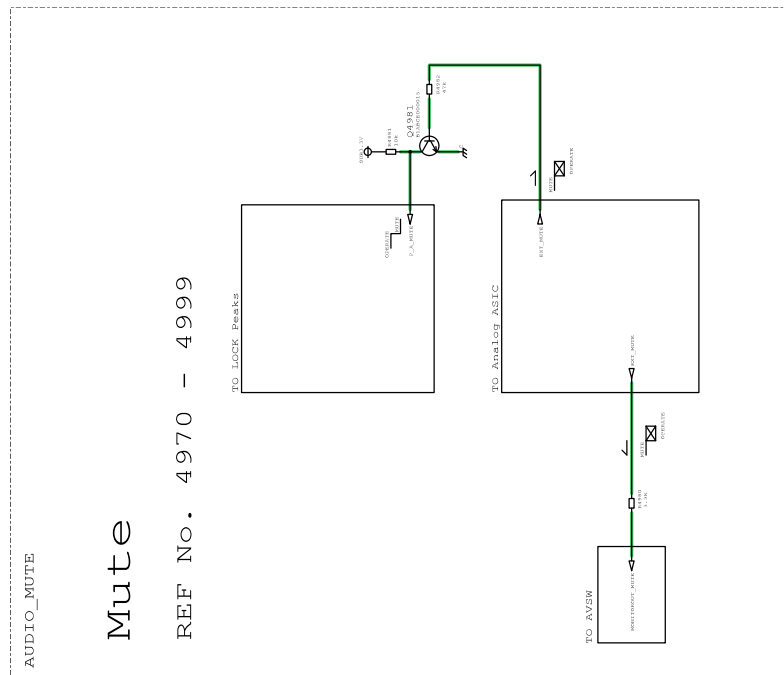


Information (Suffix)

REF No. 0000 - 0049







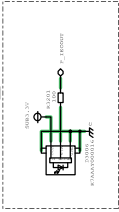
AVSW-Connection

REF No. 3050 - 3249

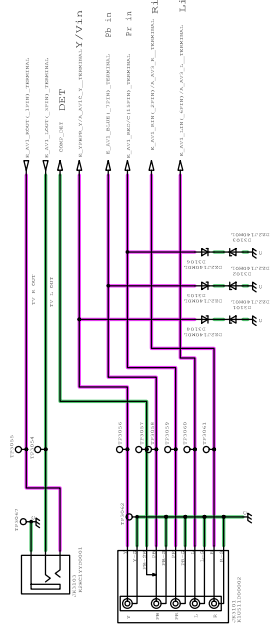
AVSW

REF No. 3000 - 3049

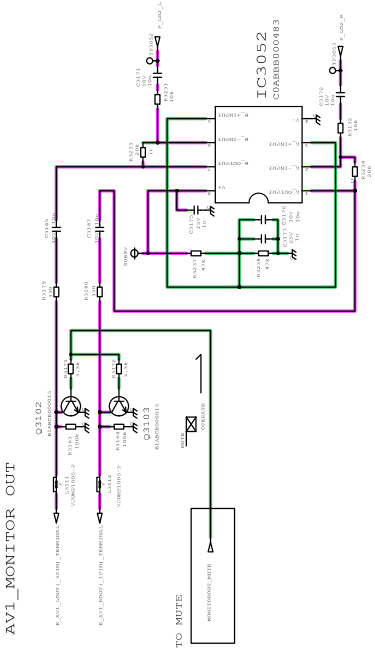
OPTICAL OUT



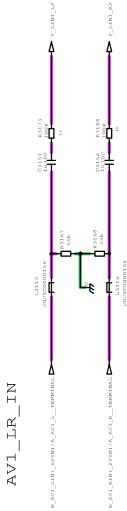
AV1 STRAIGHT



AUDIO_OUT



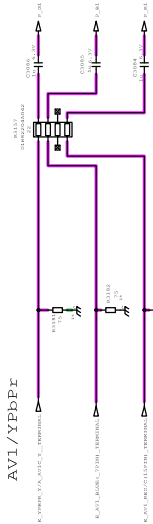
AUDIO_IN



VIDEO-DET

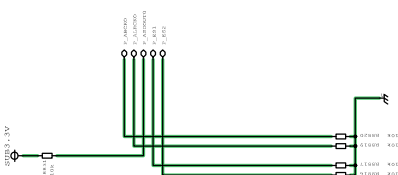


VIDEO-IN



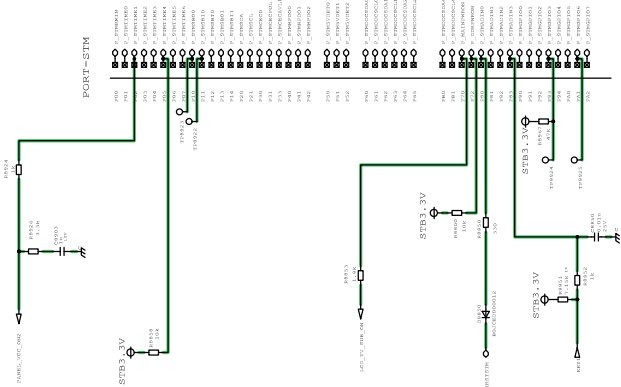
Initial SETUP

REF No. 8800 - 8849



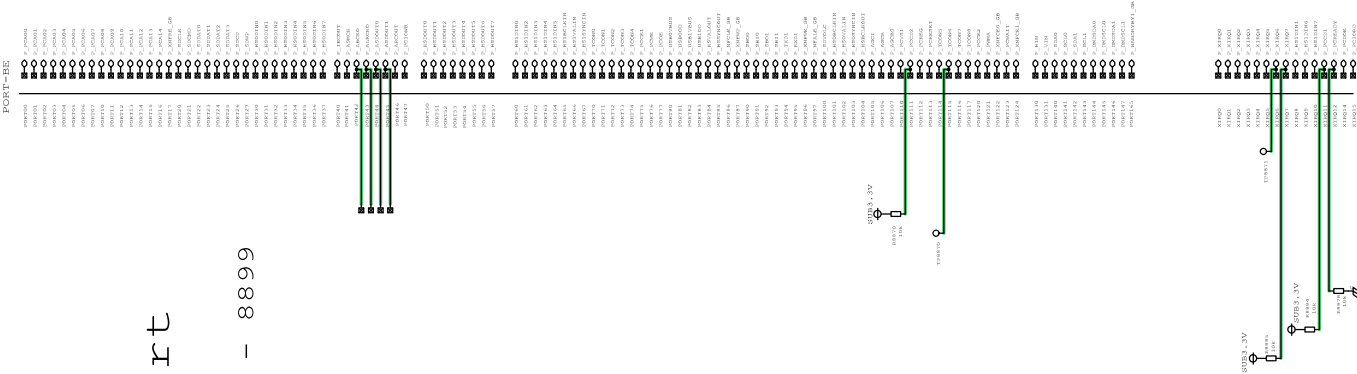
STM Port

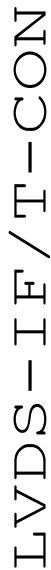
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Peaks Port

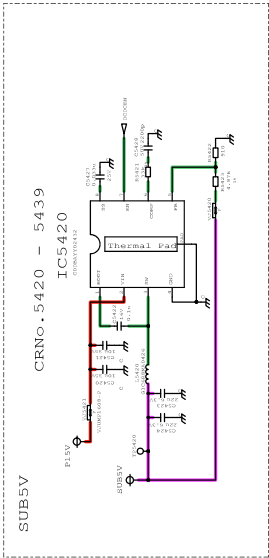
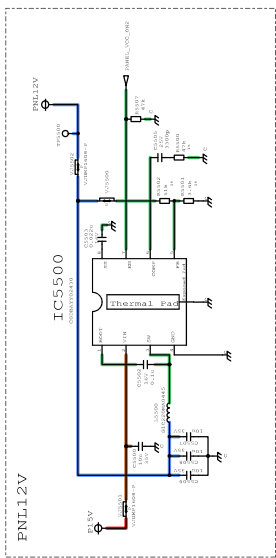
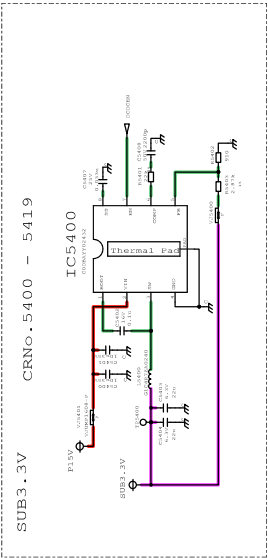
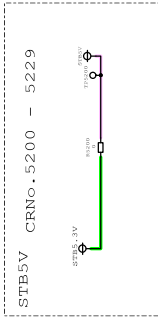
REF No. 8870 - 8899





POWER-Model

REF No. 5200 - 5649

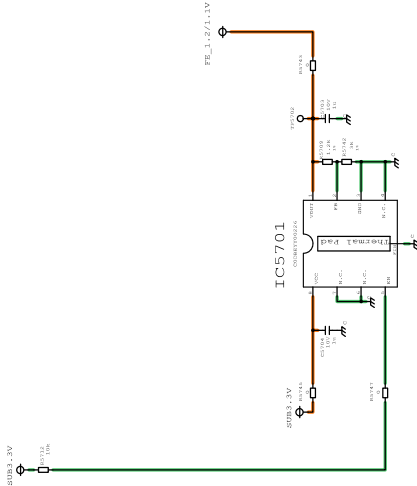
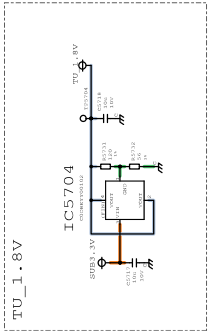


FE-Power

Power for TU+FE

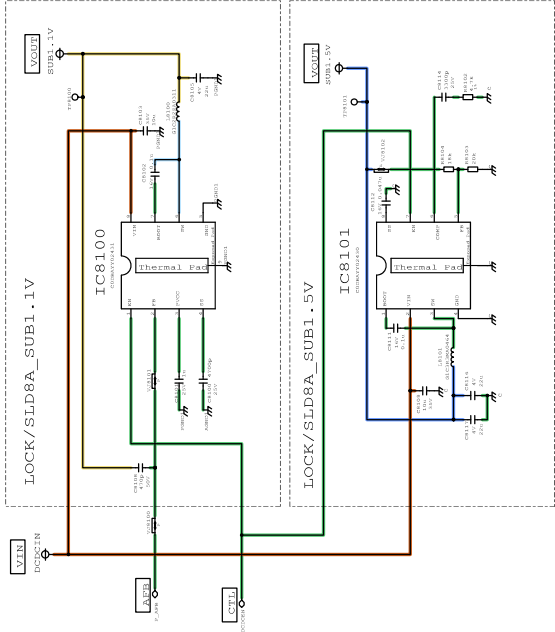
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POWER_FE



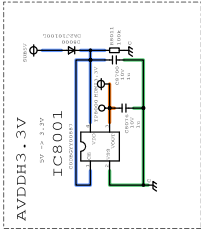
SLD8A DC/DC

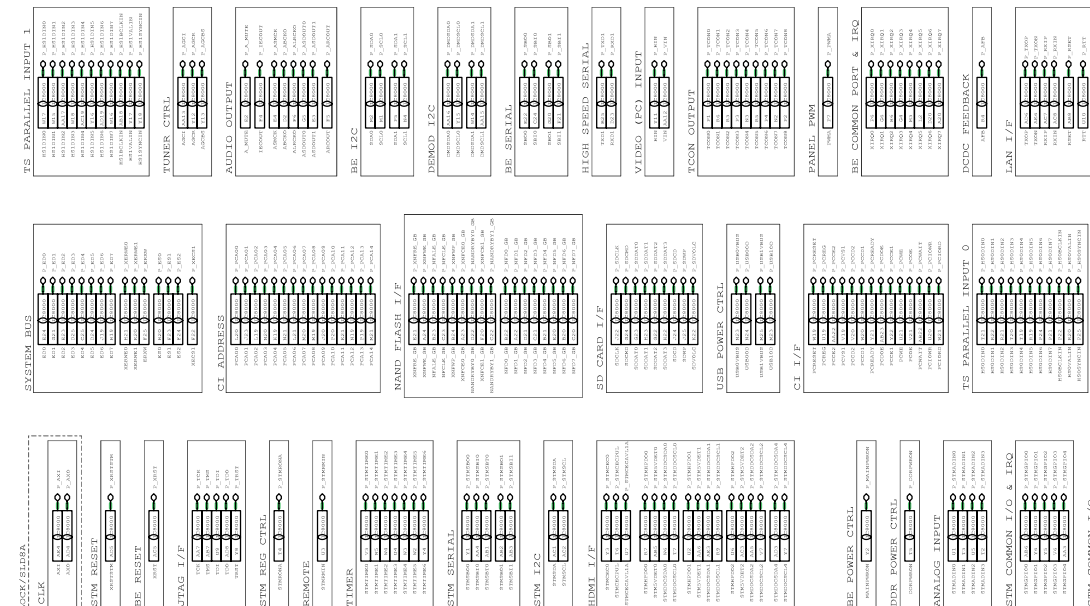
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POWER-Peaks

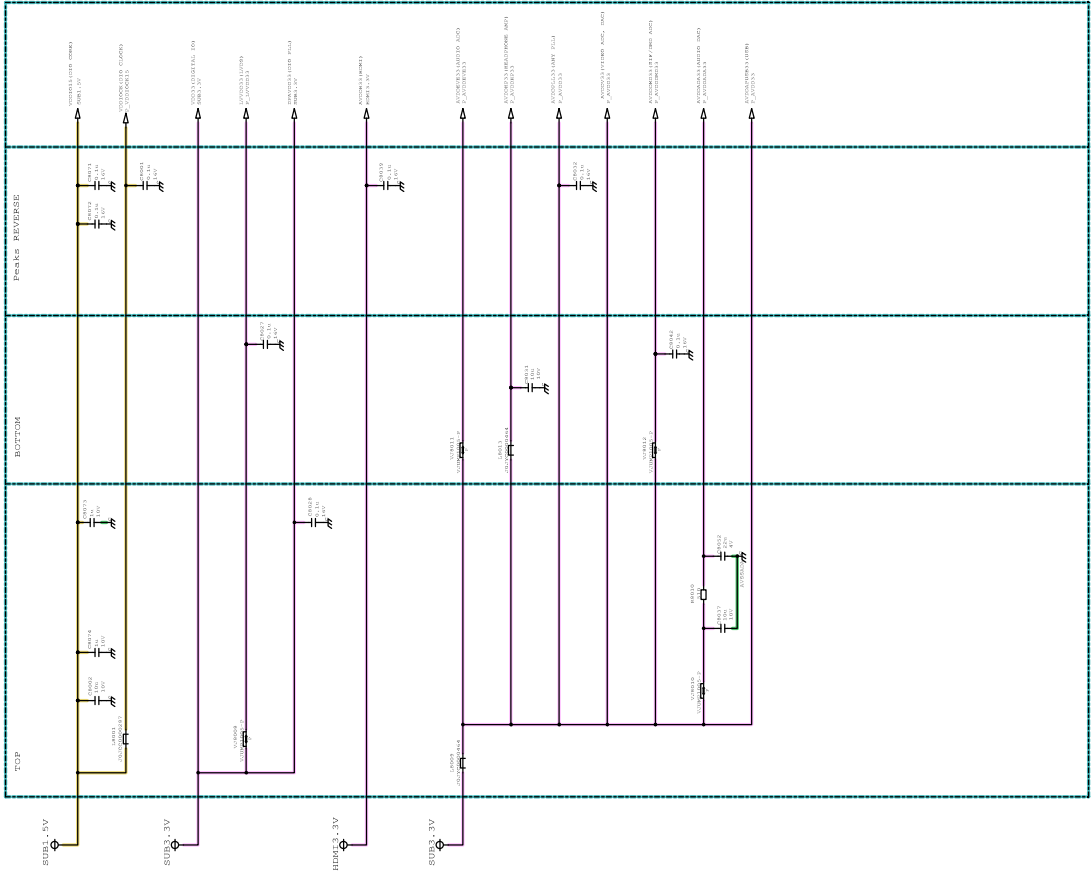
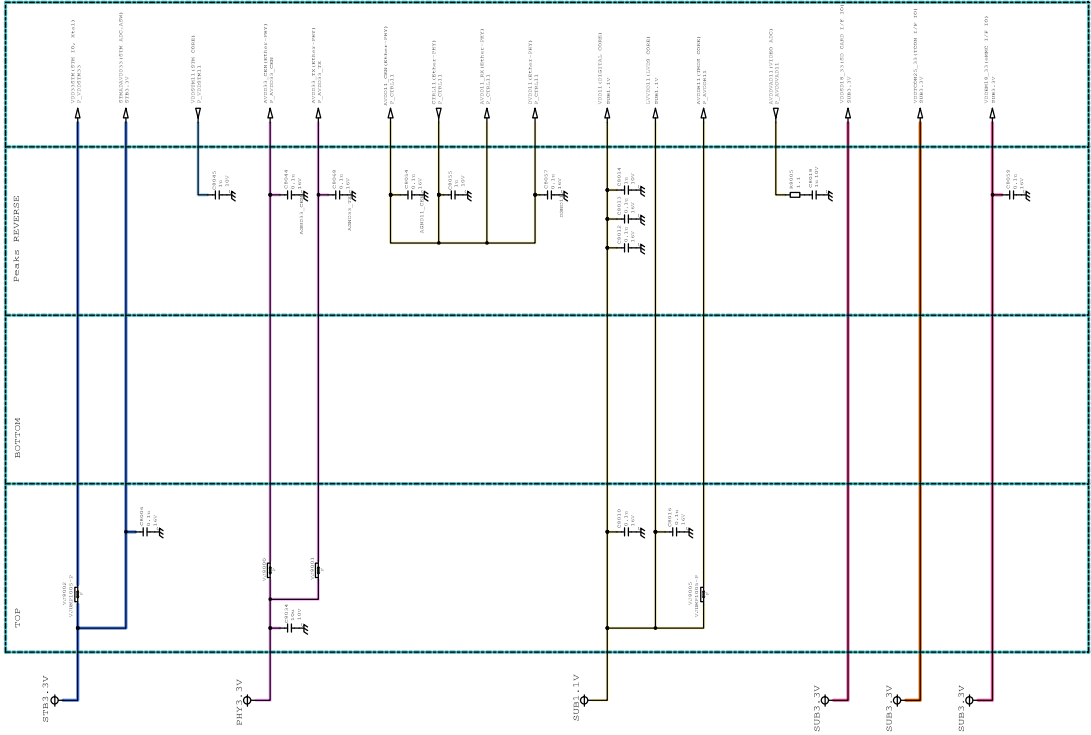
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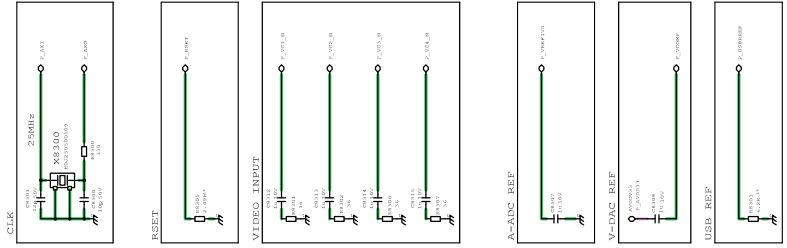
LOCK/SLD8A_POWER

Peaks POWER
REF No. 8001 - 8099



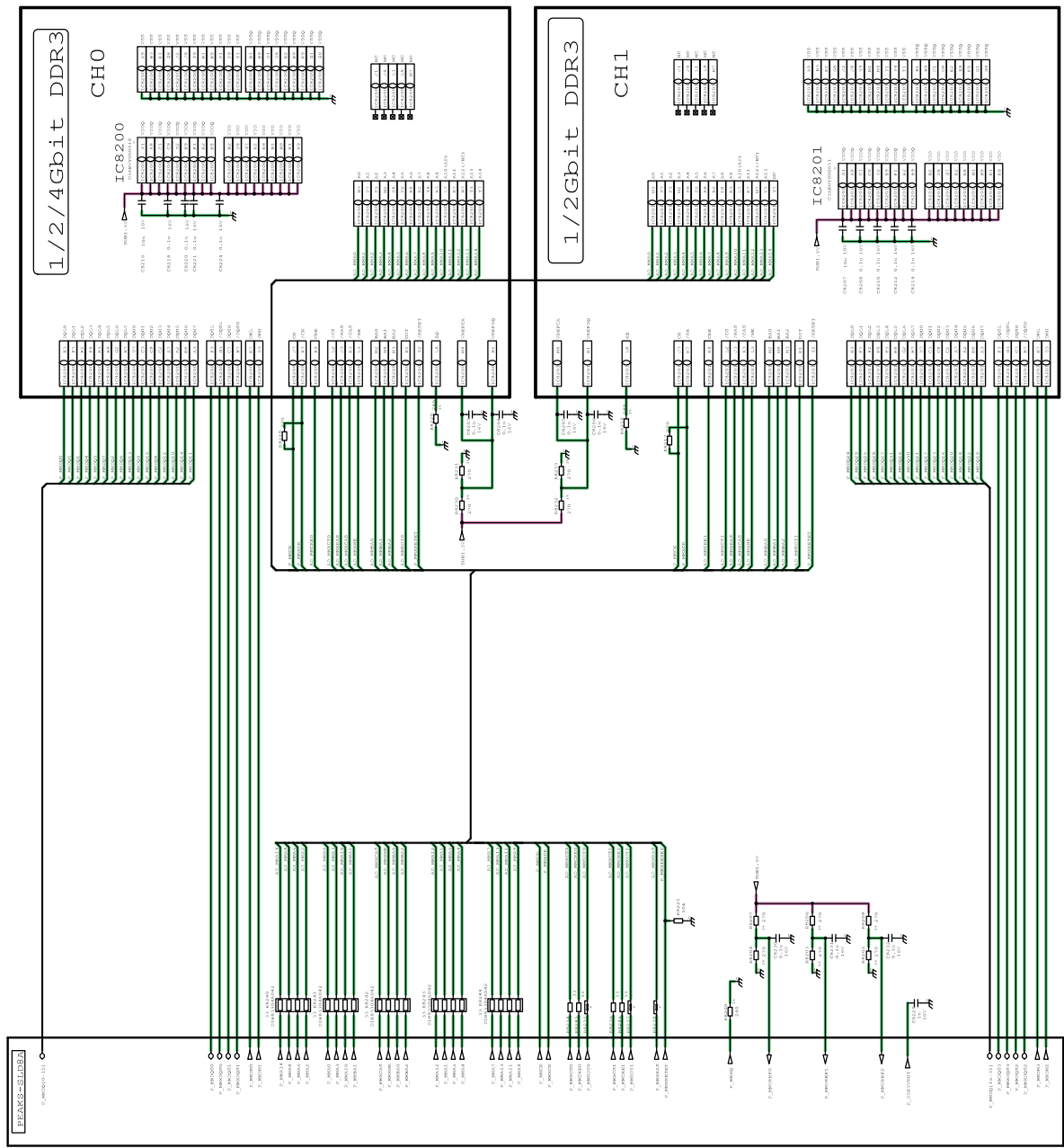
LOCK/SLD8A_DEST

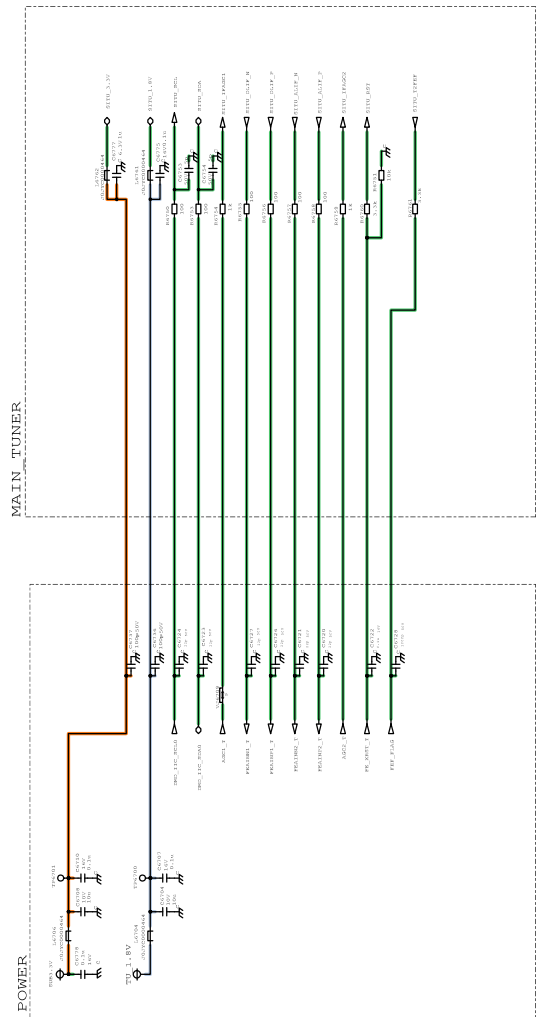
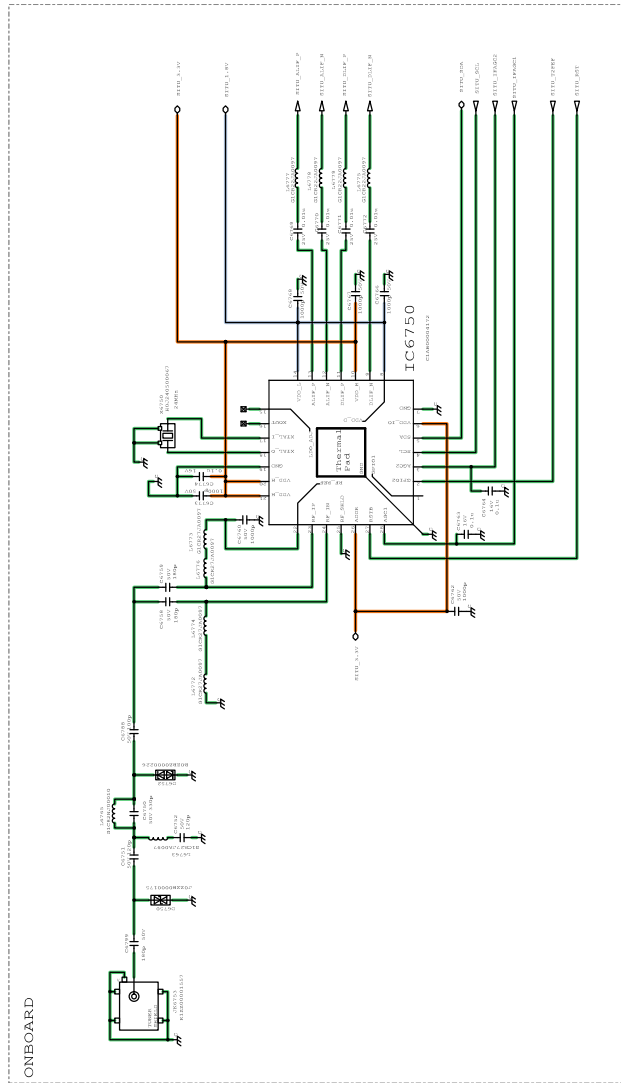
Peaks DEST
REF No. 8300 - 8399



LOCK/SLD8A_DDR3

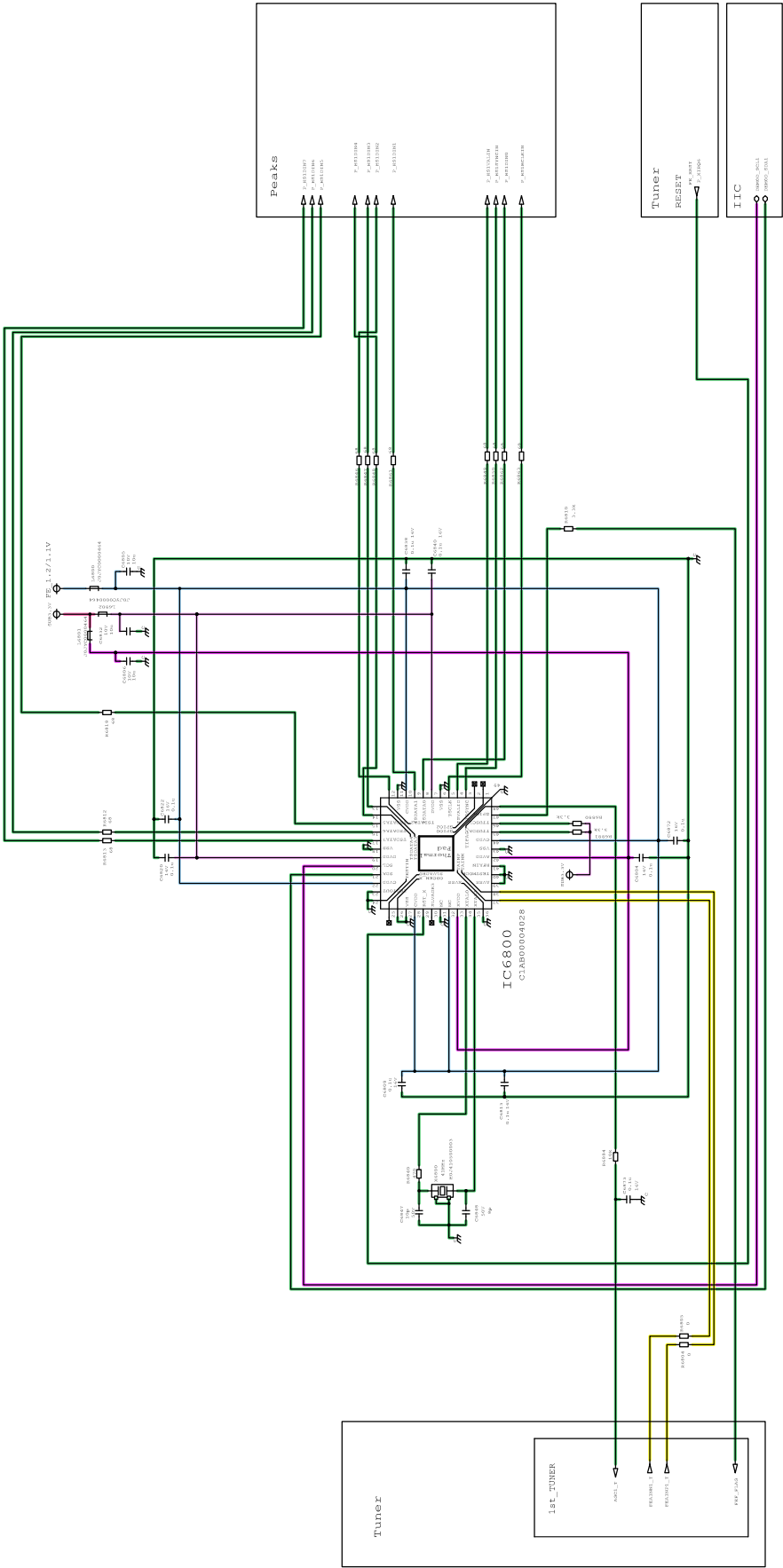
DDR3
REF No. 8200 - 8299

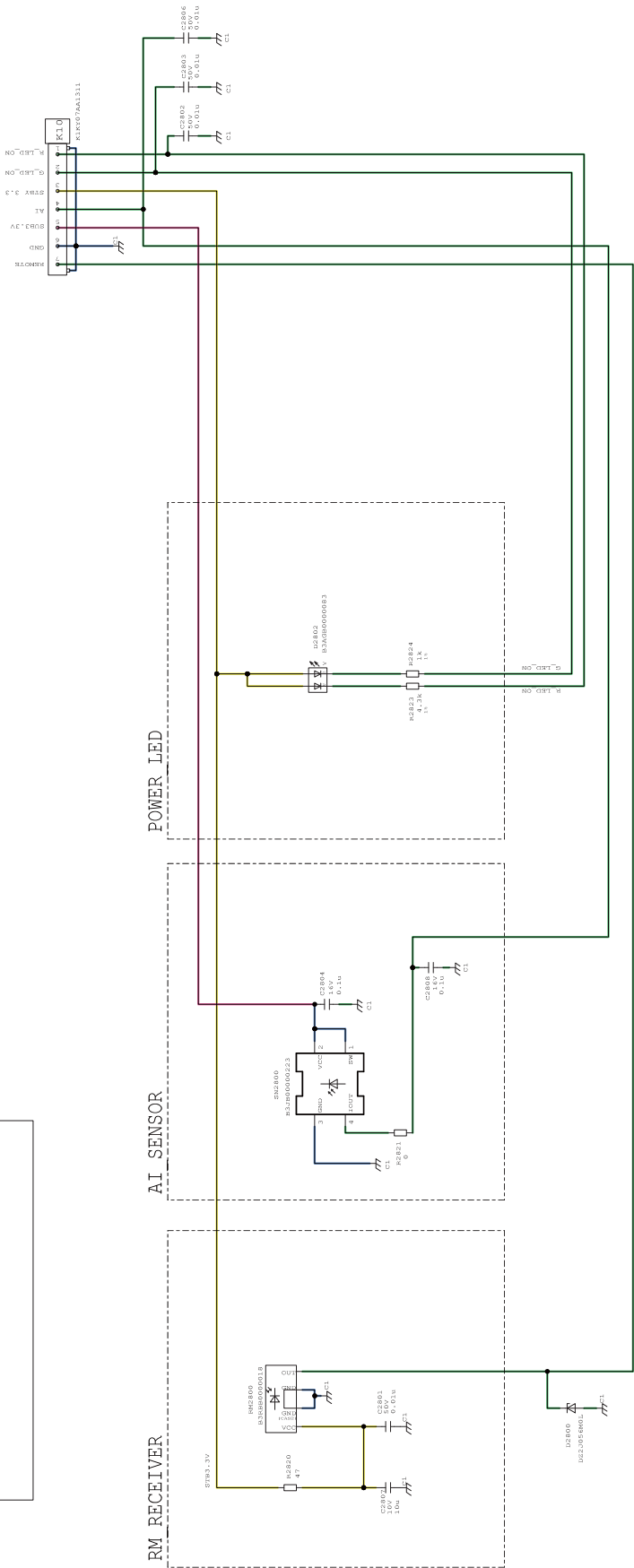
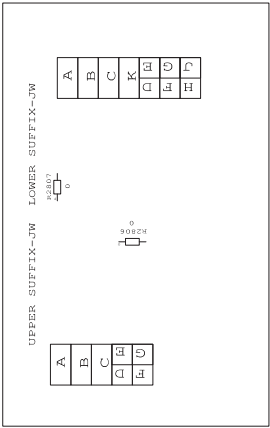


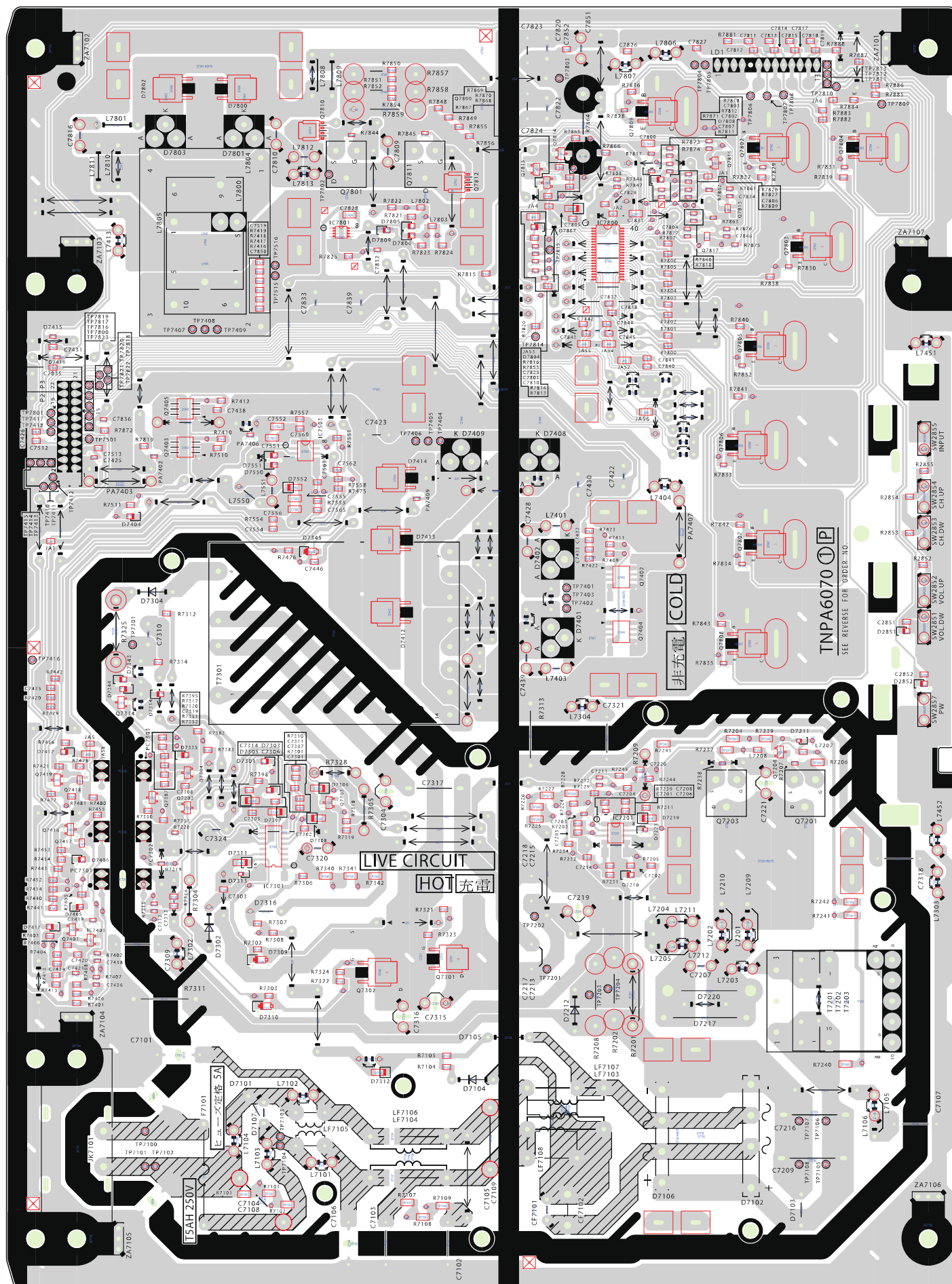


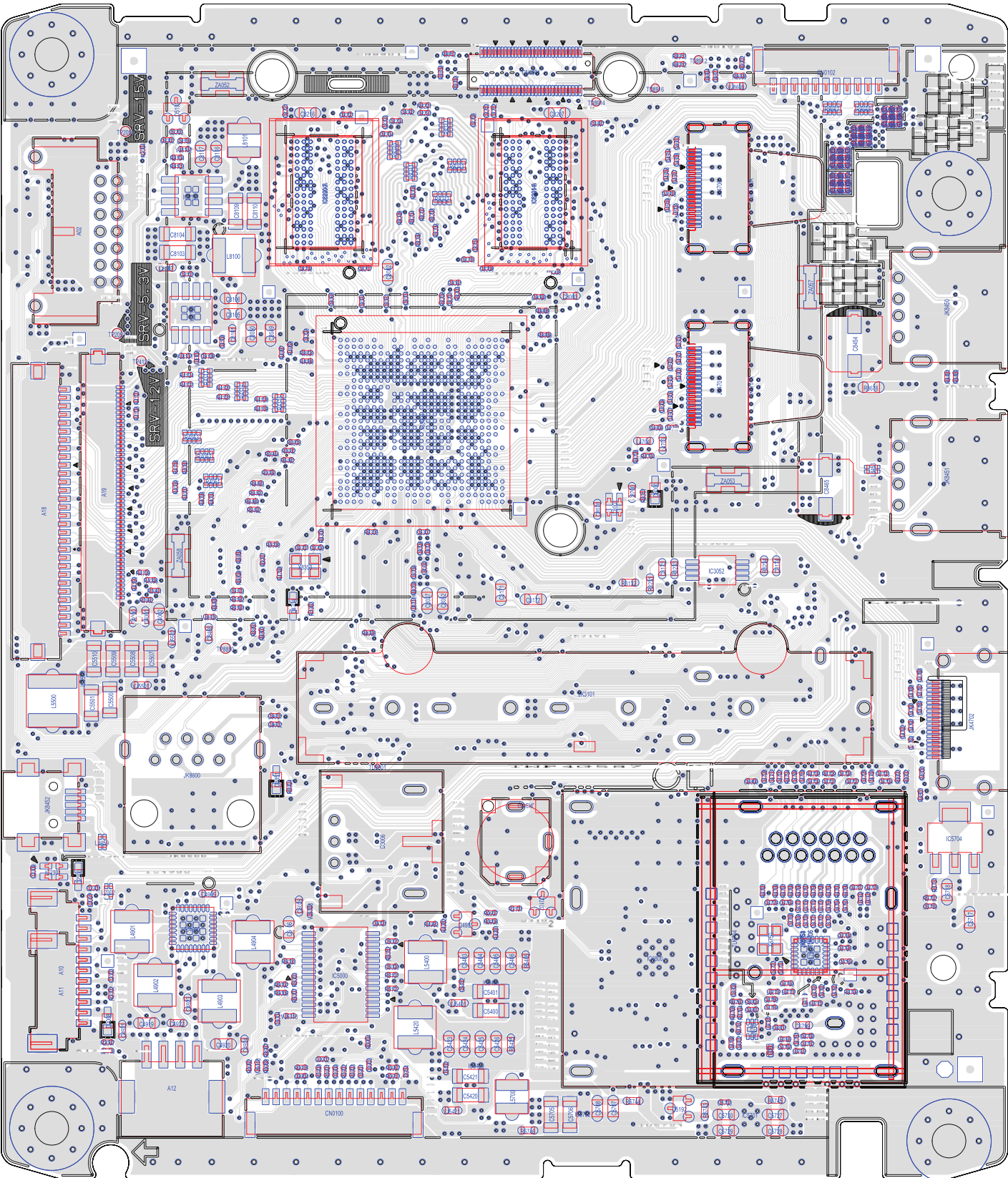
ISDB-T/S/DVB-T2/DTMB/JPN_W

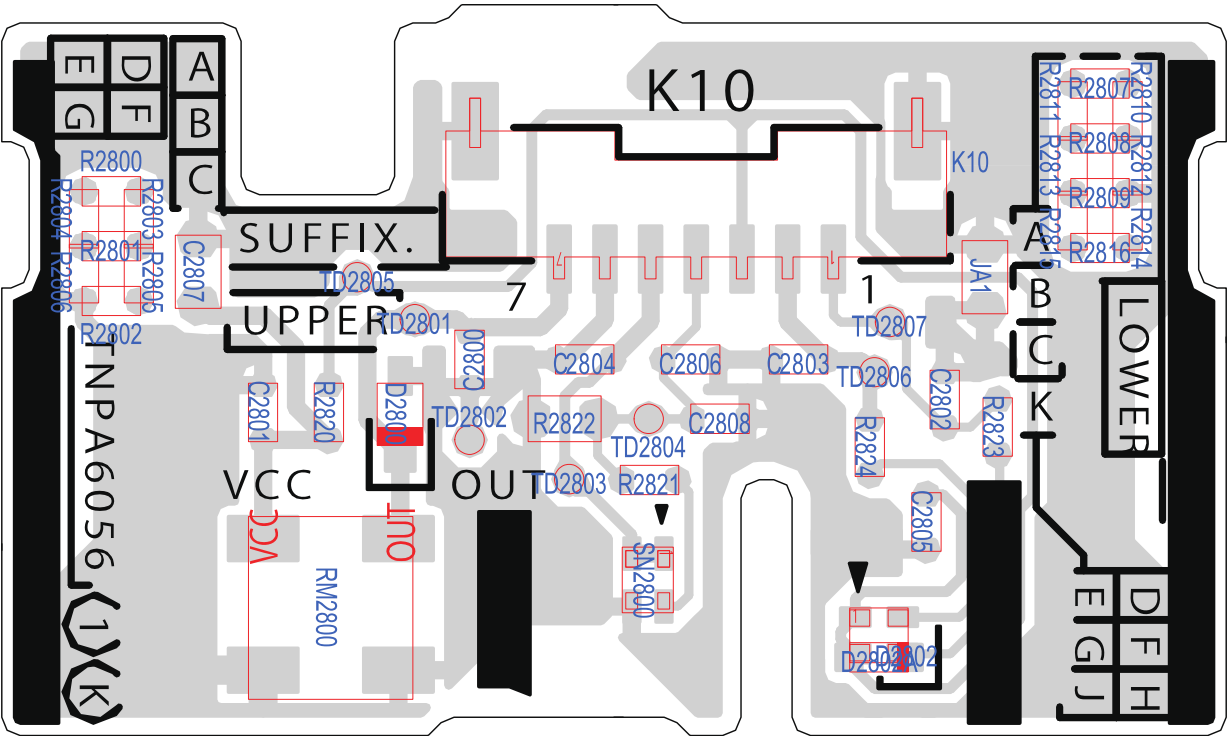
Demodulator
REF No. 6800 - 6999



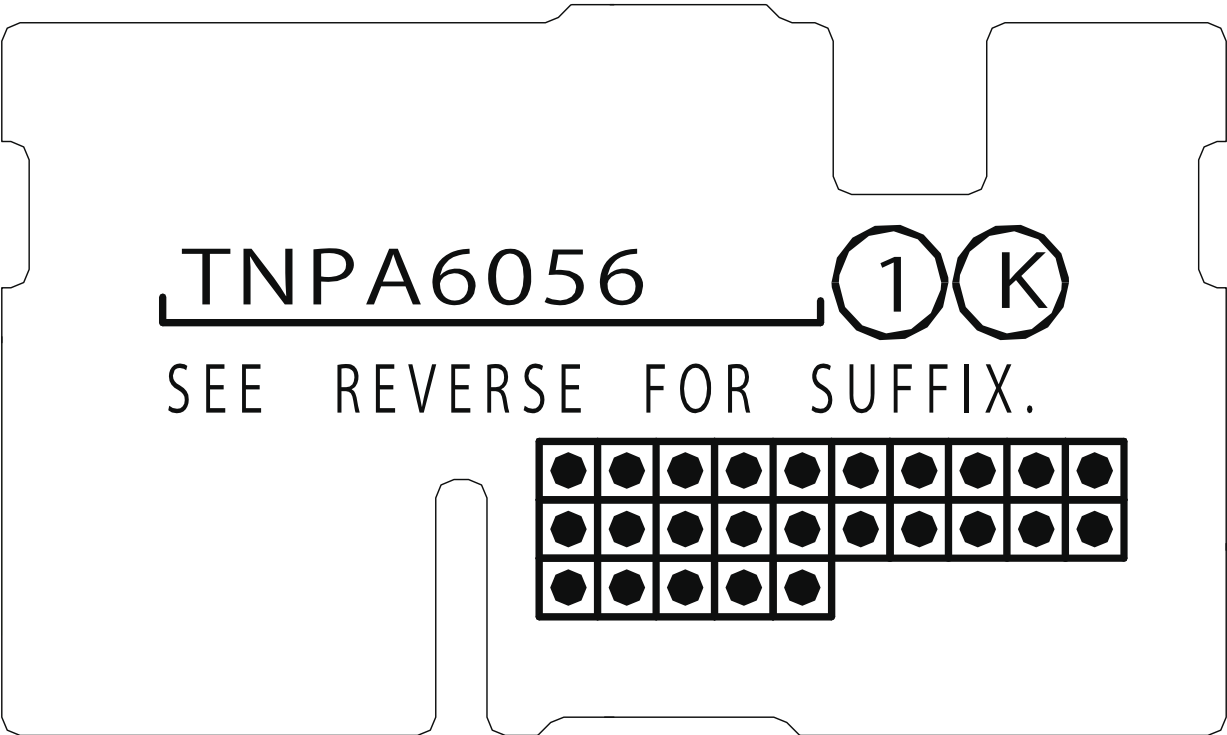






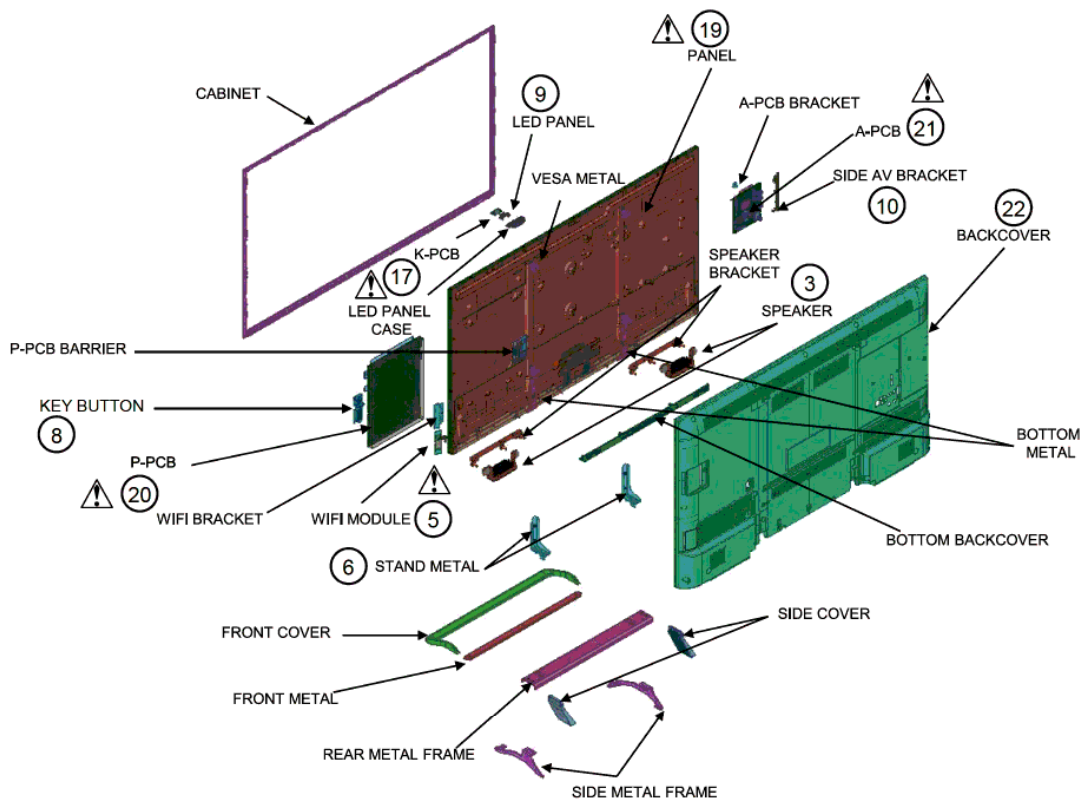


(FOIL SIDE)



(COMPONENT SIDE)

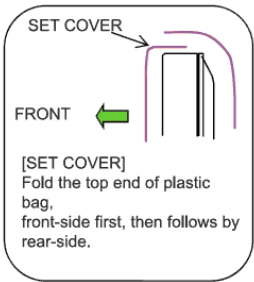
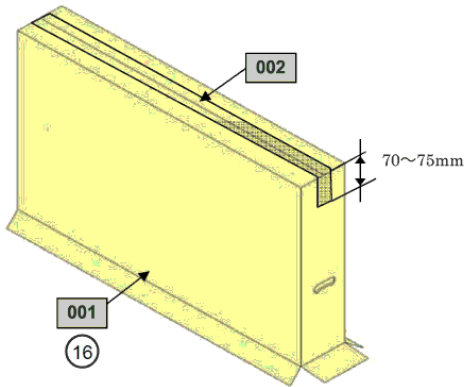
Model No. : TH-43/49CS630S Parts Location



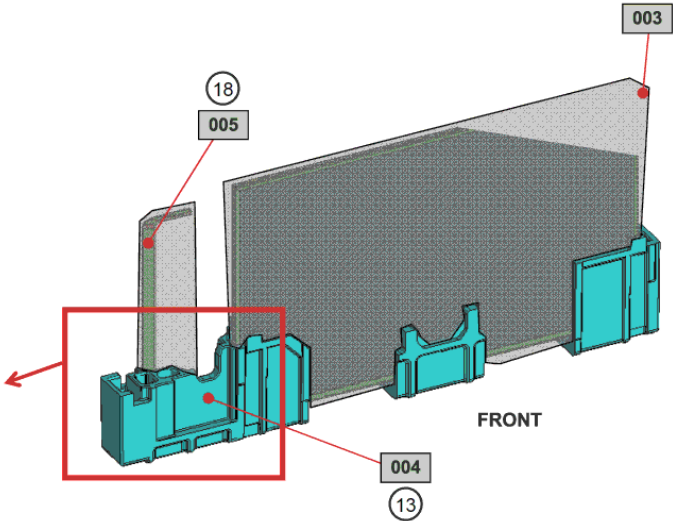
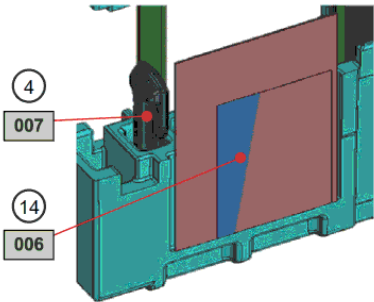
Model No. : TH-43/49CS630S Packing Exploded View 1

ASSEMBLY CONTENTS :
1. Follow all the sequence and arrangement for place accessories.
2. There are several item need to special arrangement position like fanbag and remote.

No.	Description	Qty	UOM
001	PACKING CASE	1	PC
002	PP_TAPE(TOP1.56/BTM1.56)	3.4	MT
003	SET COVER	1	PC
004	CUSHION BOTTOM	1	PC
005	PEDESTAL ASSY	1	PC
006	FAN BAG ASSY	1	PC
007	REMOTE TRANSMITTER	1	PC



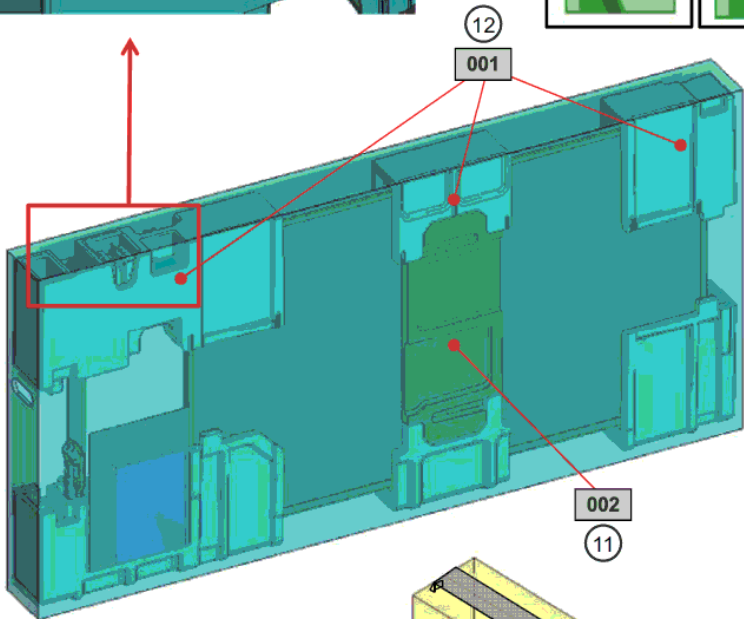
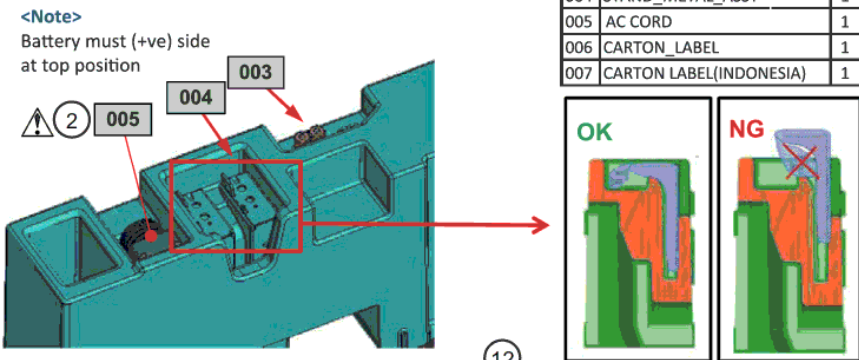
<Note>
1. The position of button is facing right side.
2. The position of DIODE is upper side.



Model No. : TH-43/49CS630S Packing Exploded View 2

- ASSEMBLY CONTENTS :
- 1. Follow all the sequence and arrangement for place accessories.
 - 2. There are several item need to special arrangement position like batteries and stand mtg.

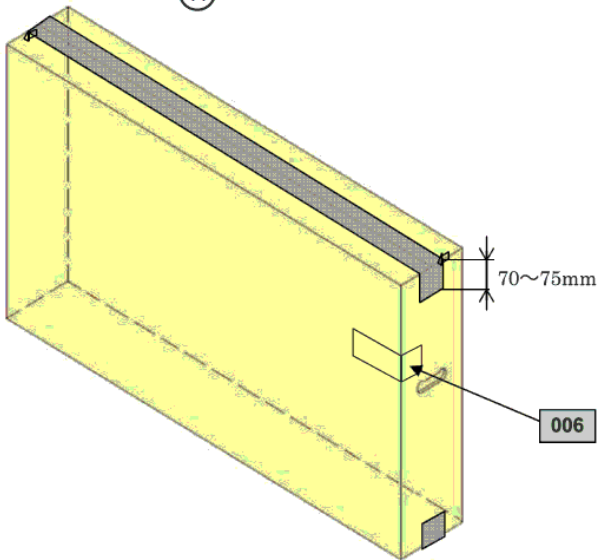
No.	Description	Qty	UOM
001	CUSHION_TOP	1	PC
002	CUSHION_FRONT	1	MT
003	BATTERY	1	PC
004	STAND_METAL_ASSY	1	PC
005	AC CORD	1	PC
006	CARTON_LABEL	1	PC
007	CARTON LABEL(INDONESIA)	1	PC



Carton Label
(Indonesia only)



<Note>
Stick carton label on marked area on front side and side of carton.



Model No. : TH-43/49CS630S Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		A02	K1KY14BA0484	CONNECTOR	1	
		A11	K1KY07BA0483	CONNECTOR	1	
		A12	K1KY04BA0387	CONNECTOR	1	
		A19	K1MY51BA0526	CONNECTOR	1	
		C1958	F1G1E103A144	C 0.01UF, 25V	1	
		C2000	F1G1A105A107	C 1UF, 16V	1	
		C2001	F1G1H102A946	C 1000PF, 50V	1	
		C2002	F1G1H102A946	C 1000PF, 50V	1	
		C2003	F1G1H102A946	C 1000PF, 50V	1	
		C2004	F1G1H102A946	C 1000PF, 50V	1	
		C2005	F1G1H102A946	C 1000PF, 50V	1	
		C2010	F1G1H101A948	C 100PF, 50V	1	
		C2014	F1K1V106A010	C 10UF, 25V	1	
		C2023	F1G1C104A173	C 0.1UF, 16V	1	
		C2801	F1H1H103B047	C 0.01UF, 50V	1	
		C2802	F1H1H103B047	C 0.01UF, 50V	1	
		C2803	F1H1H103B047	C 0.01UF, 50V	1	
		C2804	F1H1C104A178	C 0.1UF, 16V	1	
		C2806	F1H1H103B047	C 0.01UF, 50V	1	
		C2807	F1J1A106A043	C 10UF, 10V	1	
		C2808	F1H1C104A178	C 0.1UF, 16V	1	
		C2851	F1J1H104A902	C 0.1UF, 50V	1	
		C2852	F1J1H104A902	C 0.1UF, 50V	1	
		C3084	F1H0J105A051	C 1.0UF, 16V	1	
		C3085	F1H0J105A051	C 1.0UF, 16V	1	
		C3086	F1H0J105A051	C 1.0UF, 16V	1	
		C3145	F1J1A106A043	C 10UF, 10V	1	
		C3147	F1J1A106A043	C 10UF, 10V	1	
		C3151	F1H1A1050039	C 1UF, 10V	1	
		C3152	F1H1A1050039	C 1UF, 10V	1	
		C3171	F1J1A106A043	C 10UF, 10V	1	
		C3172	F1J1A106A043	C 10UF, 10V	1	
		C3175	F1J1E105A287	C 1UF, 25V	1	
		C3176	F1J1A106A043	C 10UF, 10V	1	
		C3177	F1J1E105A287	C 1UF, 25V	1	
		C4000	F1H1H103B047	C 0.01UF, 50V	1	
		C4001	F1H1H103B047	C 0.01UF, 50V	1	
		C4002	F1J1C475A225	C 47UF, 16V	1	
		C4701	F1H0J105A051	C 1.0UF, 16V	1	
		C4900	F1K1V106A010	C 10UF, 25V	1	
		C4901	F1K1V106A010	C 10UF, 25V	1	
		C4902	F1J1E105A287	C 1UF, 25V	1	
		C4903	F1K1V106A010	C 10UF, 25V	1	
		C4904	F1J1E105A287	C 1UF, 25V	1	
		C4905	F1H1C105A167	C 1UF, 16V	1	
		C4906	F1K1V106A010	C 10UF, 25V	1	
		C4907	F1J1E105A287	C 1UF, 25V	1	
		C4908	F1K1V106A010	C 10UF, 25V	1	
		C4909	F1J1E105A287	C 1UF, 25V	1	
		C4919	F1J1E224A272	C 0.22UF 25V	1	
		C4920	F1J1E224A272	C 0.22UF 25V	1	
		C4921	F1H1E104A161	C 0.1UF, 25V	1	
		C4922	F1H1E104A161	C 0.1UF, 25V	1	
		C4923	F1H1E104A161	C 0.1UF, 25V	1	
		C4924	F1H1E104A161	C 0.1UF, 25V	1	
		C5000	F1G1A105A107	C 1UF, 10V	1	
		C5002	F1G1A105A107	C 1UF, 10V	1	
		C5004	F1G1A105A107	C 1UF, 10V	1	
		C5006	F1J1E105A287	C 1UF, 25V	1	
		C5012	F1G1A105A107	C 1UF, 10V	1	
		C5020	F1G1C104A173	C 0.1UF, 16V	1	
		C5021	F1G1A105A107	C 1UF, 10V	1	

Model No. : TH-43/49CS630S Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C5022	F1G1C104A173	C 0.1UF, 16V	1	
		C5026	F1H1E105A153	C 1UF, 25V	1	
		C5150	F1G1E103A144	C 0.01UF 25V	1	
		C5151	F1G1E103A144	C 0.01UF 25V	1	
		C5171	F1G1C103A173	C 0.01UF, 16V	1	
		C5400	F1K1V106A010	C 10UF, 25V	1	
		C5401	F1K1V106A010	C 10UF, 25V	1	
		C5402	F1G1C104A173	C 0.1UF, 16V	1	
		C5403	F1J0J2260004	C 22UF, 6.3V	1	
		C5404	F1J0J2260004	C 22UF, 6.3V	1	
		C5407	F1G1E333A144	C 0.033UF, 25V	1	
		C5408	F1G1H222A946	C 2200PF, 50V	1	
		C5420	F1K1V106A010	C 10UF, 25V	1	
		C5421	F1K1V106A010	C 10UF, 25V	1	
		C5422	F1G1C104A173	C 0.1UF, 16V	1	
		C5423	F1J0J2260004	C 22UF, 6.3V	1	
		C5424	F1J0J2260004	C 22UF, 6.3V	1	
		C5427	F1G1E333A144	C 0.033UF, 25V	1	
		C5428	F1G1H222A946	C 2200PF, 50V	1	
		C5500	F1K1V106A010	C 10UF, 25V	1	
		C5502	F1G1C104A173	C 0.1UF, 16V	1	
		C5503	F1G1C223A173	C 0.022UF, 16V	1	
		C5505	F1G1E332A172	C 0.33UF, 25V	1	
		C5507	F1K1V106A010	C 10UF, 25V	1	
		C5508	F1K1V106A010	C 10UF, 25V	1	
		C5509	F1K1V106A010	C 10UF, 25V	1	
		C5703	F1G1A105A107	C 1UF, 10V	1	
		C5704	F1G1A105A107	C 1UF, 10V	1	
		C5717	F1J1A106A043	C 10UF, 10V	1	
		C5718	F1J1A106A043	C 10UF, 10V	1	
		C6704	F1J1A106A043	C 10UF, 10V	1	
		C6707	F1G1C104A173	C 0.1UF, 16V	1	
		C6708	F1J1A106A043	C 10UF, 10V	1	
		C6710	F1G1C104A173	C 0.1UF, 16V	1	
		C6720	F1G1H220A834	C 22PF, 50V	1	
		C6721	F1G1H220A834	C 22PF, 50V	1	
		C6722	F1G1C104A173	C 0.1UF, 16V	1	
		C6723	F1G1H220A834	C 22PF, 50V	1	
		C6724	F1G1H220A834	C 22PF, 50V	1	
		C6726	F1G1H220A834	C 22PF, 50V	1	
		C6727	F1G1H220A834	C 22PF, 50V	1	
		C6728	F1G1H102A948	C 1000PF, 50V	1	
		C6736	F1G1H101A948	C 100PF, 50V	1	
		C6737	F1G1H101A948	C 100PF, 50V	1	
		C6746	F1G1C104A173	C 0.1UF, 16V	1	
		C6750	F1G1H331A946	C 330PF, 50V	1	
		C6751	F1G1H121A834	C 120PF, 50V	1	
		C6752	F1G1H121A834	C 120PF, 50V	1	
		C6753	F1G1H5R0A947	C 5PF, 50V	1	
		C6754	F1G1H5R0A947	C 5PF, 50V	1	
		C6758	F1G1H181A834	C 180PF, 50V	1	
		C6759	F1G1H181A834	C 180PF, 50V	1	
		C6760	F1G1H102A948	C 1000PF, 50V	1	
		C6762	F1G1H102A948	C 1000PF, 50V	1	
		C6763	F1G1C104A173	C 0.1UF, 16V	1	
		C6764	F1G1C104A173	C 0.1UF, 16V	1	
		C6766	F1G1H102A946	C 1000PF, 50V	1	
		C6767	F1G1H102A946	C 1000PF, 50V	1	
		C6768	F1G1H102A946	C 1000PF, 50V	1	
		C6769	F1G1E103A144	C 0.01UF 25V	1	
		C6770	F1G1E103A144	C 0.01UF 25V	1	
		C6771	F1G1E103A144	C 0.01UF 25V	1	

Model No. : TH-43/49CS630S Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C6772	F1G1E103A144	C 0.01UF, 25V	1	
		C6773	F1G1H102A946	C 1000PF, 50V	1	
		C6774	F1G1C104A173	C 0.1UF, 16V	1	
		C6775	F1G1C104A173	C 0.1UF, 16V	1	
		C6777	F1G0J105A070	C 0.1UF, 16V	1	
		C6778	F1G1C104A173	C 0.1UF, 16V	1	
		C6788	F1G1H101A948	C 100PF, 50V	1	
		C6799	F1H1H181B052	C 470PF, 50V	1	
		C6804	F1G1C104A173	C 0.1UF, 16V	1	
		C6805	F1J1A106A043	C 10UF, 10V	1	
		C6806	F1J1A106A043	C 10UF, 10V	1	
		C6809	F1G1C104A173	C 0.1UF, 16V	1	
		C6813	F1G1C104A173	C 0.1UF, 16V	1	
		C6820	F1G1C104A173	C 0.1UF, 16V	1	
		C6822	F1G1C104A173	C 0.1UF, 16V	1	
		C6832	F1J1A106A043	C 10UF, 10V	1	
		C6838	F1G1C104A173	C 0.1UF, 16V	1	
		C6840	F1G1C104A173	C 0.1UF, 16V	1	
		C6847	F1G1H100A963	C 1PF, 50V	1	
		C6848	F1G1H8R0A963	C 8PF, 50V	1	
		C6872	F1G1C104A173	C 0.1UF, 16V	1	
		C6873	F1G1C104A173	C 0.1UF, 16V	1	
		C7102	F1AAF471A019	C 470PF, 240V	1	
		C7103	F1AAF471A019	C 470PF, 240V	1	
		C7104	F0CAF2240010	C 0.22UF, 250V	1	For TH-43CS630S only
		C7105	F0CAF2240010	C 0.22UF, 250V	1	
		C7108	F0CAF3340009	C 0.33UF, 250V	1	For TH-49CS630S only
		C7201	F1H1H102B052	C 1000PF, 50V	1	
		C7202	F1J1H222A911	C 2200PF, 50V	1	
		C7203	F1H1H104B047	C 0.01UF, 50V	1	
		C7204	F1J1E474A272	C 0.47UF, 25V	1	
		C7206	F1J1E475A257	C 4.7UF, 25V	1	
		C7207	F1A3A471A060	C 470PF, 1KV	1	
		C7208	F1J1H104A902	C 0.1UF, 50V	1	
		C7209	ECWFD2W105KC	C 1.0UF, 240V	1	For TH-43CS630S only
		C7209	ECWFD2W155KC	C 1.5UF, 240V	1	For TH-49CS630S only
		C7213	F2A2W6500001	C 65UF, 450V	1	For TH-49CS630S only
		C7214	F1J1H103A900	C 0.01UF, 50V	1	
		C7215	F2A2W6500001	C 65UF, 450V	1	
		C7216	ECWFD2W155KC	C 1.5UF, 240V	1	For TH-49CS630S only
		C7221	F1A3A101A079	C 100PF, 1KV	1	
		C7301	F1J1H223A900	C 0.022UF, 50V	1	
		C7302	F1J1H104A902	C 0.1UF, 50V	1	
		C7303	F1J1H104A902	C 0.1UF, 50V	1	
		C7304	F1A3A221A079	C 220PF, 1KV	1	
		C7305	F1J1H105A919	C 1UF, 50V	1	
		C7306	F1J1H103A900	C 0.01UF, 50V	1	
		C7307	F1J1H101A906	C 100PF, 50V	1	
		C7309	F1AAF471A019	C 470PF, 240V	1	
		C7310	F2A1E4710124	C 470PF, 50V	1	
		C7311	F1J1H102A909	C 1000PF, 50V	1	
		C7312	F1H1C474A178	C 0.47UF, 16V	1	
		C7313	F1J1H102A909	C 1000PF, 50V	1	
		C7314	F1J1H220A906	C 22PF, 50V	1	
		C7315	F1A3A101A079	C 100PF, 1KV	1	
		C7316	F1A3A471A060	C 470PF, 1KV	1	
		C7317	ECWH8223HAC	C 0.022UF, Z, 800V	1	
		C7320	F1A3A101A079	C 100PF, 1KV	1	
		C7324	F2A1V470B660	C 47PF, 35V	1	
		C7418	F1H1H104B047	C 0.01UF, 50V	1	
		C7422	F2A1J1210012	C 120PF, 500V	1	
		C7423	F2AZZ2220001	CAPACITOR	1	

Model No. : TH-43/49CS630S Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C7426	F1J1H103A900	C 0.01UF, 50V	1	
		C7430	F2A1J1210012	C 120PF, 500V	1	
		C7431	F1J1H104A902	C 0.1UF, 50V	1	
		C7432	F1J1C475A225	C 47UF, 16V	1	
		C7433	F1J1C475A225	C 47UF, 16V	1	
		C7434	F1J1C475A225	C 47UF, 16V	1	
		C7436	F1H1H104B047	C 0.01UF, 50V	1	
		C7438	F1J1C474A238	C 0.47UF, 16V	1	
		C7446	F1J1H105A919	C 1UF, 50V	1	
		C7551	F1K1E106A167	C 10UF, 25V	1	
		C7552	F1K1E106A167	C 10UF, 25V	1	
		C7554	F1J1H221A906	C 220PF, 50V	1	
		C7555	F1K1E106A167	C 10UF, 25V	1	
		C7556	F1K1E106A167	C 10UF, 25V	1	
		C7560	F1J1H104A902	C 0.1UF, 50V	1	
		C7562	F1J1H104A902	C 0.1UF, 50V	1	
		C7563	F1J1H104A902	C 0.1UF, 50V	1	
		C7801	F1H1C224A178	C 0.22UF, 16V	1	
		C7802	F1H1E104A161	C 0.1UF, 25V	1	
		C7803	F1H1H103B047	C 0.01UF, 50V	1	
		C7804	F1H1H103B047	C 0.01UF, 50V	1	
		C7805	F1J1E105A287	C 1UF, 25V	1	
		C7806	F1H1C474A178	C 0.47UF, 16V	1	
		C7807	F1H1H102B048	C 1000PF, 50V	1	
		C7809	F1A3A102A079	C 100PF, 1KV	1	
		C7810	F1A3A102A079	C 100PF, 1KV	1	
		C7811	F1J2E103A035	C 0.01UF, 250V	1	
		C7812	F1J2E103A035	C 0.01UF, 250V	1	
		C7813	F1J2E103A035	C 0.01UF, 250V	1	
		C7814	F1J2E103A035	C 0.01UF, 250V	1	
		C7815	F1J2E103A035	C 0.01UF, 250V	1	
		C7817	F1J2E103A035	C 0.01UF, 250V	1	
		C7818	F1J2E103A035	C 0.01UF, 250V	1	
		C7819	F1J2E103A035	C 0.01UF, 250V	1	
		C7823	F2A2C470A222	C 47UF, 160V	1	
		C7824	F2A2C470A222	C 47UF, 160V	1	
		C7825	F1H1H103B047	C 0.01UF, 50V	1	
		C7826	F1J2E103A035	C 0.01UF, 250V	1	
		C7827	F1J2E103A035	C 0.01UF, 250V	1	
		C7828	F1K1E105A167	C 1UF, 25V	1	
		C7829	F1J1H102A909	C 1000PF, 50V	1	
		C7830	F1H1H103B047	C 0.01UF, 50V	1	
		C7831	F1K1E105A167	C 1UF, 25V	1	
		C7832	F1H1H102B048	C 1000PF, 50V	1	
		C7839	F2A1J1210012	C 120PF, 500V	1	
		C8001	F1G1C104A173	C 0.1UF, 16V	1	
		C8002	F1J1A106A043	C 10UF, 10V	1	
		C8006	F1G1C104A173	C 0.1UF, 16V	1	
		C8010	F1G1C104A173	C 0.1UF, 16V	1	
		C8012	F1G1C104A173	C 0.1UF, 16V	1	
		C8013	F1G1C104A173	C 0.1UF, 16V	1	
		C8014	F1G1A105A107	C 1UF, 10V	1	
		C8016	F1G1C104A173	C 0.1UF, 16V	1	
		C8018	F1G1A105A107	C 1UF, 10V	1	
		C8027	F1G1C104A173	C 0.1UF, 16V	1	
		C8028	F1G1C104A173	C 0.1UF, 16V	1	
		C8031	F1J1A106A043	C 10UF, 10V	1	
		C8032	F1G1C104A173	C 0.1UF, 16V	1	
		C8034	F1J1A106A043	C 10UF, 10V	1	
		C8037	F1J1A106A043	C 10UF, 10V	1	
		C8039	F1G1C104A173	C 0.1UF, 16V	1	
		C8042	F1G1C104A173	C 0.1UF, 16V	1	

Model No. : TH-43/49CS630S Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C8044	F1G1C104A173	C 0.1UF, 16V	1	
		C8045	F1G1A105A107	C 1UF, 10V	1	
		C8052	F1J0G2260001	C 22UF, 4V	1	
		C8054	F1G1C104A173	C 0.1UF, 16V	1	
		C8055	F1G1A105A107	C 1UF, 10V	1	
		C8057	F1G1C104A173	C 0.1UF, 16V	1	
		C8059	F1G1C104A173	C 0.1UF, 16V	1	
		C8068	F1G1C104A173	C 0.1UF, 16V	1	
		C8071	F1G1C104A173	C 0.1UF, 16V	1	
		C8072	F1G1C104A173	C 0.1UF, 16V	1	
		C8073	F1G1A105A107	C 1UF, 10V	1	
		C8074	F1G1A105A107	C 1UF, 10V	1	
		C8076	F1H1A1050039	C 1UF, 10V	1	
		C8100	F1G1E472A172	C 0.47UF, 25V	1	
		C8101	F1H1E105A153	C 1UF, 25V	1	
		C8102	F1G1C104A173	C 0.1UF, 16V	1	
		C8103	F1K1V106A010	C 10UF, 25V	1	
		C8105	F1J0G2260001	C 22UF, 4V	1	
		C8108	F1G1H471A946	C 470PF, 50V	1	
		C8109	F1K1V106A010	C 10UF, 25V	1	
		C8111	F1G1C104A173	C 0.1UF, 16V	1	
		C8112	F1G1C473A173	C 0.047UF, 16V	1	
		C8114	F1G1E332A172	C 0.33UF, 25V	1	
		C8116	F1J0G2260001	C 22UF, 4V	1	
		C8117	F1J0G2260001	C 22UF, 4V	1	
		C8203	F1G1C104A173	C 0.1UF, 16V	1	
		C8204	F1G1C104A173	C 0.1UF, 16V	1	
		C8205	F1G1C104A173	C 0.1UF, 16V	1	
		C8206	F1G1C104A173	C 0.1UF, 16V	1	
		C8207	F1J1A106A043	C 10UF, 10V	1	
		C8208	F1G1C104A173	C 0.1UF, 16V	1	
		C8210	F1G1C104A173	C 0.1UF, 16V	1	
		C8212	F1G1C104A173	C 0.1UF, 16V	1	
		C8214	F1G1C104A173	C 0.1UF, 16V	1	
		C8216	F1J1A106A043	C 10UF, 10V	1	
		C8218	F1G1C104A173	C 0.1UF, 16V	1	
		C8220	F1G1C104A173	C 0.1UF, 16V	1	
		C8221	F1G1C104A173	C 0.1UF, 16V	1	
		C8224	F1G1C104A173	C 0.1UF, 16V	1	
		C8229	F1G1A105A107	C 1UF, 10V	1	
		C8230	F1G1C104A173	C 0.1UF, 16V	1	
		C8231	F1G1C104A173	C 0.1UF, 16V	1	
		C8232	F1G1C104A173	C 0.1UF, 16V	1	
		C8300	F1G1H100A948	C 1PF, 50V	1	
		C8301	F1G1H120A948	C 12PF, 50V	1	
		C8307	F1G1A105A107	C 1UF, 10V	1	
		C8308	F1G1A105A107	C 1UF, 10V	1	
		C8312	F1G1A105A107	C 1UF, 10V	1	
		C8313	F1G1A105A107	C 1UF, 10V	1	
		C8314	F1G1A105A107	C 1UF, 10V	1	
		C8315	F1G1A105A107	C 1UF, 10V	1	
		C8452	F1J1A106A043	C 10UF, 10V	1	
		C8453	F1G1C104A173	C 0.1UF, 16V	1	
		C8455	F1J0J2260004	C 22UF, 6.3V	1	
		C8457	F1G1C104A173	C 0.1UF, 16V	1	
		C8461	F1J1A106A043	C 10UF, 10V	1	
		C8463	F1G1C104A173	C 0.1UF, 16V	1	
		C8467	F1J1A106A043	C 10UF, 10V	1	
		C8470	F1G1C104A173	C 0.1UF, 16V	1	
		C8474	F1J1A106A043	C 10UF, 10V	1	
		C8475	F1G1C104A173	C 0.1UF, 16V	1	
		C8476	F1J1A106A043	C 10UF, 10V	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C8478	F1G1C104A173	C 0.1UF, 16V	1	
		C8601	F1G1C103A173	C 0.01UF, 16V	1	
		C8602	F1G1C103A173	C 0.01UF, 16V	1	
		C8700	F1H1A1050039	C 1UF, 10V	1	
		C8850	F1G1E103A144	C 0.01UF 25V	1	
		C8900	F1G1C104A173	C 0.1UF, 16V	1	
		C8901	F1G1C104A173	C 0.1UF, 16V	1	
		C8903	F1G1A105A107	C 1UF, 10V	1	
		C8905	F1G1C104A173	C 0.1UF, 16V	1	
		CF7101	D4CAY4R7A096	TERMISTOR	1	For TH-43CS630S only
		CF7102	D4CAY2R20002	TERMISTOR	1	For TH-49CS630S only
		D2001	DZ2J047M0L	DIODE	1	
		D2004	DZ2J047M0L	DIODE	1	
		D2006	DZ2J047M0L	DIODE	1	
		D2007	DZ2J047M0L	DIODE	1	
		D2008	DZ2J056M0L	DIODE	1	
		D2009	DZ2J047M0L	DIODE	1	
		D2800	DZ2J056M0L	DIODE	1	
		D2802	B3AGB0000083	LED	1	
		D2851	DZ2J068M0L	DIODE	1	
		D2852	DZ2J068M0L	DIODE	1	
		D3006	K7AAAY000016	DIODE	1	
		D3101	DZ2J140M0L	DIODE	1	
		D3102	DZ2J140M0L	DIODE	1	
		D3103	DZ2J140M0L	DIODE	1	
		D3104	DZ2J140M0L	DIODE	1	
		D3105	DZ2J140M0L	DIODE	1	
		D3106	DZ2J140M0L	DIODE	1	
		D4704	B0JCED000012	DIODE	1	
		D4785	B0JCED000012	DIODE	1	
		D5172	DZ2J220M0L	DIODE	1	
		D5173	DA2J10100L	DIODE	1	
		D5178	DZ2J068M0L	DIODE	1	
		D5179	B0ADCK000001	DIODE	1	
		D5180	DZ2J033M0L	DIODE	1	
		D5187	DZ2J047M0L	DIODE	1	
		D5191	B0ADCK000001	DIODE	1	
		D5192	B0ADCK000001	DIODE	1	
		D6750	J0ZZB0000175	DIODE	1	
		D6752	B0ZBZ0000226	DIODE	1	
		D7101	ERZE08C621CD	SURGE ABSORBER	1	
		D7102	B0FBBR000104	DIODE	1	For TH-49CS630S only
		D7104	B0EAKR000022	DIODE	1	
		D7105	B0EAKR000022	DIODE	1	
		D7106	B0EBNT000028	DIODE	1	For TH-43CS630S only
		D7211	B0ACCD000008	DIODE	1	
		D7217	B0EANR000004	DIODE	1	
		D7221	B0ACCD000008	DIODE	1	
		D7302	B0HAGQ000001	DIODE	1	
		D7304	B0HAGQ000001	DIODE	1	
		D7306	B0BC027A0336	DIODE	1	
		D7307	B0BC027A0336	DIODE	1	
		D7308	B0BC027A0336	DIODE	1	
		D7309	B0JCMG000043	DIODE	1	
		D7310	B0JCMG000043	DIODE	1	
		D7311	B0BC027A0336	DIODE	1	
		D7313	B0ACCD000008	DIODE	1	
		D7316	ERZE08C621CD	SURGE ABSORBER	1	
		D7344	DA2JF2300L	DIODE	1	
		D7345	B0ECKM000053	DIODE	1	
		D7401	B0JBSM000009	DIODE	1	
		D7404	DA2J10100L	DIODE	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		D7405	DA2J10100L	DIODE	1	
		D7411	DA2J10100L	DIODE	1	
		D7413	B0JDSG000009	DIODE	1	
		D7414	B0JDSG000009	DIODE	1	
		D7550	B0JCPE000051	DIODE	1	
		D7552	B0BC6R2A0337	DIODE	1	
		D7801	B0JBMS000009	DIODE	1	
		D7805	DB2J41100L	DIODE	1	
		D7808	DA2J10100L	DIODE	1	
		D7809	DB2J41100L	DIODE	1	
		D8000	DA2J10100L	DIODE	1	
		D8850	B0JCED000012	DIODE	1	
		F7101	K5E502YYA213	FUSE	1	
		IC3052	C0ABBB000483	IC	1	
		IC4900	C1AB00003984	IC	1	
		IC5000	AN34043AAVF	IC	1	
		IC5400	C0DBAYY02432	IC	1	
		IC5420	C0DBAYY02432	IC	1	
		IC5500	C0DBAYY02430	IC	1	
		IC5701	C0DBEYY00226	IC	1	
		IC5704	C0DBEYY00102	IC	1	
		IC6750	C1AB00004172	IC	1	
		IC6800	C1AB00004028	IC	1	
		IC7201	C0DBBYY00089	IC	1	
		IC7301	C0DBAYY02411	IC	1	
		IC7401	C0DBZYY00545	IC	1	
		IC7503	C0DBAYY01915	IC	1	
		IC7800	C0ZBZ0002164	IC	1	
		IC7801	C0ZBZ0001936	IC	1	
		IC8000	MN2WS0275PK	IC	1	
		IC8001	C0DBGYY00887	IC	1	
		IC8100	C0DBAYY02431	IC	1	
		IC8101	C0DBAYY02430	IC	1	
		IC8200	C3ABVY000018	IC	1	
		IC8201	C3ABUY000051	IC	1	
		IC8453	C0DBZYY00723	IC	1	
		IC8454	C0DBZYY00723	IC	1	
		IC8457	C0DBZYY00723	IC	1	
		IC8900	TVR4G304-AA	ROM VERSION ASSEMBLY	1	
		IC8901	C3EBGY000056	EEPROM	1	
		JA1	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		JA2	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		JA3	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		JA4	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		JA5	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		JA53	D0GFR00J0005	M 0 Ohm, J, 1/3W	1	
		JA56	D0GFR00J0005	M 0 Ohm, J, 1/3W	1	
		JA58	D0GFR00J0005	M 0 Ohm, J, 1/3W	1	
		JA6	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		JK3101	K1U511D00002	AV TERMINAL	1	
		JK3103	K2HC1YYD0001	AV TERMINAL	1	
		JK4700	K1FY119D0029	TERMINAL	1	
		JK4701	K1FY119D0029	TERMINAL	1	
		JK4702	K1FY119E0069	TERMINAL	1	
		JK6753	K1ZZ00001557	TUNER SHIELD	1	
		JK7101	K2AAYA000004	AC INLET	1	
		JK8450	K1FY104B0092	TERMINAL	1	
		JK8451	K1FY104B0092	TERMINAL	1	
		JK8452	K1FY105E0025	TERMINAL	1	
		JK8600	K2LC1YYA0019	TERMINAL	1	
		JS0048	D0GAR00J0005	CHIP RESISTOR	1	
		JS0055	D0GAR00J0005	CHIP RESISTOR	1	For TH-49CS630S only

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		JS0056	D0GAR00J0005	CHIP RESISTOR	1	For TH-43CS630S only
		K10	K1KY07AA1311	CONNECTOR	1	
		L2300	J0JYC0000464	BEAD CORE	1	
		L3113	J0JYC0000156	INDUCTOR	1	
		L3116	J0JYC0000156	INDUCTOR	1	
		L4901	G1C220MA0426	INDUCTOR	1	
		L4902	G1C220MA0426	INDUCTOR	1	
		L4903	G1C220MA0426	INDUCTOR	1	
		L4904	G1C220MA0426	INDUCTOR	1	
		L5400	G1C4R7ZA0240	INDUCTOR	1	
		L5420	G1C6R8MA0426	INDUCTOR	1	
		L5500	G1C220MA0445	INDUCTOR	1	
		L6704	J0JYC0000464	CHIP BEADS	1	
		L6706	J0JYC0000464	CHIP BEADS	1	
		L6761	J0JYC0000464	BEAD CORE	1	
		L6762	J0JYC0000464	BEAD CORE	1	
		L6763	G1CR27JA0097	COIL	1	
		L6765	G1C82NJ00010	COIL	1	
		L6772	G1CR27JA0097	INDUCTOR	1	
		L6773	G1CR27JA0097	INDUCTOR	1	
		L6774	G1CR27JA0097	INDUCTOR	1	
		L6775	G1CR22JA0097	CHIP BEADS	1	
		L6776	G1CR27JA0097	INDUCTOR	1	
		L6777	G1CR22JA0097	CHIP BEADS	1	
		L6778	G1CR22JA0097	CHIP BEADS	1	
		L6779	G1CR22JA0097	CHIP BEADS	1	
		L6800	J0JYC0000464	BEAD CORE	1	
		L6801	J0JYC0000464	BEAD CORE	1	
		L6802	J0JYC0000464	BEAD CORE	1	
		L7207	J0JYC0000729	COIL	1	
		L7209	J0JYA0000035	BEAD CORE	1	
		L7302	J0JYB0000044	COIL	1	
		L7550	G0C270MA0049	INDUCTOR	1	
		L7802	J0JYC0000729	COIL	1	
		L7804	G0C470K00027	INDUCTOR	1	For TH-49CS630S only
		L7805	G0C660Z00001	COIL	1	For TH-43CS630S only
		L7806	J0JYB0000044	COIL	1	
		L7808	J0JYA0000035	BEAD CORE	1	
		L7809	J0JYA0000035	BEAD CORE	1	
		L7810	J0JYA0000035	BEAD CORE	1	
		L7811	J0JYA0000035	BEAD CORE	1	
		L7812	J0JYB0000044	COIL	1	
		L7813	J0JYB0000044	COIL	1	
		L8001	J0JCC0000287	CHIP BEADS	1	
		L8009	J0JYC0000464	CHIP BEADS	1	
		L8013	J0JYC0000464	CHIP BEADS	1	
		L8014	J0JCC0000287	CHIP BEADS	1	
		L8100	G1C2R2ZA0311	INDUCTOR	1	
		L8101	G1C3R3MA0464	INDUCTOR	1	
		L8460	J0JYC0000464	BEAD CORE	1	
		L8461	J0JYC0000464	BEAD CORE	1	
		LD1	K1KY13BA0386	CONNECTOR	1	
		LF7103	G0B183GA0082	LINE FILTER	1	For TH-43CS630S only
		LF7104	G0B183GA0082	LINE FILTER	1	For TH-43CS630S only
		LF7105	G0B350GA0083	LINE FILTER	1	
		LF7106	G0B103H00018	LINE FILTER	1	For TH-49CS630S only
		LF7107	G0B103H00018	LINE FILTER	1	For TH-49CS630S only
		P2	K1KY16BA0491	CONNECTOR	1	
		PA7406	K5H1022A0031	FUSE	1	
		PA7409	ERBRE4R00V	FUSE RESISTOR	1	
		PC7301	B3PAA0000704	PHOTO COUPLERS	1	
		PC7302	B3PAA0000704	PHOTO COUPLERS	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		PC7303	B3PAA0000704	PHOTO COUPLERS	1	
		Q2012	B1ABCE000015	TRANSISTOR	1	
		Q2013	B1ABCE000015	TRANSISTOR	1	
		Q3102	B1ABCE000015	TRANSISTOR	1	
		Q3103	B1ABCE000015	TRANSISTOR	1	
		Q4702	B1ABCF000231	TRANSISTOR	1	
		Q4709	B1ABCF000231	TRANSISTOR	1	
		Q4710	B1ABCF000231	TRANSISTOR	1	
		Q4981	B1ABCE000015	TRANSISTOR	1	
		Q7201	B1CERR000096	TRANSISTOR	1	
		Q7202	B1ADCE000022	TRANSISTOR	1	
		Q7204	B1ADGE000012	TRANSISTOR	1	
		Q7301	B1CFRR000028	TRANSISTOR	1	
		Q7302	B1CFRR000028	TRANSISTOR	1	
		Q7303	B1ABCF000231	TRANSISTOR	1	
		Q7304	B1ABCF000231	TRANSISTOR	1	
		Q7307	B1ABCF000231	TRANSISTOR	1	
		Q7401	B1ABCF000231	TRANSISTOR	1	
		Q7402	B1CFRG000069	TRANSISTOR	1	
		Q7403	B1CHRE000035	TRANSISTOR	1	
		Q7404	B1CFRG000069	TRANSISTOR	1	
		Q7405	B1CHRE000035	TRANSISTOR	1	
		Q7418	B1CBHG000002	TRANSISTOR	1	
		Q7419	B1ABCF000231	TRANSISTOR	1	
		Q7800	B1ABCF000231	TRANSISTOR	1	
		Q7801	B1CERM000047	TRANSISTOR	1	
		Q7802	B1ADPG000002	TRANSISTOR	1	
		Q7803	B1ADPG000002	TRANSISTOR	1	
		Q7804	B1ADPG000002	TRANSISTOR	1	
		Q7805	B1ADPG000002	TRANSISTOR	1	
		Q7806	B1ADPG000002	TRANSISTOR	1	
		Q7807	B1ADPG000002	TRANSISTOR	1	
		Q7808	B1ADPG000002	TRANSISTOR	1	
		Q7809	B1ADPG000002	TRANSISTOR	1	
		Q7814	B1ABCN000007	TRANSISTOR	1	
		Q7815	B1ABCF000231	TRANSISTOR	1	
		R0904	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R0905	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0906	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0907	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0908	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0909	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0910	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R0911	D0GA272JA023	M 2.7K Ohm, J, 1/16W	1	
		R0912	D0GA272JA023	M 2.7K Ohm, J, 1/16W	1	
		R0913	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R0932	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R0933	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R0936	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R0937	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R0938	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0939	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0940	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0945	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0946	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0947	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0948	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0950	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0951	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R0954	D0GA272JA023	M 2.7K Ohm, J, 1/16W	1	
		R0955	D0GA272JA023	M 2.7K Ohm, J, 1/16W	1	
		R0956	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R0957	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R0961	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R0962	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R1951	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R1953	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R2000	D0GA224JA023	M 220K Ohm, J, 1/16W	1	
		R2003	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R2008	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R2013	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R2014	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R2016	D0GA302JA023	M 3K Ohm, J, 1/16W	1	
		R2017	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R2018	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R2051	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R2056	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R2058	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R2059	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R2060	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R2061	D0GA223JA023	M 22K Ohm, J, 1/16W	1	
		R2062	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R2067	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R2806	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R2807	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R2820	D0GB470JA065	M 47 Ohm, J, 1/10W	1	
		R2821	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R2823	D1BB4301A073	M 4.3K Ohm, J, 1/10W	1	
		R2824	D1BB1001A073	M 1K Ohm, J, 1/10W	1	
		R2852	D1BD1911A066	M 1.91K Ohm, F, 1/8W	1	
		R2853	D1BD3091A066	M 3.09K Ohm, F, 1/8W	1	
		R2854	D1BD6041A066	M 6.04K Ohm, F, 1/8W	1	
		R2855	D1BD1692A066	M 16.9K Ohm, F, 1/8W	1	
		R3117	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R3118	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R3132	D0GB103JA065	M 10K Ohm, J, 1/10W	1	
		R3157	D1H82204A042	CHIP RESISTOR	1	
		R3163	D0GA104JA023	M 100K Ohm, J, 1/16W	1	
		R3164	D0GA104JA023	M 100K Ohm, J, 1/16W	1	
		R3167	D0GA333JA023	M 33K Ohm, J, 1/16W	1	
		R3168	D0GA333JA023	M 33K Ohm, J, 1/16W	1	
		R3171	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R3172	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R3173	D1BB1003A073	M 100K Ohm, J, 1/10W	1	
		R3179	D0GA331JA023	M 330 Ohm, J, 1/16W	1	
		R3180	D0GA331JA023	M 330 Ohm, J, 1/16W	1	
		R3181	D1BD75R0A066	M 75 Ohm, F, 1/8W	1	
		R3182	D1BD75R0A066	M 75 Ohm, F, 1/8W	1	
		R3183	D1BD75R0A066	M 75 Ohm, F, 1/8W	1	
		R3188	D1BB1003A073	M 100K Ohm, J, 1/10W	1	
		R3201	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R3231	D0GB103JA065	M 10K Ohm, J, 1/10W	1	
		R3233	D1BB2002A073	M 20K Ohm, J, 1/10W	1	
		R3234	D1BB2002A073	M 20K Ohm, J, 1/10W	1	
		R3237	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R3238	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R4091	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R4133	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R4138	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R4139	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R4159	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R4715	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4721	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4722	D0GA103JA023	M 10K Ohm, J, 1/16W	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R4723	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4724	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R4725	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4731	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4739	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R4748	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4749	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4750	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4751	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4752	D1BA1600A023	M 160 Ohm, F, 1/16W	1	
		R4753	D1BA82R0A023	M 82 Ohm, F, 1/16W	1	
		R4764	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4766	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4788	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4794	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4795	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4796	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4797	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R4798	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4799	D0GA273JA023	M 270K Ohm, J, 1/16W	1	
		R4800	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4801	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4803	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4804	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4805	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4806	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4807	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4808	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R4809	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4900	D0GFR00J0005	M 0 Ohm, J, 1/3W	1	
		R4906	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4907	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R4908	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R4917	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R4918	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R4919	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R4955	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4956	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R4958	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4980	D0GB332JA065	M 3.3K Ohm, J, 1/10W	1	
		R4981	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R4982	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R4984	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4985	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4986	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R4987	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R5002	D0GA683JA023	M 68K Ohm, J, 1/16W	1	
		R5003	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R5006	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R5007	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R5009	D1BA5602A023	M 56K Ohm, F, 1/16W	1	
		R5012	D1BA2202A023	M 20K Ohm, F, 1/16W	1	
		R5030	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R5031	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R5032	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R5100	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R5101	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R5102	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R5104	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R5152	D0GA222JA023	M 2.2K Ohm, J, 1/16W	1	
		R5175	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R5181	D0GA103JA023	M 10K Ohm, J, 1/16W	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R5200	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R5401	D1BA2202A023	M 20K Ohm, F, 1/16W	1	
		R5402	D1BB9100A073	M 910 Ohm, J, 1/10W	1	
		R5403	D1BB2871A073	M 2.87K Ohm, J, 1/10W	1	
		R5421	D1BA3302A023	M 33K Ohm, F, 1/16W	1	
		R5422	D1BB9100A073	M 910 Ohm, J, 1/10W	1	
		R5423	D1BB4871A073	M 4.87K Ohm, J, 1/10W	1	
		R5500	D1BA4702A023	M 47K Ohm, F, 1/16W	1	
		R5501	D1BA3601A023	M 3.6K Ohm, F, 1/16W	1	
		R5502	D1BA5102A023	M 51K Ohm, F, 1/16W	1	
		R5507	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R5709	D1BA1201A023	M 1.2K Ohm, F, 1/16W	1	
		R5712	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R5731	D1BA1200A023	M 120 Ohm, F, 1/16W	1	
		R5732	D1BA56R0A023	M 56 Ohm, F, 1/16W	1	
		R5742	D1BA3001A023	M 3K Ohm, F, 1/16W	1	
		R5743	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R5745	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R5747	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R6728	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R6729	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R6734	D1BA1002A023	M 10K Ohm, F, 1/16W	1	
		R6750	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R6751	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R6753	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R6754	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R6755	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R6756	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R6757	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R6758	D0GA101JA023	M 100 Ohm, J, 1/16W	1	
		R6759	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R6760	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R6761	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R6804	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R6805	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R6810	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R6812	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6813	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6818	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6840	D0GA471JA023	M 470 Ohm, J, 1/16W	1	
		R6846	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6847	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6848	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6849	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6850	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6861	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6862	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6863	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R6880	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R6881	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R6884	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R7101	D0GF105JA048	M 1M Ohm, J, 1/4W	1	
		R7102	D0GF105JA048	M 1M Ohm, J, 1/4W	1	
		R7103	D0GF105JA048	M 1M Ohm, J, 1/4W	1	
		R7104	D0GD102JA052	M 1K Ohm, J, 1/8W	1	
		R7105	D0GD102JA052	M 1K Ohm, J, 1/8W	1	
		R7201	ERX1SJR22V	M 0.22 Ohm, J, 1/10W	1	
		R7202	ERX1SJR22V	M 0.22 Ohm, J, 1/10W	1	
		R7203	D0GD394JA052	M 390K Ohm, J, 1/8W	1	
		R7204	D0GF221JA047	M 220 Ohm, J, 1/3W	1	
		R7205	D0GD470JA052	M 47 Ohm, J, 1/8W	1	
		R7206	D0GF220JA047	M 22 Ohm, J, 1/3W	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R7207	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7208	ERX1SJR22V	M 0.22 Ohm, J, 1/10W	1	
		R7211	D0GD104JA052	M 100K Ohm, J, 1/8W	1	
		R7212	D0GB223JA065	M 22K Ohm, J, 1/10W	1	
		R7219	D0GB513JA065	M 51K Ohm, J, 1/10W	1	
		R7220	D0GB223JA065	M 22K Ohm, J, 1/10W	1	
		R7224	D1BD8203A066	M 820K Ohm, F, 1/8W	1	
		R7225	D1BF1504A073	M 1.5M Ohm, F, 1/16W	1	
		R7226	D1BF1504A073	M 1.5M Ohm, F, 1/16W	1	
		R7227	D1BF1504A073	M 1.5M Ohm, F, 1/16W	1	
		R7228	D1BF1504A073	M 1.5M Ohm, F, 1/16W	1	
		R7229	D1BD2003A066	M 200K Ohm, F, 1/8W	1	
		R7230	D1BD4422A066	M 44.2K Ohm, F, 1/8W	1	
		R7231	D1BD4303A066	M 430K Ohm, F, 1/8W	1	
		R7232	D1BD3603A066	M 360K Ohm, F, 1/8W	1	
		R7234	D1BD8203A066	M 820K Ohm, F, 1/8W	1	
		R7239	D0GF820JA047	M 82 Ohm, J, 1/4W	1	
		R7301	D1BD5602A066	M 56K Ohm, F, 1/8W	1	
		R7302	D0GD101JA059	M 100 Ohm, J, 1/8W	1	
		R7303	D0GD101JA059	M 100 Ohm, J, 1/8W	1	
		R7304	D0AF2R2JA112	C 2.2 Ohm, J, 1/2W	1	
		R7305	D0AF101JA112	C 100 Ohm, J, 1/2W	1	
		R7306	D0GD222JA052	M 2.2K Ohm, J, 1/8W	1	
		R7307	D0GD562JA052	M 5.6K Ohm, J, 1/8W	1	
		R7308	D0GD222JA052	M 2.2K Ohm, J, 1/8W	1	
		R7310	D1BD3302A066	M 33K Ohm, F, 1/8W	1	
		R7311	D0XB106JA018	M 10M Ohm, J, 1/16W	1	
		R7312	D1BD1802A066	M 18K Ohm, F, 1/8W	1	
		R7315	D0GB222JA065	M 2.2K Ohm, J, 1/10W	1	
		R7318	D0GD474JA052	M 470K Ohm, J, 1/8W	1	
		R7319	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7321	D0GD100JA059	M 10 Ohm, J, 1/8W	1	
		R7322	D0GD100JA059	M 10 Ohm, J, 1/8W	1	
		R7323	D0GD223JA052	M 22K Ohm, J, 1/8W	1	
		R7324	D0GD223JA052	M 22K Ohm, J, 1/8W	1	
		R7325	ERX1SJR0V	M 1.0 Ohm, J, 1/10W	1	
		R7328	D0AF391JA112	C 390 Ohm, J, 1/2W	1	
		R7340	D0GF225JA048	M 2.2K Ohm, J, 1/4W	1	
		R7341	D0GF225JA048	M 2.2K Ohm, J, 1/4W	1	
		R7342	D0GF225JA048	M 2.2K Ohm, J, 1/4W	1	
		R7351	D0GD682JA052	M 6.8K Ohm, J, 1/8W	1	
		R7352	D0GD683JA052	M 68K Ohm, J, 1/8W	1	
		R7382	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7383	D0GD104JA052	M 100K Ohm, J, 1/8W	1	
		R7398	D1BD1601A066	M 1.6K Ohm, F, 1/8W	1	
		R7401	D0GD472JA052	M 4.7K Ohm, J, 1/8W	1	
		R7402	D0GB103JA065	M 10K Ohm, J, 1/10W	1	
		R7403	D0GD102JA052	M 1K Ohm, J, 1/8W	1	
		R7404	D0GD104JA052	M 100K Ohm, J, 1/8W	1	
		R7405	D0GD222JA052	M 2.2K Ohm, J, 1/8W	1	
		R7406	D1BD3301A066	M 3.3K Ohm, F, 1/8W	1	
		R7407	D0GB103JA065	M 10K Ohm, J, 1/10W	1	
		R7408	D1BD1802A066	M 18K Ohm, F, 1/8W	1	
		R7409	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7410	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7411	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7412	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7421	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7422	D0GD224JA052	M 220K Ohm, J, 1/8W	1	
		R7423	D0GD564JA052	M 560K Ohm, J, 1/8W	1	
		R7426	D0GD472JA052	M 4.7K Ohm, J, 1/8W	1	
		R7441	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R7456	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7475	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7476	D0GD105JA052	M 1M Ohm, J, 1/8W	1	
		R7477	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7478	D0GD224JA052	M 220K Ohm, J, 1/8W	1	
		R7479	D0GD684JA052	M 680K Ohm, J, 1/8W	1	
		R7510	D0GD153JA052	M 15K Ohm, J, 1/8W	1	
		R7511	D0GD153JA052	M 15K Ohm, J, 1/8W	1	
		R7551	D0GD100JA052	M 10 Ohm, J, 1/8W	1	
		R7554	D1BD7872A066	M 78.7K Ohm, F, 1/8W	1	
		R7555	D1BD1432A066	M 14.3K Ohm, F, 1/8W	1	
		R7557	D0GD514JA052	M 510K Ohm, J, 1/8W	1	
		R7800	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7801	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7802	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7803	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7804	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7805	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7806	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7807	D1BD2R40A066	M 2.4 Ohm, F, 1/10W	1	
		R7808	D0GB103JA065	M 10K Ohm, J, 1/10W	1	
		R7809	D1BB1103A143	M 110K Ohm, J, 1/10W	1	For TH-43CS630S only
		R7809	D1BB1603A073	M 160K Ohm, J, 1/10W	1	For TH-49CS630S only
		R7810	D1BB3302A073	M 33K Ohm, J, 1/10W	1	
		R7811	D0GB472JA065	M 4.7K Ohm, J, 1/10W	1	
		R7812	D1BB1503A073	M 150K Ohm, J, 1/10W	1	
		R7815	D1BD1503A066	M 15K Ohm, F, 1/8W	1	
		R7816	D1BD1503A066	M 15K Ohm, F, 1/8W	1	
		R7817	D0GB114JA065	M 110K Ohm, J, 1/10W	1	
		R7818	D0GB203JA065	M 20K Ohm, J, 1/10W	1	
		R7819	D0GD1R0JA052	M 1.0 Ohm, J, 1/8W	1	
		R7820	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7821	D0GD470JA059	M 47 Ohm, J, 1/8W	1	
		R7822	D0GD100JA059	M 10 Ohm, J, 1/8W	1	
		R7825	D0GD470JA059	M 47 Ohm, J, 1/8W	1	
		R7826	D0GB105JA065	M 1M Ohm, J, 1/10W	1	
		R7827	D0GB474JA065	M 470K Ohm, J, 1/10W	1	
		R7828	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7829	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7830	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7831	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7832	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7833	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7834	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7835	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7836	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7837	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7838	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7839	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7840	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7841	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7842	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7843	D0GDR00J0004	M 0 Ohm, J, 1/8W	1	
		R7844	D0GB473JA065	M 47K Ohm, J, 1/10W	1	
		R7846	D0GB470JA065	M 47 Ohm, J, 1/10W	1	
		R7847	D0GB101JA065	M 100 Ohm, J, 1/10W	1	For TH-43CS630S only
		R7847	D0GB470JA065	M 47 Ohm, J, 1/10W	1	For TH-49CS630S only
		R7853	D1BB4701A073	M 470 Ohm, J, 1/10W	1	For TH-49CS630S only
		R7853	D1BB5101A073	M 5.1K Ohm, J, 1/10W	1	For TH-43CS630S only
		R7857	ERX1SJR22V	M 0.22 Ohm, J, 1/10W	1	
		R7858	ERX1SJR22V	M 0.22 Ohm, J, 1/10W	1	
		R7860	D1BB1502A073	M 15K Ohm, J, 1/10W	1	For TH-49CS630S only

Model No. : TH-43/49CS630S Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R7860	D1BB7502A073	M 7.5K Ohm, J, 1/10W	1	For TH-43CS630S only
		R7863	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R7864	ERG2SJ562V	RESISTOR	1	
		R7865	D0GD104JA052	M 100K Ohm, J, 1/8W	1	
		R7866	D0GD103JA052	M 10K Ohm, J, 1/8W	1	
		R7867	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7868	D0GD103JA052	M 10K Ohm, J, 1/8W	1	
		R7869	D0GD473JA052	M 47K Ohm, J, 1/8W	1	
		R7870	D0GD103JA052	M 10K Ohm, J, 1/8W	1	
		R7871	D0GBR00J0004	M 0 Ohm, J, 1/10W	1	
		R7881	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7882	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7883	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7884	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7885	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7886	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7887	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R7888	D0GD225JA052	M 2.2M Ohm, J, 1/8W	1	
		R8005	D0GA1R1JA023	M 1.1 Ohm, J, 1/16W	1	
		R8010	D0GA511JA023	M 510 Ohm, J, 1/16W	1	
		R8011	D0GA104JA023	M 100K Ohm, J, 1/16W	1	
		R8102	D1BA4701A023	M 4.7K Ohm, F, 1/16W	1	
		R8103	D1BA2002A023	M 20K Ohm, F, 1/16W	1	
		R8104	D1BA1802A023	M 18K Ohm, F, 1/16W	1	
		R8200	D1BA2400A023	M 240 Ohm, F, 1/16W	1	
		R8203	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8204	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8205	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8206	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8207	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8208	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8217	D0GA221JA023	M 220 Ohm, J, 1/16W	1	
		R8218	D0GA221JA023	M 220 Ohm, J, 1/16W	1	
		R8219	D1BA2400A023	M 240 Ohm, F, 1/16W	1	
		R8220	D1BA2400A023	M 240 Ohm, F, 1/16W	1	
		R8221	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8230	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8231	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8232	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8233	D1BA2700A023	M 270 Ohm, F, 1/16W	1	
		R8234	D0GA330JA023	M 33 Ohm, J, 1/16W	1	
		R8236	D0GA330JA023	M 33 Ohm, J, 1/16W	1	
		R8240	D1H83304A042	CHIP RESISTOR	1	
		R8241	D1H83304A042	CHIP RESISTOR	1	
		R8242	D1H83304A042	CHIP RESISTOR	1	
		R8243	D1H83304A042	CHIP RESISTOR	1	
		R8244	D1H83304A042	CHIP RESISTOR	1	
		R8245	D0GA330JA023	M 33 Ohm, J, 1/16W	1	
		R8246	D0GA330JA023	M 33 Ohm, J, 1/16W	1	
		R8300	D0GA331JA023	M 330 Ohm, J, 1/16W	1	
		R8301	D0GA360JA023	M 36 Ohm, J, 1/16W	1	
		R8302	D0GA360JA023	M 36 Ohm, J, 1/16W	1	
		R8303	D1BA6201A023	M 6.2K Ohm, F, 1/16W	1	
		R8305	D1BA2491A023	M 2.49k Ohm, F, 1/16W	1	
		R8306	D0GA360JA023	M 36 Ohm, J, 1/16W	1	
		R8307	D0GA360JA023	M 36 Ohm, J, 1/16W	1	
		R8450	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8451	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8453	D1BA2872A023	M 28.7K Ohm, F, 1/16W	1	
		R8454	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8455	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8457	D1BA2872A023	M 28.7K Ohm, F, 1/16W	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R8458	D1BA1652A023	M 16.5K Ohm, F, 1/16W	1	
		R8469	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8470	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8474	D0GA272JA023	M 2.7K Ohm, J, 1/16W	1	
		R8478	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R8479	D0GAR00J0005	M 0 Ohm, 1/16W	1	
		R8666	D1HY1038A012	RESISTOR	1	
		R8800	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8803	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8816	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8817	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8819	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8820	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8831	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8850	D0GA331JA023	M 330 Ohm, J, 1/16W	1	
		R8851	D1BB7151A073	M 7.15K Ohm, J, 1/10W	1	
		R8852	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R8853	D0GA182JA023	M 1.8K Ohm, J, 1/16W	1	
		R8858	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8870	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8878	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8884	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8885	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8903	D0GA472JA023	M 4.7K Ohm, J, 1/16W	1	
		R8906	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R8909	D0GA222JA023	M 2.2K Ohm, J, 1/16W	1	
		R8910	D0GA103JA023	M 10K Ohm, J, 1/16W	1	
		R8911	D1HY1218A012	CHIP RESISTOR	1	
		R8914	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R8915	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R8916	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R8917	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R8918	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R8919	D0GA680JA023	M 68 Ohm, J, 1/16W	1	
		R8924	D0GA102JA023	M 1K Ohm, J, 1/16W	1	
		R8926	D0GA332JA023	M 3.3K Ohm, J, 1/16W	1	
		R8967	D0GA473JA023	M 47K Ohm, J, 1/16W	1	
		R959	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		R960	D0GA220JA023	M 22 Ohm, J, 1/16W	1	
		RM2800	B3RBB0000018	PHOTO DETECTOR	1	
		SN2800	B3JB00000223	PHOTO DETECTORS	1	
		SW2851	EVQ11G05R	SWITCH	1	
		SW2852	EVQ11G05R	SWITCH	1	
		SW2853	EVQ11G05R	SWITCH	1	
		SW2854	EVQ11G05R	SWITCH	1	
		SW2855	EVQ11G05R	SWITCH	1	
		SW2857	EVQ11G05R	SWITCH	1	
		T7201	G4DYA0000496	TRANSFORMER	1	
		T7301	G4DYA0000684	TRANSFORMER	1	
		X6750	H0J240500067	CRYSTAL OSCILLATOR	1	
		X6800	H0J410500003	CRYSTAL OSCILLATOR	1	
		X8300	H0J250500109	CRYSTAL OSCILLATOR	1	
		ZA7101	K4AD01A00004	RUG TERMINAL	1	
		ZA7102	K4AD01A00004	RUG TERMINAL	1	
		ZA7104	K4AD01A00004	RUG TERMINAL	1	
		ZA7105	K4AD01A00004	RUG TERMINAL	1	
		ZA7106	K4AD01A00004	RUG TERMINAL	1	

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Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
			K1HY05YY0230	WIFI USB CABLE	1	For TH-49CS630S only
		2	K2CQ2YY00131	AC CORD	1	
		3	L0EYAA000068	SPEAKER UNIT	1	
		4	N2QAYB000934	REMOTE TRANSMITTER	1	
		5	N5HBZ0000114	WIFI MODULE	1	
		6	TBL5ZX09041	STAND METAL ASSY	1	
			TBM4GD5733	MODEL NAME PLATE	1	For TH-49CS630S only
			TBM4GD5739	MODEL NAME PLATE	1	For TH-43CS630S only
		8	TBX5ZA03303	KEY BUTTON BRACKET	1	
		9	TKK5ZC50581	LED PANEL	1	
		10	TKP5ZA32206	SIDE AV BRACKET	1	
		11	TPD4GA05131	CUSHION FRONT	1	
		12	TPD4GA06071	CUSHION TOP	1	For TH-43CS630S only
		13	TPD4GA06081	CUSHION BOTTOM	1	For TH-43CS630S only
		12	TPD4GA06161	CUSHION TOP	1	For TH-49CS630S only
		13	TPD4GA06171	CUSHION BOTTOM	1	For TH-49CS630S only
		14	TQZ4GB923	FAN BAG ASSY	1	
			TSCKF0970002	LVDS CABLE	1	For TH-43CS630S only
			TSCKF0970003	LVDS CABLE	1	For TH-49CS630S only
		16	TXFPC01TSUS	CARTON ASSY	1	For TH-49CS630S only
		16	TXFPC01TTUS	CARTON ASSY	1	For TH-43CS630S only
		17	TXN/K1TSUS	K PRINT (FINISHED)	1	
		18	TZBL5ZX09091	PEDESTAL ASSY	1	For TH-43CS630S only
		18	TZBL5ZX09151	PEDESTAL ASSY	1	For TH-49CS630S only
		19	TZLP735TSUT	LCD PANEL ASSY	1	For TH-49CS630S only
		19	TZLP769TTUT	LCD PANEL ASSY	1	For TH-43CS630S only
		20	TZRNPI1TSUS	P PRINT ASSEMBLIES	1	For TH-49CS630S only
		20	TZRNPI1TTUS	P PRINT ASSEMBLIES	1	For TH-43CS630S only
		21	TZT/A1TSUS	A PRINT FINISHED	1	For TH-49CS630S only
		21	TZT/A1TTUS	A PRINT FINISHED	1	For TH-43CS630S only
		22	TZTU4GA1446	BACK COVER COMPLETE ASSY	1	For TH-49CS630S only
		22	TZTU4GA1453	BACK COVER COMPLETE ASSY	1	For TH-43CS630S only