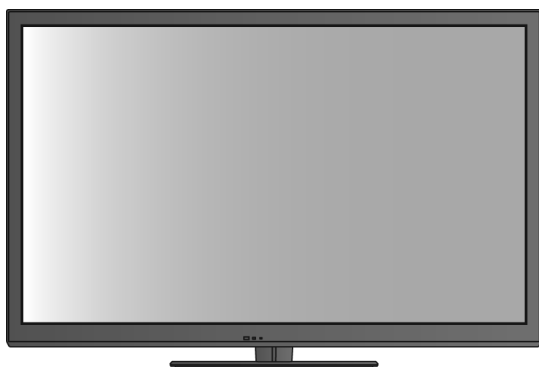


# Service Manual

## LED TV



**Model No. TH-L42ET5R**

**Chassis: LA35**

**Destination: IRAN**

### **WARNING**

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

### **IMPORTANT SAFETY NOTICE**

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

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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  $\infty$ .

### 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 $\mu$ 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.

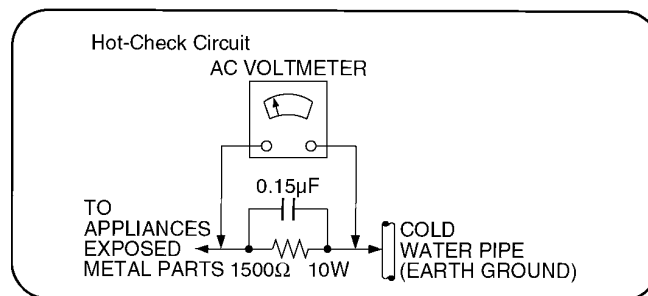


Figure 1

## 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).

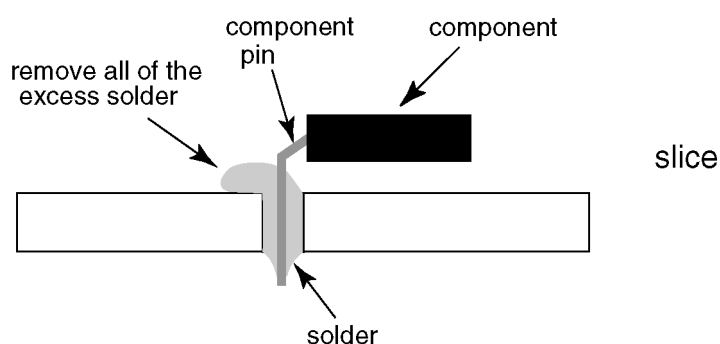
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

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.

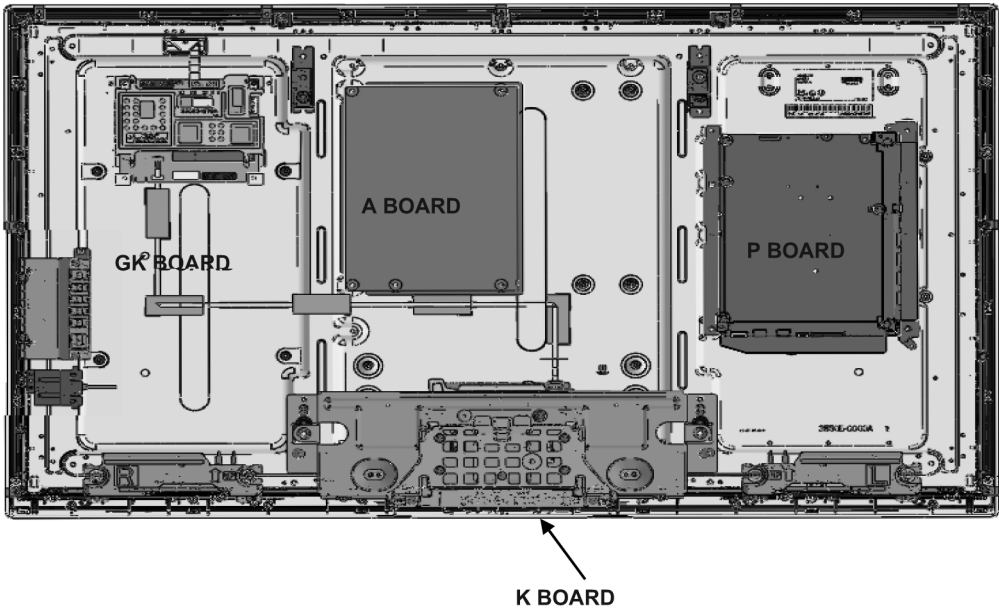
### Caution

- 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, LD4, STBY EEP | Repairable |
| P BOARD    | Power Supply                  | Repairable |
| K BOARD    | LED/RM/CATS                   | Repairable |
| GK BOARD   | Function SW for LGD panel     | Repairable |

## 4 Specifications

|                                       |                                          |
|---------------------------------------|------------------------------------------|
| <b>Power Source</b>                   | AC 220-240 V, 50 / 60 Hz                 |
| <b>Power Consumption</b>              |                                          |
| <b>Power Rating</b>                   | 110 W                                    |
| <b>Standby Condition</b>              | 0.2 W                                    |
| <b>Display panel</b>                  |                                          |
| <b>Panel system</b>                   | IPS LED backlight Liquid Crystal Display |
| <b>Visible screen size (diagonal)</b> | 107 cm                                   |
| <b>Number of pixels</b>               | 2,073,600 (1,920 (W) × 1,080 (H))        |
| <b>Dimensions (W × H × D)</b>         | 997 mm × 650 mm × 247 mm (With Pedestal) |
|                                       | 997 mm × 604 mm × 52 mm (TV only)        |
| <b>Mass</b>                           | 17.0 kg Net (With Pedestal)              |
|                                       | 14.0 kg Net (TV only)                    |
| <b>Sound</b>                          |                                          |
| <b>Speaker</b>                        | (75 mm × 22 mm) × 2,     8 Ω             |
| <b>Audio Output</b>                   | 20 W (10 W + 10 W)                       |
| <b>Headphones</b>                     | M3 (3.5 mm) stereo mini Jack × 1         |

| Receiving Systems / Band name           | 17 SYSTEMS                                 | FUNCTIONS                                                                            |
|-----------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------|
|                                         | 1 PAL B, G, H                              |                                                                                      |
|                                         | 2 PAL I                                    |                                                                                      |
|                                         | 3 PAL D, K                                 |                                                                                      |
|                                         | 4 SECAM B, G                               | Reception of broadcast transmission and playback from video cassette tape recorders. |
|                                         | 5 SECAM D, K                               |                                                                                      |
|                                         | 6 SECAM K1                                 |                                                                                      |
|                                         | 7 NTSC M (NTSC 3.58 / 4.5MHz)              |                                                                                      |
|                                         | 8 NTSC 4.43 / 5.5 MHz                      |                                                                                      |
|                                         | 9 NTSC 4.43 / 6.0 MHz                      |                                                                                      |
|                                         | 10 NTSC 4.43 / 6.5 MHz                     | Playback from special VCR's or DVD.                                                  |
|                                         | 11 NTSC 3.58 / 5.5 MHz                     |                                                                                      |
|                                         | 12 NTSC 3.58 / 6.0 MHz                     |                                                                                      |
|                                         | 13 NTSC 3.58 / 6.5 MHz                     |                                                                                      |
|                                         | 14 SECAM I                                 |                                                                                      |
|                                         | 15 PAL 60 Hz / 5.5 MHz                     | Playback from Special Disc Players and Special VCR's or DVD.                         |
|                                         | 16 PAL 60 Hz / 6.0 MHz                     |                                                                                      |
|                                         | 17 PAL 60 Hz / 6.5 MHz                     |                                                                                      |
| <b>Receiving Channels (Analogue TV)</b> |                                            |                                                                                      |
| <b>VHF BAND</b>                         | 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)                        |                                                                                      |
| <b>UHF BAND</b>                         | 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)                       |                                                                                      |
| <b>CATV</b>                             | S1 - S20 (OSCAR)                           |                                                                                      |
|                                         | 1 - 125 (USA CATV)                         |                                                                                      |
|                                         | C13 - C49 (JAPAN)                          |                                                                                      |
|                                         | S21 - S41 (HYPER)                          |                                                                                      |
|                                         | Z1 - Z37 (CHINA)                           |                                                                                      |
|                                         | 5A, 9A (AUST.)                             |                                                                                      |
| <b>Aerial - Rear</b>                    | VHF / UHF                                  |                                                                                      |
| <b>Operating Conditions</b>             | Temperature : 0°C - 40°C                   |                                                                                      |
|                                         | Humidity : 20 % - 80 % RH (non-condensing) |                                                                                      |

**Connection Terminals**

|                                 |                  |                                                                 |                                        |
|---------------------------------|------------------|-----------------------------------------------------------------|----------------------------------------|
| <b>AV1 IN</b>                   | <b>AUDIO L-R</b> | RCA PIN Type × 2                                                | 0.5 V[rms]                             |
|                                 | <b>VIDEO</b>     | RCA PIN Type × 1                                                | 1.0 V[p-p] (75 Ω)                      |
| <b>AUDIO OUT</b>                | <b>AUDIO L-R</b> | RCA PIN Type × 2                                                | 0.5 V[rms] (high impedance)            |
| <b>AV2 IN</b>                   | <b>AUDIO L-R</b> | RCA PIN Type × 2                                                | 0.5 V[rms]                             |
|                                 | <b>COMPONENT</b> | Y                                                               | 1.0 V[p-p] (including synchronisation) |
|                                 |                  | P <sub>B</sub> /C <sub>B</sub> , P <sub>R</sub> /C <sub>R</sub> | ±0.35 V[p-p]                           |
|                                 | <b>VIDEO</b>     | RCA PIN Type × 1                                                | 1.0 V[p-p] (75 Ω)                      |
| <b>HDMI 1 / 2 / 3 / 4 input</b> |                  | TYPE A Connectors                                               |                                        |
|                                 |                  | • This TV supports 'HDAVI Control 5' function.                  |                                        |
| <b>PC</b>                       |                  | HIGH-DENSITY D-SUB 15PIN                                        |                                        |
|                                 |                  | R, G, B: 0.7 V[p-p] (75 Ω)                                      |                                        |
|                                 |                  | HD, VD: TTL Level 2.0-5.0 V[p-p] (high impedance)               |                                        |
|                                 |                  | • Applicable input signals:                                     |                                        |
|                                 |                  | VGA, SVGA, WVGA, XGA, SXGA, WXGA                                |                                        |
| <b>Card Slot</b>                |                  | SD Card slot × 1                                                |                                        |
| <b>ETHERNET</b>                 |                  | 10BASE-T / 100BASE-TX                                           |                                        |
| <b>USB 1 / 2 / 3</b>            |                  | USB 2.0 TYPE A Connectors                                       | DC 5 V, Max. 500 mA                    |
| <b>DIGITAL AUDIO OUT</b>        |                  | PCM / Dolby Digital, Fibre optic                                |                                        |

**3D Eyewear**

|                                |                               |
|--------------------------------|-------------------------------|
| <b>Dimensions (W × H × D)</b>  | 149.0 mm × 44.0 mm × 171.0 mm |
| <b>Mass</b>                    | Approx. 18 g                  |
| <b>Lens type</b>               | Circularly-polarised filter   |
| <b>Usage temperature range</b> | 0 °C - 40 °C                  |
| <b>Materials</b>               | Main body: Resin              |
|                                | Lens section: Resin           |

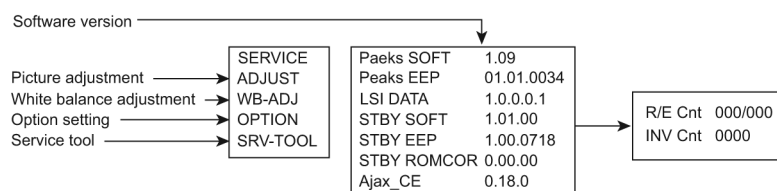
**Note**

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

## 5 Service Mode

### 5.1. How to enter into Service Mode

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



#### 5.1.1. Contents of adjustment mode

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

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

#### 5.1.2. How to exit

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

## 5.2. SRV-TOOL

### 5.2.1. How to access

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

|                                   |                               |                             |
|-----------------------------------|-------------------------------|-----------------------------|
|                                   | SRV-TOOL                      |                             |
|                                   |                               |                             |
|                                   |                               |                             |
|                                   |                               |                             |
| Display of TD2Microcode version → | TD2Microcode:0075004          |                             |
| Display of Flash ROM maker code → | Flash ROM : AD-F1             |                             |
| Display of SOS History →          | PTCT : 00 . 00 . 00 . 00 . 00 | Time 00016.46 Count 0000024 |
|                                   |                               |                             |

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.

### 5.2.5. Self Check Mode

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

### 5.2.6. Hotel Mode Adjustment

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

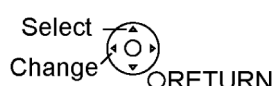
### 5.2.7. Hotel Mode

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

Then, the Hotel mode setup menu is displayed.

#### Hotel Mode

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



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

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

# 6 Troubleshooting Guide

Use the self-check function to test the unit.

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

## 6.1. Check of the IIC bus lines

### 6.1.1. How to access

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

Self-check indication and forced to factory shipment setting:  
Produce TV reception screen, and while pressing [VOLUME ( - )] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.

### 6.1.2. Exit

Disconnect the AC cord from wall outlet.

### 6.1.3. Screen display

SELF CHECK

---- . XXXXXX - XXXXXX

|       |    |
|-------|----|
| PEAKS | OK |
| TUN   | OK |
| AVSW  | OK |
| STBY  | OK |
| MEM1  | OK |
| MEM2  | OK |
| MEM3  | OK |
| DCDC  | OK |
| DAC   | OK |
| ID    | OK |

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## 6.2. Power LED Blinking timing chart

### 1. Subject

Information of LED Flashing timing chart.

### 2. Contents

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

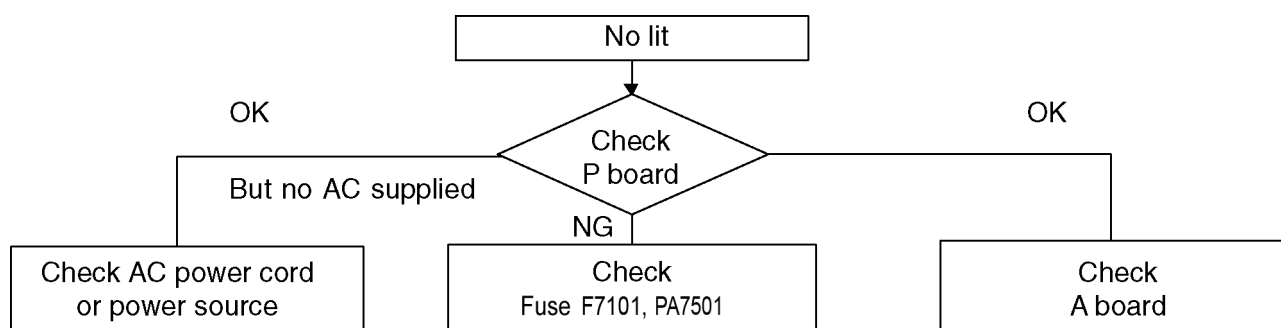
| Priority | Name      | Factor                  | R_LED Blink |
|----------|-----------|-------------------------|-------------|
| 1        | BL_SOS    | SOS from PANEL inverter | 1           |
| 2        | POWER_SOS | SOS from POWER Curcuit  | 3           |
| 3        | SOUND_SOS | SOS from audio AMP      | 9           |

## 6.3. No Power

First check point

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

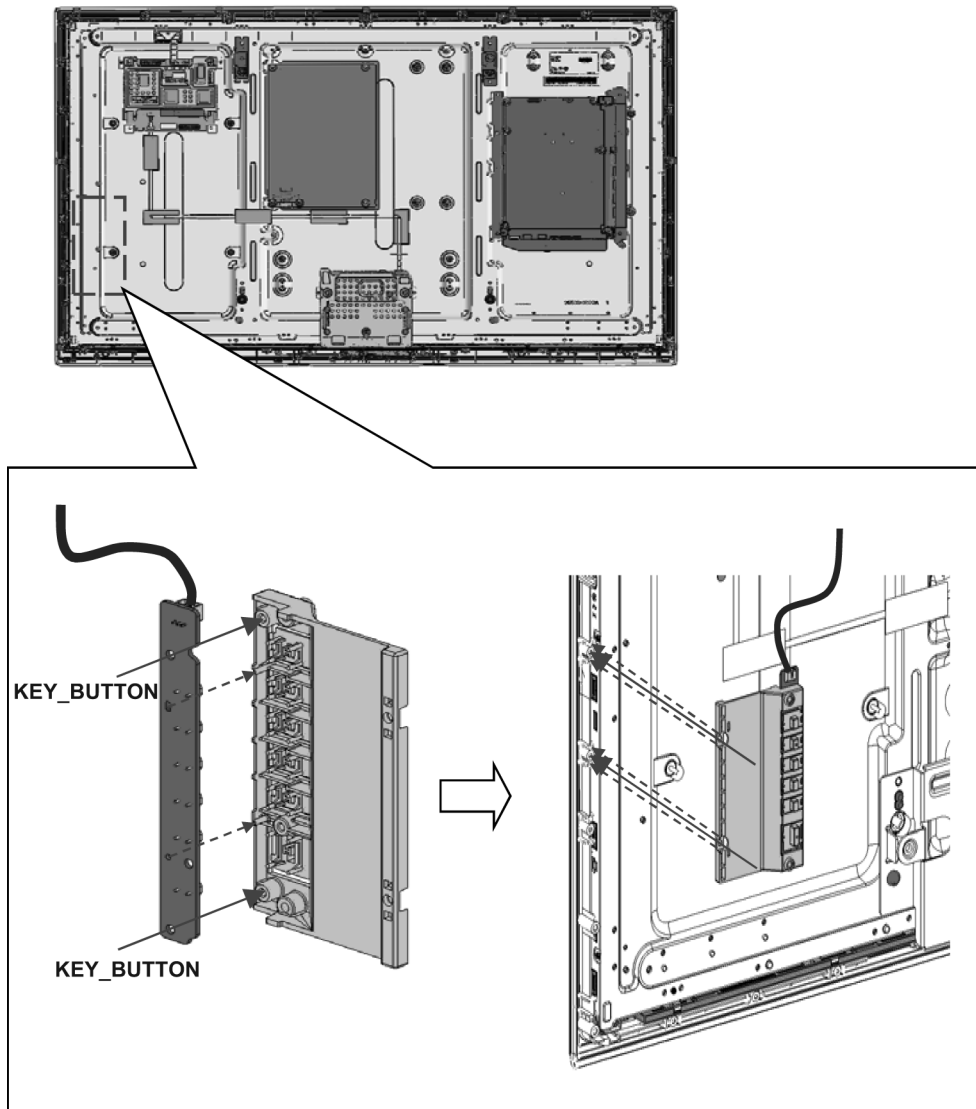
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 6.2.)



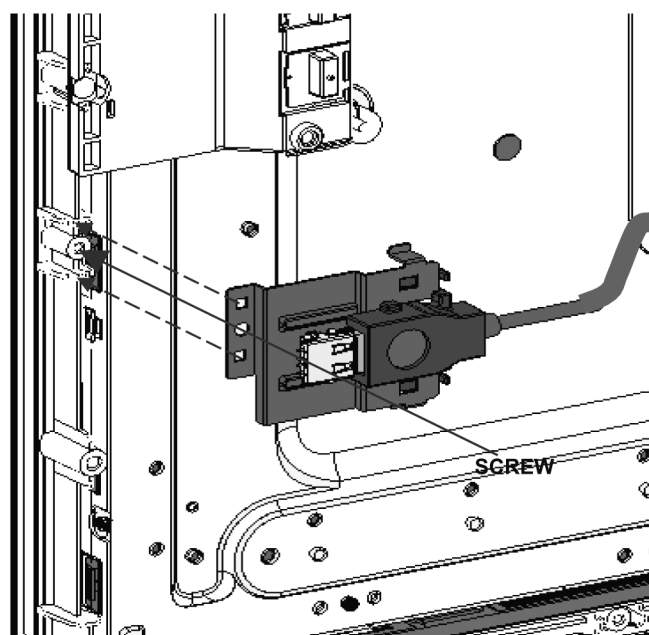
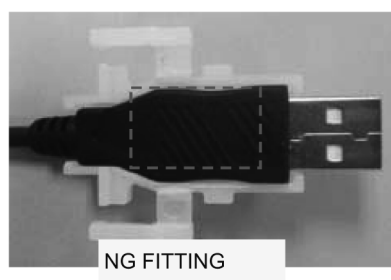
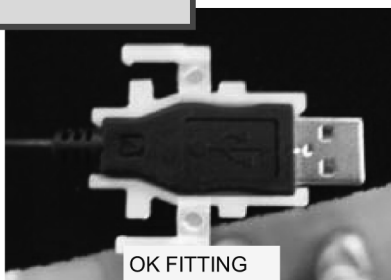
## 7 Disassembly and Assembly Instructions

### 7.1. Control Button Fixing

Fixing all screw at panel, bracket and metal part.

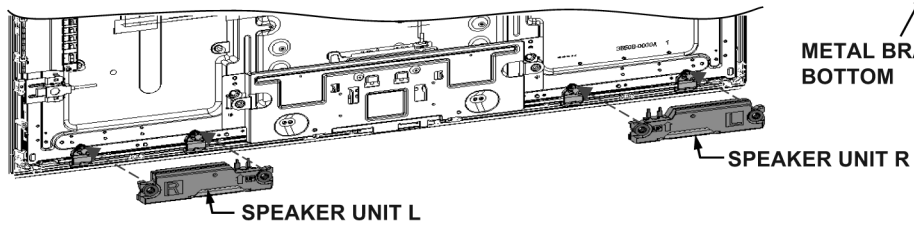
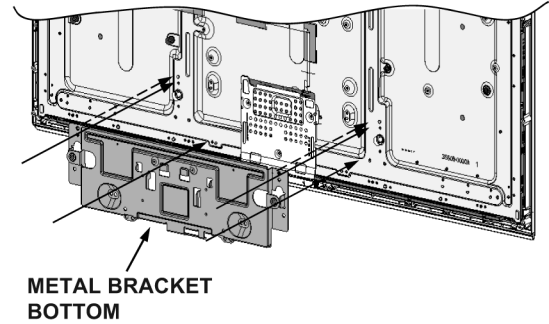
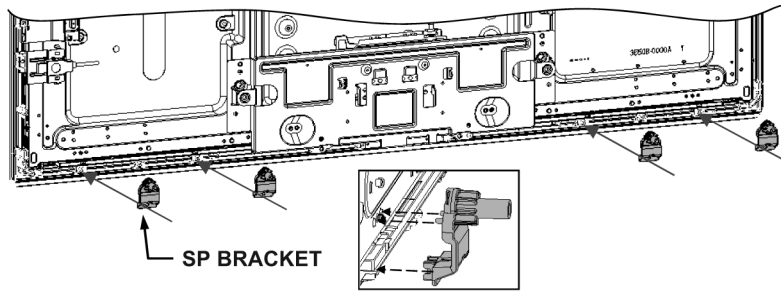


< NOTE >  
USB Direction

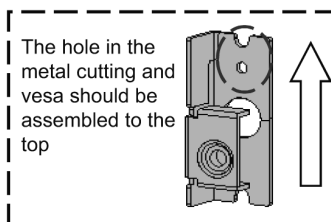
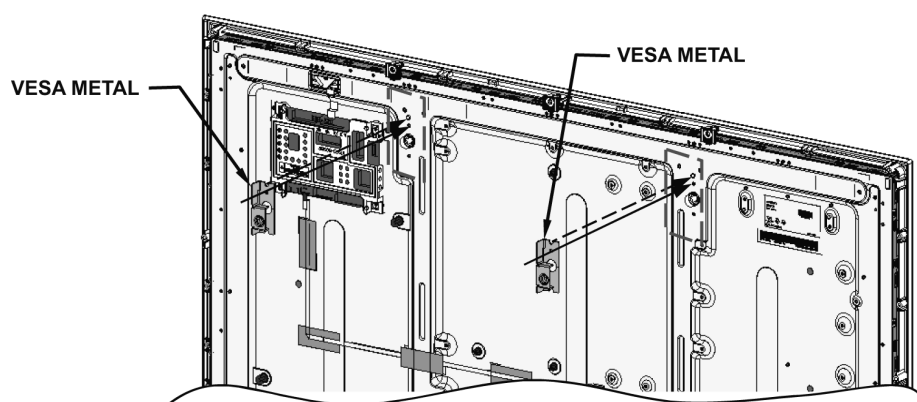
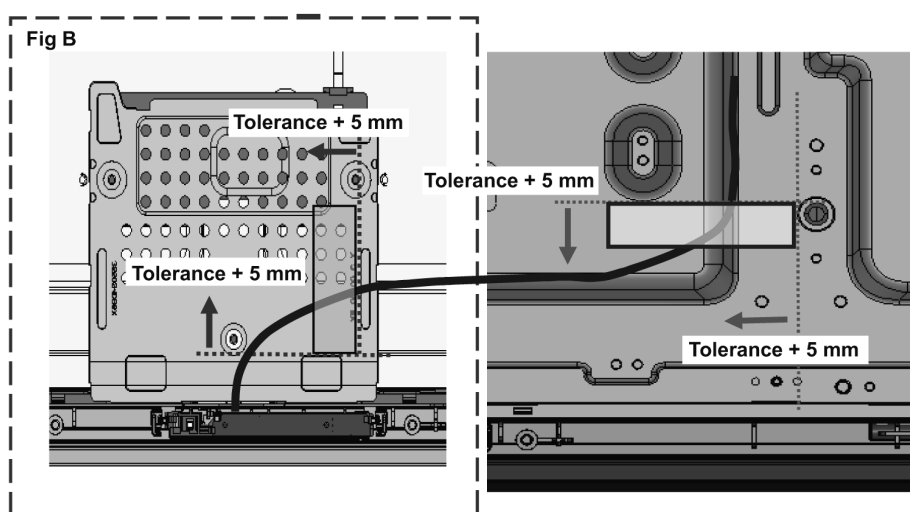
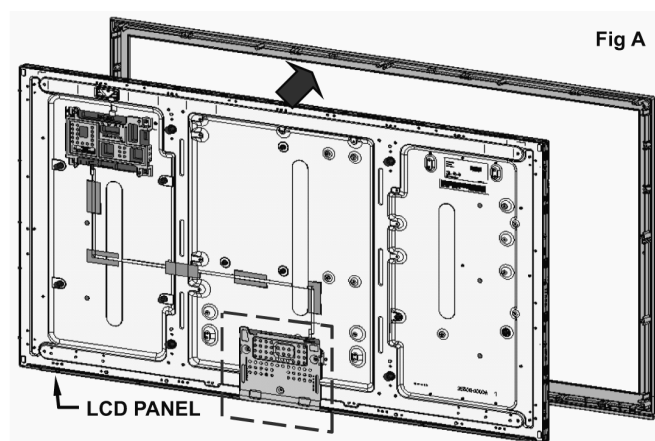


## 7.2. SP Bracket & Metal Bottom

1. Put the speaker bracket by inserting pins into the holes of the panel.
2. Insert the speakers on the speaker brackets.

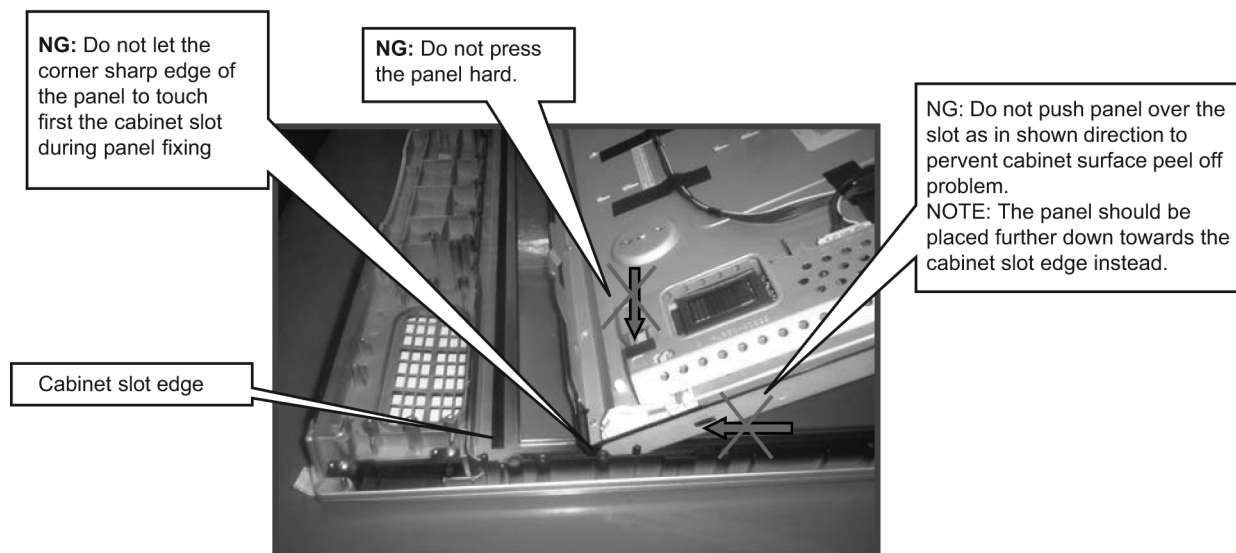
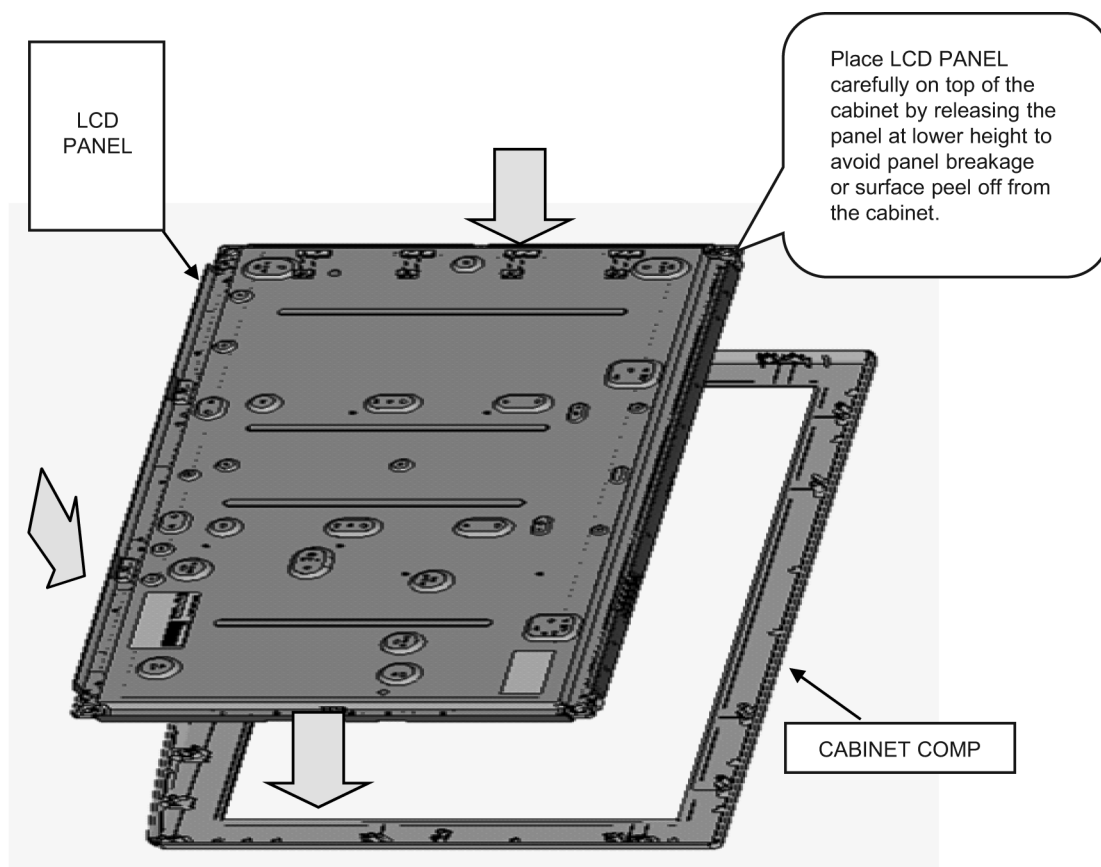


### 7.3. LVDS & Metal Part Assembly



## 7.4. LCD Panel Fixing & Handling Method

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

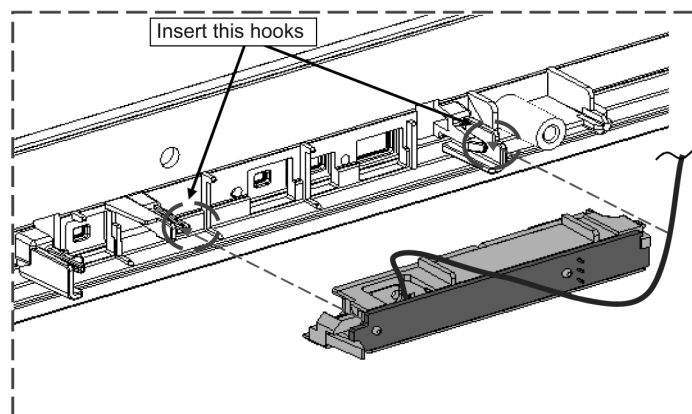
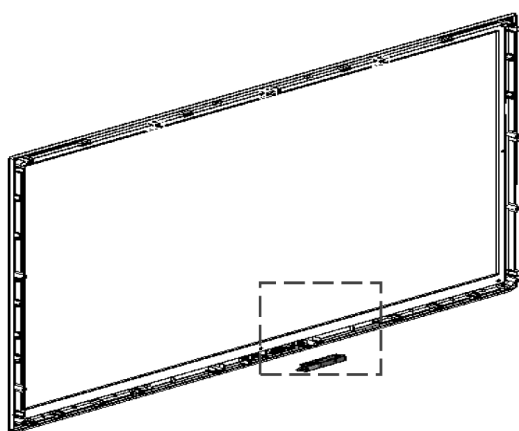
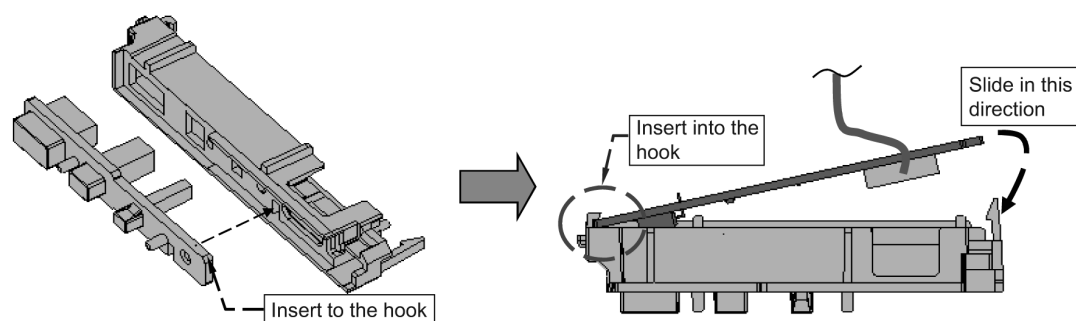


### Other general precautions

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.

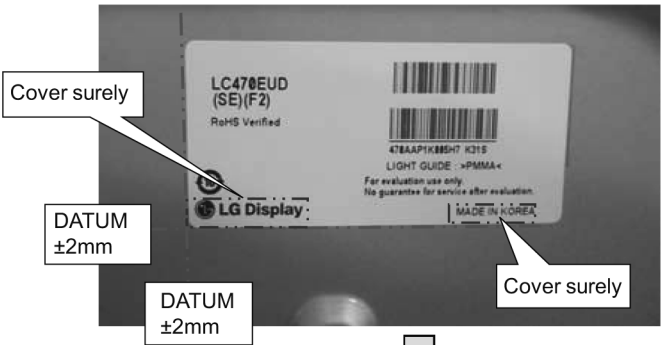
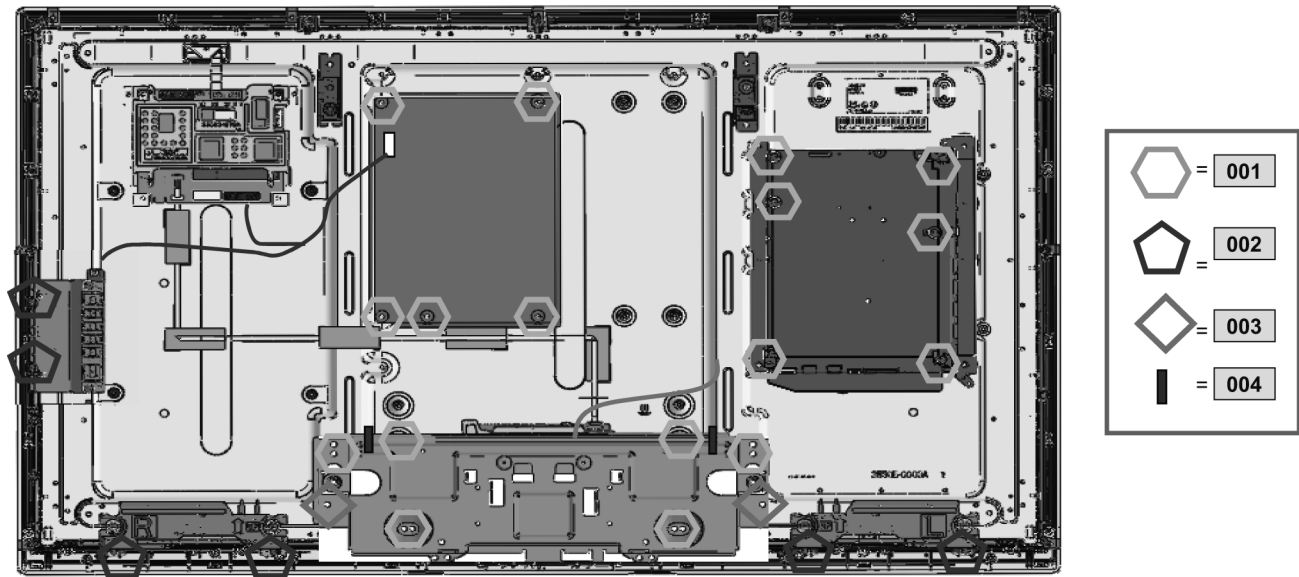
## 7.5. LED Panel and Bracket Assembly

1. Fixing LED panel to panel lens.
2. Fixing wire KA10 to KA print and fix to LED panel.
3. Fixing LED panel to cabinet and fix with cabinet rib.
4. Fixing LED/LCD panel to cabinet.



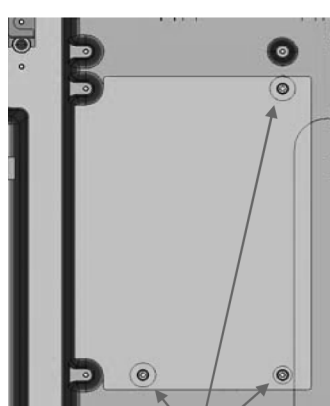
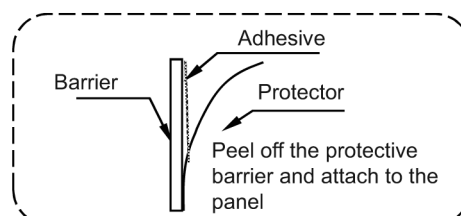
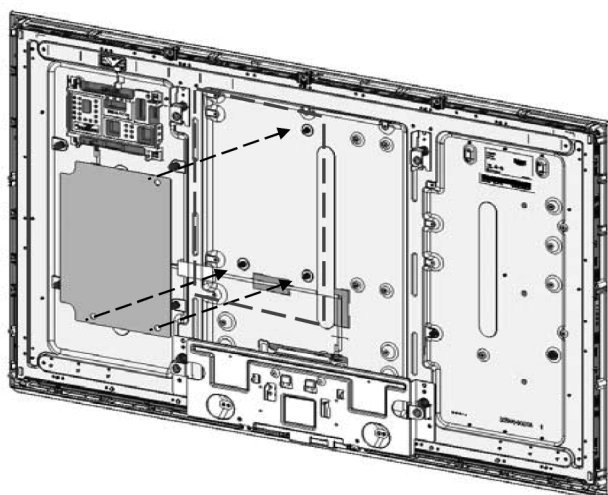
7.6. Screw Fixing

- 1. Do wire dressing follow below spec:
- 2. Cover panel label with pet tape.

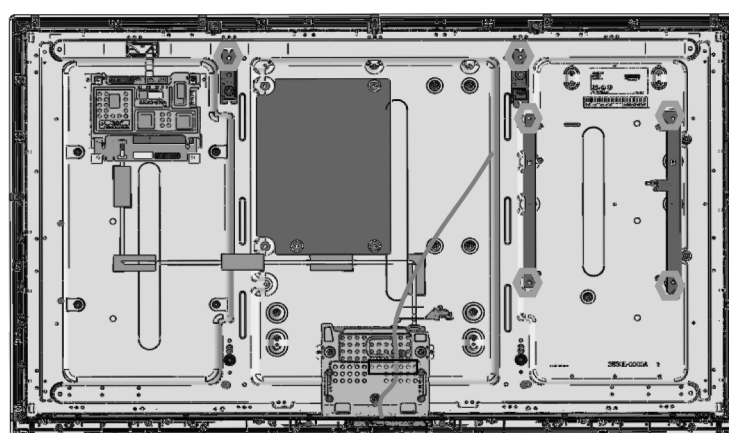
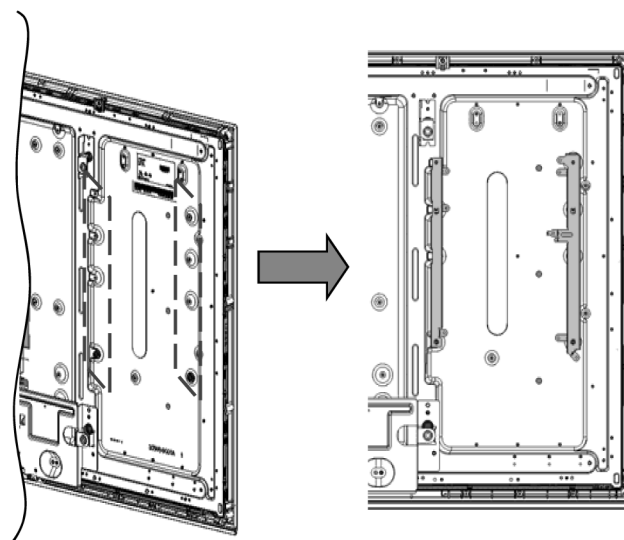


|     |            |                          |
|-----|------------|--------------------------|
| 001 | THEJ036J   | SCREW(BTM4/VESA2/A10/P5) |
| 002 | XTV3+10JFJ | SCREW(KEY2/SP BKT4)      |
| 003 | THEJ024    | SCREW(BTM METAL2)        |
| 004 | TMME268    | CLAMPER(BTM METAL2)      |

## 7.7. Bracket Assembly 1

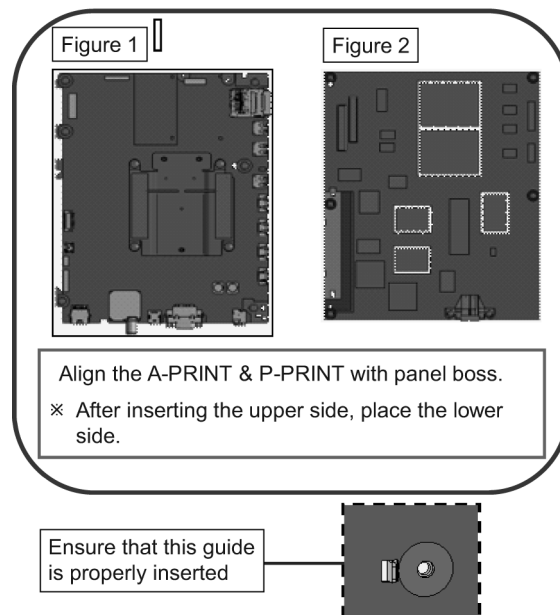
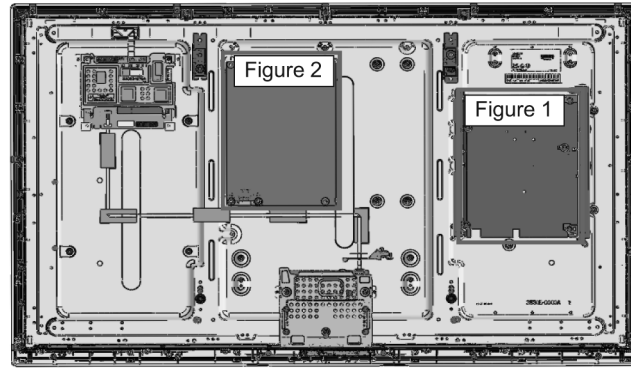


Positioning by Boss of Panel  
and Hole of Barrier,  
Paste LCD Barrier on LCD  
Panel.



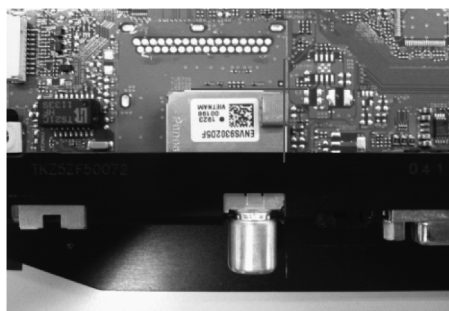
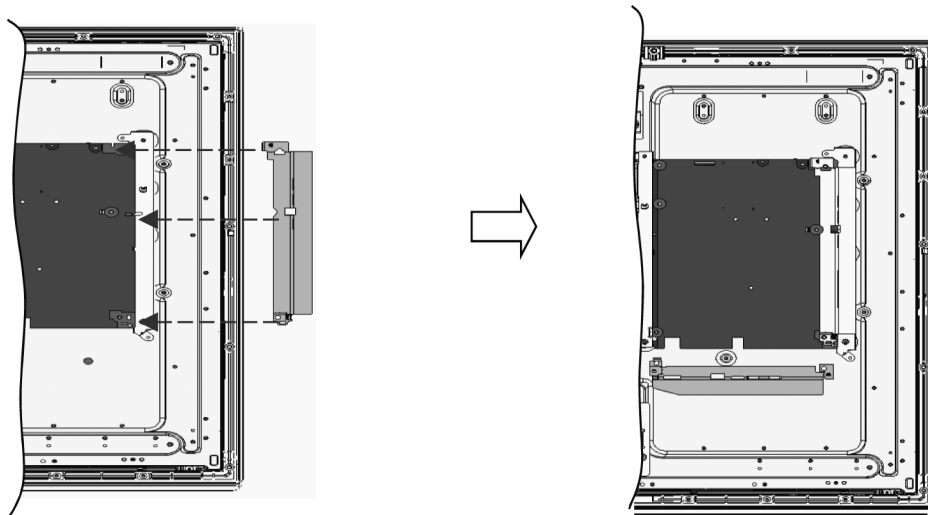
 = 6pcs

## 7.8. Bracket Assembly 2



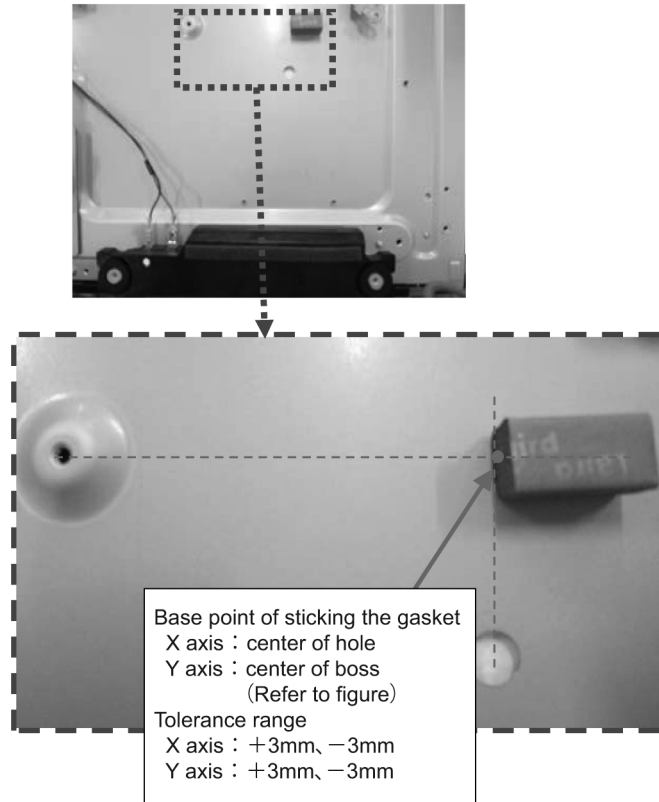
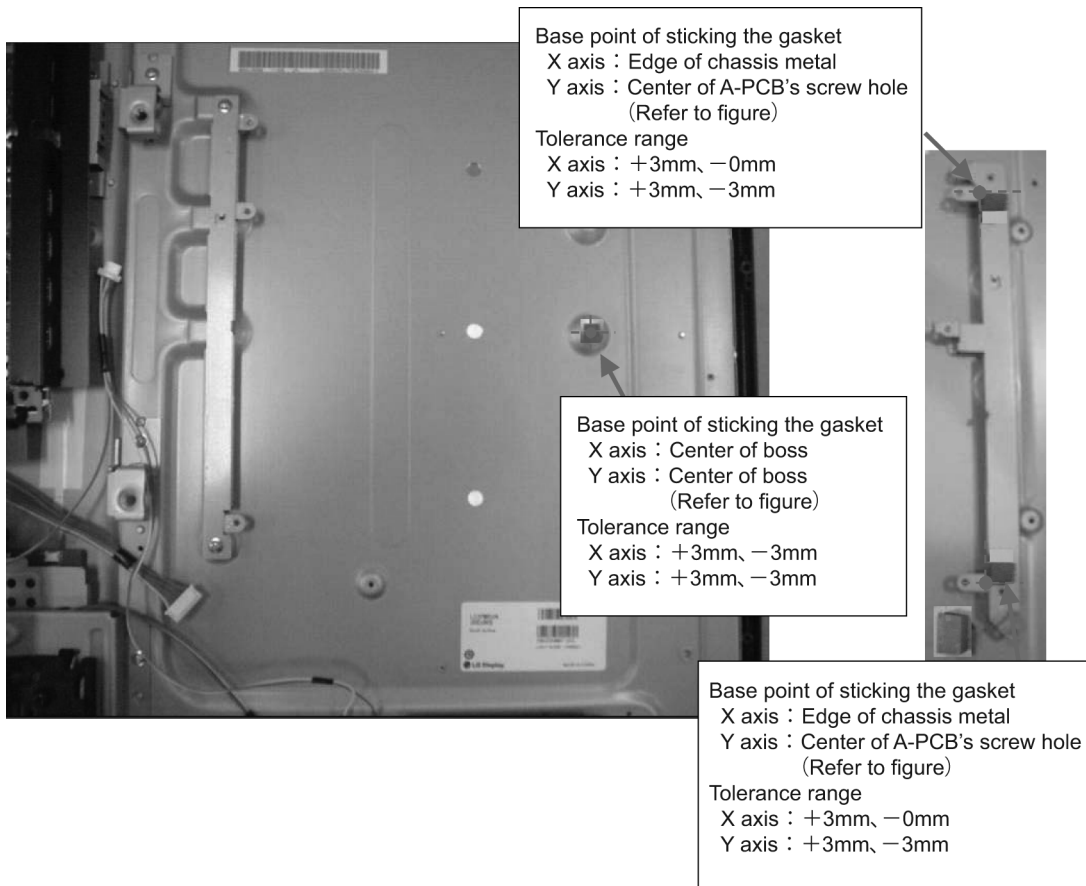
**[Caution]**

- 1) First, fixing Metal AV bracket side.
- 2) Next, fixing Metal AV bracket bottom.



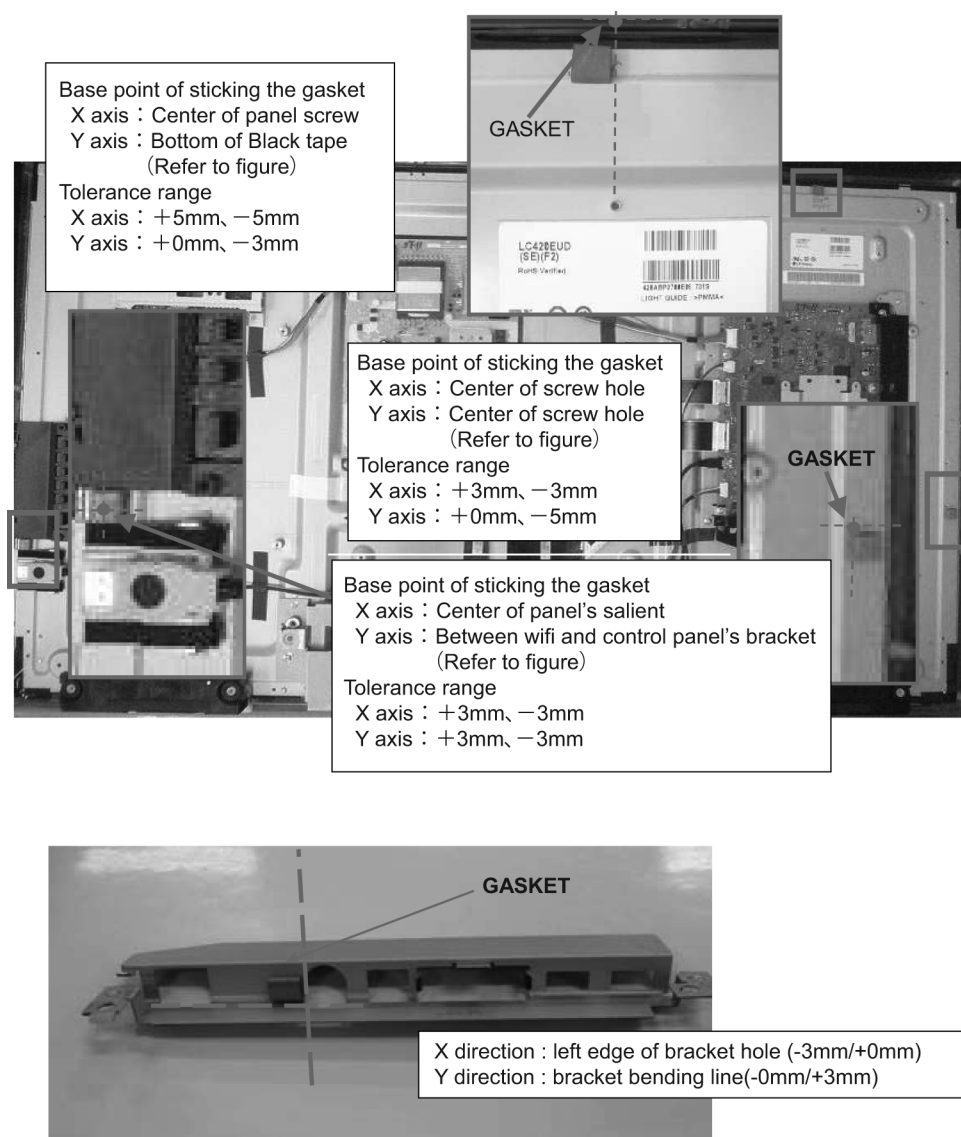
Base point of sticking the gasket  
X direction : right edge of tuner (-3mm/+0mm)  
Y direction : top edge of tuner (-3mm/+0mm)

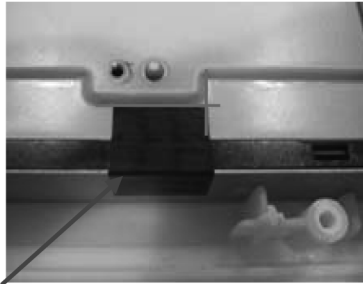
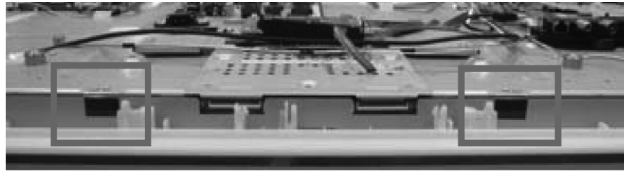
## 7.9. Fixing Gasket



## 7.10. LVDS FFC / BTM Cover Fixing 1

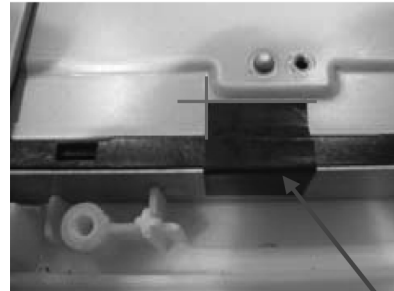
Fixing LVDS wire.





**PET TAPE**

Base point of sticking the PET Tape  
 X direction : right edge of panel press (-3mm/+3mm)  
 Y direction : bottom edge of panel press (-3mm/+0mm)



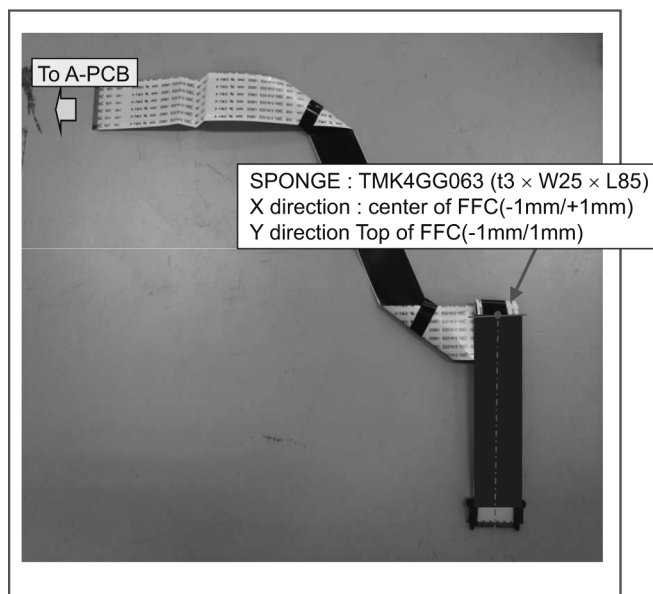
**PET TAPE**

Base point of sticking the PET Tape  
 X direction : left edge of panel press (-3mm/+3mm)  
 Y direction : bottom edge of panel press (-3mm/+0mm)

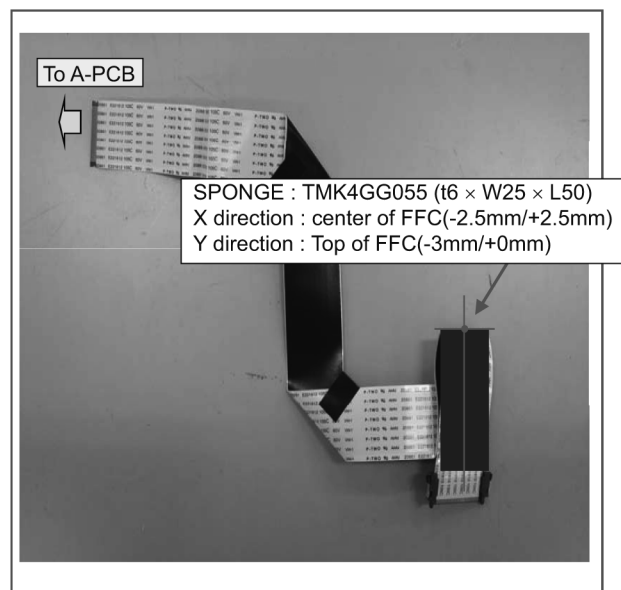
## 7.11. LVDS FFC / BTM Cover Fixing 2

Fixing felt at LVDS wire.

LVDS FFC (41PIN)



LVDS FFC (51PIN)



## 7.12. LVDS FFC / BTM Cover Fixing 3

Fixing LVDS wire.

Base point of sticking the PET-Tape(41pin)  
 =First : Sticking the lower right  
 X axis : Center of Boss  
 Y axis : Top of Boss  
 Tolerance range  
 X axis : +3mm, -3mm  
 Y axis : +3mm, -3mm  
 =Second : Sticking the upper left  
 X axis : Center point between  
 Panel's guideline and P-PCB  
 Tolerance range  
 X axis : +5mm, -5mm

### [Caution]

First, sticking the PET-Tape FFC(51pin)  
 Next, FFC(41pin).

Base point of sticking the PET-Tape(41pin)  
 X axis : Right side of boss  
 Y axis : Center of FFC(41pin)  
 (Refer to figure)  
 Tolerance range  
 X axis : +5mm, -5mm  
 Y axis : +3mm, -3mm

Base point of sticking the PET-Tape  
 X axis : Right side's FFC (51pin)  
 Y axis : Horizontal-bending of FFC  
 (Refer to figure)  
 Tolerance range  
 X axis : +0mm, -5mm  
 Y axis : +0mm, -5mm

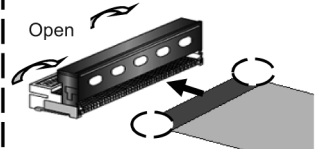
Base point of sticking the PET-Tape(51pin)  
 X axis : left side of PET-Tape(41pin)  
 Y axis : Center of FFC(51pin)  
 (Refer to figure)  
 Tolerance range  
 X axis : +0mm, -5mm  
 Y axis : +5mm, -0mm

Base point of sticking the PET-Tape  
 X axis : Right side of white tape  
 Y axis : Edge of LED-PCB  
 (Refer to figure)  
 Tolerance range  
 X axis : +0mm, -5mm  
 Y axis : +5mm, -5mm

Base point of sticking the PET-Tape  
 X axis : Right side of white Tape  
 Y axis : Top of white Tape  
 (Refer to figure)  
 Tolerance range  
 X axis : +5mm, -0mm  
 Y axis : +0mm, -5mm

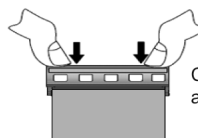
### [Caution]

Don't blow the LVDS FFC  
 before hooks to the  
 connector



Insert the hooks on both sides of the  
 flexible cable.

**NOTE:** Ensure that the cable is  
 properly inserted.

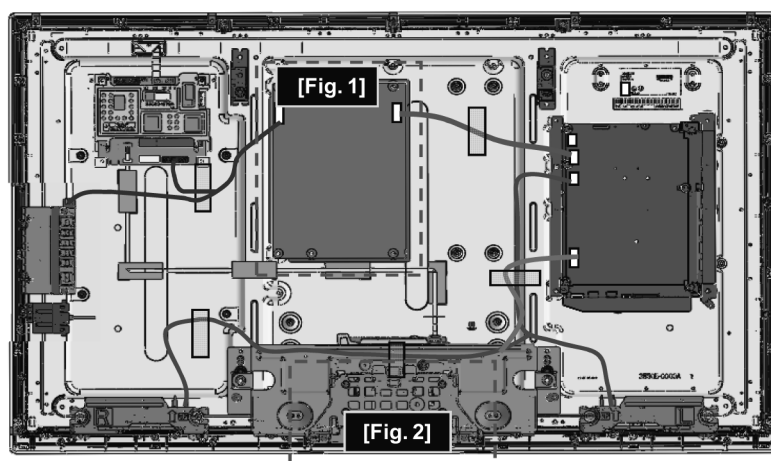


Close the press for the connector plug  
 at both ends using 2 hands.

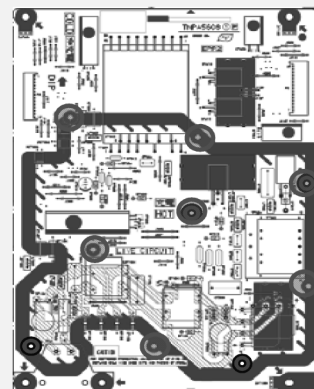
**NOTE:** To disconnect the flex cable, open the gate of  
 the connector and gently pull at the same time to  
 remove.

## 7.13. LVDS FFC / BTM Cover Fixing 4

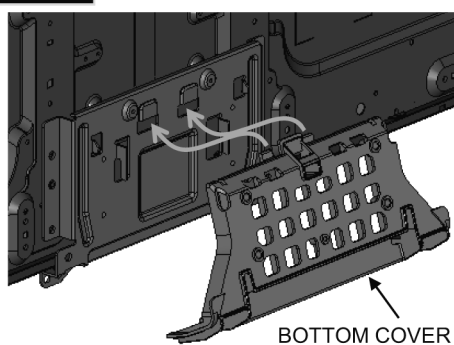
Fixing SPEAKER, SPENCER & BOTTOM COVER.



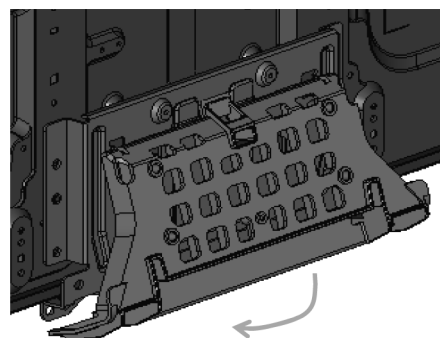
[Fig. 1] [Spacer P-PCB Assembly]



[Fig. 2]

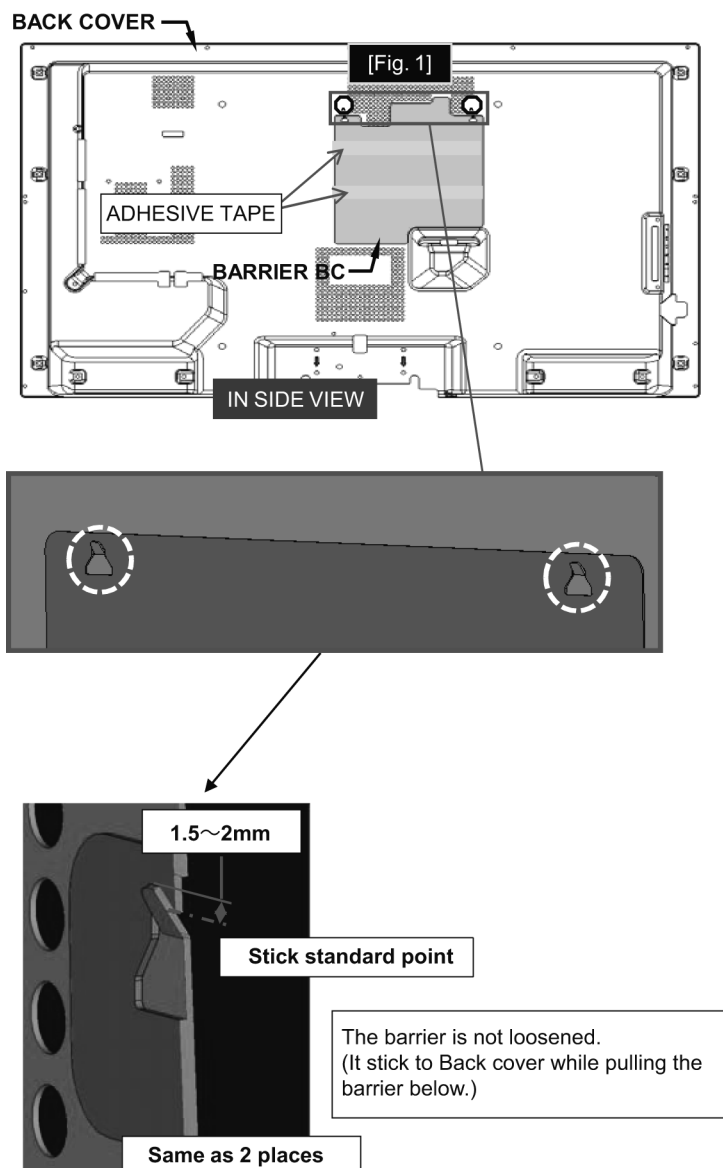


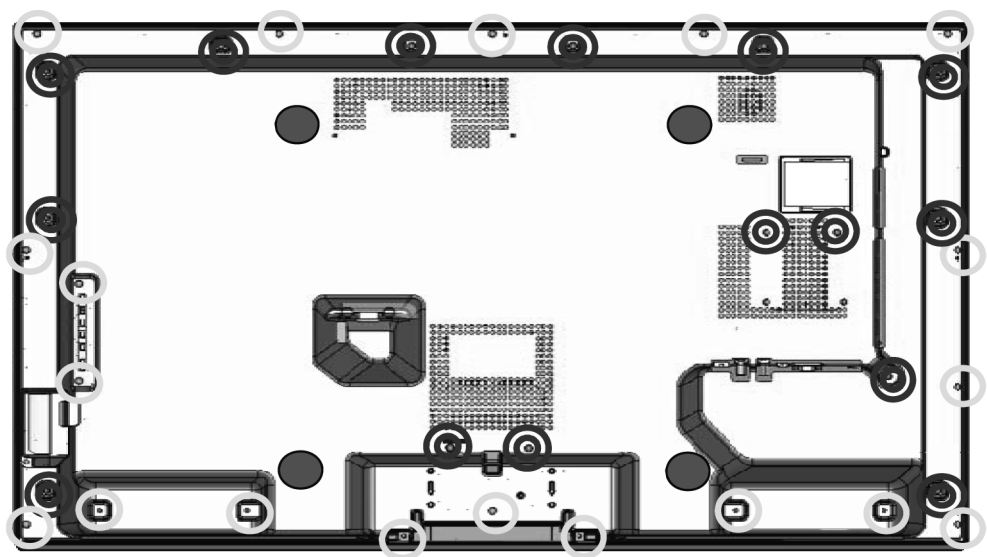
Insert the guides of the bottom cover into the slots and slide the metal in the direction indicated



Insert bottom area into the bottom metal bracket.

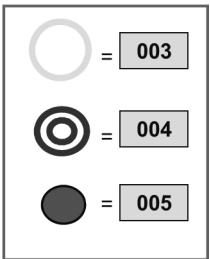
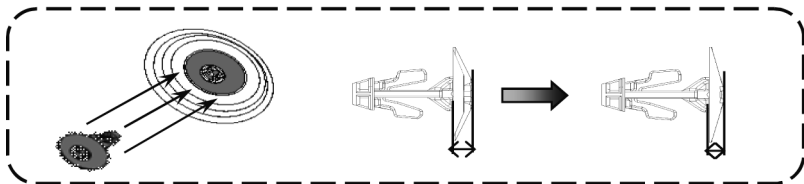
## 7.14. Back Cover Assembly





**[Note]**

Make sure ion blow at back of cabinet after assemble with backcover.



| No  | Part Num | Description                   | Qty   |
|-----|----------|-------------------------------|-------|
| 003 | THTD030J | SCREW(BC17/BTM_COVER2/B-CAS1) | 20PCS |
| 004 | THEC1509 | SCREW(BC12)                   | 15PCS |
| 005 | TKKL5521 | M6_CAP                        | 4PCS  |

## 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.

| VOLTAGE  | TEST POINT    | SPECIFICATION     |
|----------|---------------|-------------------|
| PANEL12V | TP4004/TP4005 | 11.45V - 12.55V   |
| USB_5V   | TP5440        | 4.80V - 5.25V     |
| SUB5V    | TP5420        | 4.95V - 5.65V     |
| SUB3.3V  | TP5400        | 3.17V - 3.43V     |
| SUB1.8V  | TP8700        | 1.7V - 1.9V       |
| SUB1.5V  | TP8101        | 1.435V - 1.585V   |
| SUB1.1V  | TP8100        | 1.10V - 1.22V     |
| FRC1.0V  | TP9300        | 0.95V $\pm$ 1.05V |
| FRC1.8V  | TP9301        | 1.71V $\pm$ 1.89V |

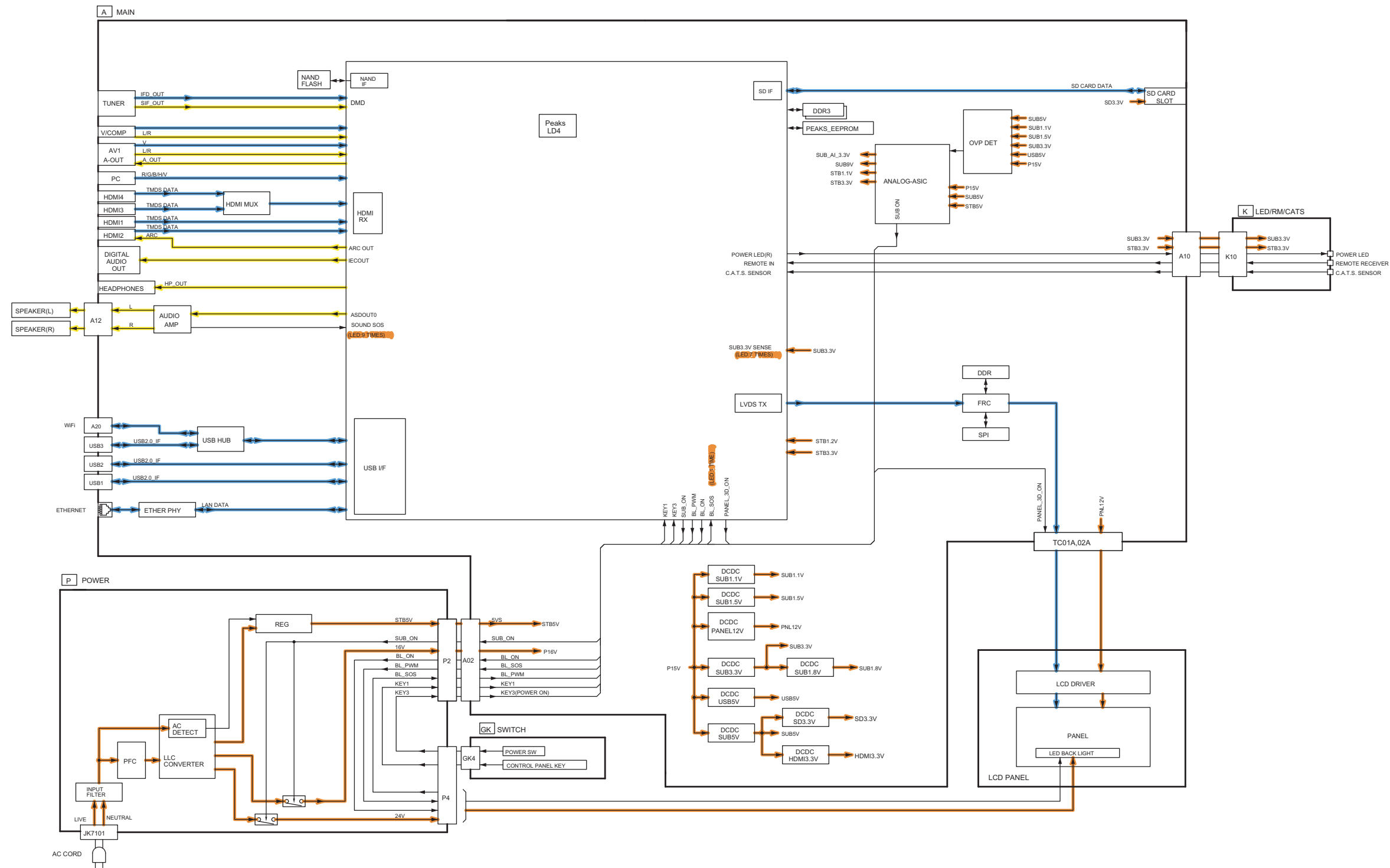
### 8.2. Voltage chart of P-board

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

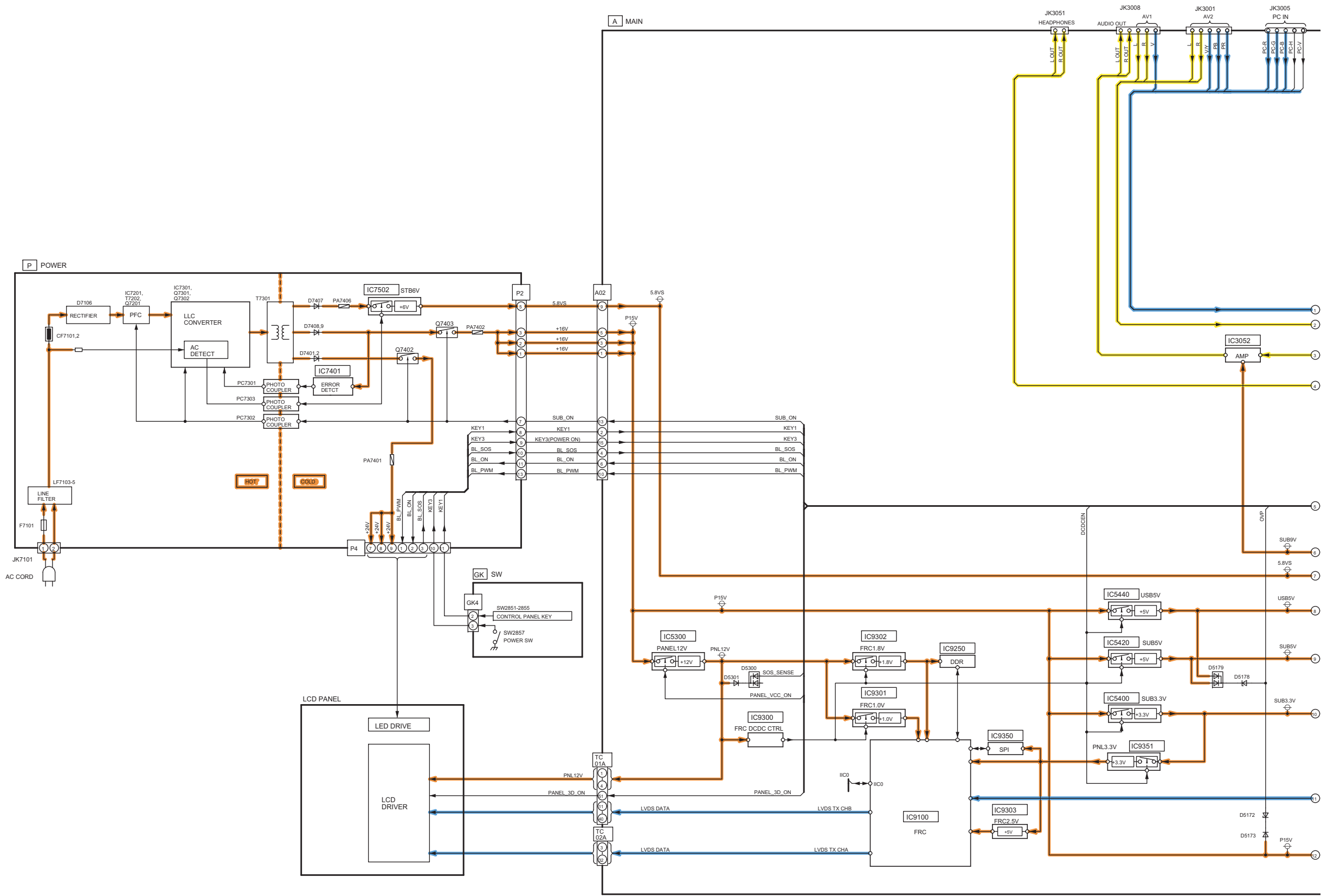
| VOLTAGE | TEST POINT  | SPECIFICATION    |
|---------|-------------|------------------|
|         |             | OPERATE          |
| 5VS     | TP7412,7507 | 5.3V $\pm$ 0.1V  |
| 16V     | TP7508,7514 | 16.1V $\pm$ 0.6V |
| 24V     | TP7512,7513 | 24V $\pm$ 1.2V   |

# 9 Block Diagram

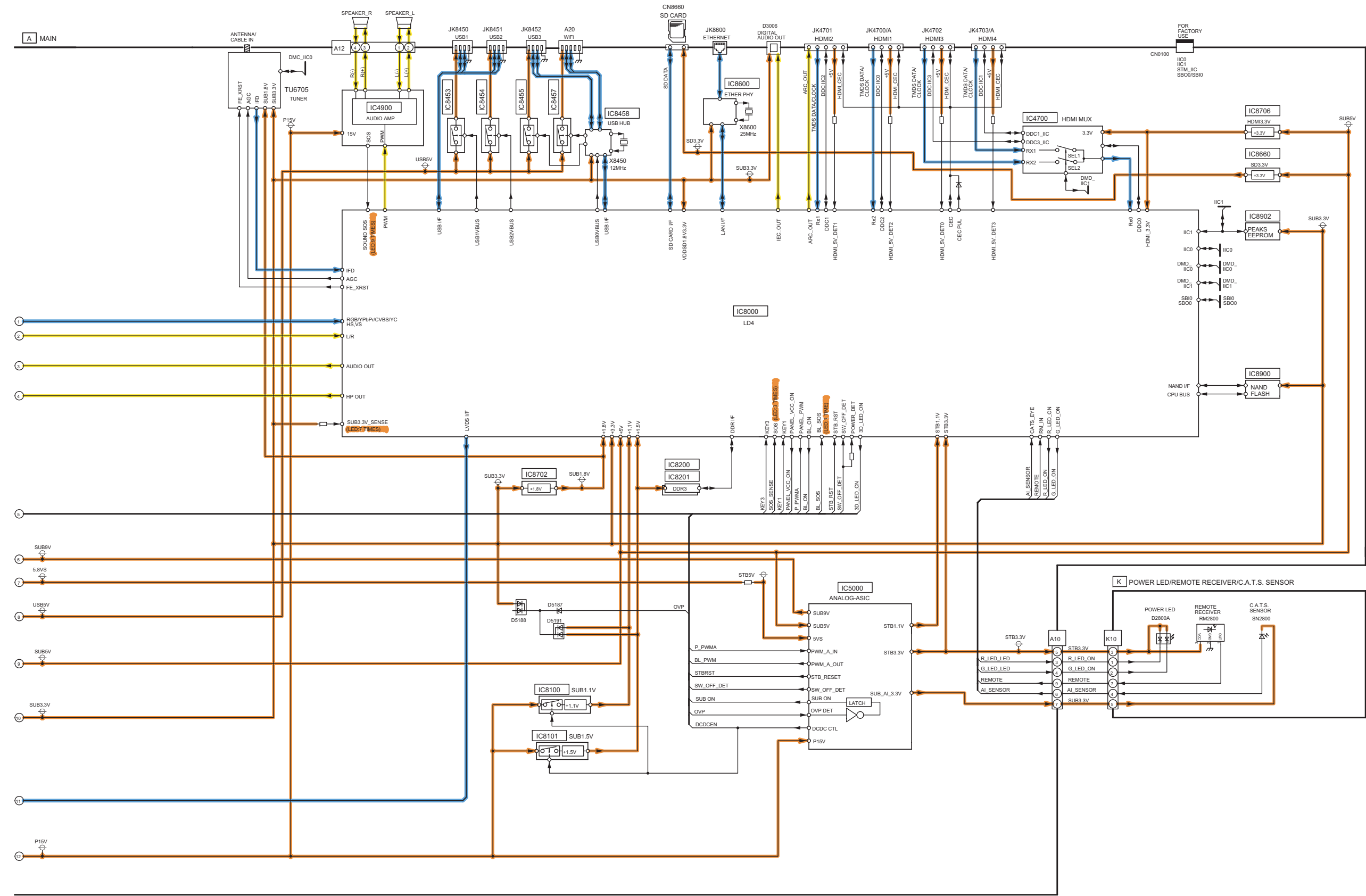
## 9.1. Main Block Diagram



9.2. Detailed Block Diagram (1/2)



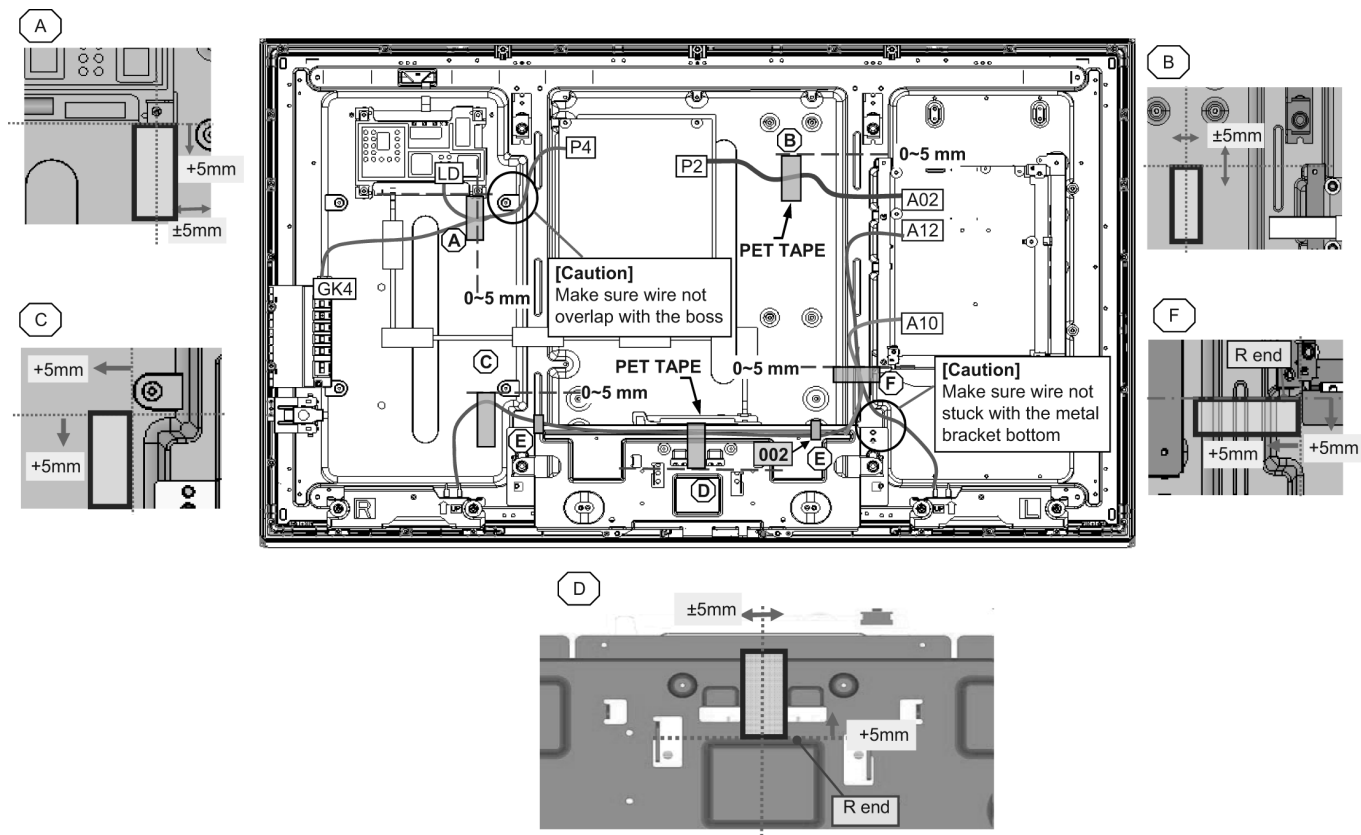
9.3. Detailed Block Diagram (2/2)



# 10 Wiring Connection Diagram

## 10.1. Wire Dressing

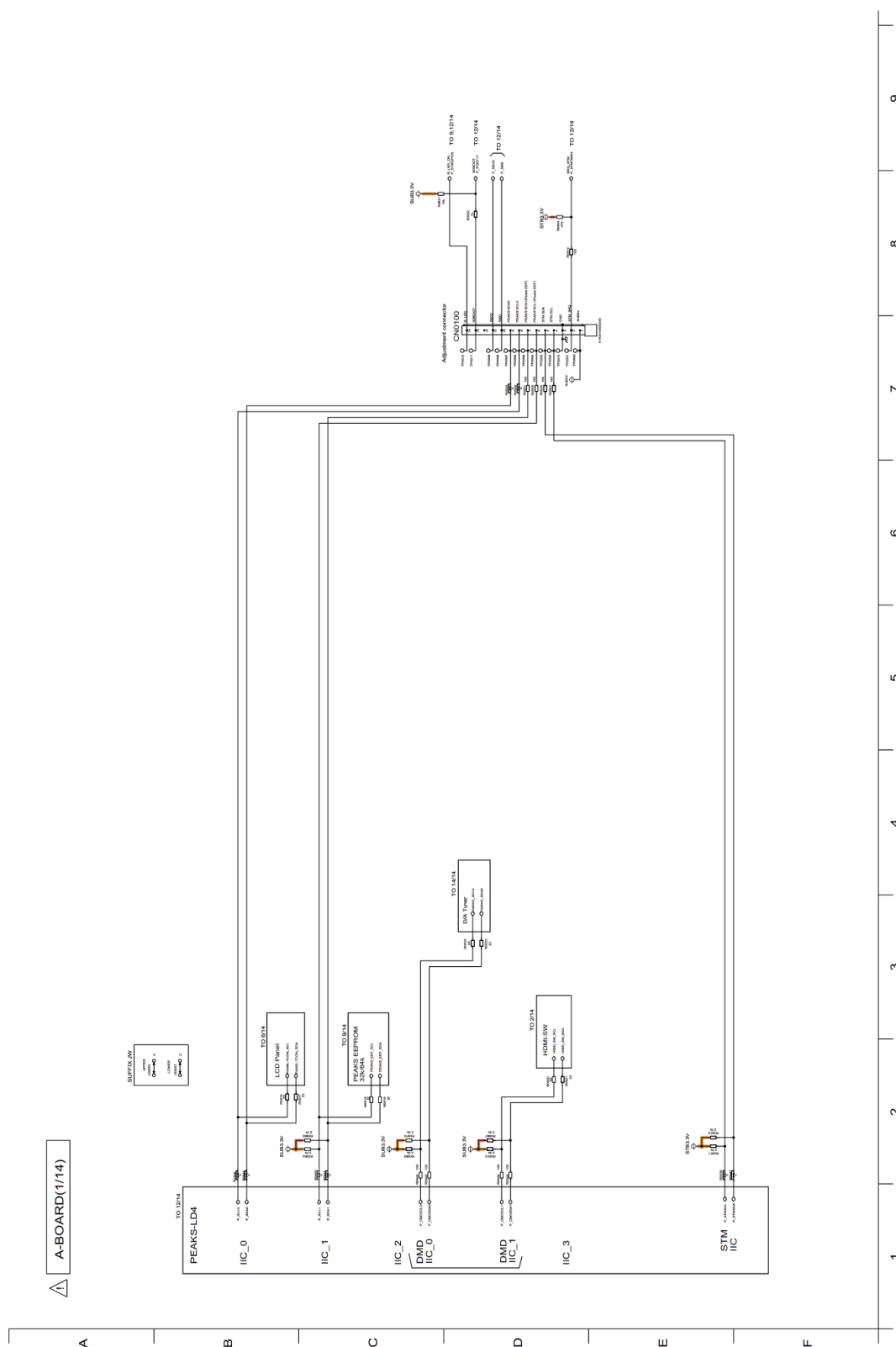
Do wire dressing follow below spec:



| Cables       | Clampers / Tapes |   |   |   |   |   |   |
|--------------|------------------|---|---|---|---|---|---|
|              | A                | B | C | D | E | F | G |
| P4-LD/GK4    | ●                |   |   |   |   |   |   |
| P2 - A02     |                  | ● |   |   |   |   |   |
| SP (R) - A12 |                  |   | ● | ● | ● | ● |   |
| SP (L) - A12 |                  |   |   |   |   | ● |   |
| A10 - K10    |                  |   |   |   |   | ● |   |

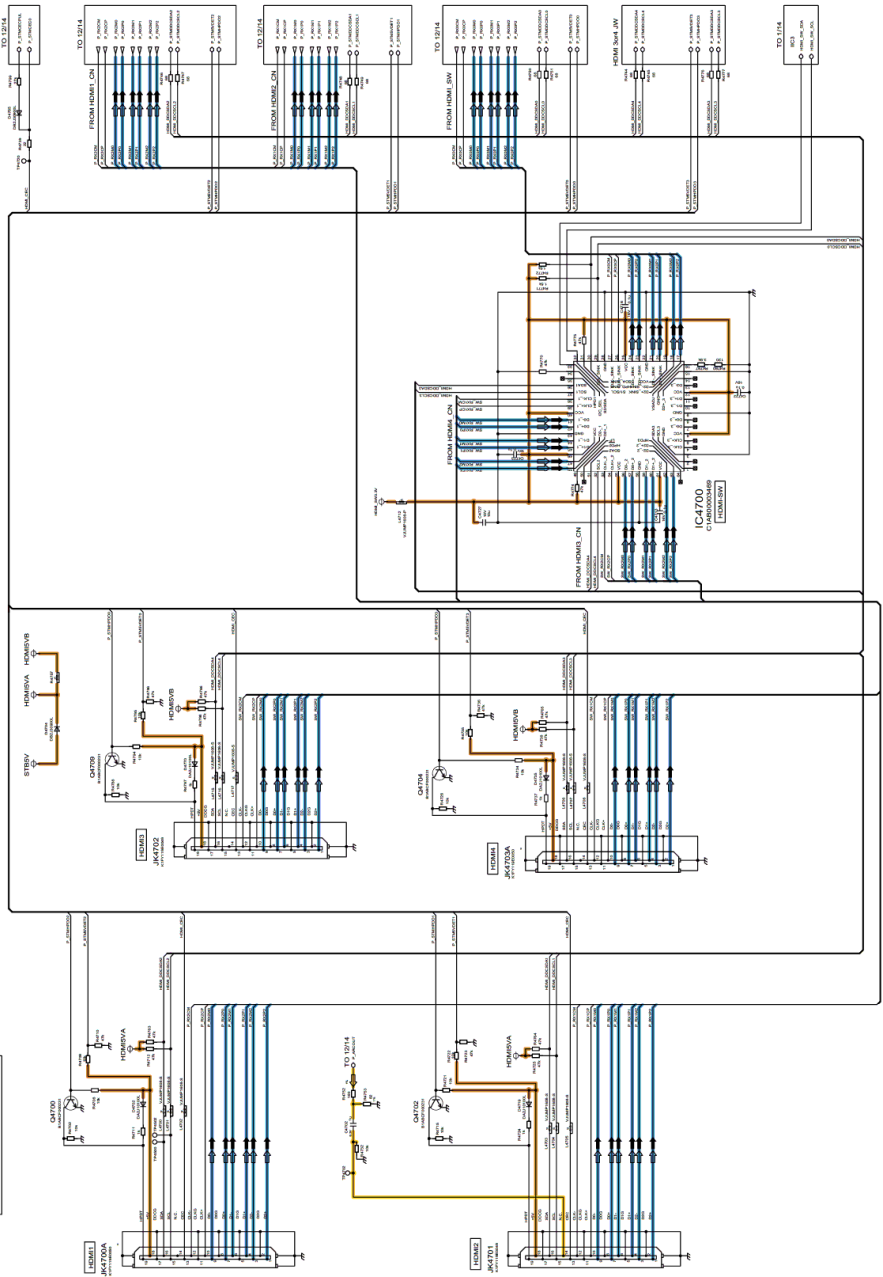
## 11 Schematic Diagram

**Model No. : TH-L42ET5R    A-Board (1/14)**

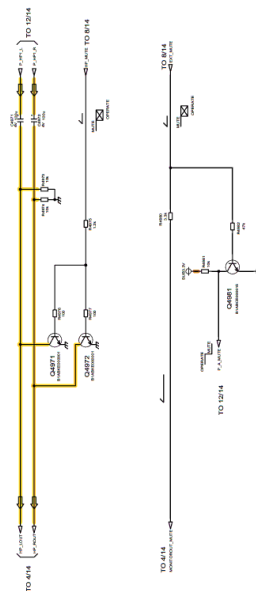
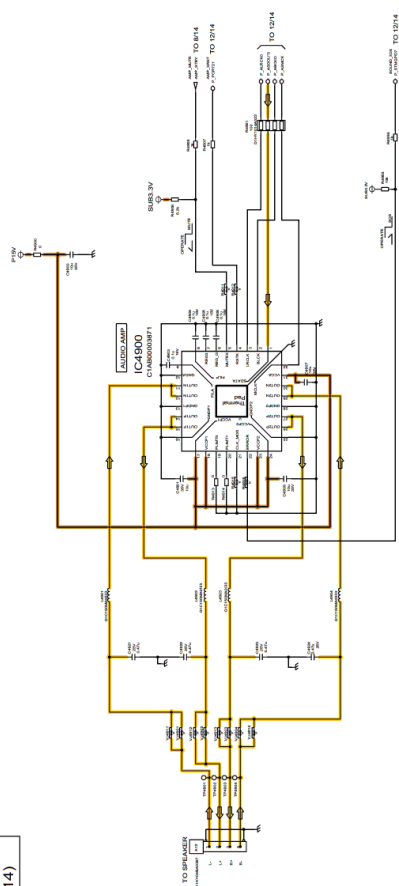


Model No. : TH-L42ET5R A-Board (2/14)

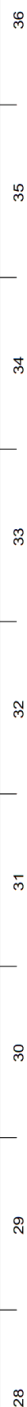
A-BOARD(2/14)



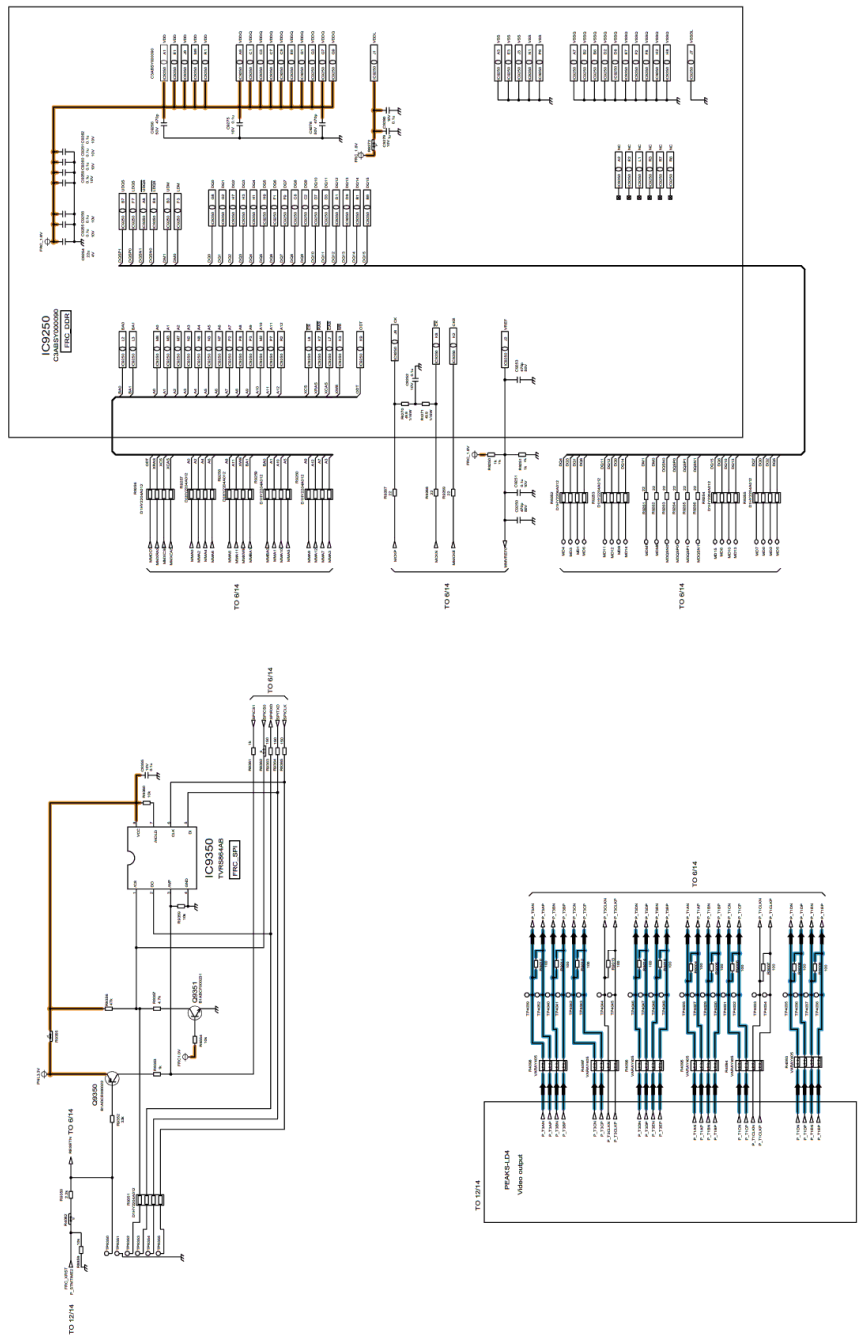
10 11 12 13 14 15 16 17 18



⚠ A-BOARD(4/14)

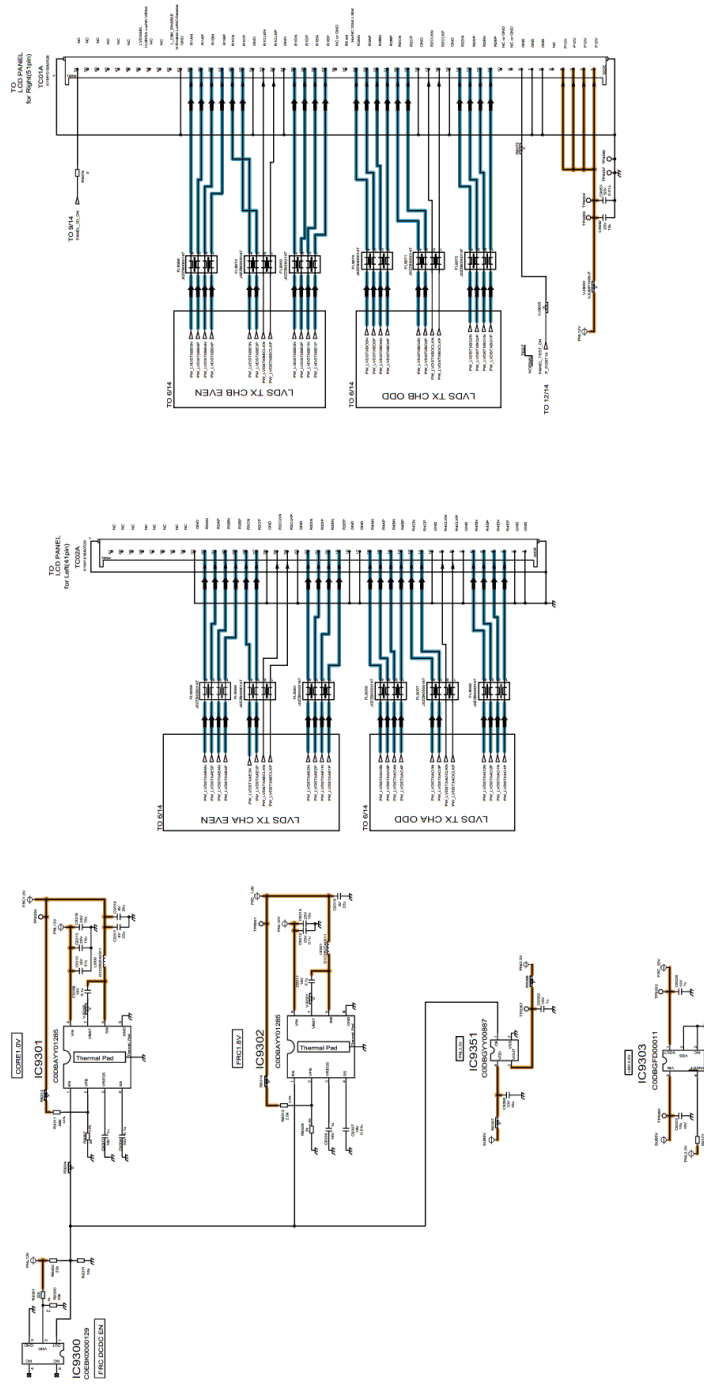


A-BOARD(5/14)



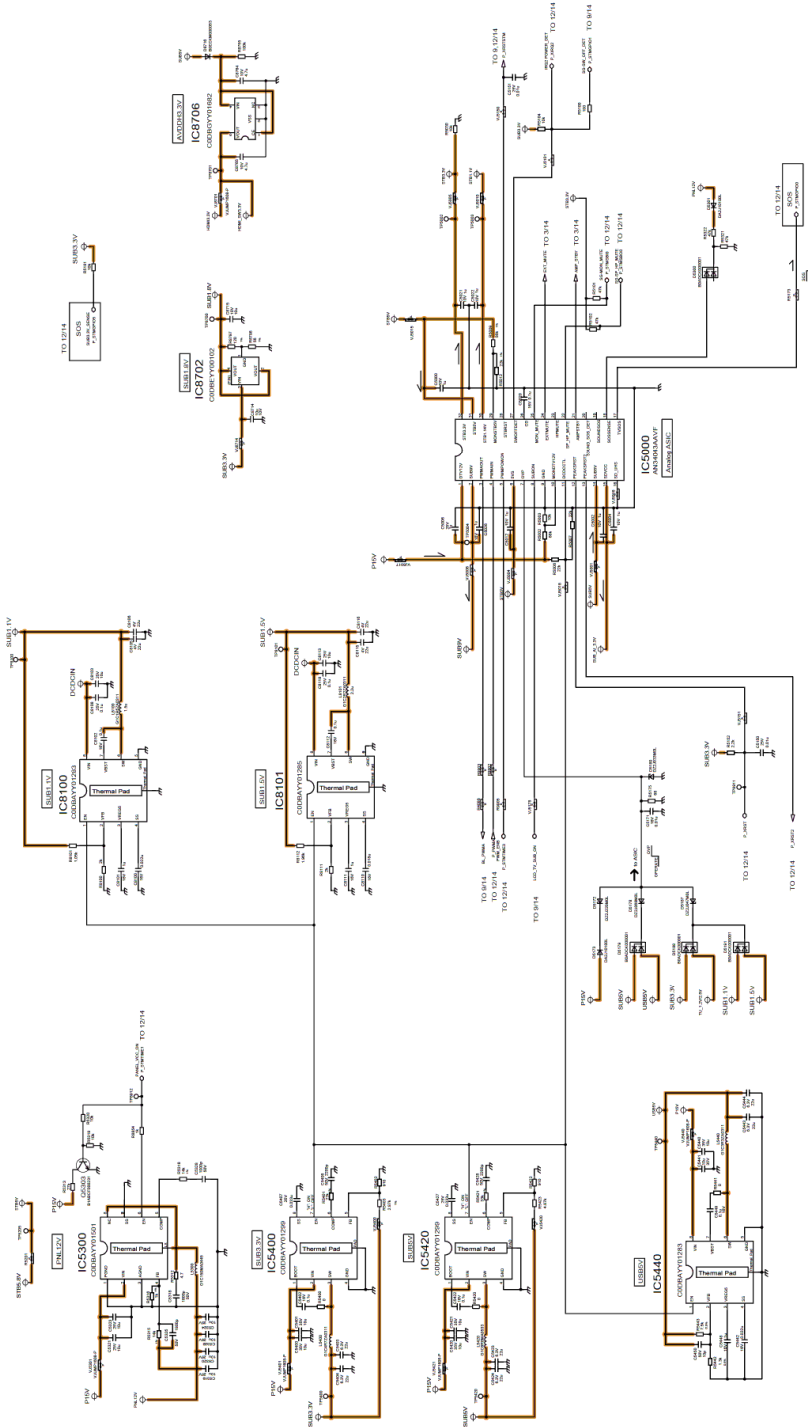
37 38 39 40 41 42 43 44 45



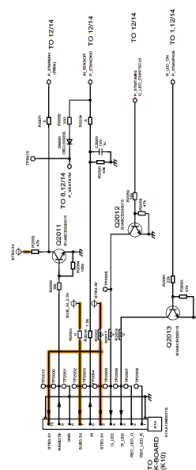
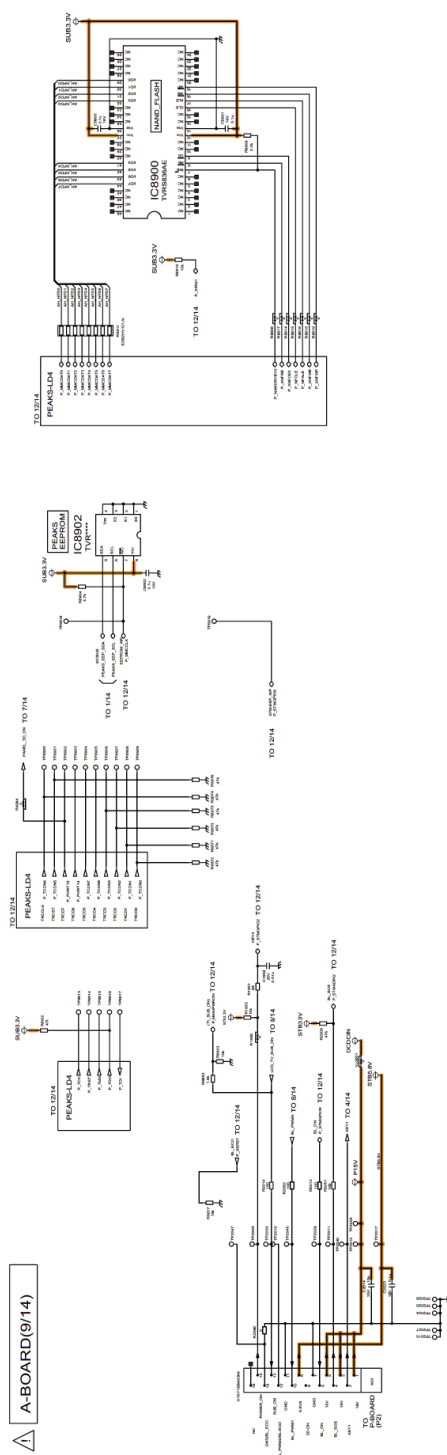


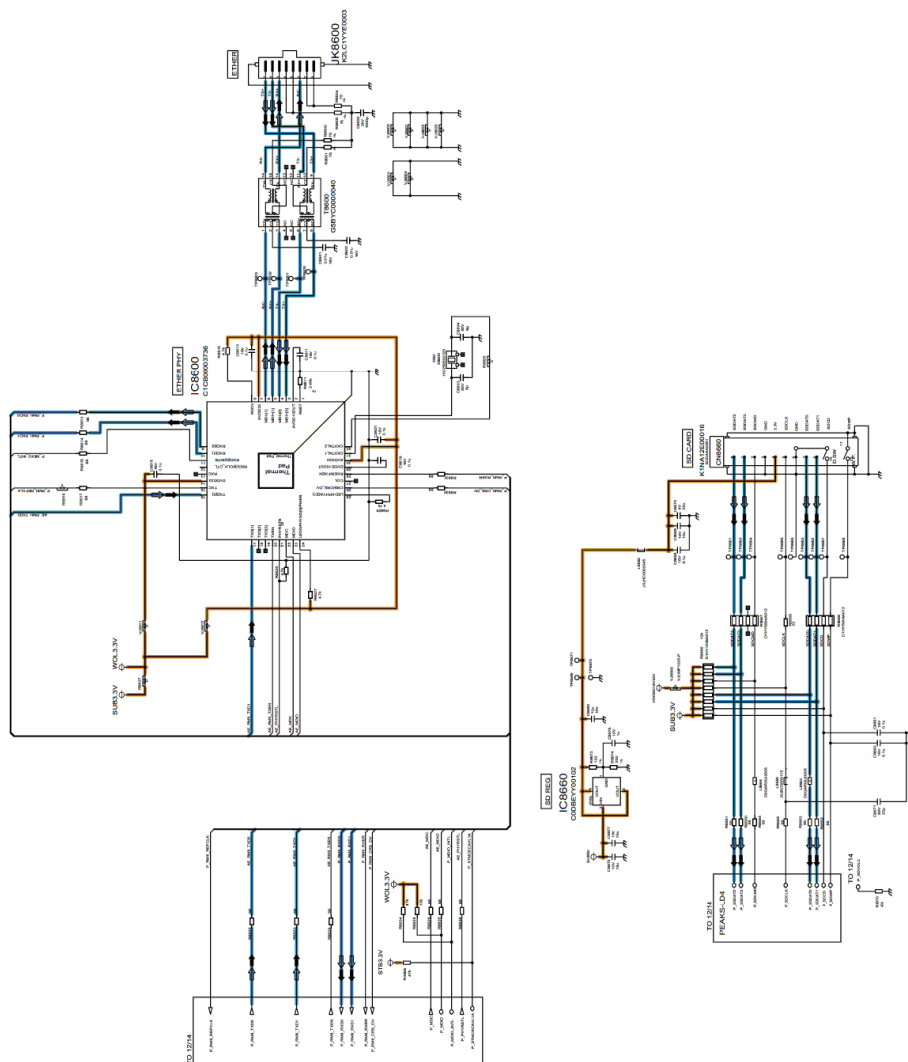
# Model No. : TH-L42ET5R A-Board (8/14)

A-BOARD(8/14)

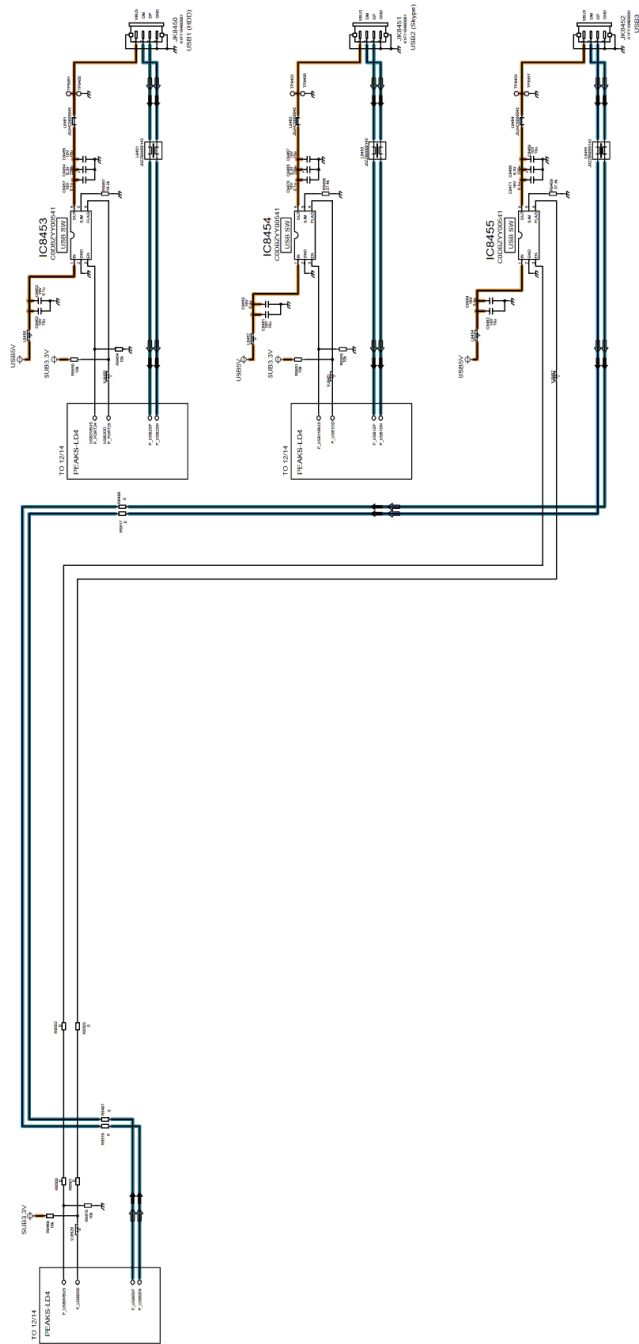


**Model No. : TH-L42ET5R    A-Board (9/14)**

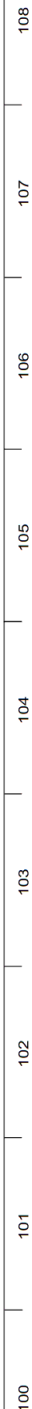




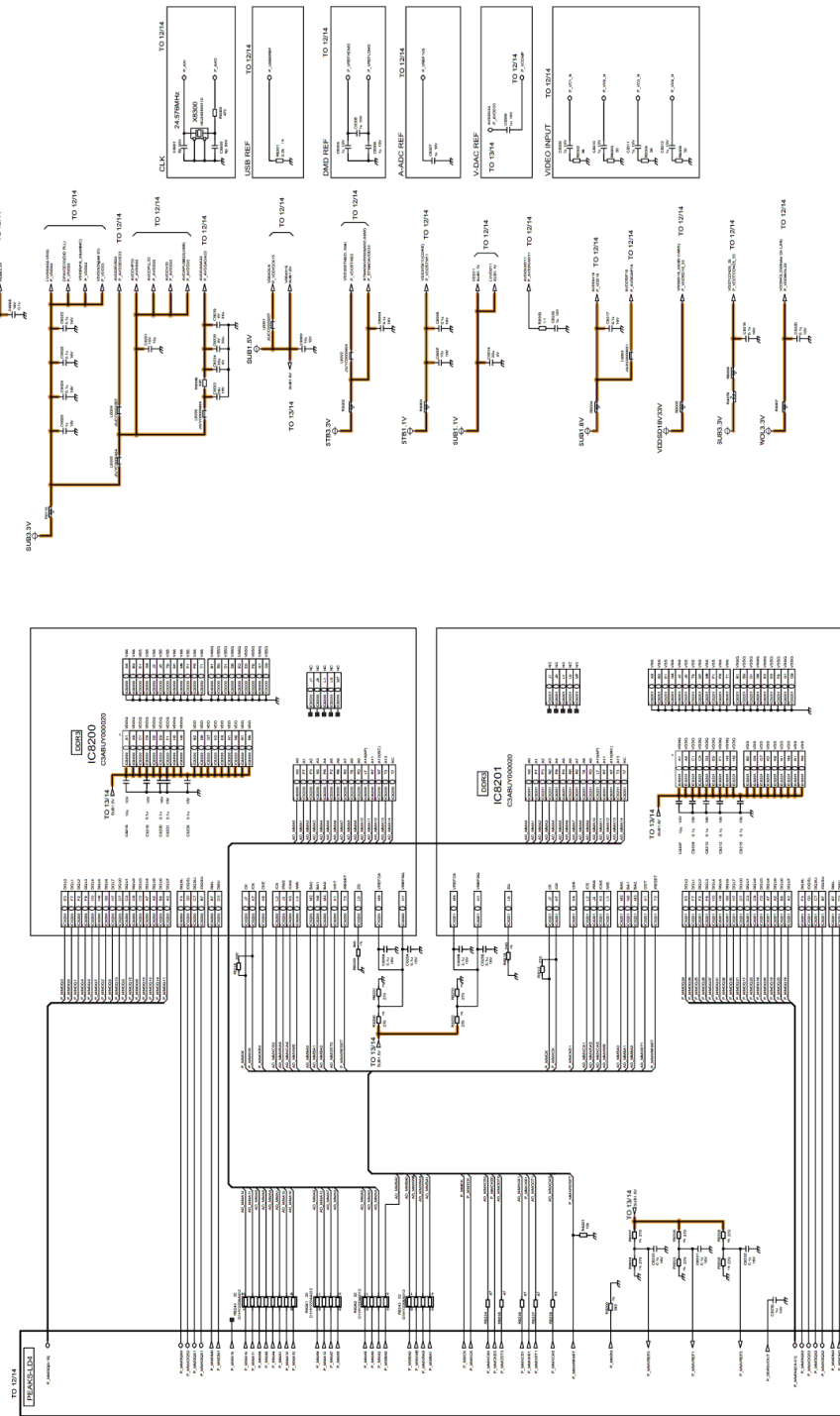
A-BOARD(11/14)

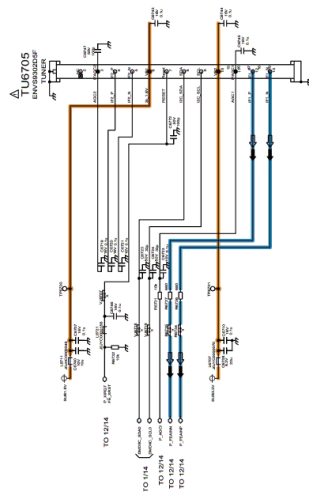


## A-BOARD(12/14)

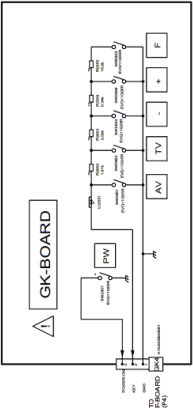


A-BOARD(13/14)





Model No. : TH-L42ET5R    GK-Board



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A

B

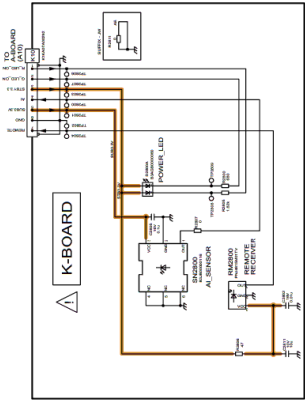
C

D

E

F

Model No. : TH-L42ET5R K-Board



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B

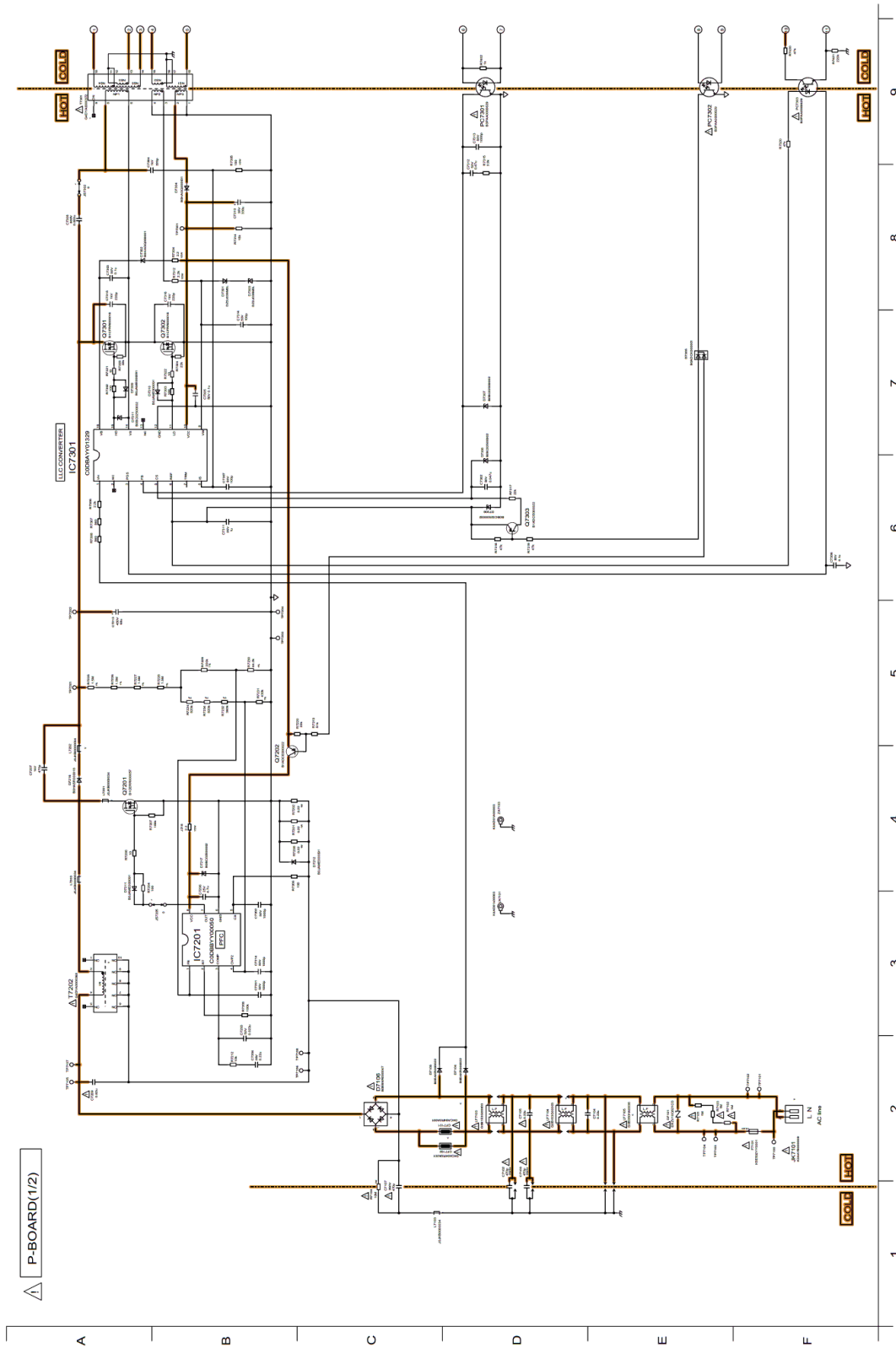
C

D

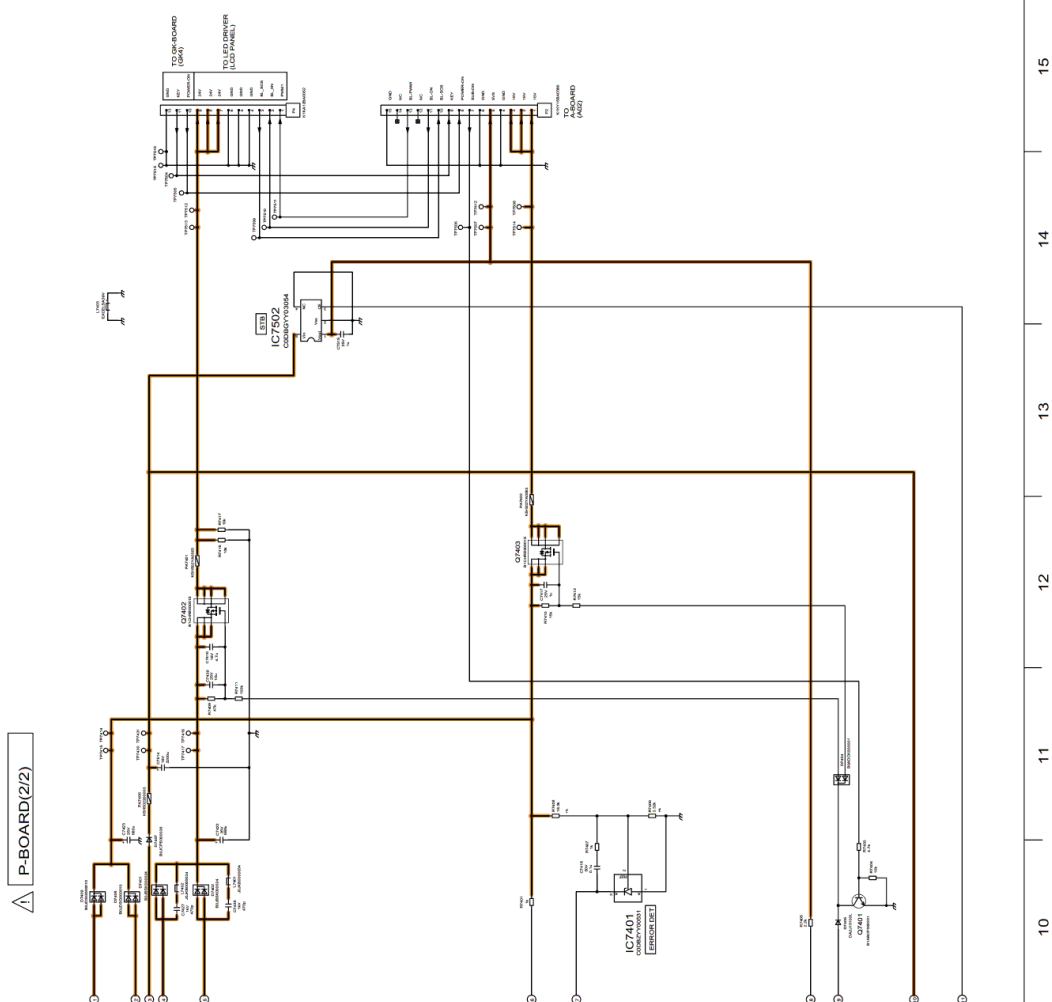
E

F

# Model No. : TH-L42ET5R P-Board (1/2)

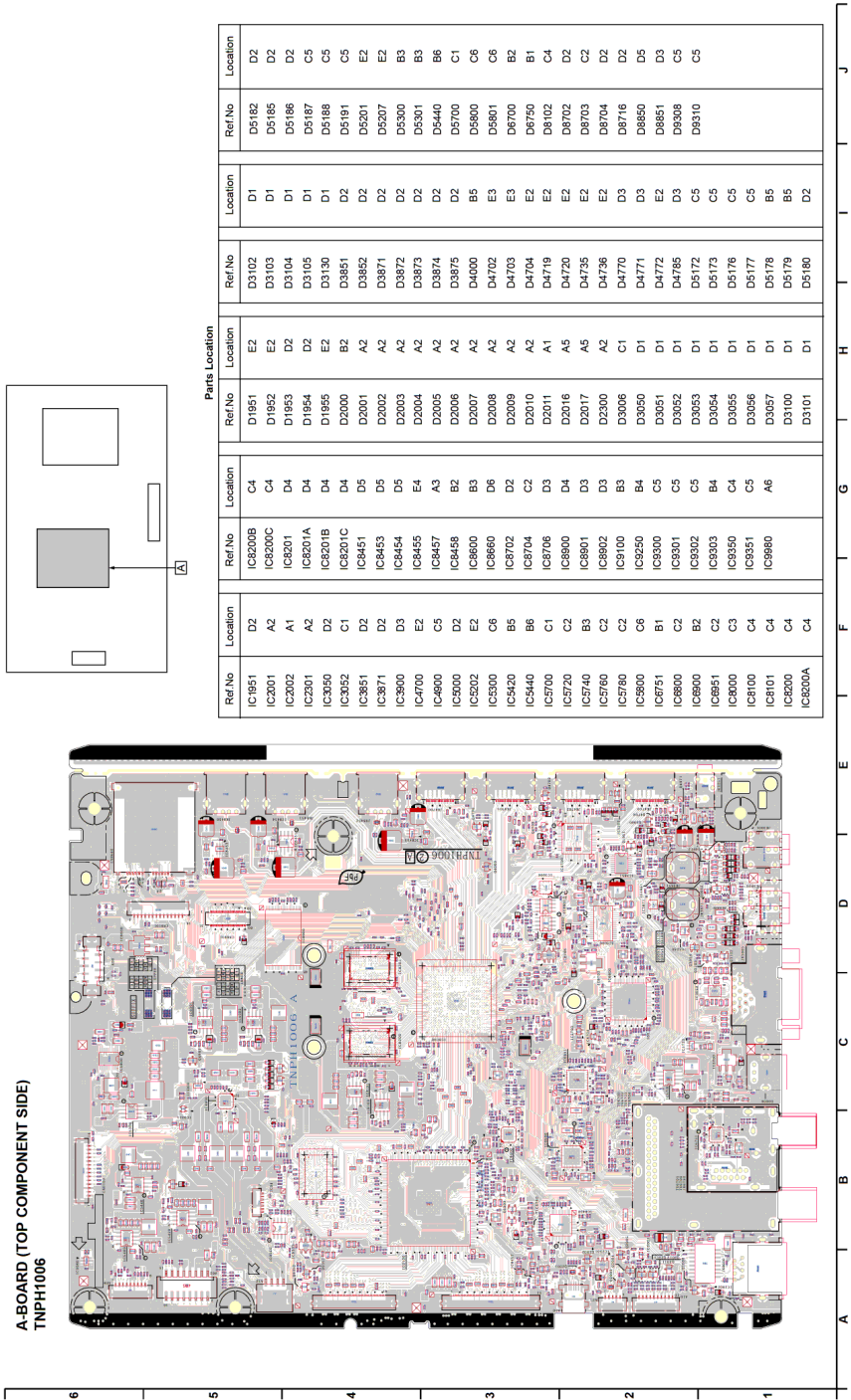


**Model No. : TH-L42ET5R P-Board (2/2)**

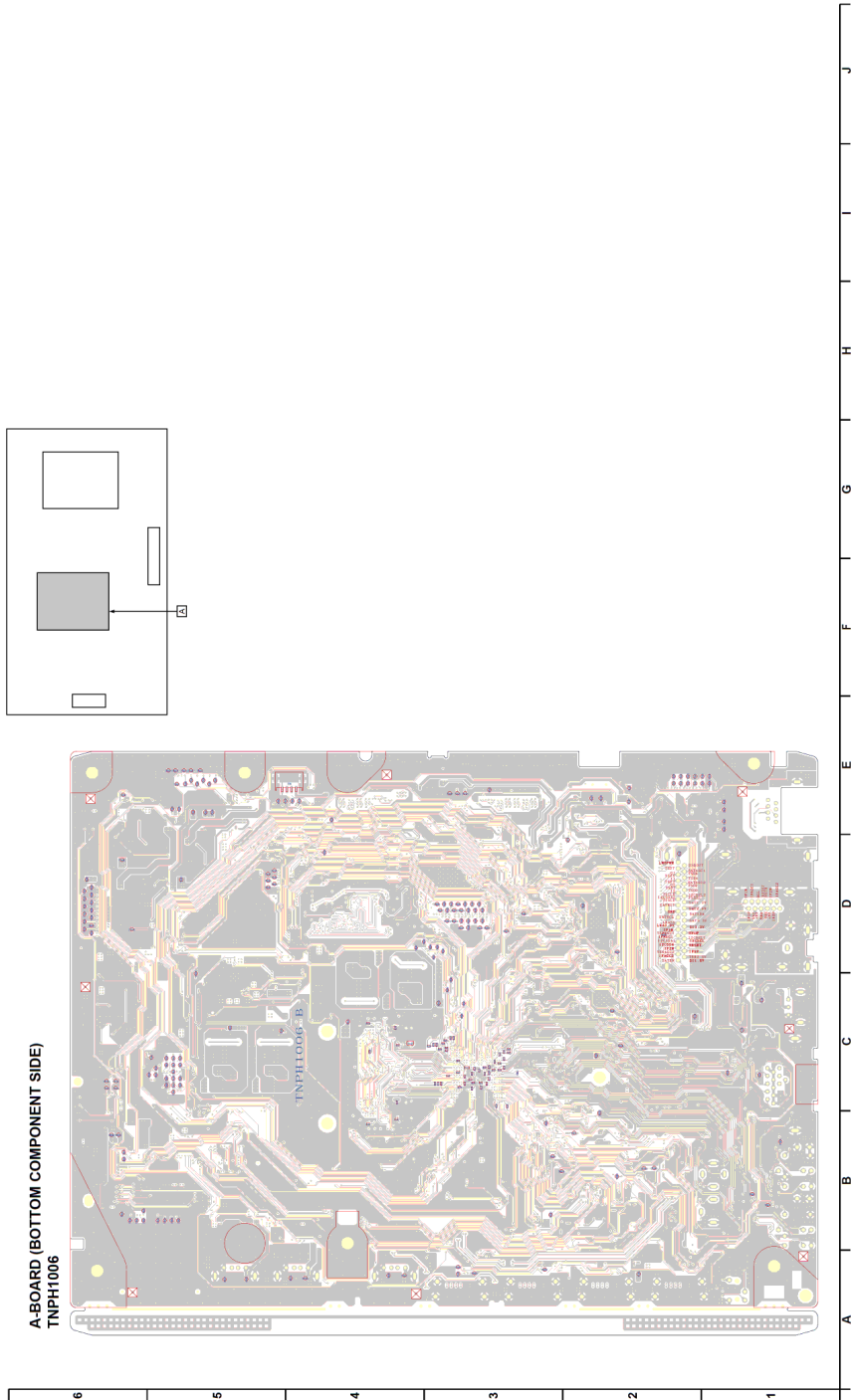


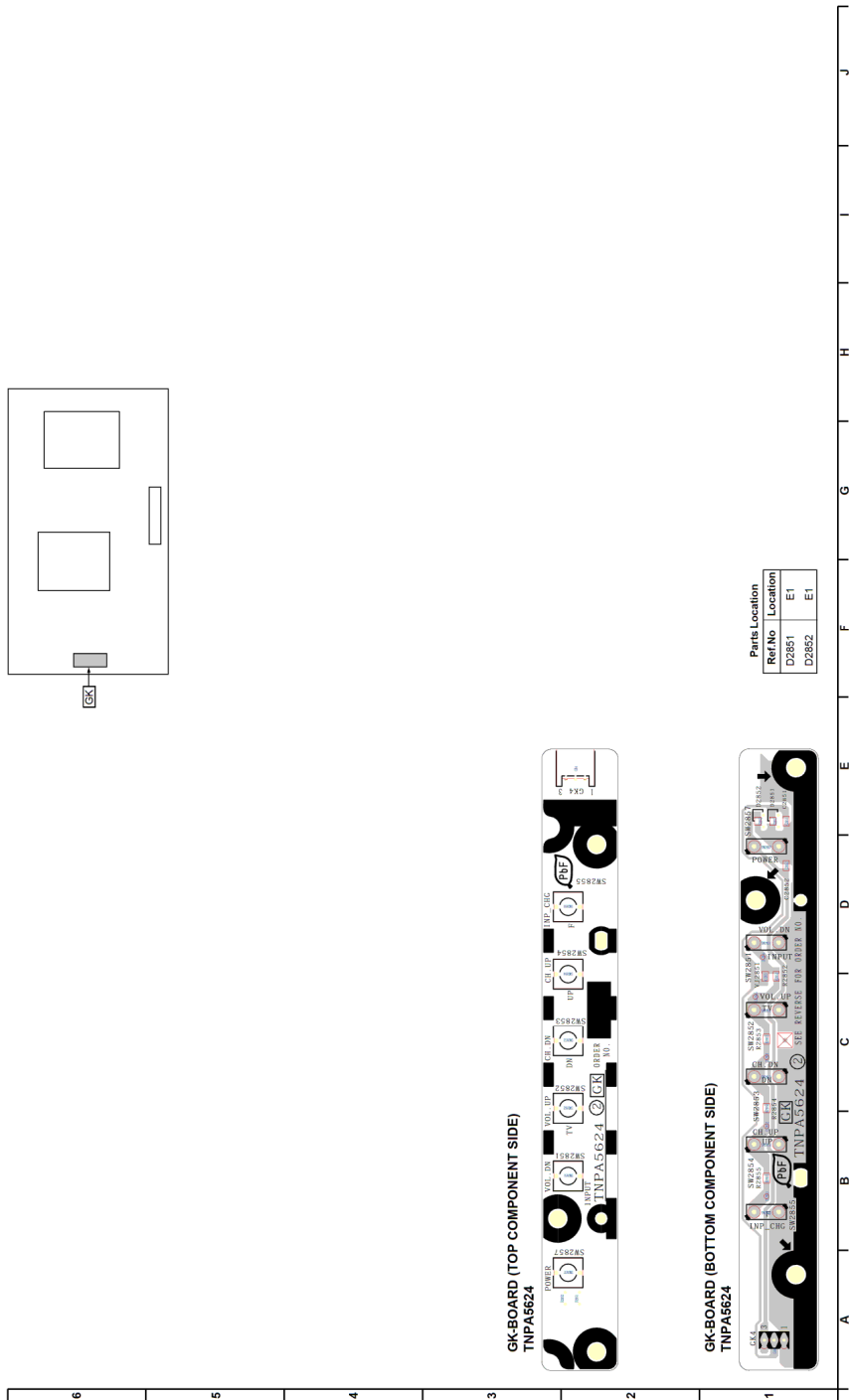
12 Printed Circuit Board

Model No. : TH-L42ET5R    A Board (Top Component Side)

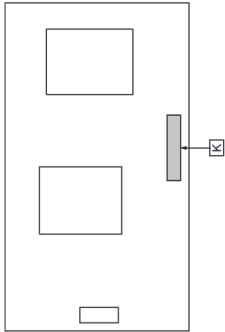


Model No. : TH-L42ET5R    A Board (Bottom Component Side)





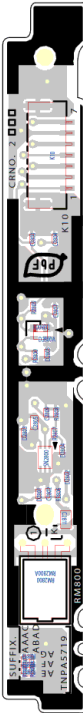
Model No. : TH-L42ET5R    K-Board



K-BOARD (TOP COMPONENT SIDE)  
TNPA5719

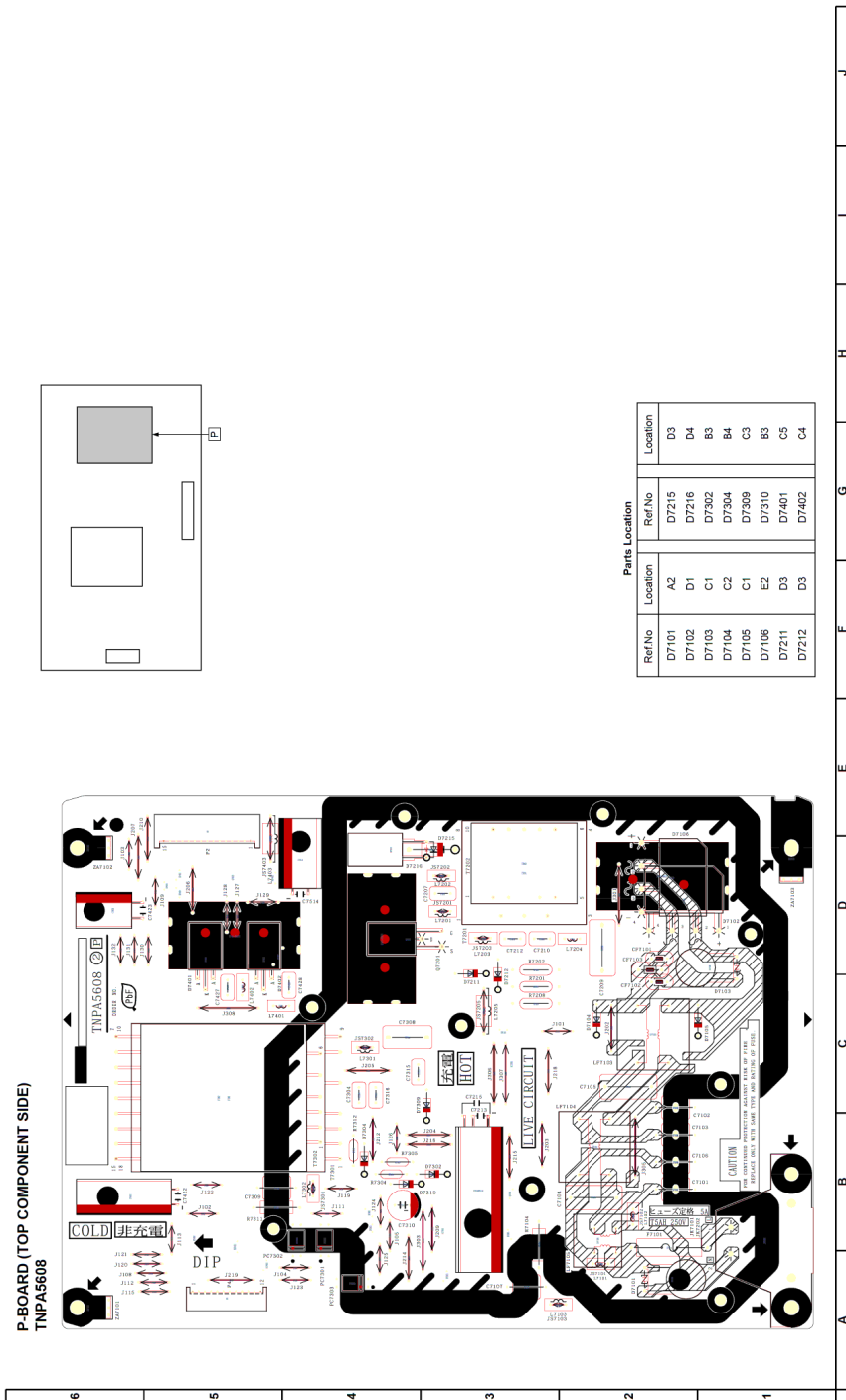


K-BOARD (BOTTOM COMPONENT SIDE)  
TNPA5719

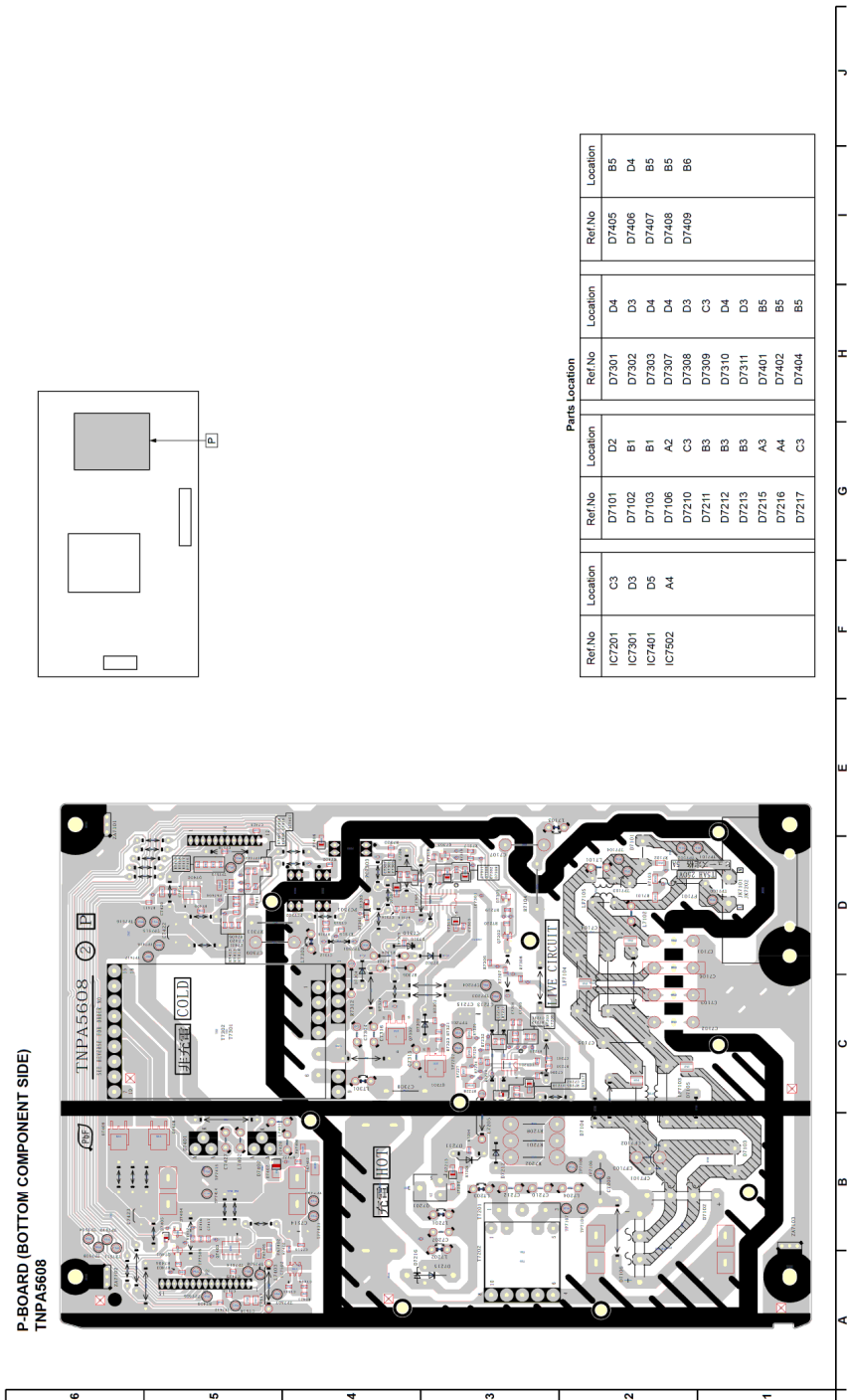


| Parts Location |          |
|----------------|----------|
| Ref No         | Location |
| D2800A         | C1       |
| D2800B         | C1       |
| D2801          | B1       |
| D2802          | B1       |
| D2803          | B1       |
| D2804          | B1       |
| D2805          | C1       |

Model No. : TH-L42ET5R P-Board (Top Component Side)

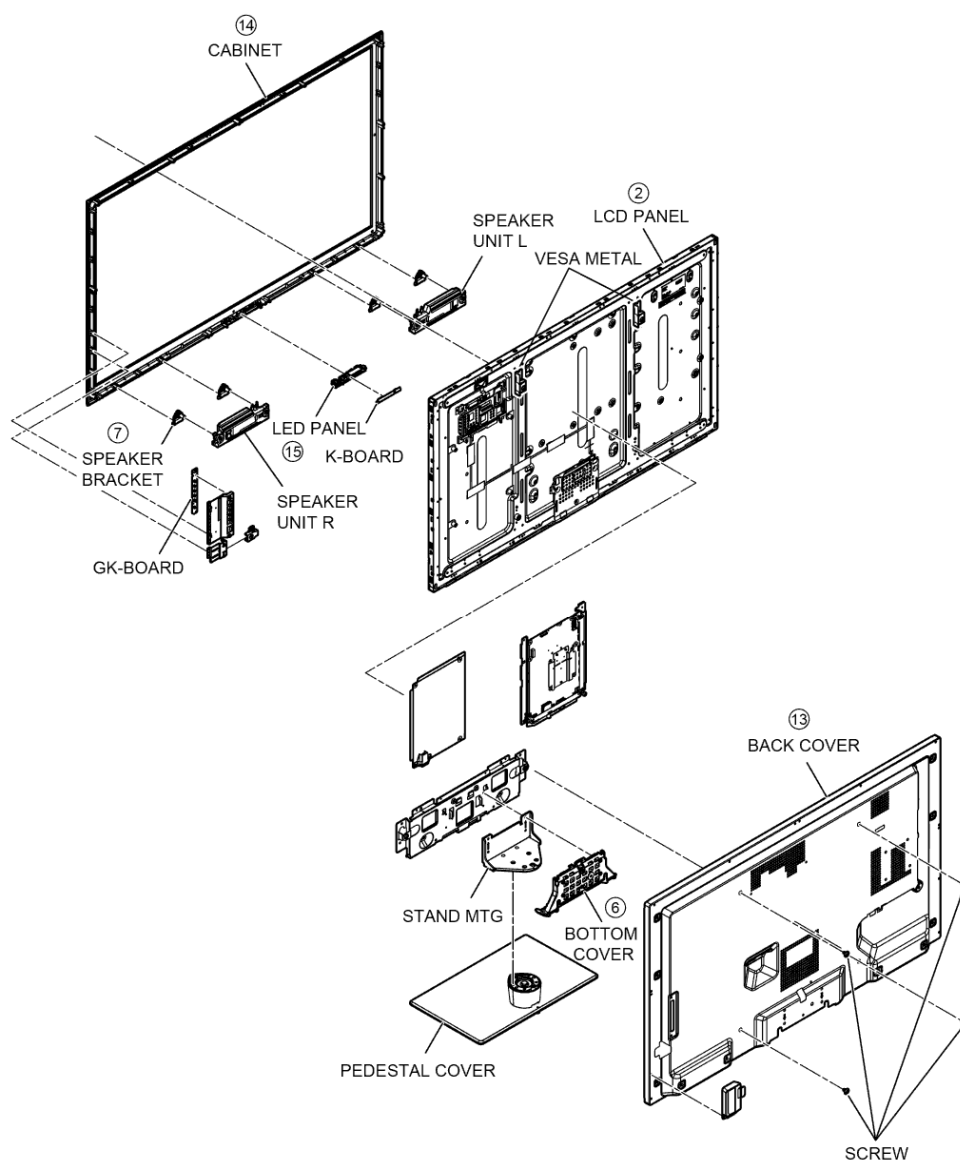


Model No. : TH-L42ET5R P-Board (Bottom Component Side)



# 13 Exploded View and Replacement Parts List

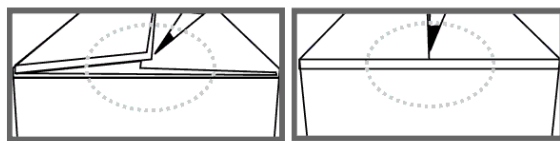
Model No. : TH-L42ET5R    Parts Location



**Model No. : TH-L42ET5R   Packing Exploded View 1**

1. Tape bottom flap of packing case with PP Tape
2. Fix the bottom cushion into Packing Case
3. Locate and fix the LCD set at bottom cushion firmly
4. Locate and fix the Pedestal Ass'y at bottom cushion firmly

**Caution point :**  
Need to make sure packing case top & bottom isn't **overlap** and **bending**.



NG

OK.

**CAUTION :**  
Direction for pedestal.  
Stand base of pedestal assy must  
facing inside p.case.

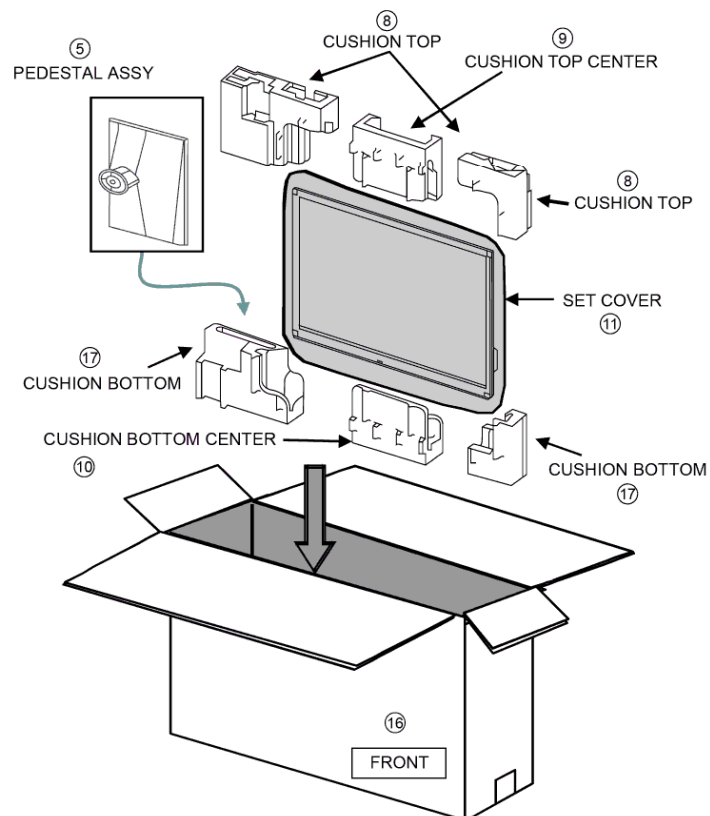


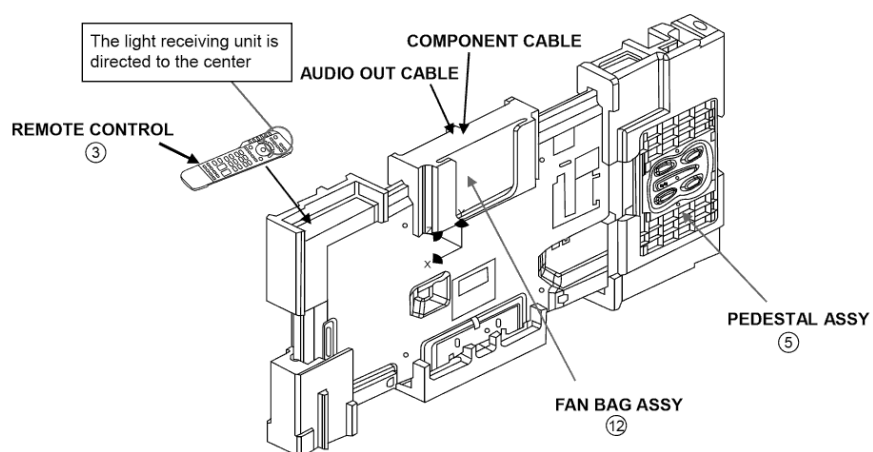
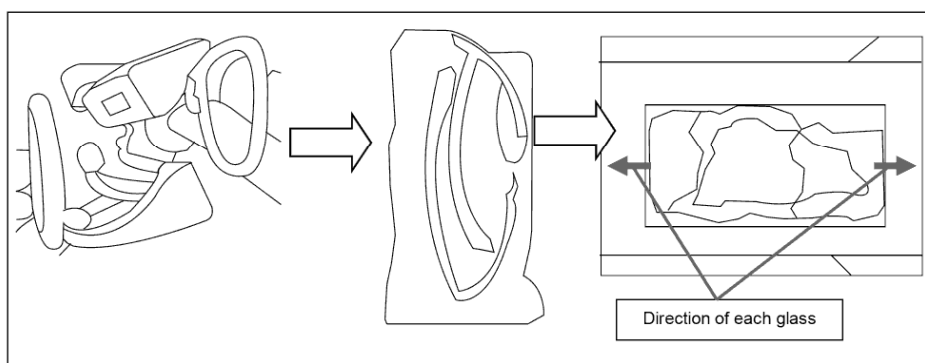
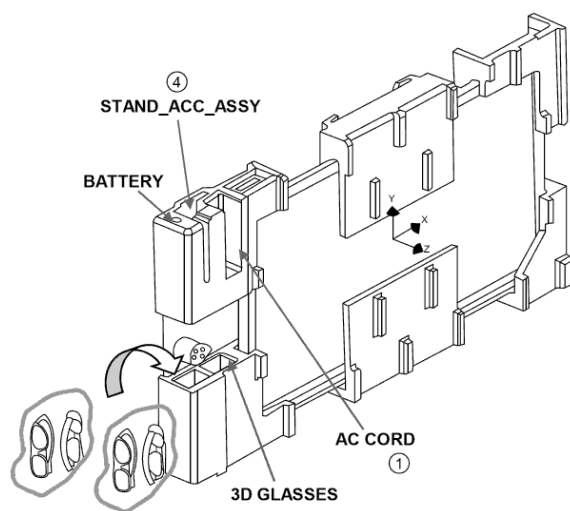
Diagram showing the front cover of the scanner being set. The text "SET COVER" with a circled "11" and an arrow points to the top edge of the cover. The text "FRONT" with an arrow points to the front edge of the cover.

[SET COVER]  
Fold the top end of plastic bag,  
front-side first, then follows by  
rear-side.

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**Model No. : TH-L42ET5R    Packing Exploded View 2**

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## Model No. : TH-L42ET5R Parts List

| Change     | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|------------|--------|----------|--------------|-------------------------|------|---------|
| CAPACITORS |        |          |              |                         |      |         |
|            |        | C1958    | F1G1E1030005 | C 0.01UF 25V            |      |         |
|            |        | C2000    | F1G1A105A047 | C 1UF 10V               |      |         |
|            |        | C2014    | F1K1E106A134 | C 10UF, 25V             |      |         |
|            |        | C2023    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C2802    | F1G1C1030008 | C 0.01UF 16V            |      |         |
|            |        | C2805    | F1H1C104A041 | C 0.1UF, 16V            |      |         |
|            |        | C2811    | F1J1A106A087 | C 10UF, 10V             |      |         |
|            |        | C3084    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C3085    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C3086    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C3108    | F1G1H561A830 | C 560 pF 50 V           |      |         |
|            |        | C3109    | F1G1H561A830 | C 560 pF 50 V           |      |         |
|            |        | C3114    | F1G1E333A059 | C 0.033UF, 25V          |      |         |
|            |        | C3115    | F1G1E333A059 | C 0.033UF, 25V          |      |         |
|            |        | C3116    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C3117    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C3118    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C3131    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C3145    | F1J1A106A087 | C 10UF, 10V             |      |         |
|            |        | C3147    | F1J1A106A087 | C 10UF, 10V             |      |         |
|            |        | C3151    | F1H1A105A099 | C 1UF, 10V              |      |         |
|            |        | C3152    | F1H1A105A099 | C 1UF, 10V              |      |         |
|            |        | C3159    | F1H1A105A099 | C 1UF, 10V              |      |         |
|            |        | C3160    | F1H1A105A099 | C 1UF, 10V              |      |         |
|            |        | C3171    | F1J1A106A087 | C 10UF, 10V             |      |         |
|            |        | C3172    | F1J1A106A087 | C 10UF, 10V             |      |         |
|            |        | C3175    | F1J1E105A287 | C 1UF, 25V              |      |         |
|            |        | C3176    | F1J1A106A087 | C 10UF, 10V             |      |         |
|            |        | C3177    | F1J1E105A287 | C 1UF, 25V              |      |         |
|            |        | C4702    | F1H0J105A051 | C 1UF, 6.3V             |      |         |
|            |        | C4713    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4716    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4722    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4723    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4727    | F1J1A106A087 | C 10UF, 10V             |      |         |
|            |        | C4900    | F1K1V106A010 | C 10UF, 25V             |      |         |
|            |        | C4901    | F1K1V106A010 | C 10UF, 25V             |      |         |
|            |        | C4903    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4904    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4905    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4906    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C4907    | F1K1V106A010 | C 10UF, 25V             |      |         |
|            |        | C4909    | F1K1V106A010 | C 10UF, 25V             |      |         |
|            |        | C4921    | F1J1E474A272 | C 0.47UF, 25V           |      |         |
|            |        | C4922    | F1J1E474A272 | C 0.47UF, 25V           |      |         |
|            |        | C4923    | F1J1E474A272 | C 0.47UF, 25V           |      |         |
|            |        | C4924    | F1J1E474A272 | C 0.47UF, 25V           |      |         |
|            |        | C4971    | F2G0G101A007 | E 100UF 6.3V            |      |         |
|            |        | C4972    | F2G0G101A007 | E 100UF 6.3V            |      |         |
|            |        | C5000    | F1G1A105A047 | C 1UF 10V               |      |         |
|            |        | C5002    | F1G1A105A047 | C 1UF 10V               |      |         |
|            |        | C5004    | F1G1A105A047 | C 1UF 10V               |      |         |
|            |        | C5006    | F1J1E105A287 | C 1UF, 25V              |      |         |
|            |        | C5012    | F1G1A105A047 | C 1UF 10V               |      |         |
|            |        | C5020    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|            |        | C5021    | F1G1A105A047 | C 1UF 10V               |      |         |
|            |        | C5022    | F1G1A105A047 | C 1UF 10V               |      |         |
|            |        | C5026    | F1H1C105A145 | C 1 uF 16 V             |      |         |
|            |        | C5150    | F1G1E1030005 | C 0.01UF 25V            |      |         |
|            |        | C5151    | F1G1E1030005 | C 0.01UF 25V            |      |         |
|            |        | C5171    | F1G1C1030008 | C 0.01UF 16V            |      |         |

## Model No. : TH-L42ET5R Parts List

| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | C5318    | F1G1H182A830 | C 1800PF 50V            |      |         |
|        |        | C5319    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C5320    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C5321    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C5322    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C5323    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C5324    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C5325    | F1G1H182A830 | C 1800PF 50V            |      |         |
|        |        | C5326    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | C5328    | F1G1H1020008 | C 1000PF 50V            |      |         |
|        |        | C5400    | F1K1V106A010 | C 10UF, 25V             |      |         |
|        |        | C5401    | F1K1V106A010 | C 10UF, 25V             |      |         |
|        |        | C5402    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C5403    | F1J0J2260004 | C 22 UF 6.3 V           |      |         |
|        |        | C5404    | F1J0J2260004 | C 22 UF 6.3 V           |      |         |
|        |        | C5407    | F1G1E333A059 | C 0.033UF, 25V          |      |         |
|        |        | C5408    | F1G1H222A830 | C 2200PF, 50V           |      |         |
|        |        | C5420    | F1K1V106A010 | C 10UF, 25V             |      |         |
|        |        | C5421    | F1K1V106A010 | C 10UF, 25V             |      |         |
|        |        | C5422    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C5423    | F1J0J2260004 | C 22 UF 6.3 V           |      |         |
|        |        | C5424    | F1J0J2260004 | C 22 UF 6.3 V           |      |         |
|        |        | C5427    | F1G1E333A059 | C 0.033UF, 25V          |      |         |
|        |        | C5428    | F1G1H222A830 | C 2200PF, 50V           |      |         |
|        |        | C5440    | F1K1V106A010 | C 10UF, 25V             |      |         |
|        |        | C5441    | F1K1V106A010 | C 10UF, 25V             |      |         |
|        |        | C5442    | F1G1C223A081 | C 0.022UF, 16V          |      |         |
|        |        | C5443    | F1J0J2260004 | C 22 UF 6.3 V           |      |         |
|        |        | C5444    | F1J0J2260004 | C 22 UF 6.3 V           |      |         |
|        |        | C5448    | F1H1C105A145 | C 1 uF 16 V             |      |         |
|        |        | C5449    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C5450    | F1G1H100A833 | C 10PF 50V              |      |         |
|        |        | C6707    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6708    | F1J0J2260004 | C 22 UF 6.3 V           |      |         |
|        |        | C6710    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6719    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6720    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6721    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6723    | F1G1H330A834 | C 33PF, 50V             |      |         |
|        |        | C6724    | F1G1H330A834 | C 33PF, 50V             |      |         |
|        |        | C6733    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6740    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C6743    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6744    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6745    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6746    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C6747    | F1G1H101A834 | C 100PF 50V             |      |         |
|        |        | C6772    | F1G1H101A834 | C 100PF 50V             |      |         |
|        | ⚠      | C7102    | F1A2E471A007 | C 470PF, 250V           |      |         |
|        | ⚠      | C7103    | F1A2E471A007 | C 470PF, 250V           |      |         |
|        | ⚠      | C7104    | F0CAF224A124 | C 0.22UF, 250V          |      |         |
|        | ⚠      | C7105    | F0CAF224A124 | C 0.22UF, 250V          |      |         |
|        | ⚠      | C7107    | F1A2E471A007 | C 470PF, 250V           |      |         |
|        |        | C7201    | F1J1H102A909 | C 1000pF, 50V           |      |         |
|        |        | C7202    | F1J1H102A909 | C 1000pF, 50V           |      |         |
|        |        | C7203    | F1J1H223A900 | C 0.022UF, 50V          |      |         |
|        |        | C7204    | F1J1E224A272 | C 0.22UF, 25V           |      |         |
|        |        | C7206    | F1J1E475A257 | C 4.7UF, 25V            |      |         |
|        |        | C7207    | F1A3A471A060 | C 470PF 1KV             |      |         |
|        |        | C7209    | F0CZ824A169  | C 0.82UF , 240V         |      |         |
|        |        | C7213    | F2A2W6800011 | C 68UF 450V             |      |         |
|        |        | C7214    | F1J1H102A909 | C 1000pF, 50V           |      |         |

**Model No. : TH-L42ET5R    Parts List**

| Change | Safety | Ref.<br>No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|-------------|--------------|-------------------------|------|---------|
|        |        | C7302       | F1J1H473A835 | C 0.047UF, 50V          |      |         |
|        |        | C7303       | F1J1H104A902 | C 0.1UF, 50V            |      |         |
|        |        | C7304       | F1A3A221A060 | C 220PF 1KV             |      |         |
|        |        | C7305       | F1J1H104A902 | C 0.1UF, 50V            |      |         |
|        |        | C7306       | F1J1H104A902 | C 0.1UF, 50V            |      |         |
|        |        | C7307       | F1J1H101A906 | C 100PF, 50V            |      |         |
|        |        | C7308       | ECWH8223HAC  | C 0.022UF, Z, 800V      |      |         |
|        |        | C7310       | F2A1V3310067 | C 150UF 35V             |      |         |
|        |        | C7311       | F1J1E105A287 | C 1UF, 25V              |      |         |
|        |        | C7312       | F1J1H474A757 | C 0.47UF, 50V           |      |         |
|        |        | C7313       | F1J1H102A909 | C 1000pF, 50V           |      |         |
|        |        | C7314       | F1J1H101A906 | C 100PF, 50V            |      |         |
|        |        | C7315       | F1A3A221A060 | C 220PF 1KV             |      |         |
|        |        | C7316       | F1A3A221A060 | C 220PF 1KV             |      |         |
|        |        | C7416       | F1J1C475A225 | C 4.7UF, 10V            |      |         |
|        |        | C7417       | F1J1E105A287 | C 1UF, 25V              |      |         |
|        |        | C7418       | F1J1H104A902 | C 0.1UF, 50V            |      |         |
|        |        | C7422       | F2A1V6810039 | C 680UF 35V             |      |         |
|        |        | C7423       | F2A1E6810033 | E 680UF 25V             |      |         |
|        |        | C7427       | F1A3A471A060 | C 470PF 1KV             |      |         |
|        |        | C7428       | F1A3A471A060 | C 470PF 1KV             |      |         |
|        |        | C7429       | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C7514       | F2A1C2220116 | C 2200UF 16V            |      |         |
|        |        | C7515       | F1J1E105A287 | C 1UF, 25V              |      |         |
|        |        | C8002       | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8004       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8005       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8007       | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8014       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8017       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8019       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8020       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8022       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8023       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8024       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8025       | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8031       | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8033       | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8034       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8035       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8036       | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8038       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8039       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8100       | F1G1C223A146 | C 0.022UF, 16V          |      |         |
|        |        | C8101       | F1H1C105A145 | C 1 uF 16 V             |      |         |
|        |        | C8102       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8103       | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C8105       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8106       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8108       | F1H1E104A029 | C 0.1UF 25V             |      |         |
|        |        | C8110       | F1G1C183A146 | C 0.018UF, 16V          |      |         |
|        |        | C8111       | F1H1C105A145 | C 1 uF 16 V             |      |         |
|        |        | C8112       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8113       | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C8115       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8116       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8118       | F1H1E104A029 | C 0.1UF 25V             |      |         |
|        |        | C8203       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8204       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8205       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8206       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8207       | F1J1A106A087 | C 10UF, 10V             |      |         |

**Model No. : TH-L42ET5R Parts List**

| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | C8208    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8210    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8212    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8215    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8216    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8218    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8220    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8221    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8224    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8229    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8230    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8231    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8232    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8300    | F1G1H9R0A831 | C 9 PF, 50V             |      |         |
|        |        | C8301    | F1G1H9R0A831 | C 9 PF, 50V             |      |         |
|        |        | C8304    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8305    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8306    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8307    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8308    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8309    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8310    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8311    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8312    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8452    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8453    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8454    | EEH0B0J221UP | E 220UF, 6.3V           |      |         |
|        |        | C8455    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8457    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8461    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8462    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8463    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8464    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8465    | EEH0B0J221UP | E 220UF, 6.3V           |      |         |
|        |        | C8466    | EEH0B0J221UP | E 220UF, 6.3V           |      |         |
|        |        | C8467    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8469    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8470    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8471    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8600    | F1L3D1020008 | C 1000PF 2000V          |      |         |
|        |        | C8601    | F1G1C1030008 | C 0.01UF 16V            |      |         |
|        |        | C8602    | F1G1C1030008 | C 0.01UF 16V            |      |         |
|        |        | C8603    | F1G1H8R0A831 | C 8 PF, 50V             |      |         |
|        |        | C8604    | F1G1H8R0A831 | C 8 PF, 50V             |      |         |
|        |        | C8611    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8613    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8615    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8619    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8621    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8660    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8661    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8668    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8669    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8670    | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C8671    | F1G1H220A834 | C 22PF, 50V             |      |         |
|        |        | C8673    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8675    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C8677    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8680    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8714    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8715    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C8764    | F1J1A475A039 | C 4.7UF, 10V            |      |         |

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| Change | Safety | Ref.<br>No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|-------------|--------------|-------------------------|------|---------|
|        |        | C8765       | F1J1A475A039 | C 4.7UF, 10V            |      |         |
|        |        | C8850       | F1G1E1030005 | C 0.01UF 25V            |      |         |
|        |        | C8900       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8901       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C8902       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9052       | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C9053       | F1H1H103B047 | C 0.01UF, 50V           |      |         |
|        |        | C9100       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9101       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9102       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9104       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9112       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9113       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9114       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9116       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9117       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9118       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9119       | F1H1A105A099 | C 1UF, 10V              |      |         |
|        |        | C9122       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9123       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9124       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9128       | F1H1A105A099 | C 1UF, 10V              |      |         |
|        |        | C9131       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9133       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9134       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9135       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9136       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9138       | F1H1A105A099 | C 1UF, 10V              |      |         |
|        |        | C9139       | F1H1A105A099 | C 1UF, 10V              |      |         |
|        |        | C9140       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9142       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9145       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9146       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9148       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9151       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9152       | F1G1C1030008 | C 0.01UF 16V            |      |         |
|        |        | C9155       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9156       | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C9157       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9160       | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C9162       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9163       | F1G1H120A834 | C 12PF, 50V             |      |         |
|        |        | C9164       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9165       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9166       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9167       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9168       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9169       | F1G1H120A834 | C 12PF, 50V             |      |         |
|        |        | C9170       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9171       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9172       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9173       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9174       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9182       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9183       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9184       | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9250       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9251       | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9252       | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9253       | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9254       | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9255       | F1G1A104A069 | C 0.1UF 10V             |      |         |

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| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | C9256    | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9259    | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9260    | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9261    | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9262    | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9266    | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9275    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9278    | F1G1H471A830 | C 470PF, 50V            |      |         |
|        |        | C9279    | F1G1A105A047 | C 1UF 10V               |      |         |
|        |        | C9280    | F1G1A104A069 | C 0.1UF 10V             |      |         |
|        |        | C9303    | F1H1C105A145 | C 1 uF 16 V             |      |         |
|        |        | C9304    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9306    | F1H1C105A145 | C 1 uF 16 V             |      |         |
|        |        | C9307    | F1G1C1030008 | C 0.01UF 16V            |      |         |
|        |        | C9309    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9310    | F1H1E104A029 | C 0.1UF 25V             |      |         |
|        |        | C9311    | F1G1C104A077 | C 0.1UF 16V             |      |         |
|        |        | C9312    | F1H1E104A029 | C 0.1UF 25V             |      |         |
|        |        | C9313    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C9314    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C9315    | F1K1E106A134 | C 10UF, 25V             |      |         |
|        |        | C9317    | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9318    | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9319    | F1J0G2260001 | C 22 UF 4 V             |      |         |
|        |        | C9323    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C9329    | F1H1A105A099 | C 1UF, 10V              |      |         |
|        |        | C9355    | F1G1A1040006 | C 0.1UF 10V             |      |         |
|        |        | C9359    | F1J1A106A087 | C 10UF, 10V             |      |         |
|        |        | C9362    | F1H1A105A099 | C 1UF, 10V              |      |         |
| DIODES |        |          |              |                         |      |         |
|        |        | D3006    | K7AAAY000014 | DIODE                   |      |         |
|        |        | D3051    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D3055    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D3100    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D3101    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D3102    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D3103    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D3104    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D3105    | DZ2J140M0L   | DIODE                   |      |         |
|        |        | D4702    | DA2J10100L   | DIODE                   |      |         |
|        |        | D4704    | DB2J30900L   | DIODE                   |      |         |
|        |        | D4719    | DA2J10100L   | DIODE                   |      |         |
|        |        | D4735    | DA2J10100L   | DIODE                   |      |         |
|        |        | D4770    | DA2J10100L   | DIODE                   |      |         |
|        |        | D4785    | DB2J30900L   | DIODE                   |      |         |
|        |        | D5172    | DZ2J220M0L   | DIODE                   |      |         |
|        |        | D5173    | DA2J10100L   | DIODE                   |      |         |
|        |        | D5178    | DZ2J068M0L   | DIODE                   |      |         |
|        |        | D5179    | B0ADCK000001 | DIODE                   |      |         |
|        |        | D5180    | DZ2J033M0L   | DIODE                   |      |         |
|        |        | D5187    | DZ2J047M0L   | DIODE                   |      |         |
|        |        | D5188    | B0ADCK000001 | DIODE                   |      |         |
|        |        | D5191    | B0ADCK000001 | DIODE                   |      |         |
|        |        | D7101    | ERZV10Q621CD | SURGE ABSORBER          |      |         |
|        |        | D7104    | B0EAKR000022 | DIODE                   |      |         |
|        |        | D7105    | B0EAKR000022 | DIODE                   |      |         |
|        |        | D7106    | B0EBNR000047 | DIODE                   |      |         |
|        |        | D7211    | B0JAME000091 | DIODE                   |      |         |
|        |        | D7212    | B0JAME000091 | DIODE                   |      |         |
|        |        | D7216    | B0HASR000018 | DIODE                   |      |         |
|        |        | D7217    | B0BC02500002 | DIODE                   |      |         |
|        |        | D7301    | DZ2J039M0L   | DIODE                   |      |         |

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| Change              | Safety | Ref. No. | Part No.     | Part Name & Description  | Q'ty | Remarks |
|---------------------|--------|----------|--------------|--------------------------|------|---------|
|                     |        | D7302    | B0HAGQ000001 | DIODE                    |      |         |
|                     |        | D7303    | DZ2J039M0L   | DIODE                    |      |         |
|                     |        | D7304    | B0HAGQ000001 | DIODE                    |      |         |
|                     |        | D7305    | B0ADCK000001 | DIODE                    |      |         |
|                     |        | D7306    | B0BC02500002 | DIODE                    |      |         |
|                     |        | D7307    | B0BC02500002 | DIODE                    |      |         |
|                     |        | D7308    | B0BC02500002 | DIODE                    |      |         |
|                     |        | D7309    | B0JAME000091 | DIODE                    |      |         |
|                     |        | D7310    | B0JAME000091 | DIODE                    |      |         |
|                     |        | D7311    | B0BC02500002 | DIODE                    |      |         |
|                     |        | D7401    | B0JBSK000024 | DIODE                    |      |         |
|                     |        | D7402    | B0JBSK000024 | DIODE                    |      |         |
|                     |        | D7404    | B0ADCK000001 | DIODE                    |      |         |
|                     |        | D7405    | DA2J10100L   | DIODE                    |      |         |
|                     |        | D7407    | B0JCPE000038 | DIODE                    |      |         |
|                     |        | D7408    | B0JDSG000010 | DIODE                    |      |         |
|                     |        | D7409    | B0JDSG000010 | DIODE                    |      |         |
|                     |        | D8716    | B0ECKM000053 | DIODE                    |      |         |
|                     |        | D8850    | DB2J30900L   | DIODE                    |      |         |
| INTEGRATED CIRCUITS |        |          |              |                          |      |         |
|                     |        | IC3052   | C0ABBB000179 | IC                       |      |         |
|                     |        | IC4700   | C1AB00003469 | IC                       |      |         |
|                     |        | IC4900   | C1AB00003871 | IC                       |      |         |
|                     |        | IC5000   | AN34043AAVF  | IC                       |      |         |
|                     |        | IC5300   | C0DBAYY01501 | IC                       |      |         |
|                     |        | IC5400   | C0DBAYY01299 | IC                       |      |         |
|                     |        | IC5420   | C0DBAYY01299 | IC                       |      |         |
|                     |        | IC5440   | C0DBAYY01283 | IC                       |      |         |
|                     |        | IC7201   | C0DBBY000050 | IC                       |      |         |
|                     |        | IC7301   | C0DBAYY01329 | IC                       |      |         |
|                     |        | IC7401   | C0DBZYY00531 | IC                       |      |         |
|                     |        | IC7502   | C0DBGYY03054 | IC                       |      |         |
|                     |        | IC8000   | MN2WS0250B   | IC                       |      |         |
|                     |        | IC8100   | C0DBAYY01283 | IC                       |      |         |
|                     |        | IC8101   | C0DBAYY01285 | IC                       |      |         |
|                     |        | IC8200   | C3ABUY000020 | IC                       |      |         |
|                     |        | IC8201   | C3ABUY000020 | IC                       |      |         |
|                     |        | IC8453   | C0DBZYY00541 | IC                       |      |         |
|                     |        | IC8454   | C0DBZYY00541 | IC                       |      |         |
|                     |        | IC8455   | C0DBZYY00541 | IC                       |      |         |
|                     |        | IC8600   | C1CB00003736 | IC                       |      |         |
|                     |        | IC8660   | C0DBEYY00102 | IC                       |      |         |
|                     |        | IC8702   | C0DBEYY00102 | IC                       |      |         |
|                     |        | IC8706   | C0DBGYY01682 | IC                       |      |         |
|                     |        | IC8900   | TVRS837      | ROM IC (C3FBVY000020)    |      |         |
|                     |        | IC8902   | C3EBHY000030 | IC                       |      |         |
|                     |        | IC9100   | C1AB00003869 | IC                       |      |         |
|                     |        | IC9250   | C3ABSY000090 | IC                       |      |         |
|                     |        | IC9300   | C0EBK0000129 | IC                       |      |         |
|                     |        | IC9301   | C0DBAYY01285 | IC                       |      |         |
|                     |        | IC9302   | C0DBAYY01285 | IC                       |      |         |
|                     |        | IC9303   | C0DBGFD00011 | IC                       |      |         |
|                     |        | IC9350   | TVRS864AB    | EEPROM IC (C3FBKY000091) |      |         |
|                     |        | IC9351   | C0DBGYY00887 | IC                       |      |         |
| COILS               |        |          |              |                          |      |         |
|                     |        | L3102    | J0JYC0000156 | INDUCTOR                 |      |         |
|                     |        | L3103    | J0JYC0000156 | INDUCTOR                 |      |         |
|                     |        | L3111    | J0JYC0000156 | INDUCTOR                 |      |         |
|                     |        | L3112    | J0JYC0000156 | INDUCTOR                 |      |         |
|                     |        | L3113    | J0JYC0000156 | INDUCTOR                 |      |         |
|                     |        | L3116    | J0JYC0000156 | INDUCTOR                 |      |         |
|                     |        | L3119    | J0JYC0000156 | INDUCTOR                 |      |         |

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| Change      | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|-------------|--------|----------|--------------|-------------------------|------|---------|
|             |        | L3120    | J0JYC0000156 | INDUCTOR                |      |         |
|             |        | L4901    | G1C150MA0533 | INDUCTOR                |      |         |
|             |        | L4902    | G1C150MA0533 | INDUCTOR                |      |         |
|             |        | L4903    | G1C150MA0533 | INDUCTOR                |      |         |
|             |        | L4904    | G1C150MA0533 | INDUCTOR                |      |         |
|             |        | L5300    | G1C150MA0445 | INDUCTOR                |      |         |
|             |        | L5400    | G1C4R7ZA0311 | INDUCTOR                |      |         |
|             |        | L5420    | G1C6R8MA0533 | INDUCTOR                |      |         |
|             |        | L5440    | G1C3R3ZA0311 | COIL                    |      |         |
|             |        | L6707    | J0JYC0000070 | BEAD CORE               |      |         |
|             |        | L6711    | J0JHC0000046 | EMI FILTER              |      |         |
|             |        | L6721    | J0JYC0000156 | INDUCTOR                |      |         |
|             |        | L7103    | J0JKB0000034 | EMI FILTER              |      |         |
|             |        | L7201    | J0JKB0000034 | EMI FILTER              |      |         |
|             |        | L7202    | J0JKB0000034 | EMI FILTER              |      |         |
|             |        | L7203    | J0JKB0000034 | EMI FILTER              |      |         |
|             |        | L7401    | J0JKB0000034 | EMI FILTER              |      |         |
|             |        | L7402    | J0JKB0000034 | EMI FILTER              |      |         |
|             |        | L7403    | EXCELSA39V   | BEAD CORE               |      |         |
|             |        | L8001    | J0JCC0000287 | COIL                    |      |         |
|             |        | L8002    | J0JYC0000464 | BEAD CORE               |      |         |
|             |        | L8003    | J0JKC0000021 | BEAD CORE               |      |         |
|             |        | L8004    | J0JCC0000287 | COIL                    |      |         |
|             |        | L8005    | J0JYC0000464 | BEAD CORE               |      |         |
|             |        | L8006    | J0JYC0000464 | BEAD CORE               |      |         |
|             |        | L8100    | G1C1R5ZA0311 | COIL                    |      |         |
|             |        | L8101    | G1C2R2ZA0311 | INDUCTOR                |      |         |
|             |        | L8451    | J0ZZB0000142 | FILTER                  |      |         |
|             |        | L8453    | J0ZZB0000142 | FILTER                  |      |         |
|             |        | L8455    | J0ZZB0000142 | FILTER                  |      |         |
|             |        | L8461    | J0JHC0000045 | COIL                    |      |         |
|             |        | L8462    | J0JHC0000045 | COIL                    |      |         |
|             |        | L8464    | J0JHC0000045 | COIL                    |      |         |
|             |        | L8660    | J0JBC0000115 | BEAD CORE               |      |         |
|             |        | L8662    | J0JHC0000045 | COIL                    |      |         |
|             |        | L8663    | D0GAR00J0005 | CHIP RESISTOR           |      |         |
|             |        | L8664    | D0GAR00J0005 | CHIP RESISTOR           |      |         |
|             |        | L9101    | J0JYC0000464 | BEAD CORE               |      |         |
|             |        | L9102    | J0JYC0000464 | BEAD CORE               |      |         |
|             |        | L9104    | J0JYC0000464 | BEAD CORE               |      |         |
|             |        | L9300    | G1C2R2ZA0311 | INDUCTOR                |      |         |
|             |        | L9301    | G1C2R2ZA0311 | INDUCTOR                |      |         |
| TRANSISTORS |        |          |              |                         |      |         |
|             |        | Q2011    | B1ABCE000015 | TRANSISTOR              |      |         |
|             |        | Q2012    | B1ABCE000015 | TRANSISTOR              |      |         |
|             |        | Q2013    | B1ABCE000015 | TRANSISTOR              |      |         |
|             |        | Q3102    | B1ABCE000015 | TRANSISTOR              |      |         |
|             |        | Q3103    | B1ABCE000015 | TRANSISTOR              |      |         |
|             |        | Q4700    | B1ABCF000231 | TRANSISTOR              |      |         |
|             |        | Q4702    | B1ABCF000231 | TRANSISTOR              |      |         |
|             |        | Q4704    | B1ABCF000231 | TRANSISTOR              |      |         |
|             |        | Q4709    | B1ABCF000231 | TRANSISTOR              |      |         |
|             |        | Q4971    | B1ABKE000001 | TRANSISTOR              |      |         |
|             |        | Q4972    | B1ABKE000001 | TRANSISTOR              |      |         |
|             |        | Q4981    | B1ABCE000015 | TRANSISTOR              |      |         |
|             |        | Q5303    | B1ABCF000231 | TRANSISTOR              |      |         |
|             |        | Q7201    | B1CERR000057 | TRANSISTOR              |      |         |
|             |        | Q7202    | B1ADCE000022 | TRANSISTOR              |      |         |
|             |        | Q7301    | B1CFRR000018 | TRANSISTOR              |      |         |
|             |        | Q7302    | B1CFRR000018 | TRANSISTOR              |      |         |
|             |        | Q7303    | B1ADCE000022 | TRANSISTOR              |      |         |
|             |        | Q7401    | B1ABCF000231 | TRANSISTOR              |      |         |

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| Change    | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|-----------|--------|----------|--------------|-------------------------|------|---------|
|           |        | Q7402    | B1CHRE000015 | TRANSISTOR              |      |         |
|           |        | Q7403    | B1CHRE000015 | TRANSISTOR              |      |         |
|           |        | Q9350    | B1ADCE000022 | TRANSISTOR              |      |         |
|           |        | Q9351    | B1ABCF000231 | TRANSISTOR              |      |         |
| RESISTORS |        |          |              |                         |      |         |
|           |        | R0900    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0901    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0904    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|           |        | R0905    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0906    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0907    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0910    | D0GA332JA023 | M 3.3KOHM, J,1/16W      |      |         |
|           |        | R0911    | D0GA272JA023 | M 2.7KOHM, J.1/16W      |      |         |
|           |        | R0912    | D0GA272JA023 | M 2.7KOHM, J.1/16W      |      |         |
|           |        | R0913    | D0GA332JA023 | M 3.3KOHM, J,1/16W      |      |         |
|           |        | R0914    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0916    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0917    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0918    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0919    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0932    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0933    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|           |        | R0938    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0940    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0946    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0948    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0951    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R0952    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|           |        | R0954    | D0GA272JA023 | M 2.7KOHM, J.1/16W      |      |         |
|           |        | R0955    | D0GA272JA023 | M 2.7KOHM, J.1/16W      |      |         |
|           |        | R0956    | D0GA332JA023 | M 3.3KOHM, J,1/16W      |      |         |
|           |        | R0957    | D0GA332JA023 | M 3.3KOHM, J,1/16W      |      |         |
|           |        | R1951    | D0GA680JA023 | M 68 OHM, J,1/16W       |      |         |
|           |        | R1953    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|           |        | R2000    | D0GA433JA023 | M 43KOHM, J,1/16W       |      |         |
|           |        | R2003    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|           |        | R2008    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|           |        | R2013    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R2014    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R2016    | D0GA122JA023 | M 1.2KOHM, J,1/16W      |      |         |
|           |        | R2034    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|           |        | R2051    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R2053    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|           |        | R2054    | D0GA104JA023 | M100KOHM, J.1/16 W      |      |         |
|           |        | R2055    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|           |        | R2058    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|           |        | R2059    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|           |        | R2060    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|           |        | R2061    | D0GA223JA023 | M 22K OHM J 1/16W       |      |         |
|           |        | R2062    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|           |        | R2066    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|           |        | R2800    | D1BA6800A023 | M 6800HM ,J, 1/16W      |      |         |
|           |        | R2805    | D1BA1821A023 | M 1.82KOHM ,J, 1/16W    |      |         |
|           |        | R2806    | D0GA470JA023 | M 47 OHM, J,1/16W       |      |         |
|           |        | R2807    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|           |        | R2811    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|           |        | R2852    | D1BD1911A066 | M 1.91KOHM, J.1/8 W     |      |         |
|           |        | R2853    | D1BD3091A066 | M 3.09KOHM, J.1/8 W     |      |         |
|           |        | R2854    | D1BD6041A066 | M 6.04KOHM, J.1/8 W     |      |         |
|           |        | R2855    | D1BD1692A066 | M 16.9KOHM, F.1/8W      |      |         |
|           |        | R3101    | D0GA472JA023 | M 4.7KOHM, J,1/16W      |      |         |
|           |        | R3102    | D0GA472JA023 | M 4.7KOHM, J,1/16W      |      |         |

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| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | R3103    | D0GD750JA052 | M 75 OHM, J, 1/8W       |      |         |
|        |        | R3104    | D0GD750JA052 | M 75 OHM, J, 1/8W       |      |         |
|        |        | R3105    | D0GD750JA052 | M 75 OHM, J, 1/8W       |      |         |
|        |        | R3121    | D0GB104ZA041 | M 100KOHM, J.1/10W      |      |         |
|        |        | R3123    | D1HY2204A012 | C 220HM , J, 1/16W      |      |         |
|        |        | R3127    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R3132    | D0GB103JA072 | M 10K OHM J 1/10W       |      |         |
|        |        | R3141    | D0GF750JA048 | M 75 OHM. 1/4W          |      |         |
|        |        | R3157    | D1HY2204A012 | C 220HM , J, 1/16W      |      |         |
|        |        | R3163    | D0GA104JA023 | M100KOHM, J.1/16 W      |      |         |
|        |        | R3164    | D0GA104JA023 | M100KOHM, J.1/16 W      |      |         |
|        |        | R3167    | D0GA333JA023 | M 33KOHM, J, 1/16W      |      |         |
|        |        | R3168    | D0GA333JA023 | M 33KOHM, J, 1/16W      |      |         |
|        |        | R3171    | D0GA101JA023 | M 100 OHM, J, 1/16W     |      |         |
|        |        | R3172    | D0GA101JA023 | M 100 OHM, J, 1/16W     |      |         |
|        |        | R3173    | D0GB104ZA041 | M 100KOHM, J.1/10W      |      |         |
|        |        | R3179    | D0GA331JA023 | M 330 OHM, J, 1/16W     |      |         |
|        |        | R3180    | D0GA331JA023 | M 330 OHM, J, 1/16W     |      |         |
|        |        | R3181    | D0GD750JA052 | M 75 OHM, J, 1/8W       |      |         |
|        |        | R3182    | D0GD750JA052 | M 75 OHM, J, 1/8W       |      |         |
|        |        | R3183    | D0GD750JA052 | M 75 OHM, J, 1/8W       |      |         |
|        |        | R3184    | D0GA333JA023 | M 33KOHM, J, 1/16W      |      |         |
|        |        | R3185    | D0GA333JA023 | M 33KOHM, J, 1/16W      |      |         |
|        |        | R3188    | D0GB104ZA041 | M 100KOHM, J.1/10W      |      |         |
|        |        | R3189    | D0GB104ZA041 | M 100KOHM, J.1/10W      |      |         |
|        |        | R3193    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R3201    | D0GA101JA023 | M 100 OHM, J, 1/16W     |      |         |
|        |        | R3231    | D0GB103JA072 | M 10K OHM J 1/10W       |      |         |
|        |        | R3233    | D0GB203ZA038 | M 20KOHM 1/10W          |      |         |
|        |        | R3234    | D0GB203ZA038 | M 20KOHM 1/10W          |      |         |
|        |        | R3237    | D0GB473JA072 | M 47KOHM J 1/10W        |      |         |
|        |        | R3238    | D0GB473JA072 | M 47KOHM J 1/10W        |      |         |
|        |        | R3871    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R3966    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R4702    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4708    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4709    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4710    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R4711    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R4712    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R4715    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4721    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4722    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4723    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R4724    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R4725    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R4728    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4732    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4734    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4735    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4736    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R4737    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R4738    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R4739    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R4744    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R4745    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R4746    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R4747    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R4748    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R4749    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R4750    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R4751    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |

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| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | R4752    | D1BA1600A023 | M 160 OHM,F.1/16 W      |      |         |
|        |        | R4753    | D1BA82R0A014 | M 82 OHM,F.1/16 W       |      |         |
|        |        | R4763    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4764    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4765    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4766    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4767    | D0GA392JA023 | M 3.9KOHM, J,1/16W      |      |         |
|        |        | R4770    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4771    | D0GA152JA023 | M 1.5KOHM, J,1/16W      |      |         |
|        |        | R4772    | D0GA152JA023 | M 1.5KOHM, J,1/16W      |      |         |
|        |        | R4774    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4775    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4776    | D0GA680JA023 | M 68 OHM, J,1/16W       |      |         |
|        |        | R4777    | D0GA680JA023 | M 68 OHM, J,1/16W       |      |         |
|        |        | R4780    | D0GA121JA023 | M 120 OHM, J,1/16W      |      |         |
|        |        | R4788    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4794    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4795    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4796    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4797    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R4798    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R4799    | D0GA273JA023 | M 27K OHM J ,1/16W      |      |         |
|        |        | R4900    | D0GFR00J0005 | M 0 OHM,J,1/3W          |      |         |
|        |        | R4901    | D1HY1014A022 | 1000HM , 1/16W          |      |         |
|        |        | R4906    | D0GA822JA023 | M8.2KOHM, J,1/16W       |      |         |
|        |        | R4907    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R4908    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R4913    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R4914    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R4955    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4956    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R4973    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4974    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4975    | D0GF122JA048 | M 1.2KOHM, J,1/10W      |      |         |
|        |        | R4976    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R4977    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R4980    | D0GB332JA072 | M 3.3KOHM,J,1/10W       |      |         |
|        |        | R4981    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R4982    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R5002    | D0GA683JA023 | M 68KOHM, J,1/16W       |      |         |
|        |        | R5003    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R5006    | D0GA223JA023 | M 22K OHM J 1/16W       |      |         |
|        |        | R5007    | D0GA223JA023 | M 22K OHM J 1/16W       |      |         |
|        |        | R5009    | D1BA5602A023 | M 56KOHM,F. 1/16 W      |      |         |
|        |        | R5012    | D1BA2202A023 | M 22KOHM,F. 1/16 W      |      |         |
|        |        | R5030    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R5100    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R5101    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R5102    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R5104    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R5152    | D0GA222JA023 | M 2.2KOHM, J,1/16W      |      |         |
|        |        | R5175    | D0GA680JA023 | M 68 OHM, J,1/16W       |      |         |
|        |        | R5181    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R5312    | D0GD4R7JA059 | M 4.7 OHM,J,1/4W        |      |         |
|        |        | R5313    | D0GA273JA023 | M 27K OHM J ,1/16W      |      |         |
|        |        | R5315    | D1BA1402A023 | M 14KOHM,F. 1/16 W      |      |         |
|        |        | R5316    | D1BA1001A023 | M 1 KOHM,F.1/16 W       |      |         |
|        |        | R5318    | D1BA1402A023 | M 14KOHM,F. 1/16 W      |      |         |
|        |        | R5319    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R5320    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R5400    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R5401    | D1BA2202A023 | M 22KOHM,F. 1/16 W      |      |         |

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| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | R5402    | D0GB911ZA037 | M 910 OHM,1/10W         |      |         |
|        |        | R5403    | D1BB2871A106 | M 2.87 KOHM,F.1/10 W    |      |         |
|        |        | R5420    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R5421    | D1BA3302A023 | M 33KOHM,F. 1/16 W      |      |         |
|        |        | R5422    | D0GB911ZA037 | M 910 OHM,1/10W         |      |         |
|        |        | R5423    | D1BB4871A106 | M 4.87 KOHM,F.1/10 W    |      |         |
|        |        | R5441    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R5442    | D1BB1301A195 | M 1.3KOHM,J.1/10W       |      |         |
|        |        | R5443    | D1BB7501A195 | M 7.5 KOHM,F.1/10 W     |      |         |
|        |        | R6726    | D0GA681JA023 | M680 OHM, J,1/16W       |      |         |
|        |        | R6727    | D0GA681JA023 | M680 OHM, J,1/16W       |      |         |
|        |        | R6731    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R6732    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        | ⚠      | R7101    | D0GF105JA048 | M 1M OHM. 1/4W          |      |         |
|        | ⚠      | R7102    | D0GF105JA048 | M 1M OHM. 1/4W          |      |         |
|        | ⚠      | R7103    | D0GF105JA048 | M 1M OHM. 1/4W          |      |         |
|        |        | R7104    | D0B1106JA033 | M 10MOHM J 1W           |      |         |
|        |        | R7201    | ERX1SJR22    | M0.22 OHM, J, 1W        |      |         |
|        |        | R7202    | ERX1SJR22    | M0.22 OHM, J, 1W        |      |         |
|        |        | R7203    | D0GD104JA052 | M 100KOHM,J,1/8W        |      |         |
|        |        | R7204    | D0GD101JA059 | M 100 OHM,J,1/4W        |      |         |
|        |        | R7205    | D0GD101JA052 | M 100 OHM,J,1/8W        |      |         |
|        |        | R7206    | D0GD100JA059 | M 10 OHM,J,1/4W         |      |         |
|        |        | R7207    | D0GD104JA052 | M 100KOHM,J,1/8W        |      |         |
|        |        | R7208    | ERX1SJR22    | M0.22 OHM, J, 1W        |      |         |
|        |        | R7212    | D0GD103JA052 | M 10KOHM,J,1/8W         |      |         |
|        |        | R7219    | D0GD513JA052 | M 51KOHM,J,1/8W         |      |         |
|        |        | R7220    | D0GD223JA052 | M 22KOHM,J,1/8W         |      |         |
|        |        | R7224    | D1BD8203A066 | M 820KOHM,F.1/8W        |      |         |
|        |        | R7225    | ERJ8ENF1504  | M 150KOHM, 1/8W         |      |         |
|        |        | R7226    | ERJ8ENF1504  | M 150KOHM, 1/8W         |      |         |
|        |        | R7227    | ERJ8ENF1504  | M 150KOHM, 1/8W         |      |         |
|        |        | R7228    | ERJ8ENF1504  | M 150KOHM, 1/8W         |      |         |
|        |        | R7229    | D1BD2003A066 | M 200KOHM.F.1/8W        |      |         |
|        |        | R7230    | D1BD4422A066 | M 44.2KOHM,F.1/8W       |      |         |
|        |        | R7231    | D1BD4303A066 | M 430KOHM,F.1/8W        |      |         |
|        |        | R7232    | D1BD3603A066 | M 360KOHM,F.1/8W        |      |         |
|        |        | R7234    | D1BD8203A066 | M 820KOHM,F.1/8W        |      |         |
|        |        | R7302    | D0GD101JA059 | M 100 OHM,J,1/4W        |      |         |
|        |        | R7303    | D0GD101JA059 | M 100 OHM,J,1/4W        |      |         |
|        |        | R7304    | D0AF2R2JA112 | C 2.2 OHM, J,1/2W       |      |         |
|        |        | R7305    | D0AF151JA112 | C 150 OHM, J,1/2W       |      |         |
|        |        | R7306    | D0GD222JA052 | M 2.2KOHM,J,1/8W        |      |         |
|        |        | R7307    | D0GD561JA052 | M 560 OHM,J,1/8W        |      |         |
|        |        | R7308    | D0GD561JA052 | M 560 OHM,J,1/8W        |      |         |
|        |        | R7312    | D0AF222JA112 | C 2.2KOHM, J,1/2W       |      |         |
|        |        | R7314    | D0GD183JA052 | M 18KOHM,J,1/8W         |      |         |
|        |        | R7315    | D0GD222JA052 | M 2.2KOHM,J,1/8W        |      |         |
|        |        | R7317    | D0GD223JA052 | M 22KOHM,J,1/8W         |      |         |
|        |        | R7318    | D0GD473JA052 | M 47KOHM,J,1/8W         |      |         |
|        |        | R7319    | D0GD473JA052 | M 47KOHM,J,1/8W         |      |         |
|        |        | R7320    | D0GD473JA052 | M 47KOHM,J,1/8W         |      |         |
|        |        | R7321    | D0GD100JA059 | M 10 OHM,J,1/4W         |      |         |
|        |        | R7322    | D0GD100JA059 | M 10 OHM,J,1/4W         |      |         |
|        |        | R7323    | D0GD223JA052 | M 22KOHM,J,1/8W         |      |         |
|        |        | R7324    | D0GD223JA052 | M 22KOHM,J,1/8W         |      |         |
|        |        | R7401    | D0GD102JA052 | M 1.0KOHM,J,1/8W        |      |         |
|        |        | R7402    | D0GD102JA052 | M 1.0KOHM,J,1/8W        |      |         |
|        |        | R7403    | D0GD472JA052 | M 4.7KOHM,J,1/8W        |      |         |
|        |        | R7404    | D0GD103JA052 | M 10KOHM,J,1/8W         |      |         |
|        |        | R7405    | D0GD222JA052 | M 2.2KOHM,J,1/8W        |      |         |
|        |        | R7406    | D1BD3321A066 | M 3.32KOHM,F.1/8W       |      |         |

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| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | R7407    | D0GD102JA052 | M 1.0KOHM, J, 1/8W      |      |         |
|        |        | R7408    | D1BD1822A066 | M 18.2KOHM, F. 1/8W     |      |         |
|        |        | R7409    | D0GD473JA052 | M 47KOHM, J, 1/8W       |      |         |
|        |        | R7410    | D0GD153JA052 | M 15KOHM, J, 1/8W       |      |         |
|        |        | R7411    | D0GD104JA052 | M 100KOHM, J, 1/8W      |      |         |
|        |        | R7412    | D0GD153JA052 | M 15KOHM, J, 1/8W       |      |         |
|        |        | R7416    | D0GD103JA052 | M 10KOHM, J, 1/8W       |      |         |
|        |        | R7417    | D0GD103JA052 | M 10KOHM, J, 1/8W       |      |         |
|        |        | R7420    | D0GD473JA052 | M 47KOHM, J, 1/8W       |      |         |
|        |        | R7421    | D0GD224JA052 | M 220KOHM, J, 1/8W      |      |         |
|        |        | R8008    | D0GA331JA023 | M 330 OHM, J, 1/16W     |      |         |
|        |        | R8009    | D0GA1R1JA023 | M 1.10HM, J, 1/16W      |      |         |
|        |        | R8100    | D1BB2001A197 | M 2 KOHM, F. 1/10 W     |      |         |
|        |        | R8101    | D1BB1051A087 | M 1.05 KOHM, F. 1/10 W  |      |         |
|        |        | R8111    | D1BB2001A197 | M 2 KOHM, F. 1/10 W     |      |         |
|        |        | R8112    | D1BB1961A087 | M 1.96 KOHM, F. 1/10 W  |      |         |
|        |        | R8200    | D1BA2400A023 | M 240 OHM, F. 1/16 W    |      |         |
|        |        | R8203    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8204    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8205    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8206    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8207    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8208    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8217    | D0GA221JA023 | M220 OHM, J. 1/16 W     |      |         |
|        |        | R8218    | D0GA221JA023 | M220 OHM, J. 1/16 W     |      |         |
|        |        | R8219    | D1BA2400A023 | M 240 OHM, F. 1/16 W    |      |         |
|        |        | R8220    | D1BA2400A023 | M 240 OHM, F. 1/16 W    |      |         |
|        |        | R8221    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8230    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8231    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8232    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8233    | D1BA2700A023 | M 270 OHM, F. 1/16 W    |      |         |
|        |        | R8234    | D0GA470JA023 | M 47 OHM, J, 1/16W      |      |         |
|        |        | R8235    | D0GA470JA023 | M 47 OHM, J, 1/16W      |      |         |
|        |        | R8236    | D0GA470JA023 | M 47 OHM, J, 1/16W      |      |         |
|        |        | R8237    | D0GA470JA023 | M 47 OHM, J, 1/16W      |      |         |
|        |        | R8238    | D0GA220JA023 | M22 OHM, J. 1/16 W      |      |         |
|        |        | R8240    | D1HY2208A012 | C 220HM, J, 1/16W       |      |         |
|        |        | R8241    | D1HY2204A012 | C 220HM, J, 1/16W       |      |         |
|        |        | R8242    | D1HY2204A012 | C 220HM, J, 1/16W       |      |         |
|        |        | R8243    | D1HY2204A012 | C 220HM, J, 1/16W       |      |         |
|        |        | R8300    | D0GA471JA023 | M 470OHM, J, 1/16W      |      |         |
|        |        | R8301    | D1BA6201A023 | M 6.2 KOHM, F. 1/16 W   |      |         |
|        |        | R8302    | D0GA360JA023 | M 36 OHM, J, 1/16W      |      |         |
|        |        | R8303    | D0GA360JA023 | M 36 OHM, J, 1/16W      |      |         |
|        |        | R8304    | D0GA360JA023 | M 36 OHM, J, 1/16W      |      |         |
|        |        | R8305    | D0GA360JA023 | M 36 OHM, J, 1/16W      |      |         |
|        |        | R8418    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8441    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8450    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8451    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8454    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8455    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8457    | D1BA1822A014 | M 18.2KOHM, F. 1/16 W   |      |         |
|        |        | R8458    | D1BA3742A014 | M 37.4KOHM, F. 1/16 W   |      |         |
|        |        | R8459    | D1BA3742A014 | M 37.4KOHM, F. 1/16 W   |      |         |
|        |        | R8469    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8470    | D0GA103JA023 | M10KOHM, J. 1/16 W      |      |         |
|        |        | R8497    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R8499    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R8500    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R8501    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |

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| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | R8502    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R8503    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R8517    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R8518    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R8601    | D1BA75R0A023 | M 75.0 OHM, F.1/16 W    |      |         |
|        |        | R8602    | D1BA75R0A023 | M 75.0 OHM, F.1/16 W    |      |         |
|        |        | R8603    | D1BA75R0A023 | M 75.0 OHM, F.1/16 W    |      |         |
|        |        | R8604    | D1BA75R0A023 | M 75.0 OHM, F.1/16 W    |      |         |
|        |        | R8611    | D1BA2491A023 | M 2.49KOHM, F, 1/16W    |      |         |
|        |        | R8612    | D0GA472JA023 | M 4.7KOHM, J, 1/16W     |      |         |
|        |        | R8613    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8614    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8616    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8617    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8620    | D0GA472JA023 | M 4.7KOHM, J, 1/16W     |      |         |
|        |        | R8622    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8623    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8624    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8625    | D0GA152JA023 | M 1.5KOHM, J, 1/16W     |      |         |
|        |        | R8626    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8627    | D0GA472JA023 | M 4.7KOHM, J, 1/16W     |      |         |
|        |        | R8629    | D0GA472JA023 | M 4.7KOHM, J, 1/16W     |      |         |
|        |        | R8630    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8631    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8634    | D0GA472JA023 | M 4.7KOHM, J, 1/16W     |      |         |
|        |        | R8635    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8636    | D0GA680JA023 | M 68 OHM, J, 1/16W      |      |         |
|        |        | R8660    | D0GA560JA023 | M 56 OHM, J, 1/16W      |      |         |
|        |        | R8661    | D0GA560JA023 | M 56 OHM, J, 1/16W      |      |         |
|        |        | R8662    | D0GA560JA023 | M 56 OHM, J, 1/16W      |      |         |
|        |        | R8663    | D0GA560JA023 | M 56 OHM, J, 1/16W      |      |         |
|        |        | R8664    | D0GA560JA023 | M 56 OHM, J, 1/16W      |      |         |
|        |        | R8665    | D0GA560JA023 | M 56 OHM, J, 1/16W      |      |         |
|        |        | R8666    | D1HY1038A012 | C 10KOHM, J, 1/16W      |      |         |
|        |        | R8667    | D1HY5604A012 | 56OHM, 1/16W            |      |         |
|        |        | R8668    | D1HY5604A012 | 56OHM, 1/16W            |      |         |
|        |        | R8669    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R8673    | D1BB1200A055 | M 120 OHM, J.1/10W      |      |         |
|        |        | R8674    | D1BB2000A055 | M 200 OHM, J.1/10W      |      |         |
|        |        | R8755    | D0GA104JA023 | M100KOHM, J.1/16 W      |      |         |
|        |        | R8797    | D1BA1200A023 | M 120 OHM, F.1/16 W     |      |         |
|        |        | R8798    | D1BA56R0A023 | M 56 OHM, F.1/16 W      |      |         |
|        |        | R8800    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8801    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8802    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8803    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8817    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8821    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8829    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8850    | D0GA331JA023 | M 330 OHM, J, 1/16W     |      |         |
|        |        | R8851    | D1BB7151A106 | M 7.15 KOHM, F.1/10 W   |      |         |
|        |        | R8852    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R8853    | D0GA182JA023 | M 1.8KOHM, J, 0.063W    |      |         |
|        |        | R8854    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|        |        | R8858    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R8859    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8870    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R8871    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R8872    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R8873    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R8874    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|        |        | R8875    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |

## Model No. : TH-L42ET5R Parts List

| Change | Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|--------|----------|--------------|-------------------------|------|---------|
|        |        | R8876    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R8877    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R8878    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8880    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8881    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8882    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8883    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8885    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R8887    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R8902    | D0GA473JA023 | M 47KOHM, J,1/16W       |      |         |
|        |        | R8904    | D0GA472JA023 | M 4.7KOHM, J,1/16W      |      |         |
|        |        | R8909    | D0GA222JA023 | M 2.2KOHM, J,1/16W      |      |         |
|        |        | R8910    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R8911    | EXB2HV121JV  | 120OHM ,J, 1/16W        |      |         |
|        |        | R9004    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9005    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9006    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9007    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9008    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9009    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9010    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9011    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9012    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9013    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9014    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9015    | D0GA101JA023 | M 100 OHM, J,1/16W      |      |         |
|        |        | R9074    | D0GAR00J0005 | M 0 OHM, 1/16W          |      |         |
|        |        | R9100    | D1BA2400A023 | M 240 OHM,F.1/16 W      |      |         |
|        |        | R9104    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|        |        | R9110    | D0GA182JA023 | M 1.8KOHM, J,0.063W     |      |         |
|        |        | R9112    | D0GA182JA023 | M 1.8KOHM, J,0.063W     |      |         |
|        |        | R9115    | D0GA221JA023 | M220 OHM, J.1/16 W      |      |         |
|        |        | R9121    | D0GD100JA052 | M 10 OHM,J,1/8W         |      |         |
|        |        | R9122    | D0GD100JA052 | M 10 OHM,J,1/8W         |      |         |
|        |        | R9123    | D0GD100JA052 | M 10 OHM,J,1/8W         |      |         |
|        |        | R9124    | D0GD100JA052 | M 10 OHM,J,1/8W         |      |         |
|        |        | R9125    | D0GD100JA052 | M 10 OHM,J,1/8W         |      |         |
|        |        | R9129    | D0GA472JA023 | M 4.7KOHM, J,1/16W      |      |         |
|        |        | R9250    | D1BA1001A023 | M 1 KOHM,F.1/16 W       |      |         |
|        |        | R9251    | D1BA1001A023 | M 1 KOHM,F.1/16 W       |      |         |
|        |        | R9252    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9253    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9254    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9255    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9256    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9257    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9258    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9259    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9260    | D1HY2204A012 | 220HM , 1/16W           |      |         |
|        |        | R9261    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9262    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9263    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9264    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9265    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9266    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9267    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9268    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9269    | D0GA220JA023 | M22 OHM, J.1/16 W       |      |         |
|        |        | R9270    | D1BA49R9A023 | M 49.9 OHM,J.1/16 W     |      |         |
|        |        | R9271    | D1BA49R9A023 | M 49.9 OHM,J.1/16 W     |      |         |
|        |        | R9300    | D1BA2202A023 | M 22KOHM,F. 1/16 W      |      |         |
|        |        | R9301    | D1BA2202A023 | M 22KOHM,F. 1/16 W      |      |         |

## Model No. : TH-L42ET5R Parts List

| Change       | Safety                                                                              | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------------|-------------------------------------------------------------------------------------|----------|--------------|-------------------------|------|---------|
|              |                                                                                     | R9302    | D0GA223JA023 | M 22K OHM J 1/16W       |      |         |
|              |                                                                                     | R9307    | D1BB2001A197 | M 2 KOHM, F.1/10 W      |      |         |
|              |                                                                                     | R9309    | D1BB2001A197 | M 2 KOHM, F.1/10 W      |      |         |
|              |                                                                                     | R9311    | D1BB6800A087 | M 680 OHM, J.1/10W      |      |         |
|              |                                                                                     | R9312    | D1BB2801A087 | M 2.8 KOHM, F.1/10 W    |      |         |
|              |                                                                                     | R9350    | D0GA222JA023 | M 2.2KOHM, J, 1/16W     |      |         |
|              |                                                                                     | R9351    | D1HY2204A012 | C 220HM, J, 1/16W       |      |         |
|              |                                                                                     | R9352    | D0GA333JA023 | M 33KOHM, J, 1/16W      |      |         |
|              |                                                                                     | R9353    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|              |                                                                                     | R9354    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|              |                                                                                     | R9356    | D0GA473JA023 | M 47KOHM, J, 1/16W      |      |         |
|              |                                                                                     | R9357    | D0GA472JA023 | M 4.7KOHM, J, 1/16W     |      |         |
|              |                                                                                     | R9359    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|              |                                                                                     | R9360    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|              |                                                                                     | R9361    | D0GA102JA023 | M1KOHM, J.1/16 W        |      |         |
|              |                                                                                     | R9363    | D0GA151JA023 | M 150 OHM, J, 1/16W     |      |         |
|              |                                                                                     | R9364    | D0GA151JA023 | M 150 OHM, J, 1/16W     |      |         |
|              |                                                                                     | R9365    | D0GA151JA023 | M 150 OHM, J, 1/16W     |      |         |
|              |                                                                                     | R9371    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
|              |                                                                                     | R9372    | D0GA103JA023 | M10KOHM, J.1/16 W       |      |         |
| TRANSFORMERS |                                                                                     |          |              |                         |      |         |
|              |    | T7202    | G4DYA0000368 | INDUCTOR                |      |         |
|              |    | T7301    | G4DYA0000372 | TRANSFORMER             |      |         |
|              |    | T8600    | G5BYC0000040 | TRANSFORMER             |      |         |
| OTHERS       |                                                                                     |          |              |                         |      |         |
|              |                                                                                     | A02      | K1KY16BA0394 | CONNECTOR               |      |         |
|              |                                                                                     | A10      | K1KA10B00218 | CONNECTOR               |      |         |
|              |                                                                                     | A12      | K1KY04BA0387 | CONNECTOR               |      |         |
|              |                                                                                     | CF7101   | D4CA94R0A001 | TERMISTOR               |      |         |
|              |                                                                                     | CF7102   | D4CA94R0A001 | TERMISTOR               |      |         |
|              |                                                                                     | CN0100   | K1KA14A00248 | CONNECTOR               |      |         |
|              |                                                                                     | CN8660   | K1NA12E00016 | CONNECTOR               |      |         |
|              |                                                                                     | D2800A   | B3AGB0000060 | LED                     |      |         |
|              |  | F7101    | K5E502YY0001 | FUSE                    |      |         |
|              |                                                                                     | FL9056   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9057   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9058   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9059   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9060   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9061   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9068   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9069   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9070   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9071   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9072   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | FL9073   | J0ZZB0000147 | COIL                    |      |         |
|              |                                                                                     | GK4      | K1KA03BA0061 | CONNECTOR               |      |         |
|              |                                                                                     | J218     | D0AF2R2JA161 | RESISTOR                |      |         |
|              |                                                                                     | JK3001   | K2HE2YYB0001 | AV TERMINAL             |      |         |
|              |                                                                                     | JK3005   | K1FY315B0002 | AV TERMINAL             |      |         |
|              |                                                                                     | JK3008   | K2HE2YYB0002 | AV TERMINAL             |      |         |
|              |                                                                                     | JK3051   | K2HC1YYB0079 | AV TERMINAL             |      |         |
|              |                                                                                     | JK4700A  | K1FY119E0050 | AV TERMINAL             |      |         |
|              |                                                                                     | JK4701   | K1FY119E0049 | CONNECTOR               |      |         |
|              |                                                                                     | JK4702   | K1FY119E0049 | CONNECTOR               |      |         |
|              |                                                                                     | JK4703A  | K1FY119E0050 | AV TERMINAL             |      |         |
|              |                                                                                     | JK7101   | K2AAYB000009 | AV TERMINAL             |      |         |
|              |                                                                                     | JK8450   | K1FY104B0081 | AV TERMINAL             |      |         |
|              |                                                                                     | JK8451   | K1FY104B0081 | AV TERMINAL             |      |         |
|              |                                                                                     | JK8452   | K1FY104B0081 | AV TERMINAL             |      |         |
|              |                                                                                     | JK8600   | K2LC1YYE0003 | AV TERMINAL             |      |         |
|              |                                                                                     | JS0053   | D0GAR00J0005 | CHIP RESISTOR           |      |         |

## Model No. : TH-L42ET5R Parts List

| Change | Safety                                                                            | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|-----------------------------------------------------------------------------------|----------|--------------|-------------------------|------|---------|
|        |                                                                                   | JS0057   | D0GAR00J0005 | CHIP RESISTOR           |      |         |
|        |                                                                                   | K10      | K1KA07A00292 | CONNECTOR               |      |         |
|        |  | LF7103   | G0B153G00003 | LINE FILTER             |      |         |
|        |  | LF7104   | G0B153G00003 | LINE FILTER             |      |         |
|        |  | LF7105   | G0B350HA0036 | LINE FILTER             |      |         |
|        |                                                                                   | P2       | K1KY15BA0386 | CONNECTOR               |      |         |
|        |                                                                                   | P4       | K1KA12BA0062 | CONNECTOR               |      |         |
|        |  | PA7401   | K5H502YA0063 | FUSE                    |      |         |
|        |  | PA7402   | K5H502YA0063 | FUSE                    |      |         |
|        |  | PA7406   | K5H502200003 | FUSE                    |      |         |
|        |                                                                                   | PC7301   | B3PAA0000629 | PHOTO COUPLER           |      |         |
|        |                                                                                   | PC7302   | B3PAA0000629 | PHOTO COUPLER           |      |         |
|        |                                                                                   | PC7303   | B3PAA0000629 | PHOTO COUPLER           |      |         |
|        |                                                                                   | RM2800   | PNJ4815M01TV | REMOCON SENSOR          |      |         |
|        |                                                                                   | SN2800   | B3JB00000116 | PHOTO DETECTOR          |      |         |
|        |                                                                                   | SW2851   | EVQ11G05R    | SWITCH                  |      |         |
|        |                                                                                   | SW2852   | EVQ11G05R    | SWITCH                  |      |         |
|        |                                                                                   | SW2853   | EVQ11G05R    | SWITCH                  |      |         |
|        |                                                                                   | SW2854   | EVQ11G05R    | SWITCH                  |      |         |
|        |                                                                                   | SW2855   | EVQ11G05R    | SWITCH                  |      |         |
|        |                                                                                   | SW2857   | EVQ11G05R    | SWITCH                  |      |         |
|        |                                                                                   | TC01A    | K1MY51BA0526 | CONNECTOR               |      |         |
|        |                                                                                   | TC02A    | K1MY41BA0526 | CONNECTOR               |      |         |
|        |  | TU6705   | ENVS9302D5F  | TUNER                   |      |         |
|        |                                                                                   | X8300    | H0J245500110 | CRYSTAL RESONATOR       |      |         |
|        |                                                                                   | X8600    | H0J250500120 | CRYSTAL OSCILLATOR      |      |         |
|        |                                                                                   | X9100    | H0J270500166 | CRYSTAL RESONATOR       |      |         |
|        |                                                                                   | ZA0050   | K4AD01D00008 | TERMINAL                |      |         |
|        |                                                                                   | ZA0051   | K4AD01D00008 | TERMINAL                |      |         |
|        |                                                                                   | ZA0052   | K4AD01D00008 | TERMINAL                |      |         |
|        |                                                                                   | ZA7101   | K4AD01A00003 | TERMINAL                |      |         |
|        |                                                                                   | ZA7103   | K4AD01A00003 | TERMINAL                |      |         |

## Model No. : TH-L42ET5R Parts List

| Change                           | Safety                                                                              | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|----------------------------------|-------------------------------------------------------------------------------------|----------|--------------|-------------------------|------|---------|
| Exploded View                    |                                                                                     |          |              |                         |      |         |
|                                  |    | 1        | K2CQ2YY00107 | AC CORD                 |      |         |
|                                  |    |          | K2KYYYY00204 | AV CABLE COMPONENT      |      |         |
|                                  |    |          | K2KYYYY00205 | AV CBVS CABLE           |      |         |
|                                  |                                                                                     |          | L0EYAA000006 | SPEAKER                 |      |         |
|                                  |                                                                                     |          | L0EYAA000007 | SPEAKER                 |      |         |
|                                  |    | 2        | L5EDDYY00366 | LCD PANEL               |      |         |
|                                  |                                                                                     | 3        | N2QAYB000585 | REMOTE TRANSFORMER      |      |         |
|                                  |                                                                                     | 4        | TBL5ZX03731  | STAND ACESSORIES ASSY   |      |         |
|                                  |                                                                                     | 5        | TBL5ZX04161  | PEDESTAL ASSY           |      |         |
|                                  |    |          | TBM4GC8651   | MODEL NAME PLATE        |      |         |
|                                  |                                                                                     |          | TBX5ZA00601  | KEY BUTTON              |      |         |
|                                  |                                                                                     |          | THEC1509     | SCREW                   |      |         |
|                                  |                                                                                     |          | THEJ024      | SCREW                   |      |         |
|                                  |                                                                                     |          | THEJ036J     | SCREW                   |      |         |
|                                  |                                                                                     |          | THTD030J     | SCREW                   |      |         |
|                                  |                                                                                     |          | TKKL5521     | M6 CAP                  |      |         |
|                                  |                                                                                     | 6        | TKP5ZA13801A | BOTTOM COVER            |      |         |
|                                  |                                                                                     | 7        | TKX5ZA02501  | SPEAKER BRACKET         |      |         |
|                                  |                                                                                     | 8        | TPD4GA03641A | TOP CUSHION             |      |         |
|                                  |                                                                                     | 9        | TPD4GA03661A | TOP CENTER CUSHION      |      |         |
|                                  |                                                                                     | 10       | TPD4GA03671  | BOTTOM CENTER CUSHION   |      |         |
|                                  |                                                                                     | 11       | TPE4GH073    | SET COVER               |      |         |
|                                  |                                                                                     | 12       | TQZ4GB587    | FAN BAG ASSY            |      |         |
|                                  |    |          | TSCFF0030003 | LVDS FFC (51 PIN)       |      |         |
|                                  |    |          | TSCFF0030004 | LVDS FFC ( 41 PIN)      |      |         |
|                                  |                                                                                     | 13       | TTU4GA0761   | BACK COVER ASSY         |      |         |
|                                  |                                                                                     | 14       | TTY4GA0271   | CABINET ASSY            |      |         |
|                                  |                                                                                     | 15       | TXFKK5Z0003  | LED PANEL ASSY          |      |         |
|                                  |                                                                                     |          | TXFKK5Z0006  | LED BRACKET ASSY        |      |         |
|                                  |                                                                                     | 16       | TXFPC01RRUR  | PACKING CASE ASSY       |      |         |
|                                  |                                                                                     | 17       | TXFPD02SZUJ  | CUSHION BOTTOM ASSY     |      |         |
|                                  |                                                                                     |          | XSS5+16FJK   | SCREW                   |      |         |
|                                  |                                                                                     |          | XTV3+10JFJ   | SCREW                   |      |         |
|                                  |                                                                                     |          | XTW3+8TFJ    | SCREW                   |      |         |
|                                  |                                                                                     |          | XYN3+C6FJ    | SCREW                   |      |         |
|                                  |                                                                                     |          | XYN4+F25FJK  | SCREW                   |      |         |
| Electrical Replacement Part List |                                                                                     |          |              |                         |      |         |
|                                  |  | RTL      | TXN/K1PWUA   | K PRINT                 |      |         |
|                                  |  | RTL      | TZRNP11RHUR  | P PRINT                 |      |         |
|                                  |  | RTL      | TZRNP12PWUA  | GK PRINT                |      |         |
|                                  |  | RTL      | TZT/A10RRUR  | A PRINT ASSY            |      |         |