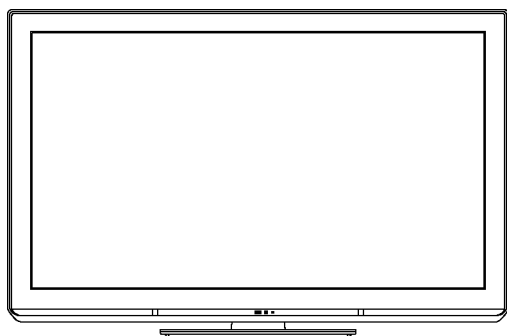


# Service Manual

Plasma Television



Model No. **TH-P42U30D**  
**TH-P42U30G**  
**TH-P42U30K**  
**TH-P42U30M**  
**TH-P42U30P**  
**TH-P42U30S**  
**TH-P42U30T**  
**TH-P42U30V**

GPF14D-A Chassis

## **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 conducting repairs and servicing, do not attempt to modify the equipment, its parts or its materials.
2. 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.
3. When conducting repairs and servicing, do not twist the Fasten connectors but plug them straight in or unplug them straight out.
4. 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.
5. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
6. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

## 1.2. Touch-Current Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reserve the AC plug in the AC outlet and repeat each of the above measure.
6. The potential at any point (TOUCH CURRENT) expressed as voltage  $U_1$  and  $U_2$ , does not exceed the following values:

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

For d. c.:  $U_1 = 1.0 \text{ V}$ ,

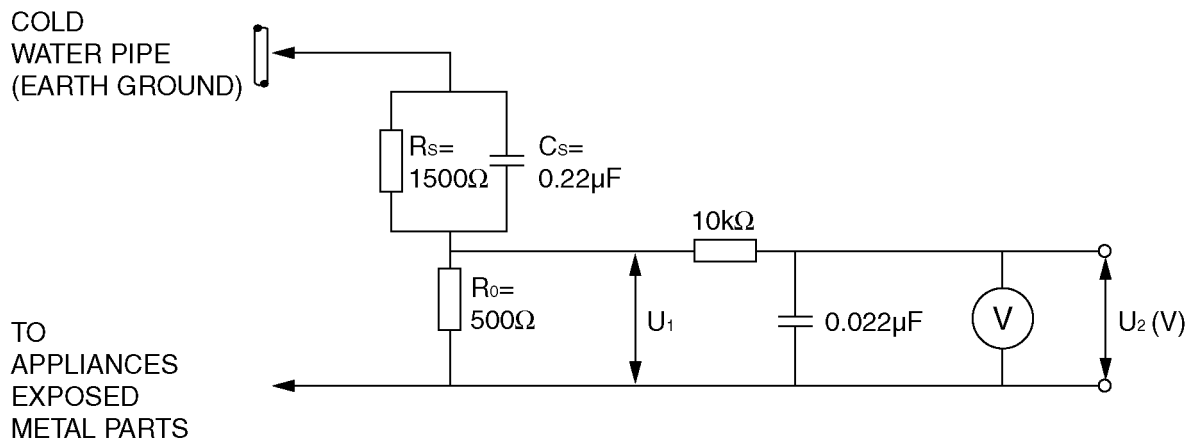
**Note:**

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

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

7. In case a measurement is out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

### Measuring network for TOUCH CURRENTS



Resistance values in ohms ( $\Omega$ )

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

Input resistance:  $\geq 1 \text{ M}\Omega$

Input capacitance:  $\leq 200 \text{ pF}$

Frequency range:  $15 \text{ Hz}$  to  $1 \text{ MHz}$  and d.c. respectively

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

Figure 1

## 2 Warning

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

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

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

#### **Caution**

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

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

## 2.2. About lead free solder (PbF)

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

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

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

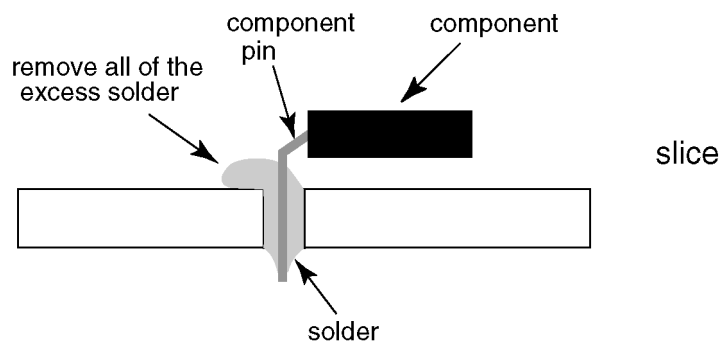
That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

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

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

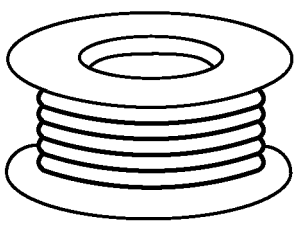
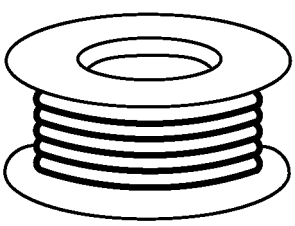
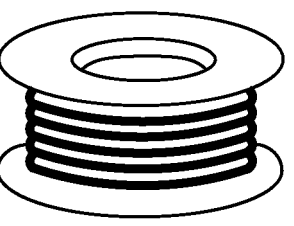
### Caution

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



### Suggested Pb free solder

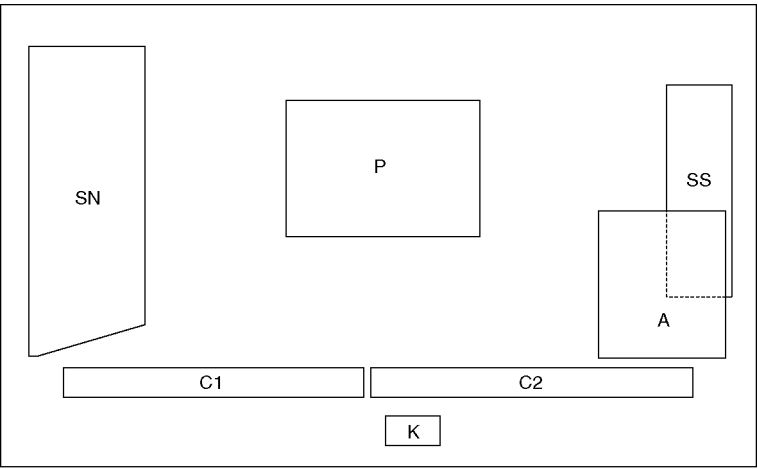
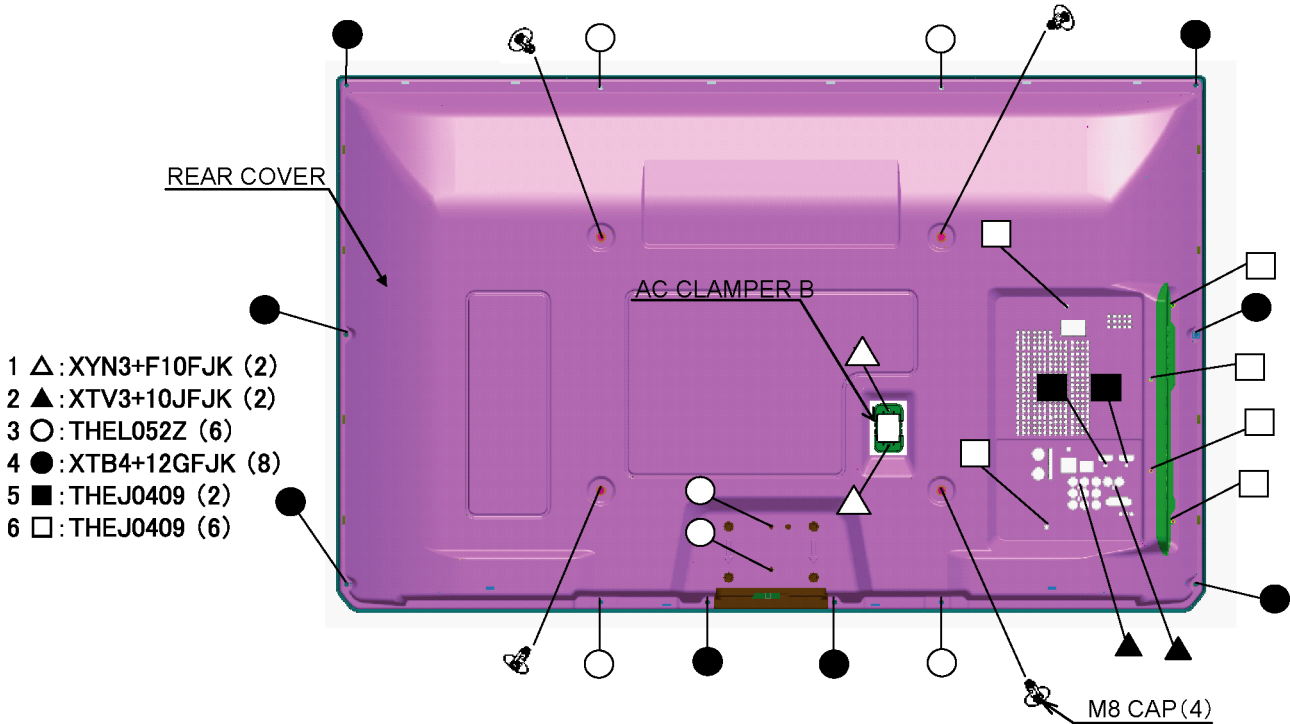
There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

| 0.3mm X 100g                                                                        | 0.6mm X 100g                                                                        | 1.0mm X 100g                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |

# 3 Service Navigation

## 3.1. PCB Layout

Remove the Rear cover



| Board Name | Function                                    | Board Name | Function                  |
|------------|---------------------------------------------|------------|---------------------------|
| P          | Power Supply                                | C1         | Data Driver (Lower Right) |
|            | Non serviceable                             | C2         | Data Driver (Lower Left)  |
|            | P-Board should be exchange for service      | SN         | Scan Drive                |
| A          | Main AV input, processing                   | SS         | Sustain Drive             |
| K          | Remote receiver, Power LED, C.A.T.S. sensor |            |                           |

## 3.2. Applicable signals

COMPONENT (Y, P<sub>B</sub>/C<sub>B</sub>, P<sub>R</sub>/C<sub>R</sub>), HDMI

\* Mark: Applicable input signal

| Signal name         | COMPONENT | HDMI |
|---------------------|-----------|------|
| 525 (480) / 60i     | *         | *    |
| 525 (480) / 60p     | *         | *    |
| 625 (576) / 50i     | *         | *    |
| 625 (576) / 50p     | *         | *    |
| 750 (720) / 60p     | *         | *    |
| 750 (720) / 50p     | *         | *    |
| 1,125 (1,080) / 60i | *         | *    |
| 1,125 (1,080) / 50i | *         | *    |
| 1,125 (1,080) / 60p |           | *    |
| 1,125 (1,080) / 50p |           | *    |
| 1,125 (1,080) / 24p |           | *    |

### PC (from D-sub 15P)

Applicable input signal for PC is basically compatible to VESA standard timing.

| Signal name                | Horizontal frequency (kHz) | Vertical frequency (Hz) |
|----------------------------|----------------------------|-------------------------|
| 640 × 400 @70 Hz           | 31.47                      | 70.07                   |
| 640 × 480 @60 Hz           | 31.47                      | 59.94                   |
| 640 × 480 @75 Hz           | 37.50                      | 75.00                   |
| 800 × 600 @60 Hz           | 37.88                      | 60.32                   |
| 800 × 600 @75 Hz           | 46.88                      | 75.00                   |
| 800 × 600 @85 Hz           | 53.67                      | 85.06                   |
| 852 × 480 @60 Hz           | 31.44                      | 59.89                   |
| 1,024 × 768 @60 Hz         | 48.36                      | 60.00                   |
| 1,024 × 768 @70 Hz         | 56.48                      | 70.07                   |
| 1,024 × 768 @75 Hz         | 60.02                      | 75.03                   |
| 1,024 × 768 @85 Hz         | 68.68                      | 85.00                   |
| 1,280 × 1,024 @60 Hz       | 63.98                      | 60.02                   |
| 1,280 × 768 @60 Hz         | 47.70                      | 60.00                   |
| 1,366 × 768 @60 Hz         | 48.39                      | 60.04                   |
| Macintosh13" (640 × 480)   | 35.00                      | 66.67                   |
| Macintosh16" (832 × 624)   | 49.73                      | 74.55                   |
| Macintosh21" (1,152 × 870) | 68.68                      | 75.06                   |

### PC (from HDMI terminal)

Applicable input signal for PC is basically compatible to HDMI standard timing.

| Signal name         | Horizontal frequency (kHz) | Vertical frequency (Hz) |
|---------------------|----------------------------|-------------------------|
| 640 × 480 @60 Hz    | 31.47                      | 60.00                   |
| 750 (720) / 60p     | 45.00                      | 60.00                   |
| 1,125 (1,080) / 60p | 67.50                      | 60.00                   |

### Note

- Signals other than above may not be displayed properly.
- The above signals are reformatted for optimal viewing on your display.
- PC signal is magnified or compressed for display, so that it may not be possible to show fine detail with sufficient clarity.

## 4 Specifications

|                            |                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Power Source</b>        | AC 220 - 240 V, 50 / 60 Hz (Except P)<br>AC 110 - 240 V, 50 / 60 Hz (P)                                                                      |
| <b>Power</b>               |                                                                                                                                              |
| <b>Power Rating</b>        | 275 W                                                                                                                                        |
| <b>Standby condition</b>   | 0.4 W                                                                                                                                        |
| <b>Display panel</b>       |                                                                                                                                              |
| <b>Aspect Ratio</b>        | 16:9                                                                                                                                         |
| <b>Visible screen size</b> | 106 cm (diagonal)<br>921 mm (W) × 518 mm (H)                                                                                                 |
| <b>Number of pixels</b>    | 2,073,600 (1,920 (W) × 1,080 (H)) [5,760 × 1,080 dots]                                                                                       |
| <b>Sound</b>               |                                                                                                                                              |
| <b>Speaker</b>             | 160 mm × 40 mm × 2, 6 Ω                                                                                                                      |
| <b>Audio Output</b>        | 20 W ( 10 W + 10 W )                                                                                                                         |
| <b>Headphones</b>          | M3 (3.5 mm) stereo mini Jack × 1                                                                                                             |
| <b>PC signals</b>          | VGA, SVGA, WVGA, XGA<br>SXGA, WXGA ..... (compressed)<br>Horizontal scanning frequency 31 - 69 kHz<br>Vertical scanning frequency 59 - 86 Hz |

### Receiving Systems / Band name

| 17 Systems                                                                          |                            | Function                                                                             | 17 Systems |                   | Function                                                    |
|-------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|------------|-------------------|-------------------------------------------------------------|
| 1                                                                                   | PAL B, G, H                | Reception of broadcast transmissions and Playback from Video Cassette Tape Recorders | 8          | NTSC 4.43/5.5 MHz | Playback from Special VCR's or DVD                          |
| 2                                                                                   | PAL I                      |                                                                                      | 9          | NTSC 4.43/6.0 MHz |                                                             |
| 3                                                                                   | PAL D, K                   |                                                                                      | 10         | NTSC 4.43/6.5 MHz |                                                             |
| 4                                                                                   | SECAM B, G                 |                                                                                      | 11         | NTSC 3.58/5.5 MHz |                                                             |
| 5                                                                                   | SECAM D, K                 |                                                                                      | 12         | NTSC 3.58/6.0 MHz |                                                             |
| 6                                                                                   | SECAM K1                   |                                                                                      | 13         | NTSC 3.58/6.5 MHz |                                                             |
| 7                                                                                   | NTSC M (NTSC 3.58/4.5 MHz) |                                                                                      | 14         | SECAM I           |                                                             |
| Digital TV (G/S only) : 7 MHz VHF / 8 MHz UHF<br>free-to-air TV broadcast reception |                            |                                                                                      | 15         | PAL 60 Hz/5.5 MHz | Playback from Special Disc Players and Special VCR's or DVD |
|                                                                                     |                            |                                                                                      | 16         | PAL 60 Hz/6.0 MHz |                                                             |
|                                                                                     |                            |                                                                                      | 17         | PAL 60 Hz/6.5 MHz |                                                             |

### Receiving Channels (Analogue TV)

#### VHF BAND

|                        |                    |
|------------------------|--------------------|
| 2-12 (PAL/SECAM B, K1) | 0-12 (PAL B AUST.) |
| 1-9 (PAL B N.Z.)       | 1-12 (PAL/SECAM D) |
| 1-12 (NTSC M Japan)    | 2-13 (NTSC M USA)  |

#### UHF BAND

|                                    |                    |
|------------------------------------|--------------------|
| 21-69 (PAL G, H, I/SECAM G, K, K1) |                    |
| 28-69 (PAL B AUST.)                | 13-57 (PAL D, K)   |
| 13-62 (NTSC M Japan)               | 14-69 (NTSC M USA) |

#### CATV

|                 |                  |
|-----------------|------------------|
| S1-S20 (OSCAR)  | 1-125 (USA CATV) |
| C13-C49 (JAPAN) | S21-S41 (HYPER)  |
| Z1-Z37 (CHINA)  | 5A, 9A (AUST.)   |

#### VHF / UHF

### Aerial - Rear

### Operating Conditions

|              |                                 |
|--------------|---------------------------------|
| Temperature: | 0 °C - 40 °C                    |
| Humidity:    | 20 % - 80 % RH (non-condensing) |

### Connection Terminals

#### AV1 Input

|                    |                                                                 |                                         |
|--------------------|-----------------------------------------------------------------|-----------------------------------------|
| <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>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]                          |

#### AV2 Input

|                    |                  |                    |
|--------------------|------------------|--------------------|
| <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) |

#### AV3 Input

|                    |                  |                    |
|--------------------|------------------|--------------------|
| <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) |

#### Audio Output

|                    |                  |                              |
|--------------------|------------------|------------------------------|
| <b>AUDIO L - R</b> | RCA PIN Type × 2 | 0.5 V [rms] (high impedance) |
|--------------------|------------------|------------------------------|

#### Others

|                          |                                  |                                                                                        |
|--------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| <b>HDMI1 - 3 Input</b>   | TYPE A Connectors                | • This TV supports "HDAVI control 5" function.                                         |
| <b>PC Input</b>          | HIGH-DENSITY D-SUB 15PIN         | R / G / B: 0.7 V [p-p] (75 Ω)<br>HD / VD: TTL Level 2.0 - 5.0 V [p-p] (high impedance) |
| <b>DIGITAL AUDIO OUT</b> | PCM / Dolby Digital, Fiber optic |                                                                                        |
| <b>Card slot</b>         | SD Card slot × 1                 |                                                                                        |
| <b>USB 1/2</b>           | USB 2.0 TYPE A Connectors        | DC 5 V, Max. 500 mA                                                                    |

**ETHERNET****Dimensions (W × H × D)**

10BASE-T / 100BASE-TX

1,023 mm × 671 mm × 288 mm (With Pedestal)

1,023 mm × 637 mm × 93 mm (TV only)

**Mass**

26.0 kg Net (With Pedestal)

23.0 kg Net (TV only)

**Note**

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

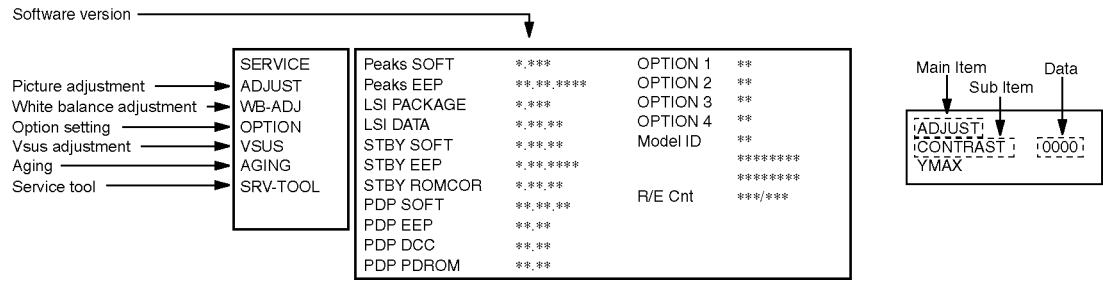
# 5 Service Mode

## 5.1. How to enter into Service Mode

### 5.1.1. Purpose

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

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



### 5.1.2. Key command

- [1] button...Main items Selection in forward direction
- [2] button...Main items Selection in reverse direction
- [3] button...Sub items Selection in forward direction
- [4] button...Sub items Selection in reverse direction
- [RED] button...All Sub items Selection in reverse direction
- [GREEN] button...All Sub items Selection in forward direction
- [VOL] button...Value of sub items change in forward direction ( + ), in reverse direction ( - )

### 5.1.3. How to exit

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

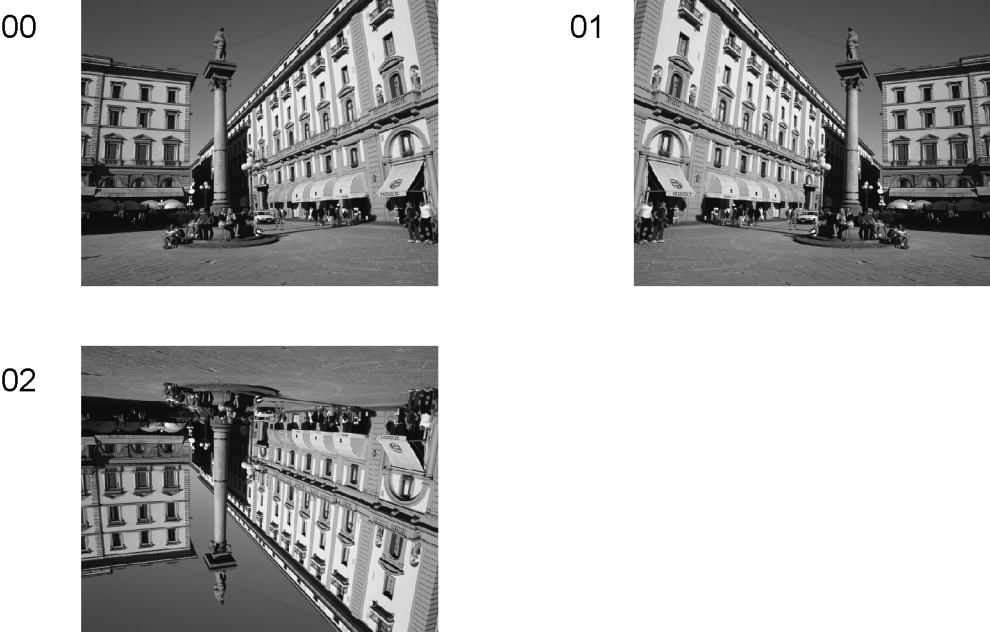
#### 5.1.4. Contents of adjustment mode

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

| Main item | Sub item                          | Sample Data            | Remark                                   |
|-----------|-----------------------------------|------------------------|------------------------------------------|
| ADJUST    | CONTRAST                          | 229                    |                                          |
|           | COLOR                             | 36                     |                                          |
|           | TINT                              | 00                     |                                          |
|           | SUB-BRT                           | 800                    |                                          |
|           | H-POS                             | 0                      |                                          |
|           | H-AMP                             | 0                      |                                          |
|           | V-POS                             | 0                      |                                          |
|           | V-AMP                             | 0                      |                                          |
| WB-ADJ    | R-CUT                             | 80                     |                                          |
|           | G-CUT                             | 80                     |                                          |
|           | B-CUT                             | 80                     |                                          |
|           | R-DRV                             | D1                     |                                          |
|           | G-DRV                             | FF                     |                                          |
|           | B-DRV                             | C4                     |                                          |
|           | ALL-CUT                           | 80                     |                                          |
|           | ALL-DRV                           | FF                     |                                          |
| OPTION    | Panel-Type                        | 42FHD                  | Factory Preset                           |
|           | Boot                              | ROM                    |                                          |
|           | STBY-SET                          | 00                     |                                          |
|           | EMERGENCY                         | ON                     |                                          |
|           | Y/C Delay                         | 0                      |                                          |
|           | OPT 1                             | 10010000               |                                          |
|           | OPT 2                             | 11100110               |                                          |
|           | OPT 3                             | 00001001               |                                          |
|           | OPT 4                             | 00000000               |                                          |
|           | EDID-CLK                          | MID                    |                                          |
|           | MIRROR                            | 00 (See Option-Mirror) |                                          |
|           | AMR-SELECT                        | OFF                    |                                          |
| VSUS      |                                   | HIGH                   | See Vsus selection                       |
| AGING     | ALL WHITE                         |                        | Built-in test patterns can be displayed. |
|           | ALL BLUE WITH WHITE OUTSIDE FRAME |                        |                                          |
|           | ALL GREEN                         |                        |                                          |
|           | ALL RED                           |                        |                                          |
|           | LOW STEP WHITE                    |                        |                                          |
|           | LOW STEP BLUE                     |                        |                                          |
|           | LOW STEP GREEN                    |                        |                                          |
|           | LOW STEP RED                      |                        |                                          |
|           | WHITE DIAGONAL STRIPE             |                        |                                          |
|           | RED DIAGONAL STRIPE               |                        |                                          |
|           | GREEN DIAGONAL STRIPE             |                        |                                          |
|           | BLUE DIAGONAL STRIPE              |                        |                                          |
|           | A-ZONE & B-ZONE                   |                        |                                          |
|           | 1% WINDOW                         |                        |                                          |
|           | COLOR BAR                         |                        |                                          |
|           | 9 POINTS BRIGHT MEASURE           |                        |                                          |
|           | 2 DOT OUTSIDE FRAME               |                        |                                          |
|           | ALL BLUE                          |                        |                                          |
|           | DOUBLE FIXED 1% WINDOW            |                        |                                          |
|           | VERTICAL LINE SCROLL              |                        |                                          |
|           | ON/OFF OR WHITE                   |                        |                                          |
|           | R/G/B/W ROTATION                  |                        |                                          |
|           | HALF FIXED ALL WHITE              |                        |                                          |
|           | ALL WHITE WITH COUNT DISPLAY      |                        |                                          |
| SRV-TOOL  |                                   | 00                     | See Service tool mode                    |

5.2. Option - Mirror

Picture can be reversed left and right or up and down.  
00 : Default (Normal picture is displayed)  
01 : Picture is reversed left and right.  
02 : Picture is reversed up and down.



Hint : If the defective symptom (e.g. Vertical bar or Horizontal bar) is moved by selection of this mirror, the possible cause is in A-board.

5.3. Service tool mode

5.3.1. 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:00750004           |                                                                                       |
| Display of Flash ROM maker code → | Flash ROM : AD - F1             |                                                                                       |
| Display of SOS History →          | PTCT : 00 . 00 . 00 . 00 . 00 . | Time 00000:40      Count 0000022 ← POWER ON TIME/COUNT<br>Press [MUTE] button (3 sec) |
|                                   |                                 |                                                                                       |

5.3.2. 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 will be cleared by [Self-check indication and forced to factory shipment setting].

5.3.3. POWER ON Time, COUNT

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

5.3.4. Exit

- 1. Disconnect the AC cord from wall outlet or switch off the power with [ Power ] button on the main unit.

## 5.4. Hotel mode

### 1. Purpose

Restrict a function for hotels.

### 2. Access command to the Hotel mode setup menu

In order to display the Hotel mode setup menu:

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

Then, the Hotel mode setup menu is displayed.

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

Select


 EXIT  
 Change  
 RETURN

### 3. To exit the Hotel mode setup menu

Disconnect AC power cord from wall outlet.

### 4. Explain the Hotel mode setup menu

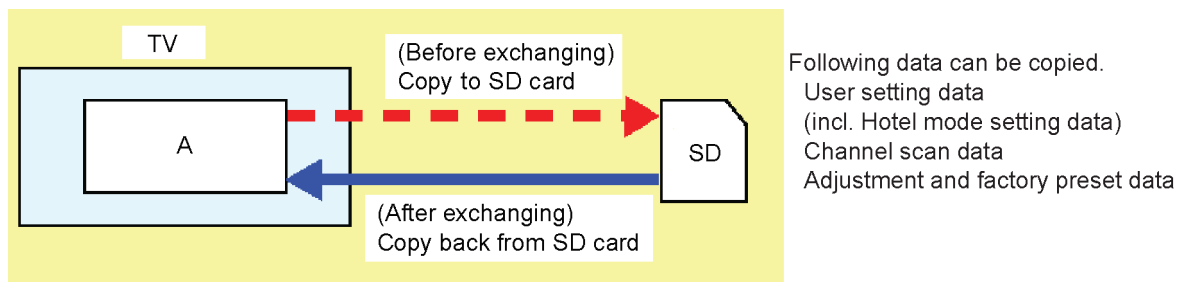
| Item                | Function                                                                                                                                                                                                                                                                           |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hotel Mode          | Select hotel mode On/Off                                                                                                                                                                                                                                                           |
| Initial INPUT       | Select input signal modes.<br>Set the input, when each time power is switched on.<br>Selection :<br>Off/TV/AV1/AV2/AV3/PC/HDMI1/HDMI2/HDMI3<br>• Off: give priority to a last memory.                                                                                              |
| Initial POS         | Select programme number.<br>Selection :<br>Off/0 to 99<br>• Off: give priority to a last memory                                                                                                                                                                                    |
| Initial VOL Level   | Adjust the volume when each time power is switched on.<br>Selection/Range :<br>Off/0 to 100<br>• Off: give priority to a last memory                                                                                                                                               |
| Maximum VOL Level   | Adjust maximum volume.<br>Range :<br>0 to 100                                                                                                                                                                                                                                      |
| Button Lock         | Select local key conditions.<br>Selection :<br>Off/SETUP/MENU/ALL<br>• Off: altogether valid<br>• SETUP: only F-key is invalid<br>(Tuning guide (menu) can not be selected.)<br>• MENU: only F-key is invalid<br>(only Volume/Mute can be selected.)<br>• ALL: altogether invalid. |
| Remote Lock         | Select remote control key conditions.<br>Selection :<br>Off/SETUP/MENU<br>• Off: altogether valid<br>• SETUP: only Setup menu is invalid<br>• MENU: Picture/Sound/Setup menu are invalid                                                                                           |
| Private Information | Select private information for VIERA Cast is Keep or Reset if Hotel mode is set to [On] when TV power on.<br>Selection :<br>Keep/Reset<br>• Keep: private information for VIERA Cast is keep<br>• Reset: private information for VIERA Cast is reset                               |

## 5.5. Data Copy by SD Card

### 5.5.1. Purpose

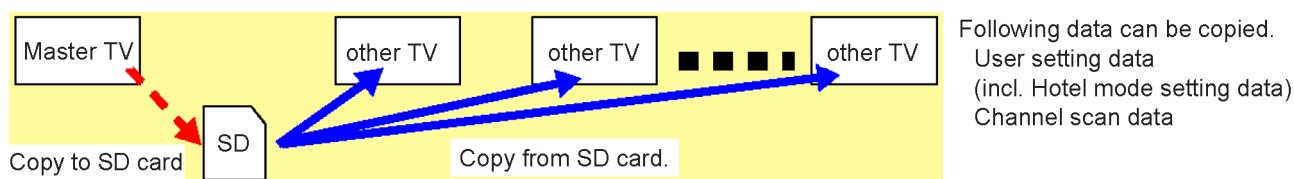
#### (a) Board replacement (Copy the data when exchanging A-board):

When exchanging A-board, the data in original A-board can be copied to SD card and then copy to new A-board.



#### (b) Hotel (Copy the data when installing a number of units in hotel or any facility):

When installing a number of units in hotel or any facility, the data in master TV can be copied to SD card and then copy to other TVs.



### 5.5.2. Preparation

Make pwd file as startup file for (a) or (b) in a empty SD card.

1. Insert a empty SD card to your PC.
2. Right-click a blank area in a SD card window, point to New, and then click text document. A new file is created by default (New Text Document.txt).
3. Right-click the new text document that you just created and select rename, and then change the name and extension of the file to the following file name for (a) or (b) and press ENTER.

#### File name:

(a) For Board replacement : boardreplace.pwd

(b) For Hotel : hotel.pwd

#### Note:

Please make only one file to prevent the operation error.

No any other file should not be in SD card.

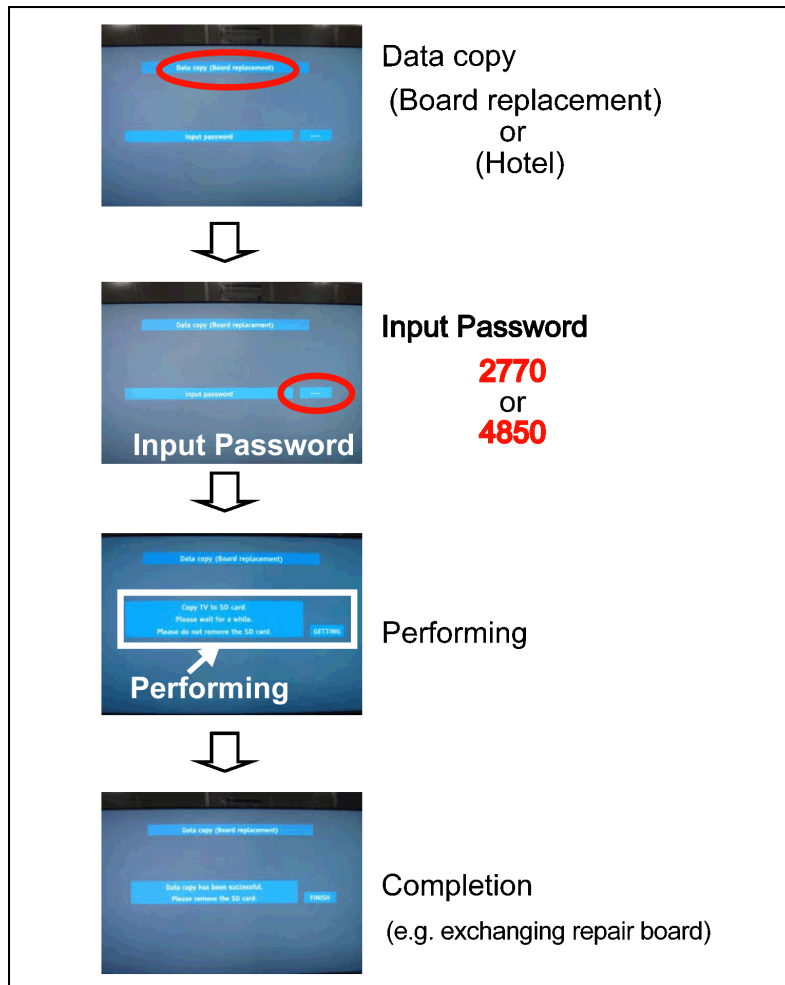
### 5.5.3. Data copy from TV set to SD Card

1. Turn on the TV set.
2. Insert SD card with a startup file (pwd file) to SD slot.  
On-screen Display will be appeared according to the startup file automatically.
3. Input a following password for (a) or (b) by using remote control.  
(a) For Board replacement : 2770  
(b) For Hotel : 4850  
Data will be copied from TV set to SD card.  
It takes around 2 to 6 minutes maximum for copying.
4. After the completion of copying to SD card, remove SD card from TV set.
5. Turn off the TV set.

**Note:**

Following new folder will be created in SD card for data from TV set.

- (a) For Board replacement : user\_setup
- (b) For Hotel : hotel

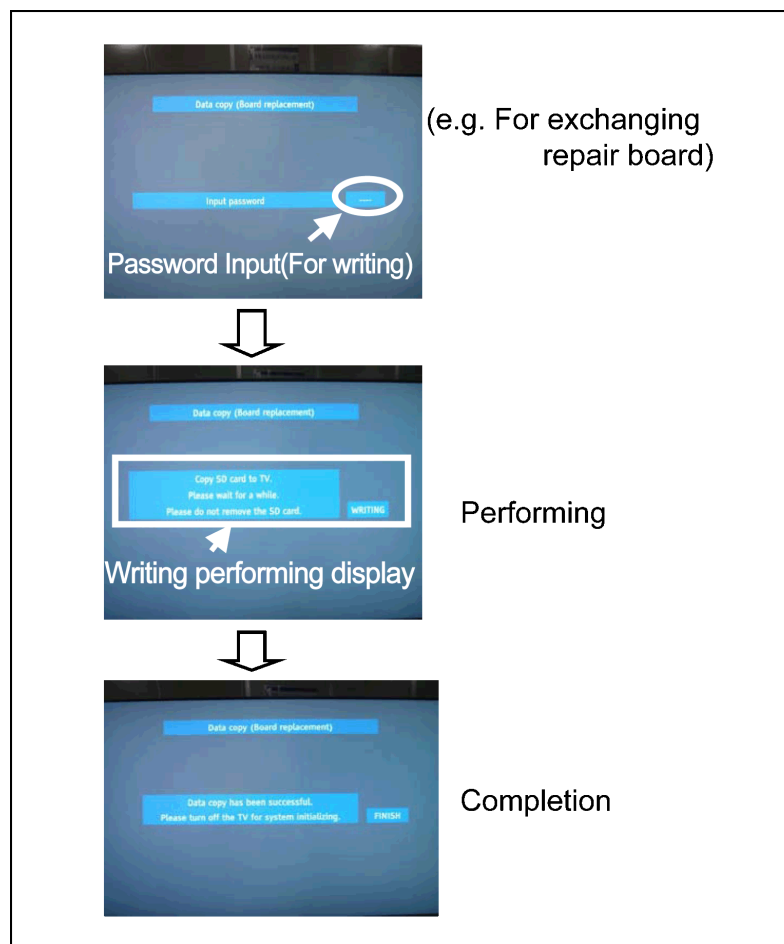


#### 5.5.4. Data copy from SD Card to TV set

1. Turn on the TV set.
2. Insert SD card with Data to SD slot.  
On-screen Display will be appeared according to the Data folder automatically.
3. Input a following password for (a) or (b) by using remote control.  
(a) For Board replacement : 2771  
(b) For Hotel : 4851  
Data will be copied from SD card to TV set.
4. After the completion of copying to SD card, remove SD card from TV set.  
(a) For Board replacement : Data will be deleted after copying (Limited one copy).  
(b) For Hotel : Data will not be deleted and can be used for other TVs.
5. Turn off the TV set.

**Note:**

1. Depending on the failure of boards, function of Data copy for board replacement does not work.
2. This function can be effective among the same model numbers.



## 6 Troubleshooting Guide

Use the self-check function to test the unit.

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

### 6.1. Check of the IIC bus lines

#### 6.1.1. How to access

##### 6.1.1.1. Self-check indication only:

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

##### 6.1.1.2. 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. Screen display

|              |    |                                                                          |       |
|--------------|----|--------------------------------------------------------------------------|-------|
| 42FHD<br>SET |    | Panasonic 2011PDP<br><br>SELF CHECK COMPLETE<br>SYS SELECT : Asia/M.East |       |
| TUN          | OK | PEAKS-SOFT                                                               | ****  |
| STBY         | OK | PEAKS-EEP                                                                | ****  |
| MEM1         | OK | LSI-PACKAGE                                                              | ****  |
| MEM2         | OK | LSI-RELEASE                                                              | ****  |
| AVSW         | OK | STBY-SOFT                                                                | ****  |
| PD5          | OK | STBY-EEP                                                                 | ****  |
| TEMP         | OK | STBY-ROMCORR                                                             | ****  |
| LAN          | OK | PDP-MCU                                                                  | ****  |
|              |    | PDP-EEP                                                                  | ****  |
|              |    | PDP-DCC                                                                  | ****  |
|              |    | PDP-PDROM                                                                | ****  |
|              |    | SUM                                                                      | ****  |
|              |    | MODEL ID                                                                 | ****  |
|              |    |                                                                          | ***** |
|              |    |                                                                          | ***** |

#### 6.1.3. Check Point

Confirm the following parts if NG was displayed.

| DISPLAY | Check Ref. No. | Description      | Check P.C.B. |
|---------|----------------|------------------|--------------|
| TUN     | TU4801         | TUNER            | A-Board      |
| STBY    | IC8000         | PEAKS-sLD2 (STM) | A-Board      |
| MEM1    | IC8902         | PEAKS EEPROM     | A-Board      |
| MEM2    | IC8901         | STM EEPROM       | A-Board      |
| AVSW    | IC3001         | AUDIO/VIDEO SW   | A-Board      |
| PD5     | IC9300         | PD5L             | A-Board      |
| TEMP    | IC3753         | TEMP SENSOR      | A-Board      |
| LAN     | IC8601         | ETHERPHY         | A-Board      |

#### 6.1.4. Exit

Disconnect the AC cord from wall outlet or switch off the power with [ Power ] button on the main unit.

## 6.2. Power LED Blinking timing chart

### 1. Subject

Information of LED Flashing timing chart.

### 2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

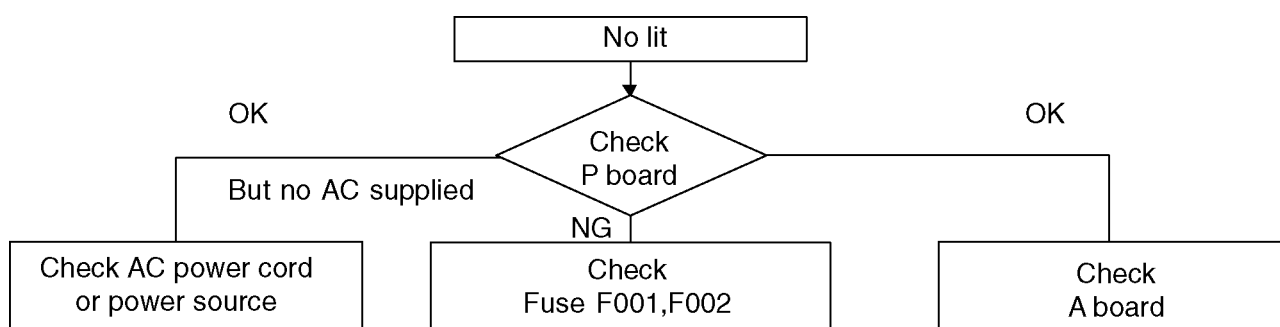
| Blinking Times | Contents                                                      | Check point                                |
|----------------|---------------------------------------------------------------|--------------------------------------------|
| 1              | Panel information SOS<br>PD5 Start SOS                        | -                                          |
| 3              | P+ 3.3V SOS                                                   | A-Board                                    |
| 4              | Power SOS                                                     | P-Board                                    |
| 5              | P+ 5V SOS                                                     | A-Board                                    |
| 6              | Driver SOS1<br>(SN Energy recovery circuit)<br>(A-SN FPC DET) | SN-Board<br>A-SN FPC                       |
| 7              | Driver SOS2<br>(SN Connector DET)<br>(SN Scan and Logic IC)   | SN-Board                                   |
| 8              | Driver SOS3<br>(SS FPC DET)<br>(SS Energy recovery circuit)   | SS-Board<br>SS FPC                         |
| 9              | Discharge Control SOS                                         | A-Board                                    |
| 10             | Sub 5V SOS<br>Sub 3.3V SOS<br>BE (sLD) SOS<br>Tuner power SOS | A-Board<br>SN-Board<br>SS-Board<br>P-Board |
| 12             | Sound SOS                                                     | A-Board<br>Speaker                         |
| 13             | Emergency SOS                                                 | A-Board                                    |

## 6.3. No Power

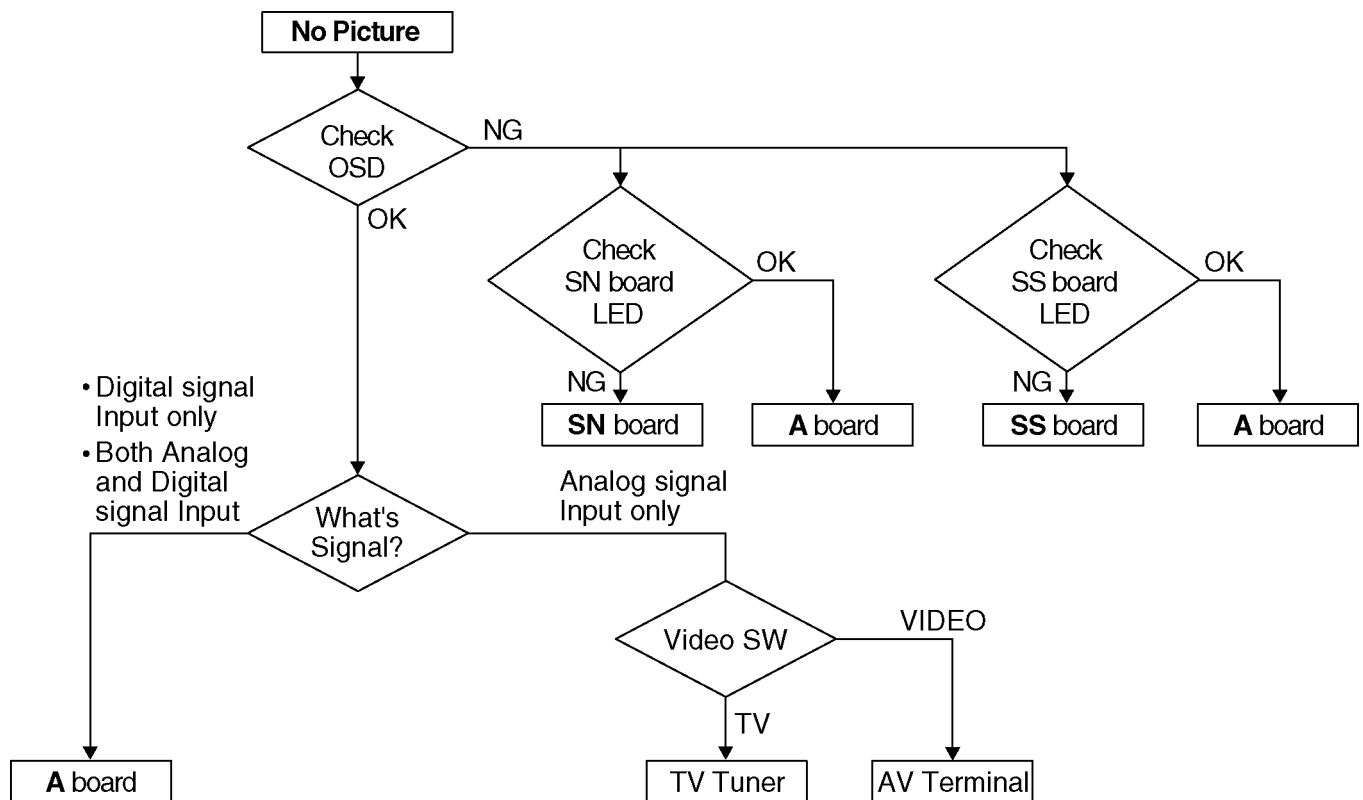
### First check point

There are following 3 states of No Power indication by power LED.

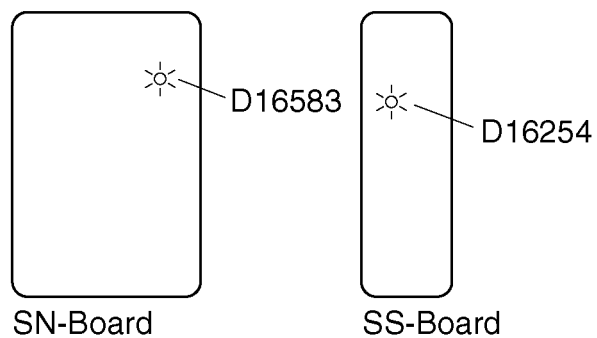
1. No lit.
2. Green is lit then turns red blinking a few seconds later. (See 6.2.)
3. Only red is lit.



## 6.4. No Picture



Drive circuits LED indicator



6.5. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.

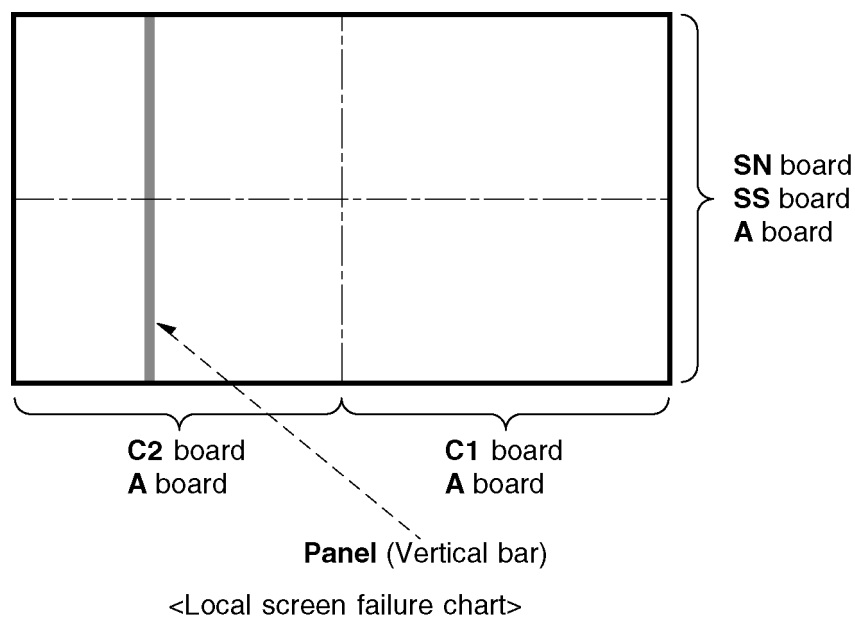


Fig-1

## 7 Disassembly and Assembly Instructions

### 7.1. Remove the Rear cover

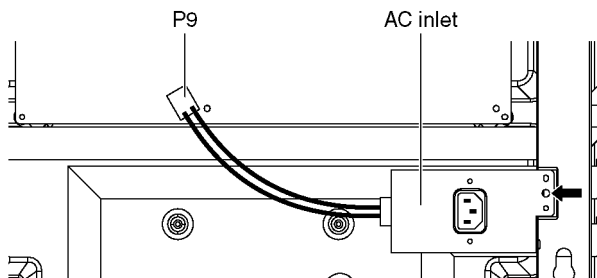
1. See PCB Layout (Section 3)

### 7.2. Remove the AC inlet

**Caution:**

To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the connector (P9).
2. Remove the screw (×1 ➡) and remove the AC inlet.

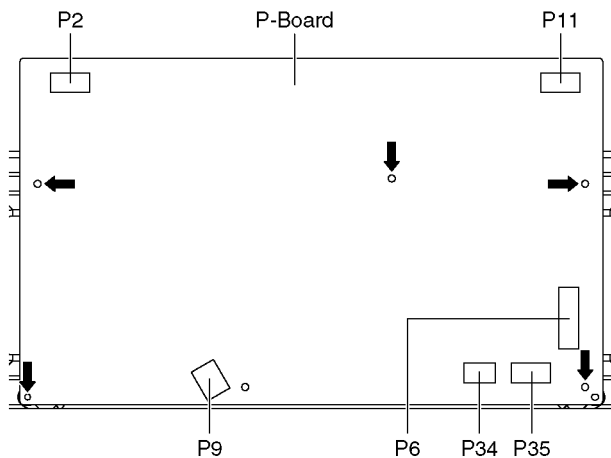


### 7.3. Remove the P-Board

**Caution:**

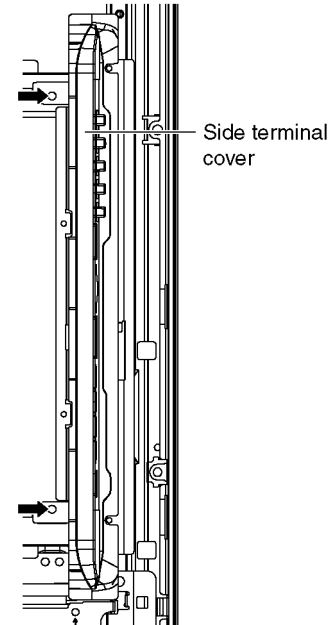
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the connectors (P2, P6, P9, P11, P34 and P35).
2. Remove the screws (×5 ➡) and remove the P-Board.



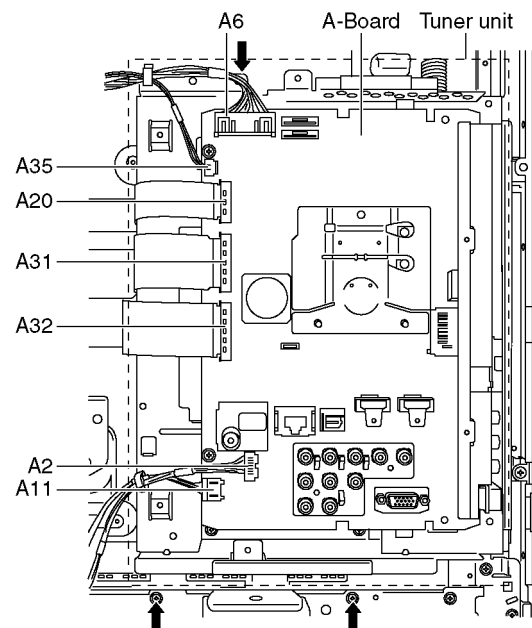
### 7.4. Remove the Side terminal cover

1. Remove the screws (×2 ➡).
2. Remove the Side terminal cover.



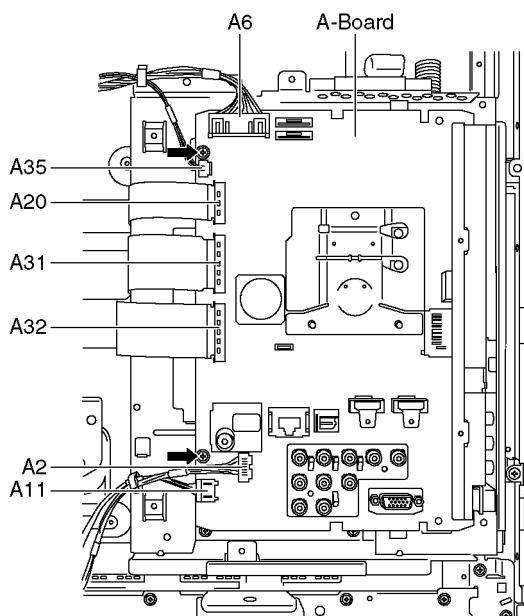
### 7.5. Remove the Tuner unit

1. Remove the Side terminal cover. (See section 7.4.)
2. Unlock the cable clampers to free the cable.
3. Disconnect the connectors (A2, A6, A11 and A35).
4. Disconnect the flexible cables (A20, A31 and A32).
5. Remove the screws (×3 ➡) and remove the Tuner unit.



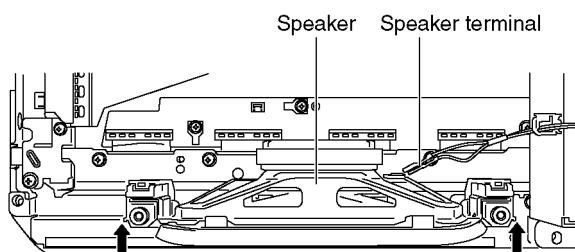
## 7.6. Remove the A-Board

1. Remove the Tuner unit. (See section 7.5.)
2. Remove the screws (×2 ➡) and remove the A-Board.



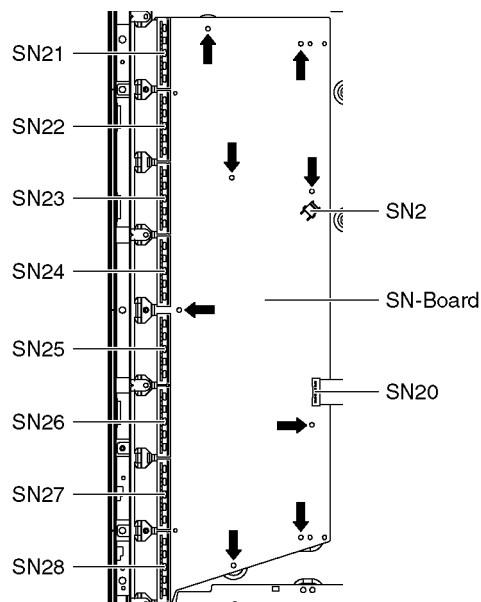
## 7.7. Remove the Speakers

1. Unlock the cable clampers to free the cable.
2. Disconnect the Speaker terminal.
3. Remove the screws (×2 ➡ each) and remove the Speakers (L, R).



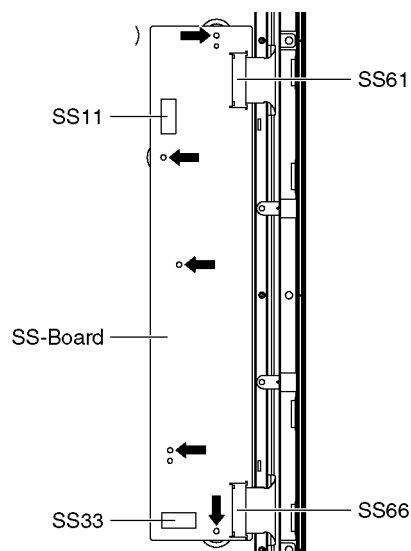
## 7.8. Remove the SN-Board

1. Disconnect the flexible cables (SN21, SN22, SN23, SN24, SN25, SN26, SN27 and SN28) connected to the SN-Board.
2. Disconnect the connector (SN2).
3. Disconnect the flexible cable (SN20).
4. Remove the screws (×8 ➡) and remove the SN-Board.



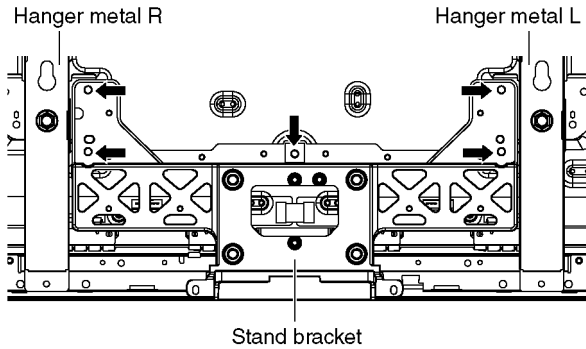
## 7.9. Remove the SS-Board

1. Remove the Tuner unit. (See section 7.5.)
2. Disconnect the connector (SS11).
3. Disconnect the flexible cable (SS33).
4. Disconnect the flexible cables (SS61 and SS66).
5. Remove the screws (×5 ➡) and remove the SS-Board.

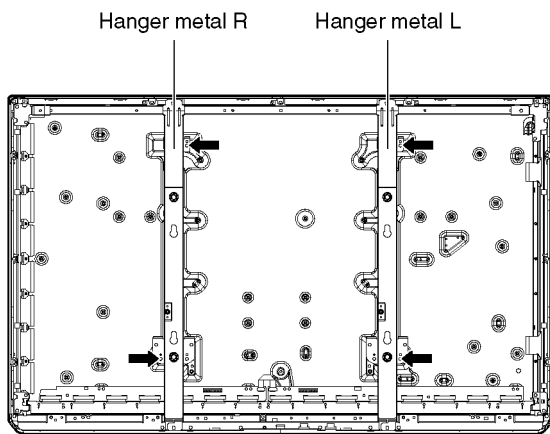


## 7.10. Remove the Stand bracket and the Hanger metals

1. Remove the Plasma panel section from the servicing stand and lay on a flat surface such as a table (covered by a soft cloth) with the Plasma panel surface facing downward.
2. Unlock the cable clampers to free the cable.
3. Remove the AC inlet. (See section 7.2.)
4. Remove the Stand bracket fastening screws (×5 ➡) and remove the Stand bracket.

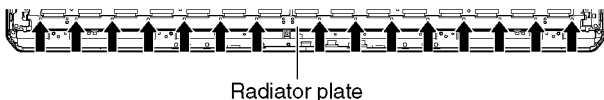


5. Remove the Hanger metals (L, R) fastening screws (×2 ➡ each) and remove the Hanger metals (L, R).



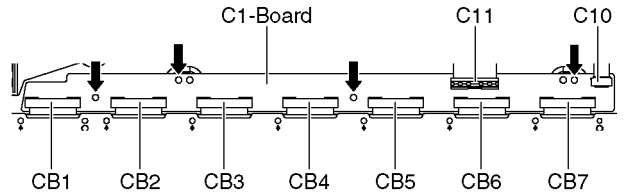
## 7.11. Remove the Radiator plate

1. Remove the Stand bracket and the Hanger metals. (See section 7.10.)
2. Remove the screws (×15 ➡) and remove the Radiator plate.



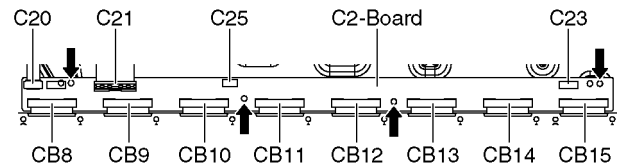
## 7.12. Remove the C1-Board

1. Remove the Stand bracket and the Hanger metal R. (See section 7.10.)
2. Disconnect the flexible cables (CB1, CB2, CB3, CB4, CB5, CB6 and CB7).
3. Disconnect the flexible cables (C10 and C11).
4. Remove the screws (×4 ➡) and remove the C1-Board.



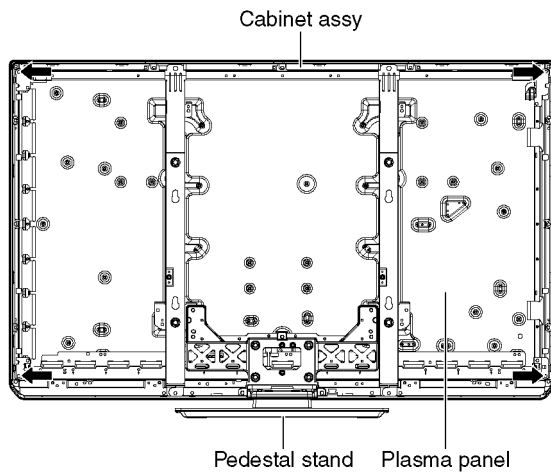
## 7.13. Remove the C2-Board

1. Remove the Stand bracket and the Hanger metal L. (See section 7.10.)
2. Disconnect the flexible cables (CB8, CB9, CB10, CB11, CB12, CB13, CB14 and CB15).
3. Disconnect the flexible cables (C20, C21 and C23).
4. Disconnect the connector (C25).
5. Remove the screws (×4 ➡) and remove the C2-Board.

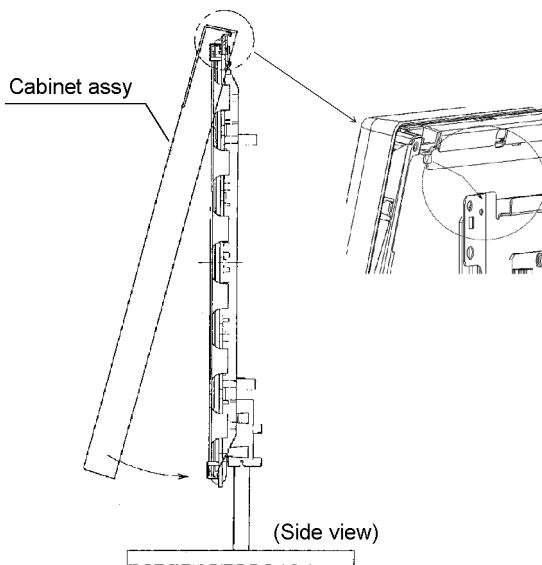


## 7.14. Remove the Plasma panel section from the Cabinet assy

1. Remove the Plasma panel fastening screws (×4 ➡) and remove the Cabinet assy.

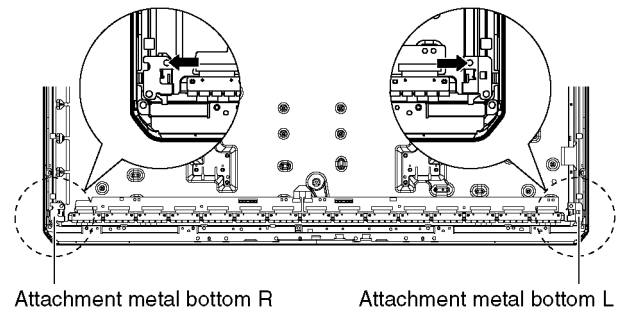


2. For leaving the Cabinet assy from the Plasma panel, pull the bottom of the Cabinet assy forward, lift, and remove.



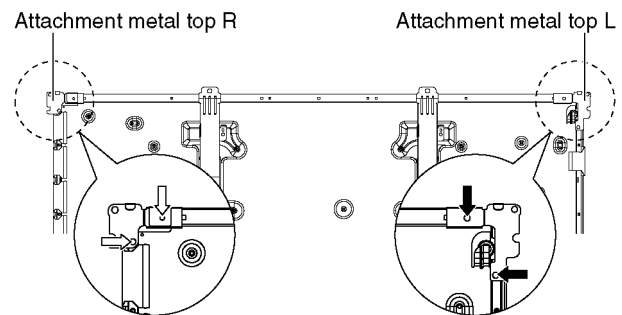
## 7.15. Remove the Attachment metal bottom

1. Remove the Radiator plate. (See section 7.11.)
2. Remove the screws (×1 ➡ each) and remove the Attachment metal bottom (L, R).



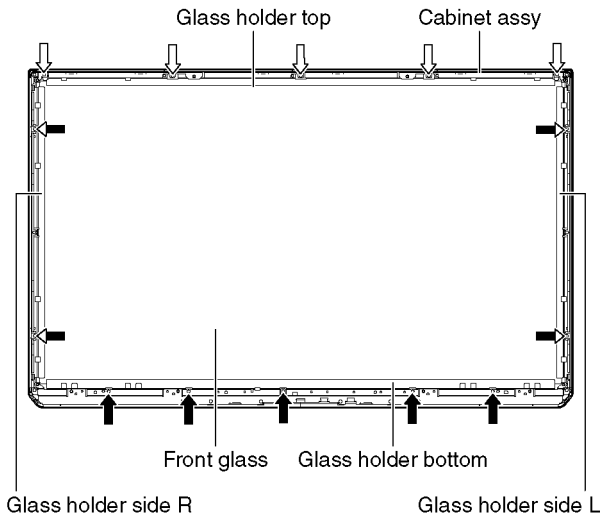
## 7.16. Remove the Attachment metal top

1. Remove the Cabinet assy. (See section 7.14.)
2. Remove the screws (×2 ➡, ×2 ⇨) and remove the Attachment metal top (L, R).



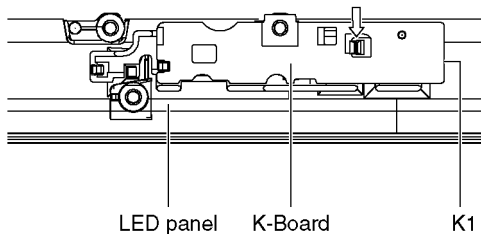
## 7.17. Remove the Glass holders

1. Remove the Cabinet assy. (See section 7.14.)
2. Remove the screws (×5 ⇨).
3. Remove the Glass holder top.
4. Remove the screws (×5 ⇨).
5. Remove the Glass holder bottom.
6. Remove the screws (×4 ⇨).
7. Remove the Glass holder side (L, R).



## 7.18. Remove the K-Board

1. Remove the Glass holder bottom. (See section 7.17.)
2. Remove the claw (×1 ⇨).
3. Disconnect the connector (K1) and Remove the K-Board from LED Panel.



## 7.19. Replace the Plasma panel

### Caution:

**A new Plasma panel itself without Hanger metals is fragile.**

**To avoid the damage to new Plasma panel, carry a new Plasma panel taking hold of the Hanger metals after assembling the Hanger metals and the Stand bracket.**

1. Place a carton box packed a new Plasma panel on the flat surface of the work bench.
2. Open a box and without taking a new Plasma panel; Attach the C1-Board and the C2-Board, connect the flexible cables from the Plasma panel to the C1-Board and the C2-Board, and fit the Flexible cable holders.
3. Attach the Hanger metals and the Stand bracket to the new Plasma panel.
4. Place the Plasma panel on the servicing stand taking hold of the Hanger metals.
5. Attach the Cabinet assy and each P.C.Board and so on, to the new Plasma panel.

**\*When fitting the Cabinet assy, be careful not to allow any debris, dust or handling residue to remain between the Front glass and Plasma panel.**

## 8 Measurements and Adjustments

### 8.1. Adjustment

#### 8.1.1. Vsus selection

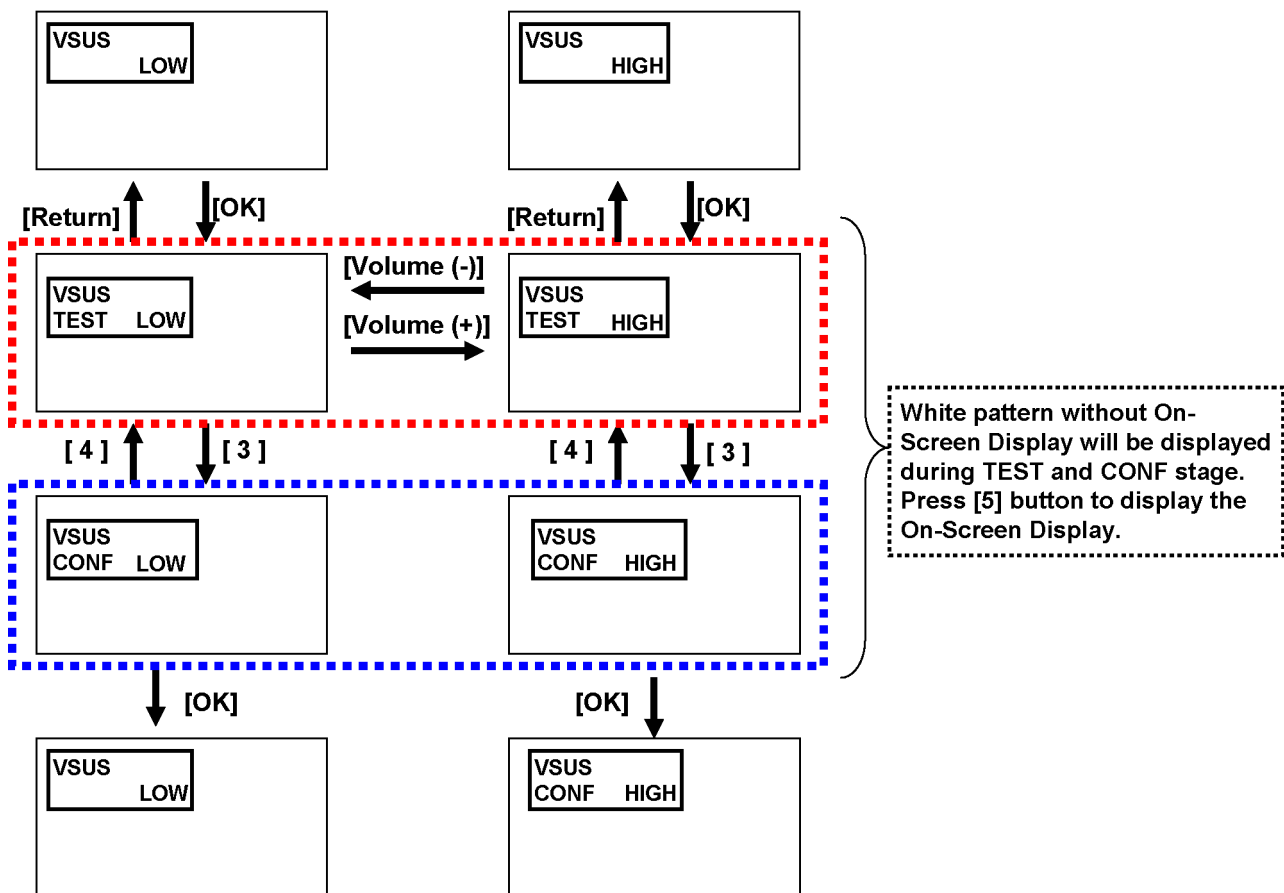
**Caution:**

When Plasma panel or A-board is replaced, Vsus should be set to LOW or HIGH.

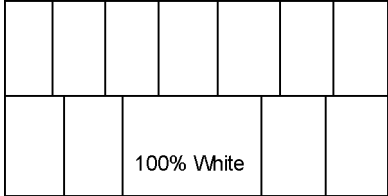
**Procedure**

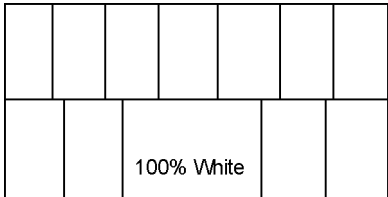
1. Go into main item [VSUS] in Service Mode. LOW or HIGH will be displayed.
2. Press [OK] button to go to TEST stage.  
White pattern without On-Screen Display will be displayed during TEST and CONF stage. Press [5] button to display the On-Screen Display.
3. Press [VOL (-)] button to set to LOW.
4. In LOW setting
  - a. If no several dead pixel is visible remarkably in white pattern, press [3] button to go to CONF stage.
  - b. If the several dead pixels are visible remarkably in white pattern, Set to HIGH by press [VOL (+)] button. Press [3] button to go to CONF stage if the symptom is improved.
5. Press [OK] button in CONF stage to store LOW or HIGH.
6. Exit Service Mode by pressing [Power] button.

**Vsus selection in Service mode**



## 8.1.2. Sub-Contrast adjustment

| Name of measuring instrument                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Connection | Remarks                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RF generator<br>Base Band signal generator<br>HD signal generator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                                                                                                                                                                                    |
| Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |            | Remarks                                                                                                                                                                            |
| Connect IIC cable (bus controller-cable) after banner OSD appear.<br>And after SRQ-L, begin an adjustment 2 seconds later.<br><br>Adjustment of TV (RF system)<br><br><b>Note:</b><br>In adjustment, you must setting to modulation of signal at 87.5%.<br><br>1. Receive a RF PAL 100% Full White or Split Colour bar shown as below.<br><br><div style="text-align: center;">  </div><br><br>2. Goes into service mode.<br>3. Push a [ 1 ] or [ 2 ] key, and goes into adjustment mode for [ CONTRAST ].<br><br>Adjustment<br><br>1. The colour key yellow button of remote control is pushed.<br>2. The OSD character of sub-contrast becomes red.<br>(Inside under automatic adjustment)<br>3. The OSD character of sub-contrast returns to black.<br>When [NG] is displayed, adjustment failure.<br>4. End. |            | <b>Note:</b><br><b>Sub-contrast adjustment is unadjusted for AV/ HD input.</b><br><b>But, when needing the adjustment chosen manually, please refer to [ alternative method ].</b> |

| Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Remarks |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b><u>Another procedure</u></b><br><br>Connect IIC cable (bus controller-cable) after banner OSD appear.<br>And after SRQ-L, begin an adjustment 2 seconds later.<br><br>Adjustment of AV system<br><br>1. PAL 100% Full White or Split Colour bar receive AV1(or AV2), shown as below.<br><br><div style="text-align: center;">  </div><br><br>2. Goes into service mode.<br>3. Push [ 1 ] or [ 2 ] key, and goes into adjustment mode for [ Contrast ].<br><br>Adjustment<br><br>1. The colour key yellow button of remote control is pushed.<br>2. The OSD character of sub-contrast becomes red.<br>(Inside under automatic adjustment)<br>3. The OSD character of sub-contrast returns to black.<br>When [NG] is displayed, adjustment failure.<br>4. End. |         |

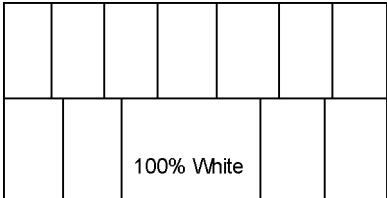
| Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Remarks |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <p><b>Another procedure</b></p> <p>Connect IIC cable (bus controller-cable) after banner OSD appear.<br/>And after SRQ-L, begin an adjustment 2 seconds later.</p> <p>Adjustment of HD system</p> <p>1. At 1080i 100% Full White or Split colour bar receive component signal, as shown below.</p>  <p>2. Goes into service mode.<br/>3. Push [ 1 ] or [ 2 ] key, and goes into adjustment mode for [ Contrast ].</p> <p>Adjustment</p> <p>1. The colour key yellow button of remote control is pushed.<br/>2. The OSD character of sub-contrast becomes red.<br/>(Inside under automatic adjustment)<br/>3. The OSD character of sub-contrast returns to black.<br/>When [NG] is displayed, adjustment failure.<br/>4. End.</p> |         |

Table1, Sub-contrast Adjstment initial data in Peaks EEPROM

|      |                                     |                 |
|------|-------------------------------------|-----------------|
| 06E0 | Y Gain Standard for NTSC-G:RF (L)   | Setting<br>data |
| 06E1 | Y Gain Standard for NTSC-G:RF (H)   |                 |
| 06E2 | Y Gain Standard for PAL-G:RF (L)    |                 |
| 06E3 | Y Gain Standard for PAL-G:RF (H)    |                 |
| 06E4 | Y Gain Standard for NTSC-G:ELSE (L) |                 |
| 06E5 | Y Gain Standard for NTSC-G:ELSE (H) |                 |
| 06E6 | Y Gain Standard for PAL-G:ELSE (L)  |                 |
| 06E7 | Y Gain Standard for PAL-G:ELSE (H)  |                 |
| 06E8 | Y Gain Standard for YUV (L)         |                 |
| 06E9 | Y Gain Standard for YUV (H)         |                 |

### 8.1.3. White balance adjustment

The adjusting method is different according to the PEAKS EEPROM version.

**[copy adjustment] : Peaks EEPROM ver.1.00-**

**[Differential and copy adjustment] : Peaks EEPROM ver.1.\*\*-**

| Name of measuring instrument                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Connection    | Remarks                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------|
| W/ B pattern<br>Color analyzer<br>(Minolta CA-100 or equivalent)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Panel surface |                                                                                                |
| Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               | Remarks                                                                                        |
| <b>[copy adjustment]</b><br><b>Connect IIC cable (bus controller-cable) after banner OSD appear.</b><br><b>And after SRQ-L, begin an adjustment 2 seconds later.</b> <ul style="list-style-type: none"> <li>• Make sure the front panel to be used on the final set is fitted.</li> <li>• Make sure a color signal is not being shown before adjustment.</li> <li>• Put the color analyzer where there is little colour variation.</li> </ul> <b>Note:</b><br>Copy Adjustment method in service mode.<br>When you push [OK] key in each item,<br>Adjustment data is copied between HD data and SD data.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               | Picture menu : Dynamic<br>ASPECT : 16:9<br><br>Condition is same at<br>alternative method too. |
| 1. Enter the service mode.<br>Please receive the Analog-RF.<br>Or, please select CVBS/YUV/HDMI. (No inputting is possible.)<br>(Forbid Analog-RF with no signal.)<br>2. A number key [1] or [2] are operated and [WB-ADJ] is displayed.<br>Check that the color temp is [COOL].<br>3. A number key [0] is operated and select [METHOD 01].<br>4. A number key [5] is operated and [INNER PATTERN] is displayed. <div data-bbox="448 992 888 1243" data-label="Image"> </div> <p style="text-align: center;">INNER PATTERN</p> 5. Select [G-CUTOFF] item, using the number-key [3] or [4], and set to [80], using the volume-key [+] or [-].<br>Also, [B-CUTOFF] and [R-CUTOFF] set to [80].<br>6. Set [G-DRIVE] at [D0].<br>7. Touch the signal receiver of color analyzer to the INNER PATTERN center, and adjust B drive and R drive so x, y become the [COLOR TEMP COOL] in the below table1.<br>8. All RGB drive increase so that the maximum drive value of RGB may become [FF].<br>([ALL-DRIVE] set to [FF].)<br>9. Set color temp to [NORMAL] using [7] key.<br>10. Fix G-CUTOFF, B-CUTOFF and R-CUTOFF at [80].<br>11. Set [G-DRIVE] at [D0].<br>12. Adjust B-DRIVE and R-DRIVE so the INNER PATTERN x, y become the [COLOR TEMP NORMAL] in the below table1.<br>13. All RGB drive increase so that the maximum drive value of RGB may become [FF].<br>([ALL-DRIVE] set to [FF].)<br>14. Set color temp to [WARM] using [7] key.<br>15. Fix G-CUTOFF, B-CUTOFF and R-CUTOFF at [80].<br>16. Set [G-DRIVE] at [D0].<br>17. Adjust B-DRIVE and R-DRIVE so the INNER PATTERN x, y become the [COLOR TEMP WARM] in the below table1.<br>18. All RGB drive increase so that the maximum drive value of RGB may become [FF].<br>([ALL-DRIVE] set to [FF].)<br>19. Confirm [METHOD=01]. <p>Please refer table2-3 to address.</p> <p>Asking matter to execute white balance difference adjustment.<br/>           Please feed back the DAC value in the adjusted each color temperature in an internal pattern.</p> |               | METHOD=01<br>copy adjustments                                                                  |

| Steps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Remarks                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <p><b>[Differential and copy adjustment]</b><br/> Execute adjustment for color temp. [NORMAL], and set data for color temp. [COOL], [WARM] by data shift WB of HD (or PAL) copies the adjustment data from an adjusted format side.</p> <p><b>Note:</b><br/> The adjustment does only color temp. [NORMAL].<br/> A adjustment value difference from [NORMAL] is written to EEPROM as for [COOL] and [WARM] by operating a [OK] key.<br/> As for WB of HD (or RF), the adjustment data from an adjusted format side is copied simultaneously.<br/> Text color of the adjusted value changes into red → black at the same time too.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                             |
| <ol style="list-style-type: none"> <li>1. Enter the service mode.<br/> Please receive the Analog-RF.<br/> Or, please select CVBS/YUV/HDMI. (No inputting is possible.).<br/> (Forbid Analog-RF with no signal.)</li> <li>2. A number key [1] and [2] are operated and [WB-ADJ] is displayed.<br/> Check that the color temp is [NORMAL].</li> <li>3. A number key [0] is operated and select [METHOD 03].</li> <li>4. A number key [5] is operated and [INNER PATTERN] is displayed.</li> </ol> <div data-bbox="397 694 836 943" data-label="Image"> </div> <p style="text-align: center;">INNER PATTERN</p> <ol style="list-style-type: none"> <li>5. Select [G-CUTOFF] item, using the number-key [3] or [4], and set to [80], using the volume-key [+] or [-].<br/> Also, [B-CUTOFF] and [R-CUTOFF] set to [80].</li> <li>6. Set [G-DRIVE] at [D0].</li> <li>7. Touch the signal receiver of color analyzer to the INNER PATTERN center, and adjust B drive and R drive so x, y become the [COLOR TEMP NORMAL] in the table 1.</li> <li>8. All RGB drive increase so that the maximum drive value of RGB may become [FF].<br/> ([ALL-DRIVE] set to [FF].)</li> <li>9. A number key [0] is operated and select [METHOD=01].</li> </ol> <p>Please refer table2-3 to address.</p> | <p>METHOD=03<br/> Differential and<br/> copy adjustment</p> |

Table 1, Color temp. target value

| COLOR TEMP | x     | y     |
|------------|-------|-------|
| COOL       | 0.263 | 0.270 |
| NORMAL     | 0.286 | 0.296 |
| WARM       | 0.312 | 0.328 |

Table 2, Peaks EEP addresses (adjustment data)

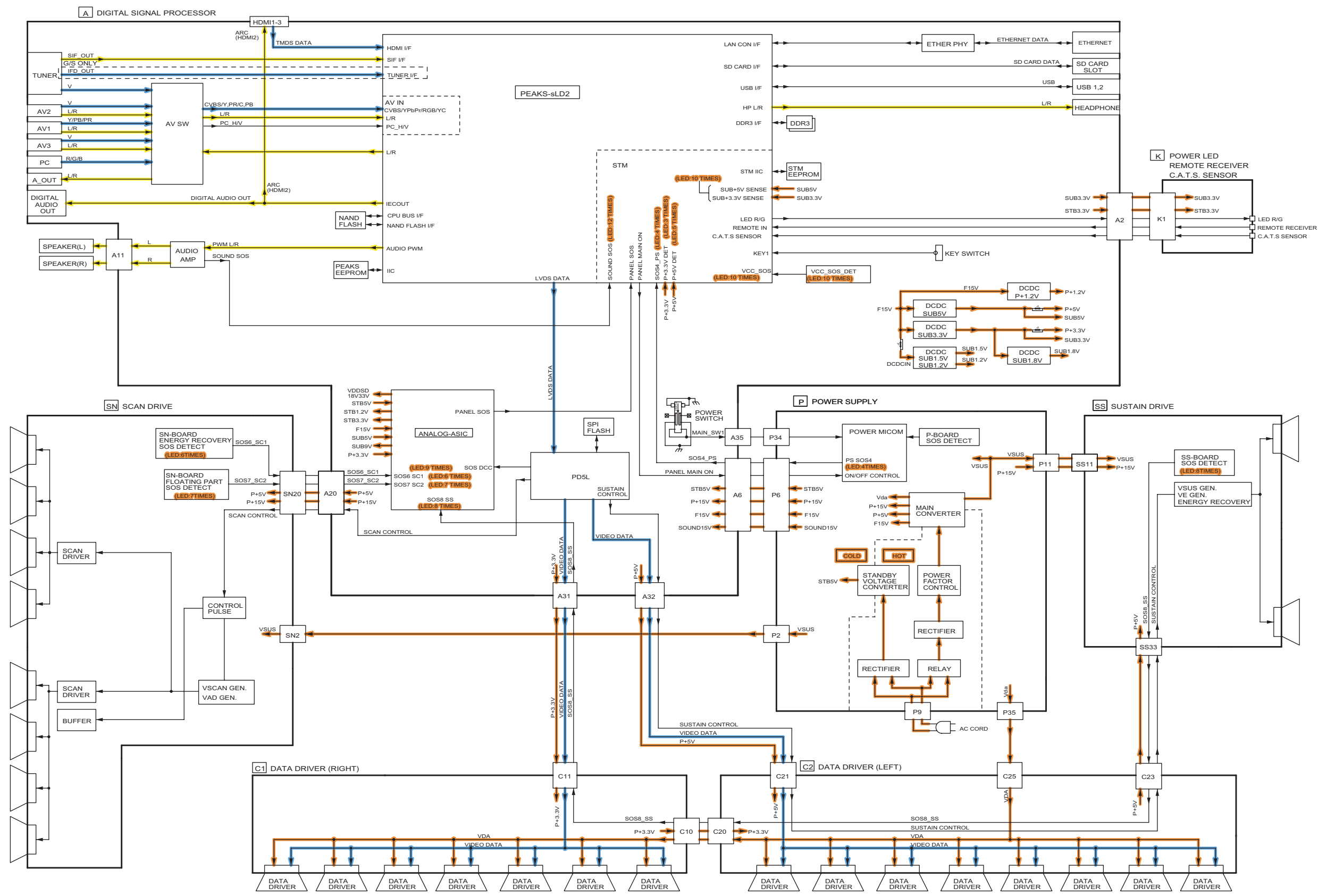
| signal / temp | Meaning of value       | address |
|---------------|------------------------|---------|
| SD High       | R-Cutoff for SD High   | A0-070c |
|               | G-Cutoff for SD High   | A0-070d |
|               | B-Cutoff for SD High   | A0-070e |
|               | R-Drive for SD High    | A0-070f |
|               | G-Drive for SD High    | A0-0710 |
|               | B-Drive for SD High    | A0-0711 |
| SD Middle     | R-Cutoff for SD Middle | A0-0712 |
|               | G-Cutoff for SD Middle | A0-0713 |
|               | B-Cutoff for SD Middle | A0-0714 |
|               | R-Drive for SD Middle  | A0-0715 |
|               | G-Drive for SD Middle  | A0-0716 |
|               | B-Drive for SD Middle  | A0-0717 |
| SD Low        | R-Cutoff for SD Low    | A0-0718 |
|               | G-Cutoff for SD Low    | A0-0719 |
|               | B-Cutoff for SD Low    | A0-071a |
|               | R-Drive for SD Low     | A0-071b |
|               | G-Drive for SD Low     | A0-071c |
|               | B-Drive for SD Low     | A0-071d |
| HD High       | R-Cutoff for HD High   | A0-071e |
|               | G-Cutoff for HD High   | A0-071f |
|               | B-Cutoff for HD High   | A0-0720 |
|               | R-Drive for HD High    | A0-0721 |
|               | G-Drive for HD High    | A0-0722 |
|               | B-Drive for HD High    | A0-0723 |
| HD Middle     | R-Cutoff for HD Middle | A0-0724 |
|               | G-Cutoff for HD Middle | A0-0725 |
|               | B-Cutoff for HD Middle | A0-0726 |
|               | R-Drive for HD Middle  | A0-0727 |
|               | G-Drive for HD Middle  | A0-0728 |
|               | B-Drive for HD Middle  | A0-0729 |
| HD Low        | R-Cutoff for HD Low    | A0-072a |
|               | G-Cutoff for HD Low    | A0-072b |
|               | B-Cutoff for HD Low    | A0-072c |
|               | R-Drive for HD Low     | A0-072d |
|               | G-Drive for HD Low     | A0-072e |
|               | B-Drive for HD Low     | A0-072f |

Table 3, Peaks EEP addresses (DIFF setting)

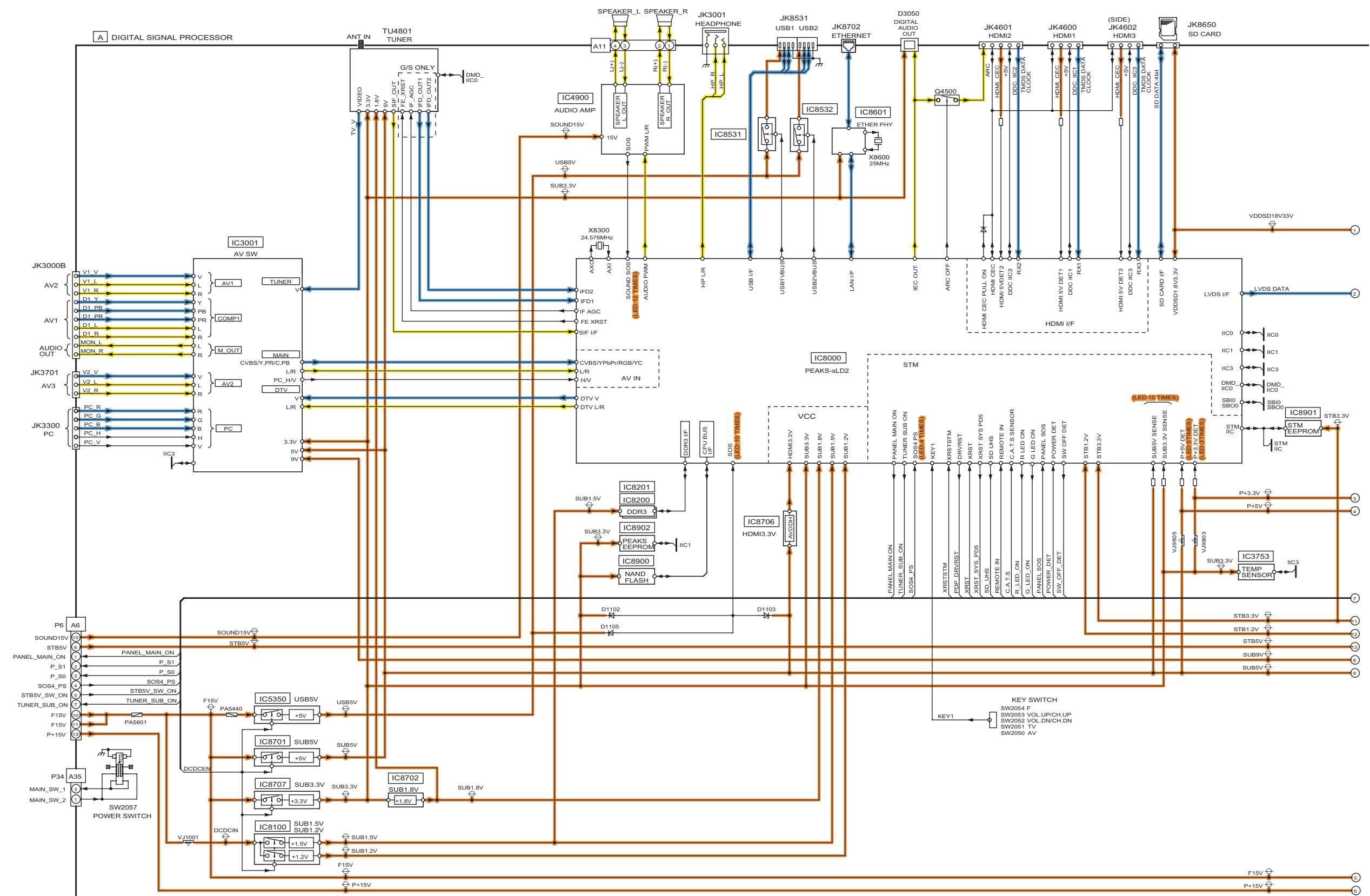
| signal / temp | Meaning of value                  | address |
|---------------|-----------------------------------|---------|
| SD High       | R-Cutoff difference for SD High   | A0-0730 |
|               | G-Cutoff difference for SD High   | A0-0731 |
|               | B-Cutoff difference for SD High   | A0-0732 |
|               | R-Drive difference for SD High    | A0-0733 |
|               | G-Drive difference for SD High    | A0-0734 |
|               | B-Drive difference for SD High    | A0-0735 |
| SD Middle     | R-Cutoff difference for SD Middle | A0-0736 |
|               | G-Cutoff difference for SD Middle | A0-0737 |
|               | B-Cutoff difference for SD Middle | A0-0738 |
|               | R-Drive difference for SD Middle  | A0-0739 |
|               | G-Drive difference for SD Middle  | A0-073a |
|               | B-Drive difference for SD Middle  | A0-073b |
| SD Low        | R-Cutoff difference for SD Low    | A0-073c |
|               | G-Cutoff difference for SD Low    | A0-073d |
|               | B-Cutoff difference for SD Low    | A0-073e |
|               | R-Drive difference for SD Low     | A0-073f |
|               | G-Drive difference for SD Low     | A0-0740 |
|               | B-Drive difference for SD Low     | A0-0741 |
| HD High       | R-Cutoff difference for HD High   | A0-0742 |
|               | G-Cutoff difference for HD High   | A0-0743 |
|               | B-Cutoff difference for HD High   | A0-0744 |
|               | R-Drive difference for HD High    | A0-0745 |
|               | G-Drive difference for HD High    | A0-0746 |
|               | B-Drive difference for HD High    | A0-0747 |
| HD Middle     | R-Cutoff difference for HD Middle | A0-0748 |
|               | G-Cutoff difference for HD Middle | A0-0749 |
|               | B-Cutoff difference for HD Middle | A0-074a |
|               | R-Drive difference for HD Middle  | A0-074b |
|               | G-Drive difference for HD Middle  | A0-074c |
|               | B-Drive difference for HD Middle  | A0-074d |
| HD Low        | R-Cutoff difference for HD Low    | A0-074e |
|               | G-Cutoff difference for HD Low    | A0-074f |
|               | B-Cutoff difference for HD Low    | A0-0750 |
|               | R-Drive difference for HD Low     | A0-0751 |
|               | G-Drive difference for HD Low     | A0-0752 |
|               | B-Drive difference for HD Low     | A0-0753 |

# 9 Block Diagram

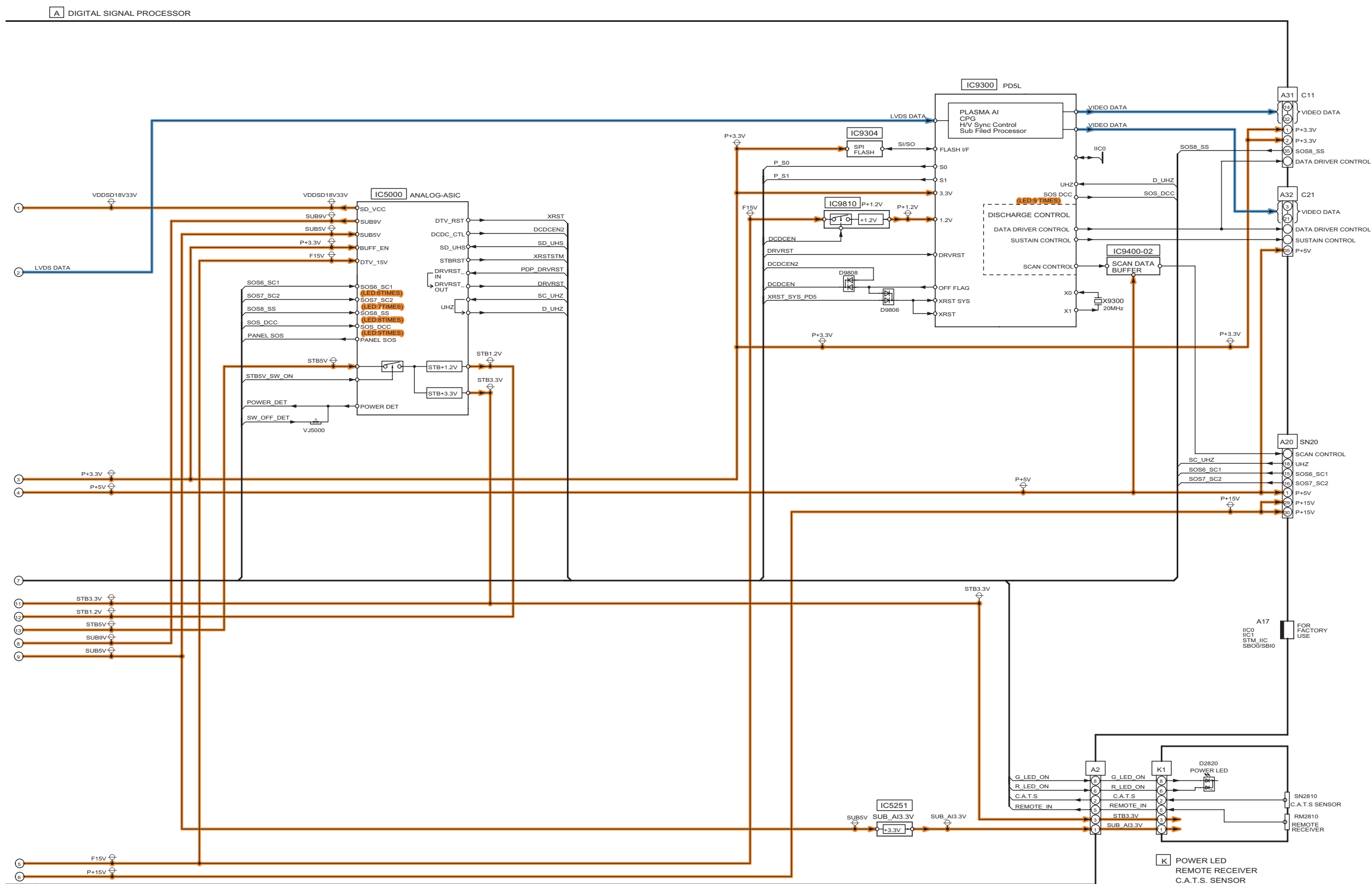
## 9.1. Main Block Diagram



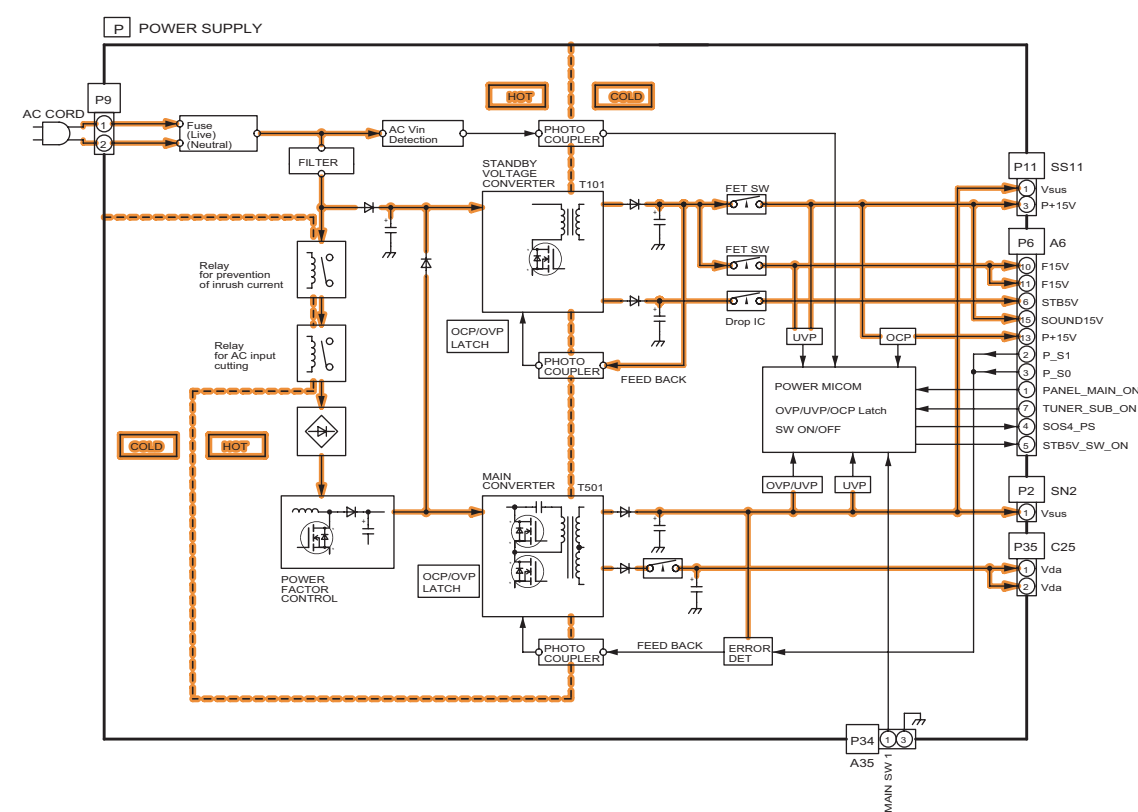
9.2. Block (1/4) Diagram



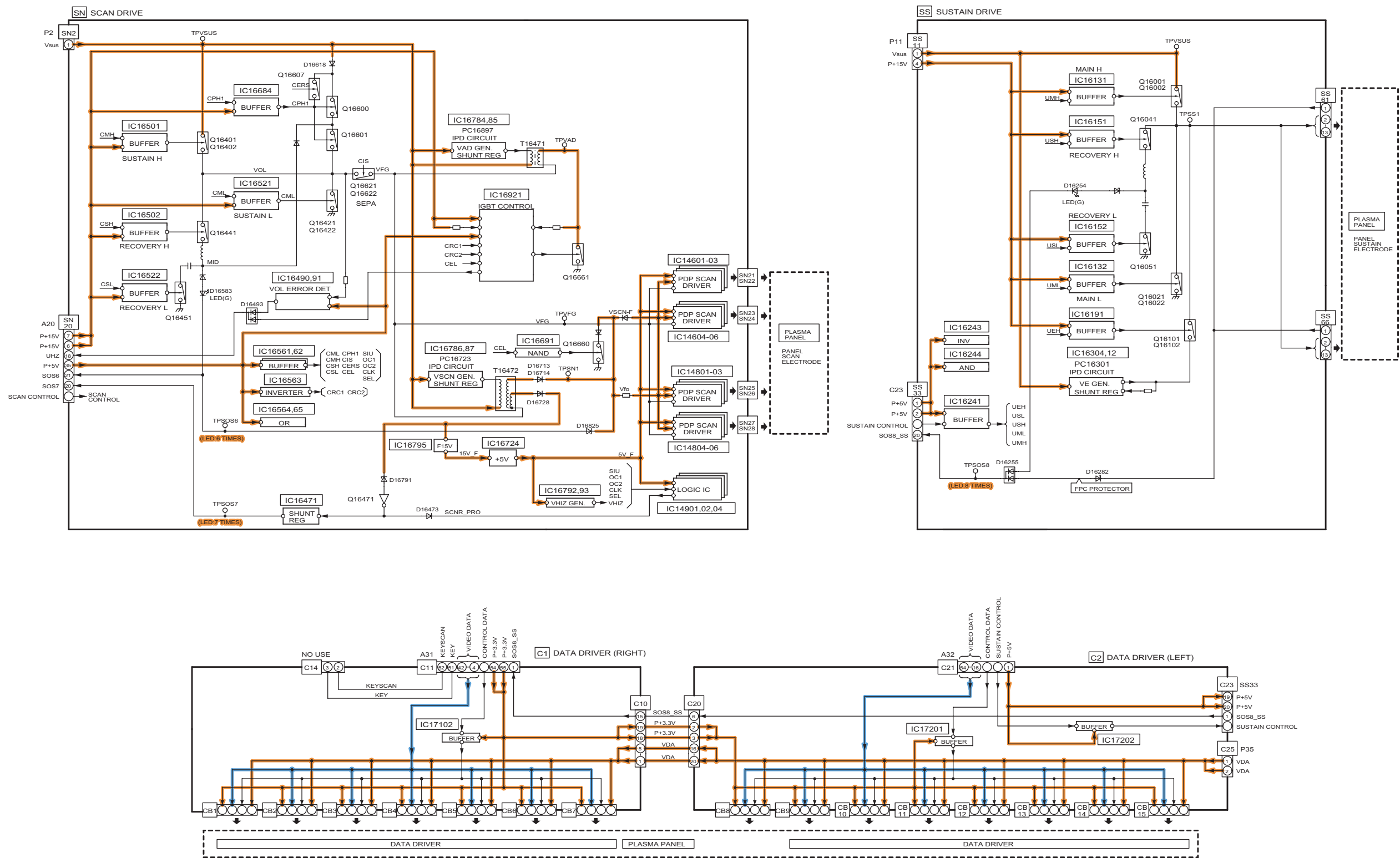
# 9.3. Block (2/4) Diagram



9.4. Block (3/4) Diagram



9.5. Block (4/4) Diagram





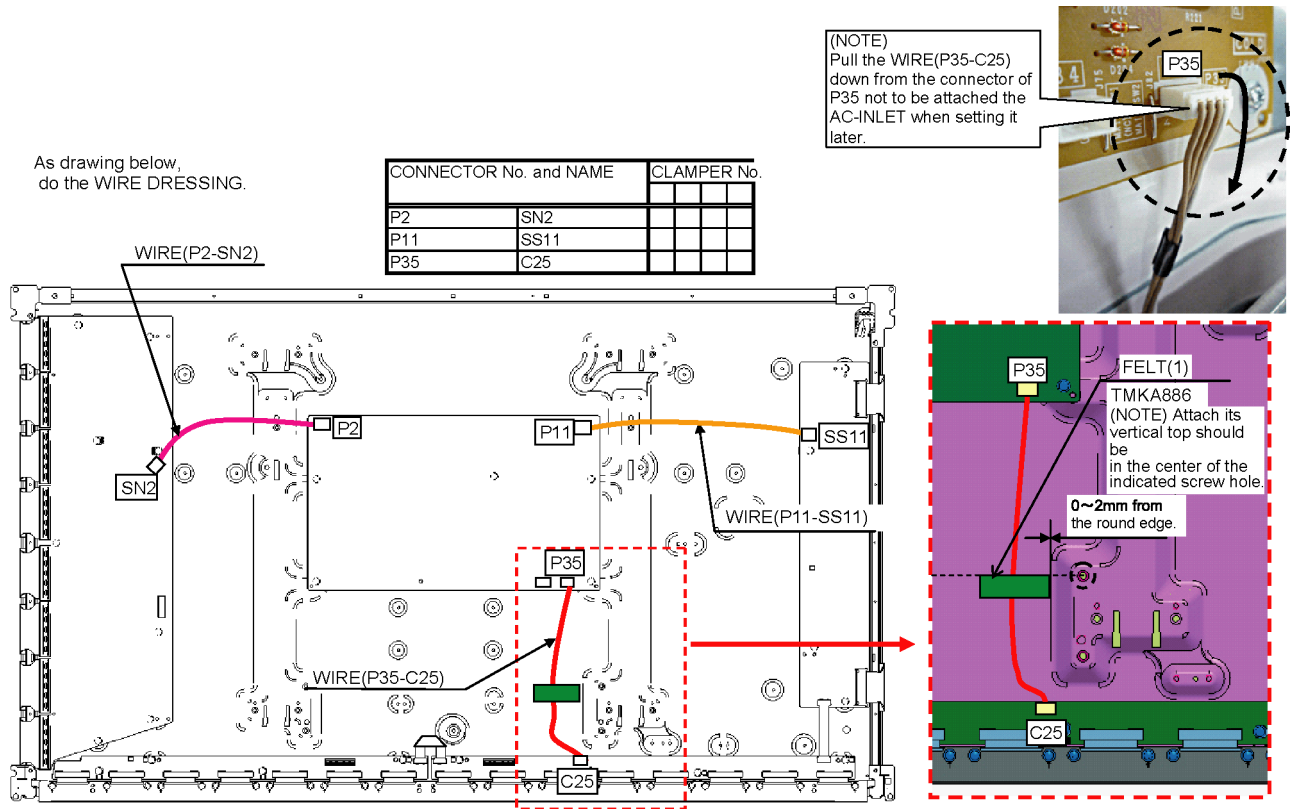
# 10 Wiring Connection Diagram

## 10.1. Caution statement.

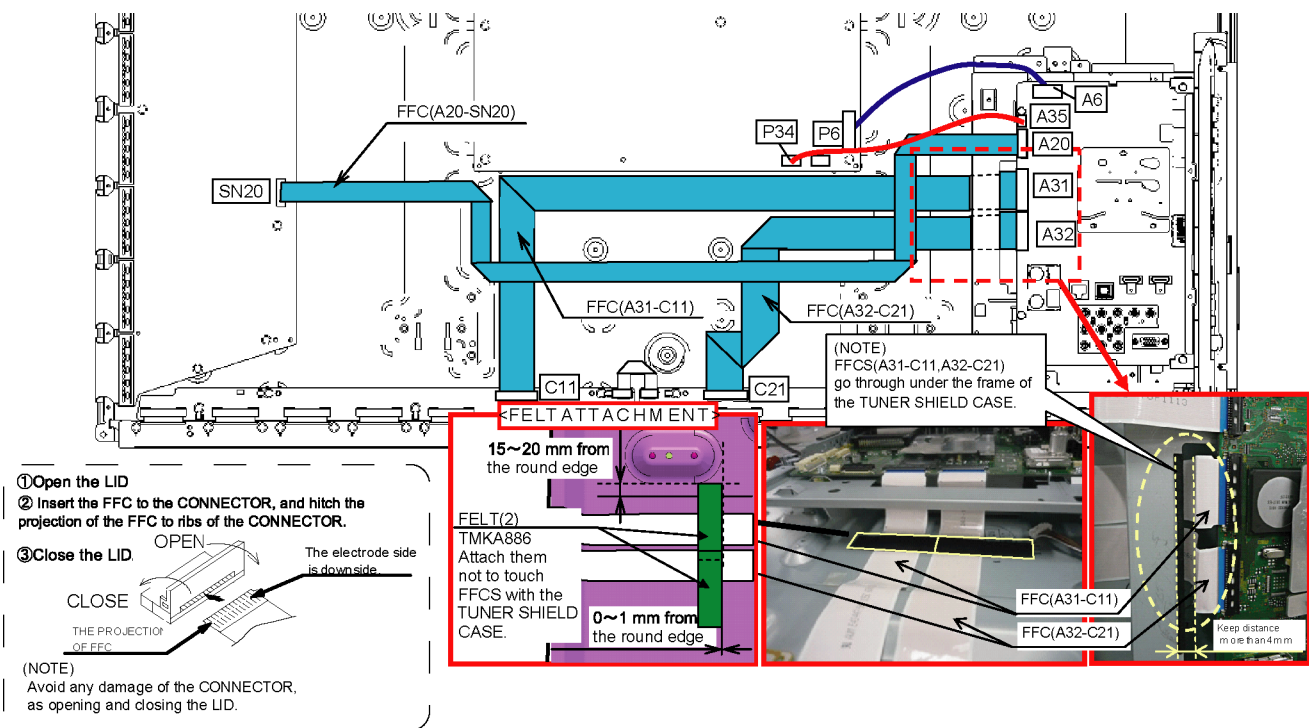
### Caution:

Please confirm that all flexible cables are assembled correctly.  
Also make sure that they are locked in the connectors.  
Verify by giving the flexible cables a very slight pull.

## 10.2. Wiring (1)



10.3. Wiring (2)

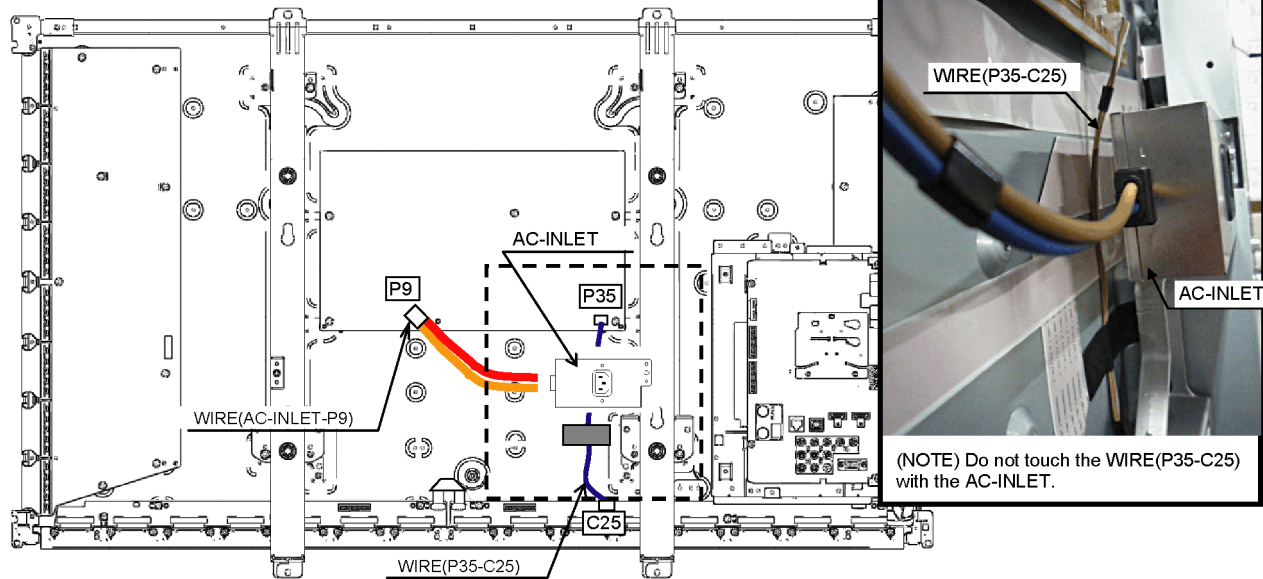


| CONNECTOR No. and NAME |      | CLAMPER No. |  |  |  |
|------------------------|------|-------------|--|--|--|
| A20                    | SN20 | 4           |  |  |  |
| A31                    | C11  |             |  |  |  |
| A32                    | C21  |             |  |  |  |
| A6                     | P6   |             |  |  |  |
| A35                    | P34  |             |  |  |  |

10.4. Wiring (3)

| CONNECTOR No. and NAME |          | CLAMPER No. |  |  |  |
|------------------------|----------|-------------|--|--|--|
| P9                     | AC-INLET |             |  |  |  |

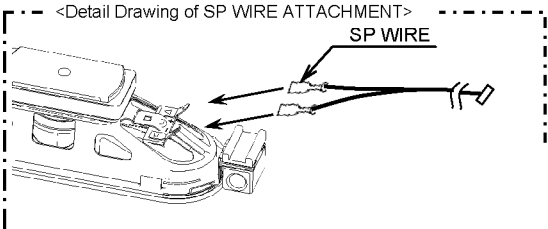
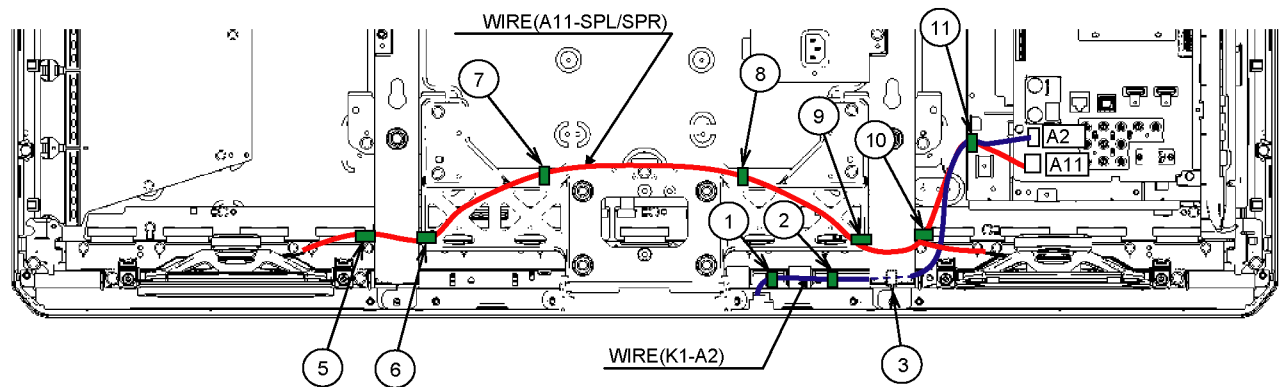
As drawing below,  
do the WIRE DRESSING.



10.5. Wiring (4)

As drawing below,  
do the WIRE DRESSING.

| CONNECTOR No. and NAME |           | CLAMPER No. |   |   |   |   |   |   |   |    |    |  |
|------------------------|-----------|-------------|---|---|---|---|---|---|---|----|----|--|
|                        |           | 1           | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |  |
| A11                    | SPEAKER R |             |   |   | ○ | ○ | ○ | ○ | ○ | ○  | ○  |  |
|                        | SPEAKER L |             |   |   |   |   |   |   |   |    |    |  |
| K1                     | A2        | ●           | ● | ● |   |   |   |   |   |    | ○  |  |



Notes:

1. Resistor  
Unit of resistance is OHM [ $\Omega$ ] (K=1,000, M=1,000,000).
2. Capacitor  
Unit of capacitance is  $\mu$ F, unless otherwise noted.
3. Coil  
Unit of inductance is H, unless otherwise noted.
4. Test Point  
 : Test Point position
5. Earth Symbol  
 : Chassis Earth (Cold)       : Line Earth (Hot)
6. Voltage Measurement  
Voltage is measured by a DC voltmeter.  
Conditions of the measurement are the following:  
Power Source ..... AC 110-240 V, 50/60Hz (P)  
AC 220-240 V, 50/60Hz (Except P)  
Receiving Signal ..... Colour Bar signal (RF)  
All customer's controls ..... Maximum positions
7. When arrow mark () is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow.      : Video       Audio 
9. This schematic diagram is the latest at the time of printing and subject to change without

Notice: Use the parts number indicated on the Replacement parts List.

## Remarks:

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

## Model No. : TH-P42U30D/G/K/M/P/S/T/V Replacement Parts List Note

**Note:** All parts except parts mentioned [PAVCTH] in the Remarks column are supplied by AVC-CSPC.  
Parts mentioned [PAVCTH] are supplied by PAVCTH.

Notice: Be sure to make your orders of replacement parts according to this list.

### RTL (Retention Time Limited)

**Note:** The marking (RTL) indicates that the Retention Time is Limited for this item.  
After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.  
After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

#### 1. Resistor

Example:

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

#### 2. Capacitor

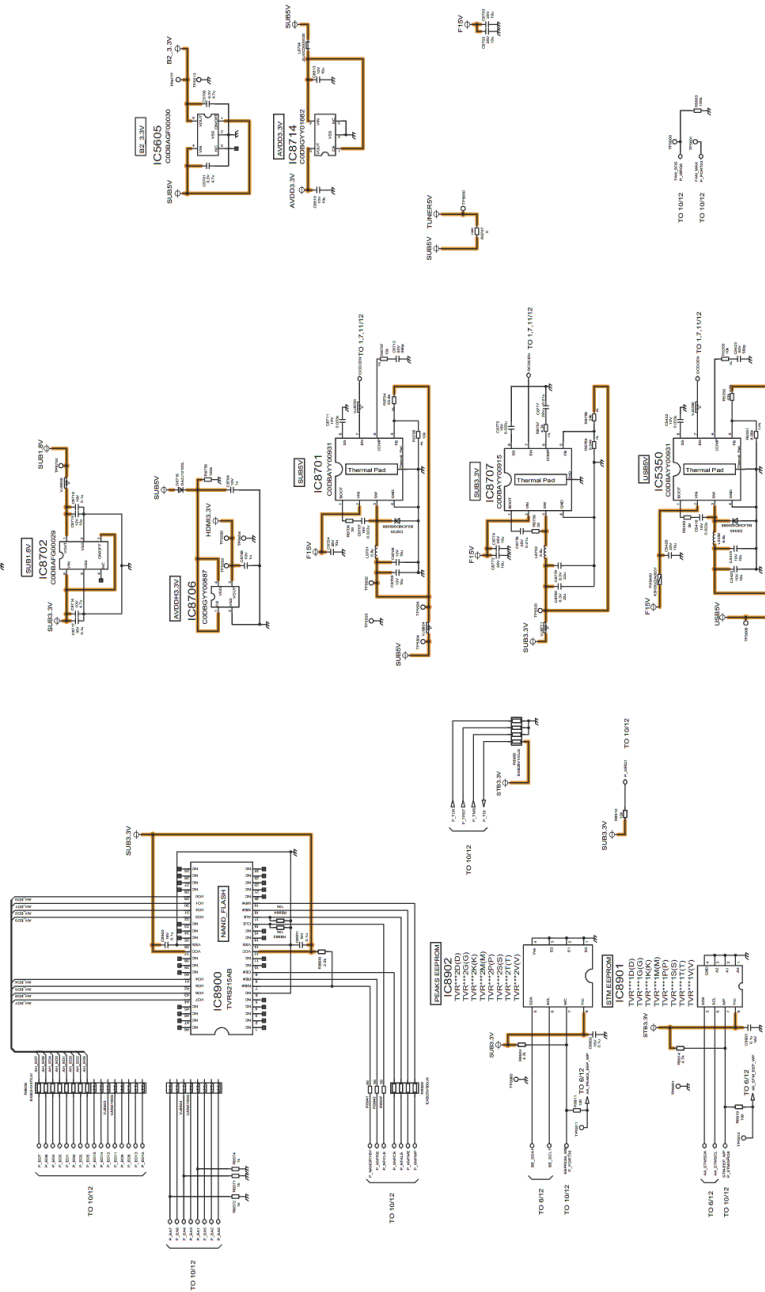
Example:

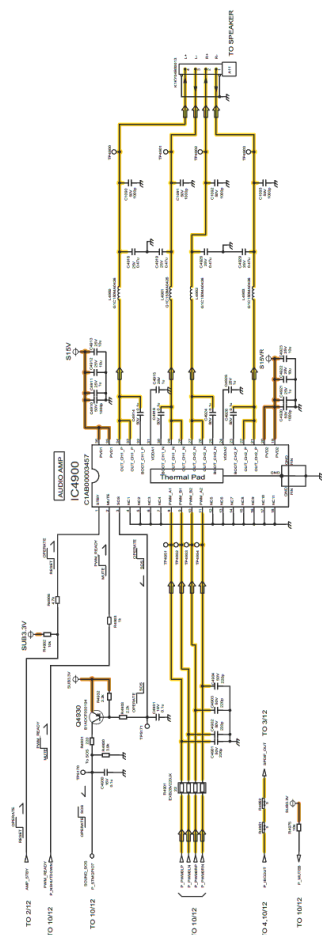
ECKF1H103ZF    C 0.01UF, Z, 50V  
Type                      Allowance

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

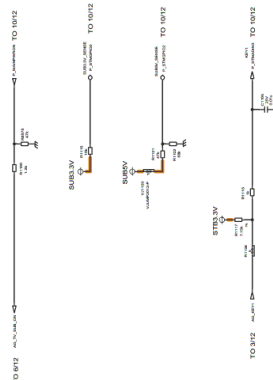
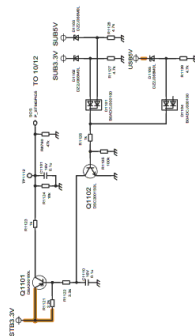
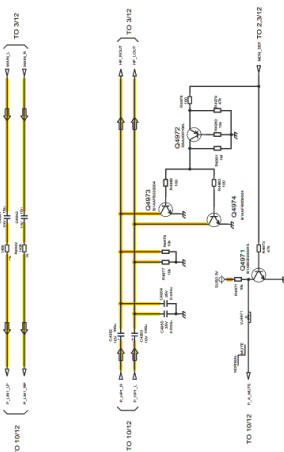
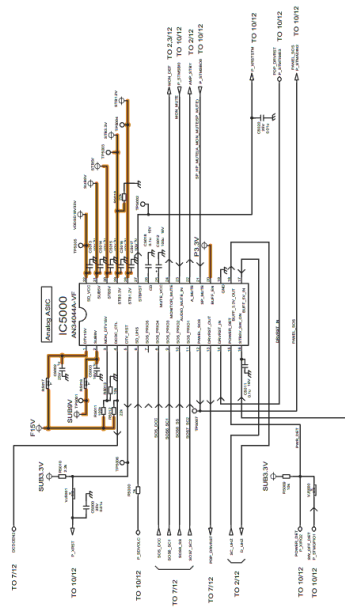
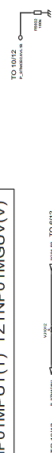
| Type             | Allowance      |
|------------------|----------------|
| C : Ceramic      | C : ±0.25pF    |
| E : Electrolytic | D : ±0.5pF     |
| P : Polyester    | F : ±1pF       |
| Polyprop         | G : ±3pF       |
| lene             | J : ±5pF       |
| T : Tantalum     | K : ±10pF    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

△ A-BOARD (1/12)  
TZTNP01MUQ(D) TZTNP01MMUG(G)  
TZTNP01MSUK(K) TZTNP01MVUM(M)  
TZTNP01MYUP(P) TZTNP01MMUS(S)  
TZTNP01MPT(T) TZTNP01MGUV(V)





A-BOARD (2/12)  
TZINP01MQUD(D) TZINP01MMUG(G)  
TZINP01MSUK(K) TZINP01MVUM(M)  
TZINP01MYUP(P) TZINP01MWUS(S)  
TZINP01MPUT(T) TZINP01MGUV(V)



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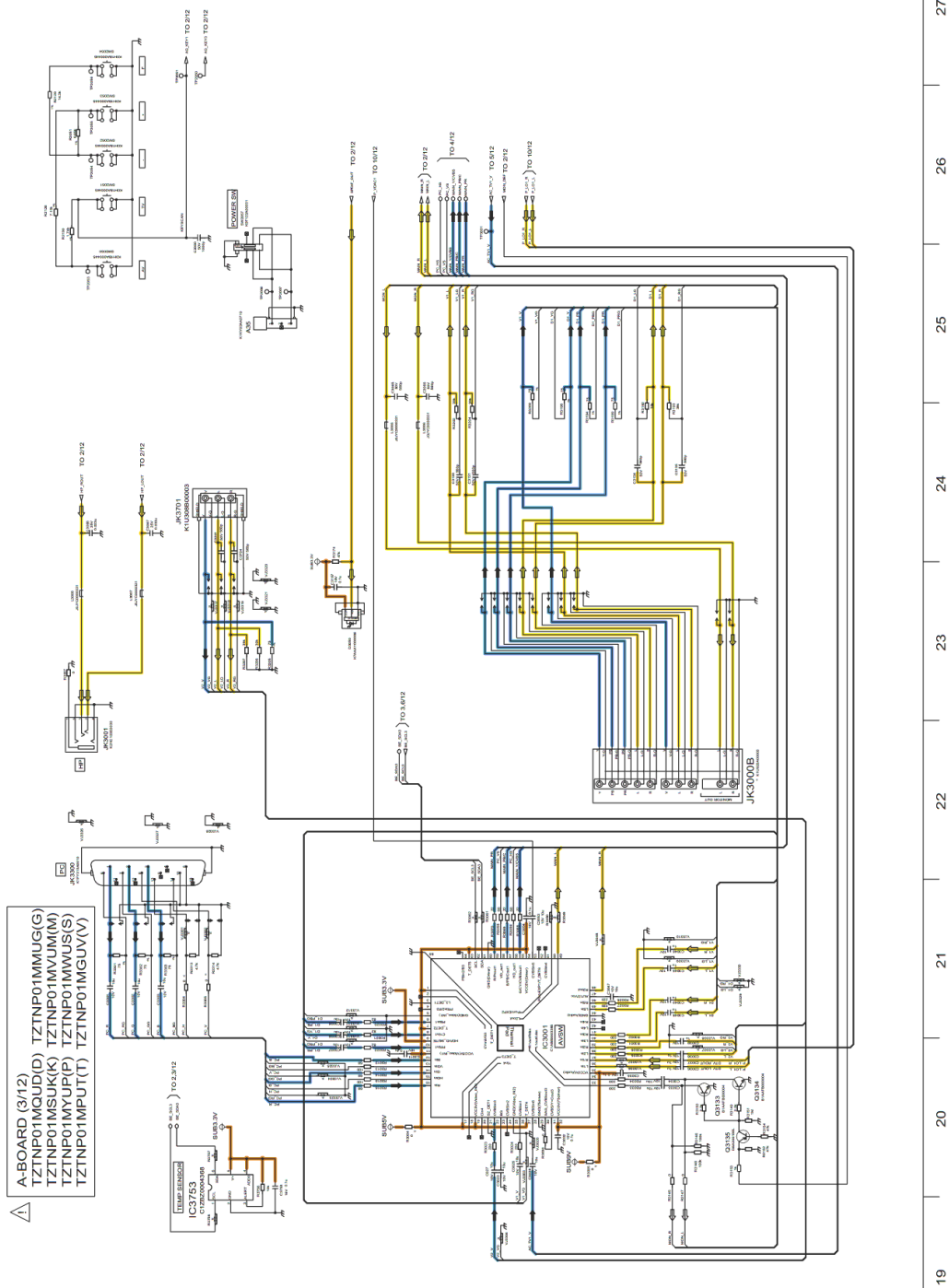
14

13

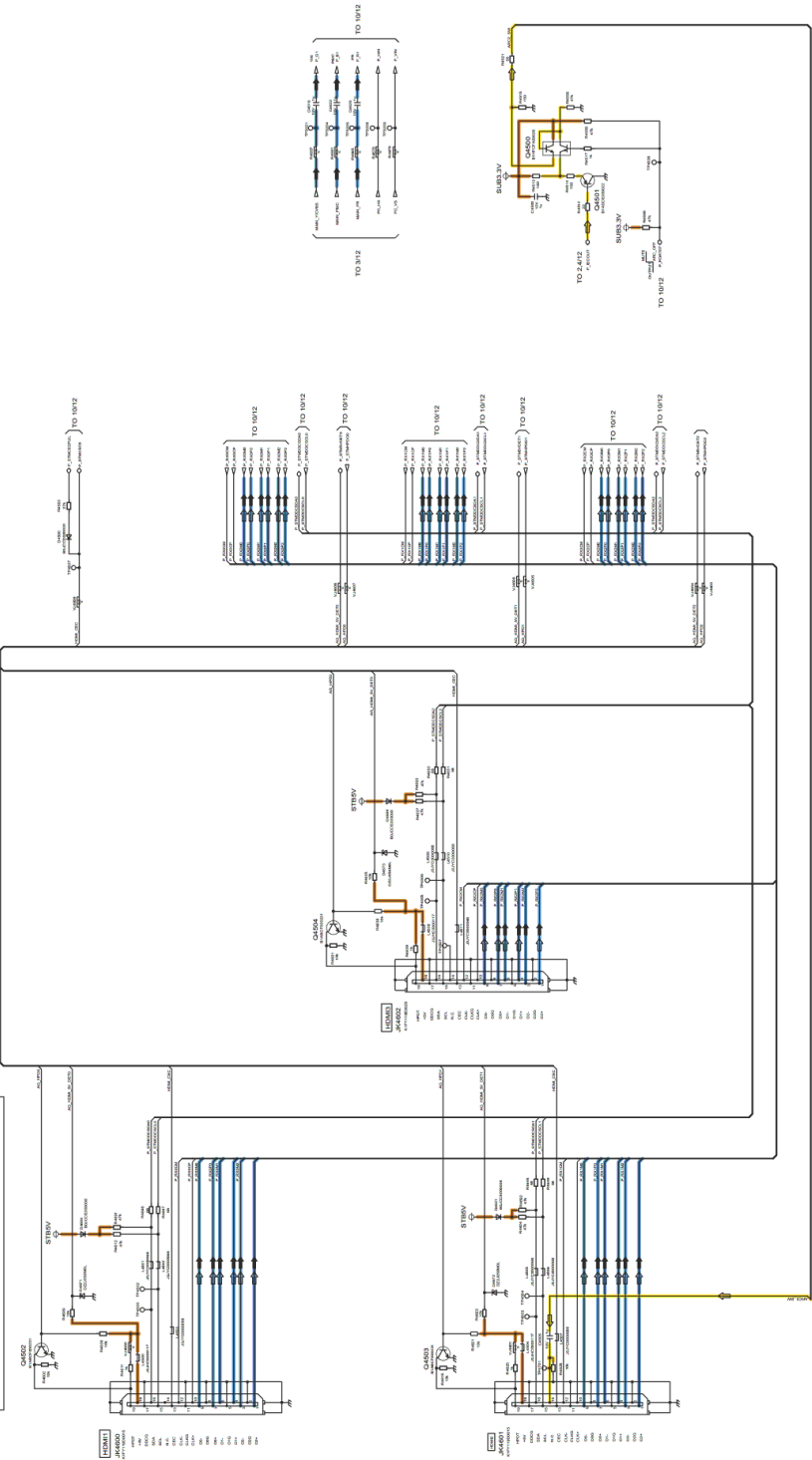
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11

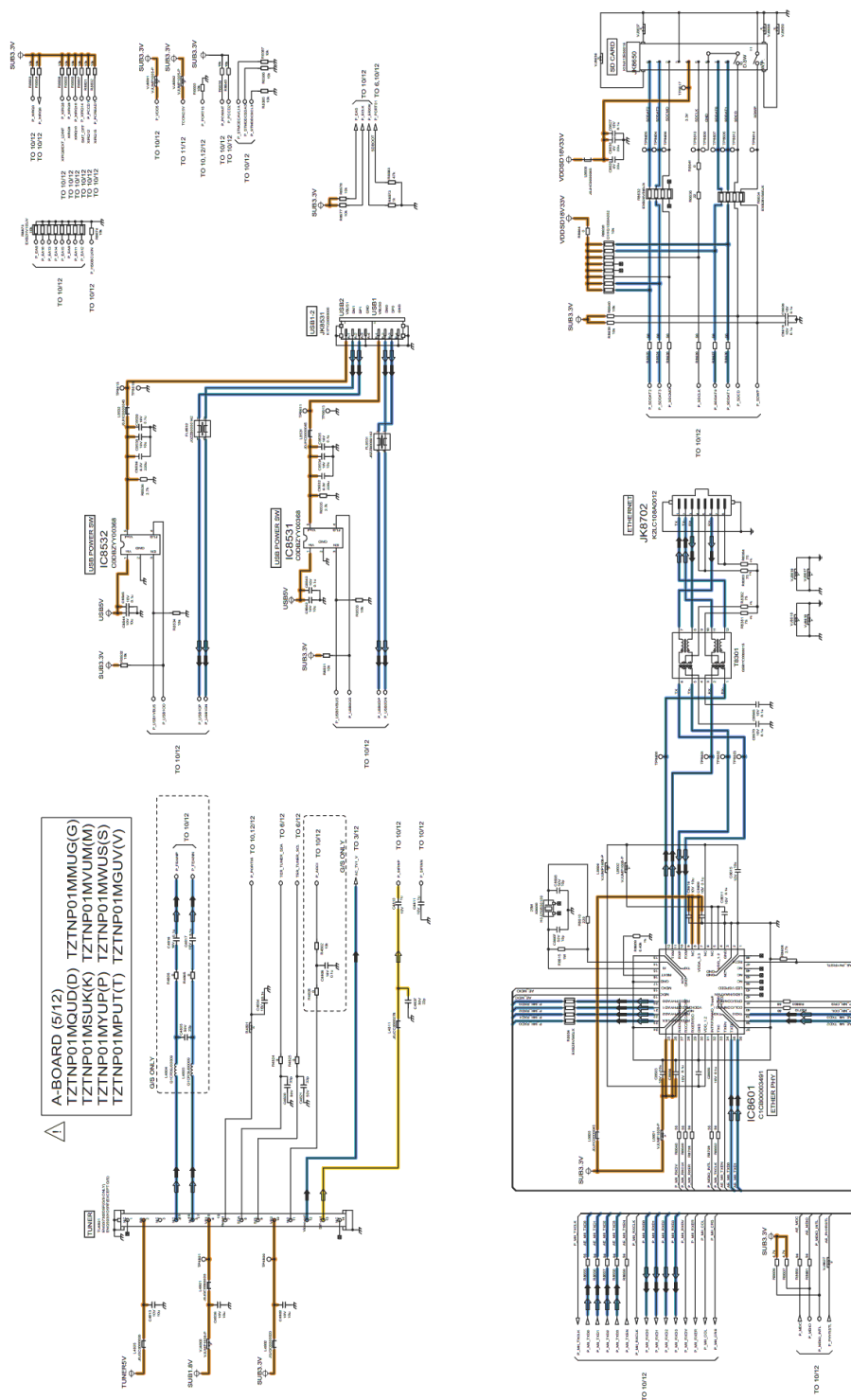
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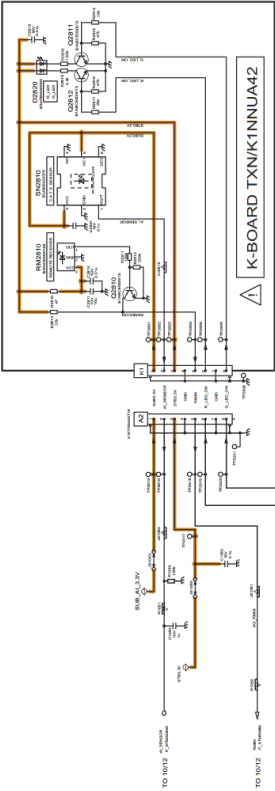


△  
A-BOARD (4/12)  
TZTNP01MQUD(D)   TZTNP01MMUG(G)  
TZTNP01MSUK(K)   TZTNP01MVUM(M)  
TZTNP01MYUP(P)   TZTNP01MWUS(S)  
TZTNP01INPUT(T)   TZTNP01MGUV(V)

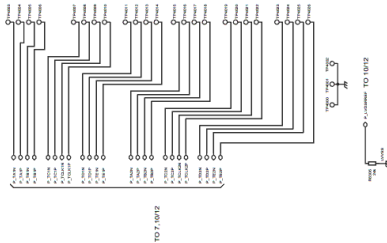
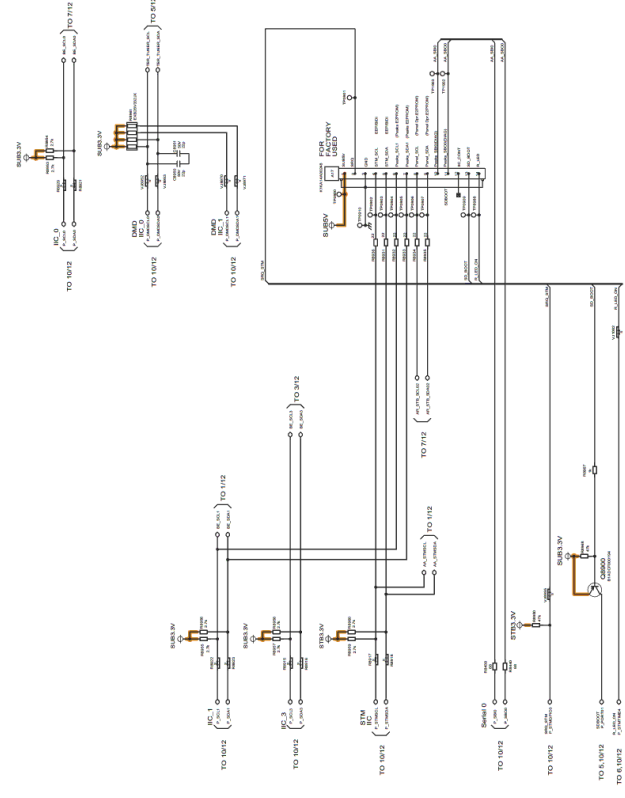
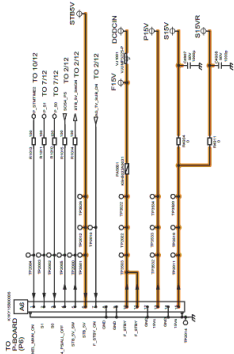


28 29 30 31 32 33 34 35 36

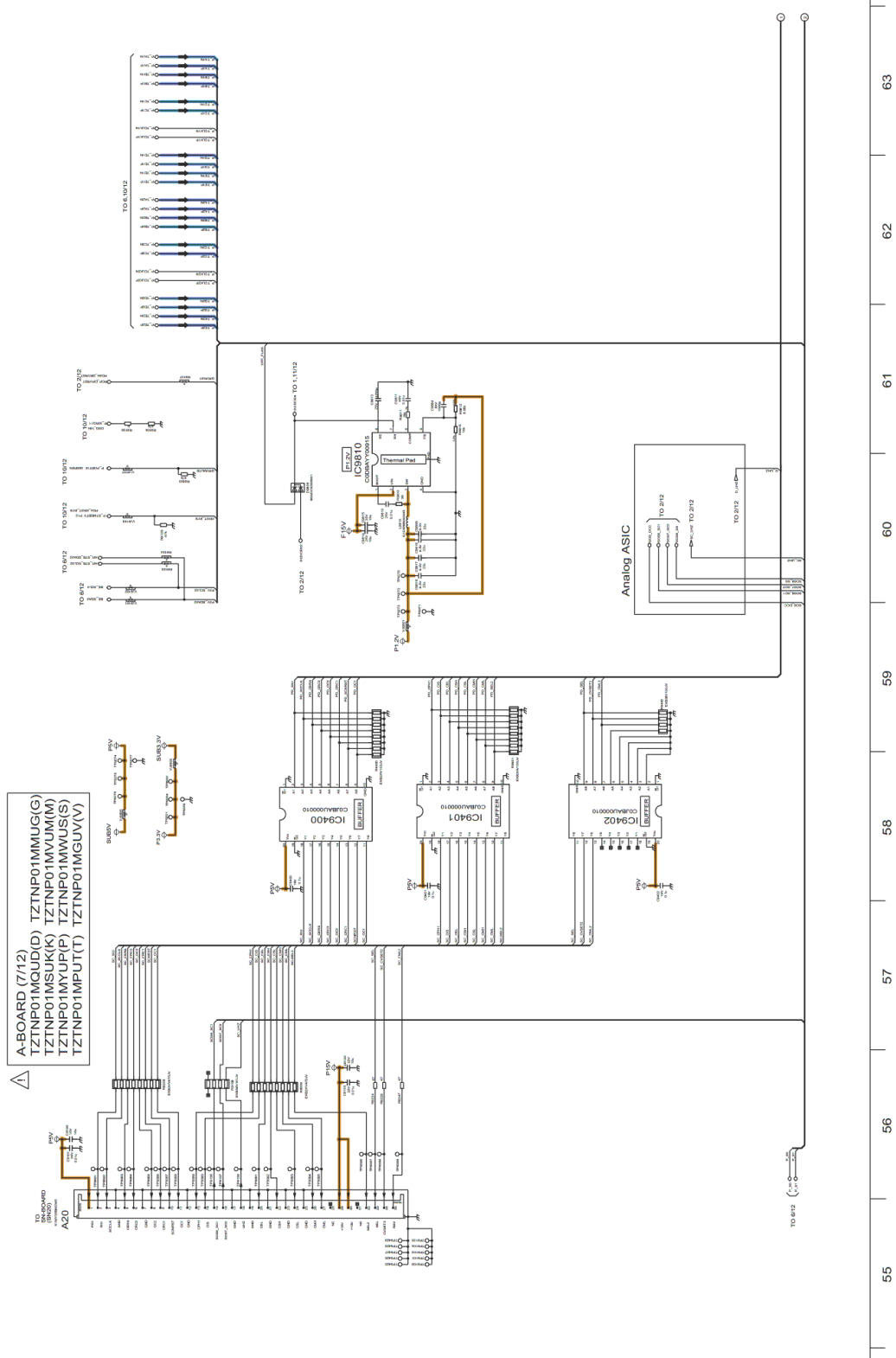


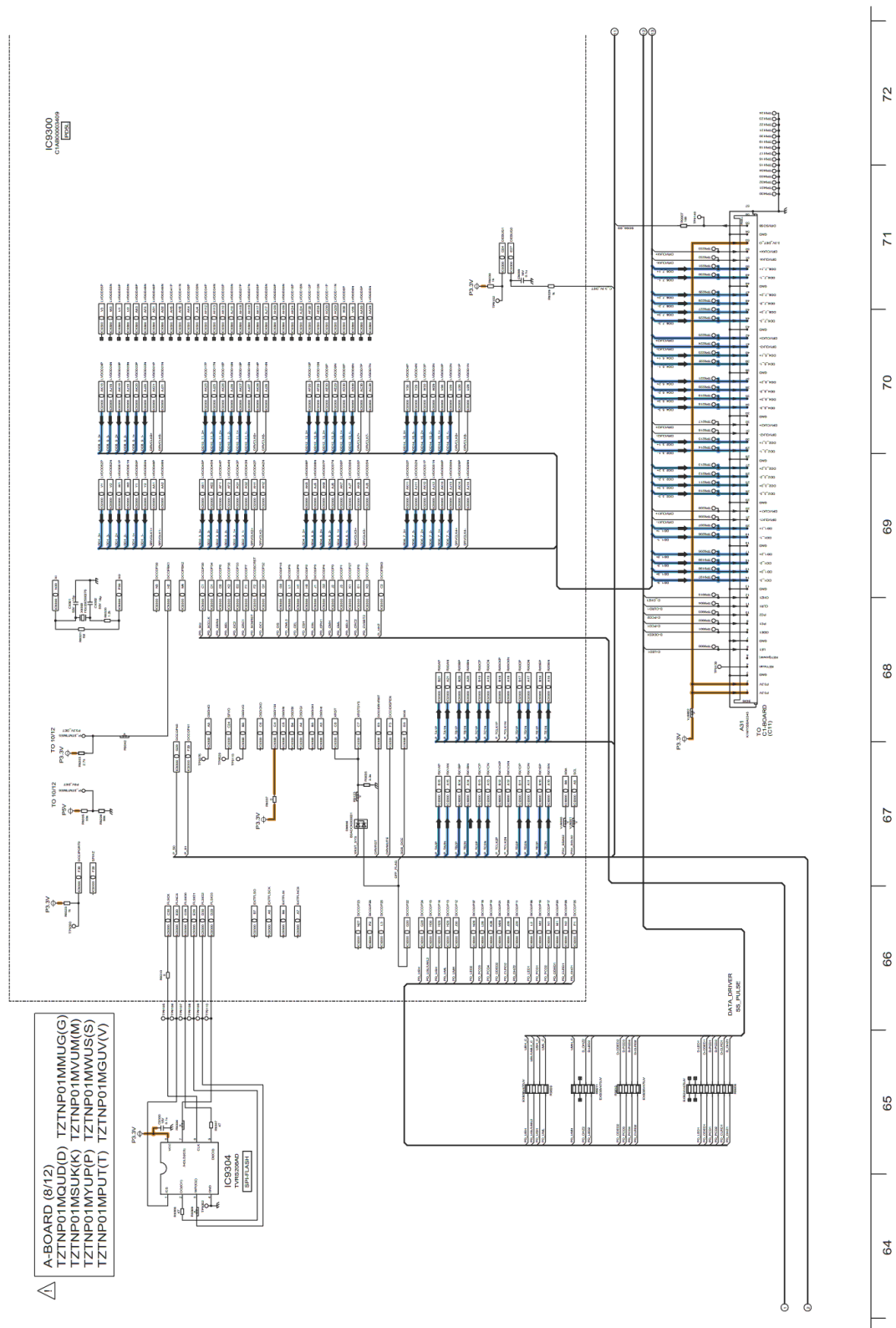


⚠ A-BOARD (6/12)  
TZTNP01MQUD(D) TZTNP01MMUG(G)  
TZTNP01MSUK(K) TZTNP01MVJM(M)  
TZTNP01MYUP(P) TZTNP01MWUS(S)  
TZTNP01MPUT(T) TZTNP01MGUV(V)

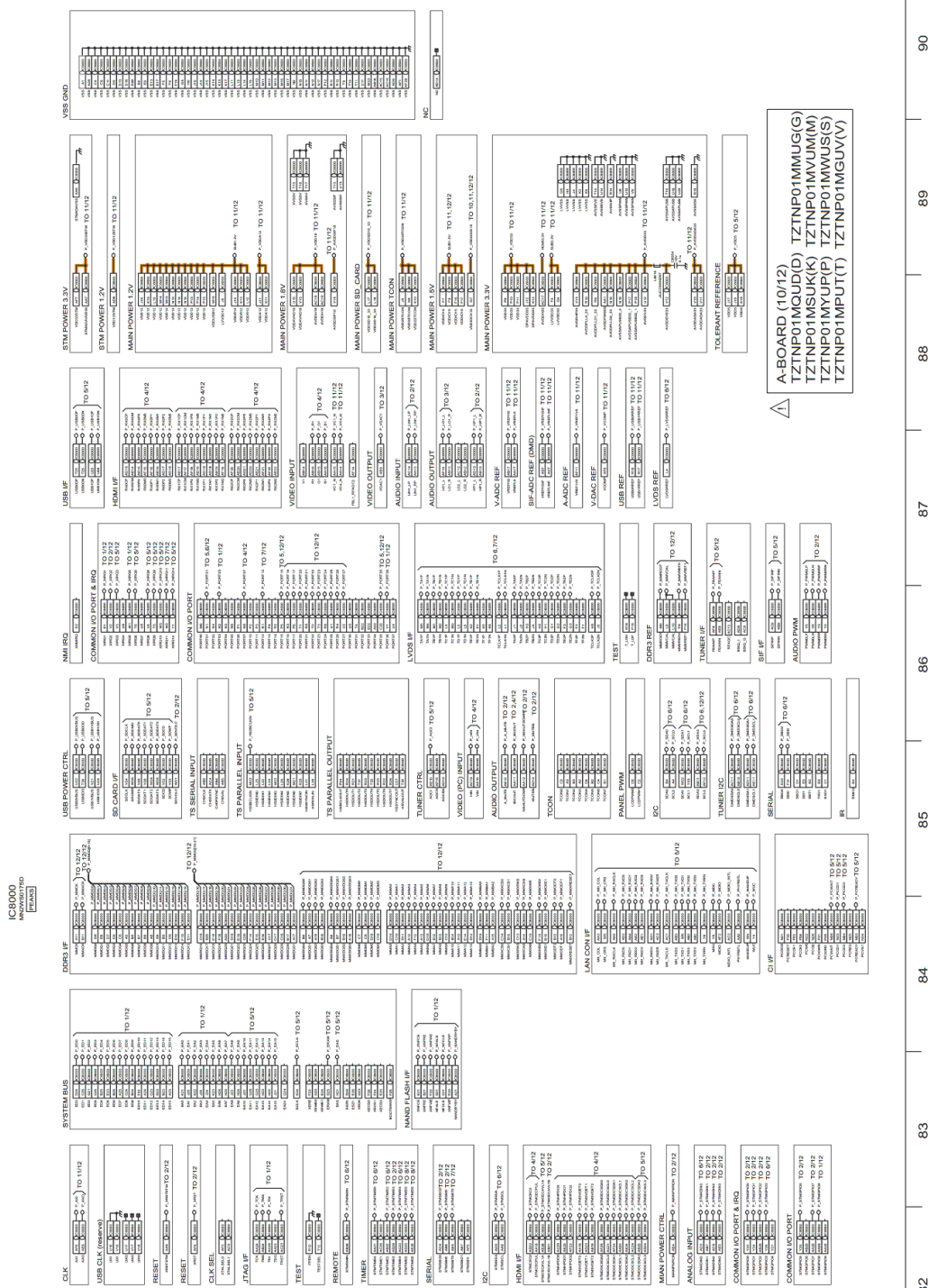


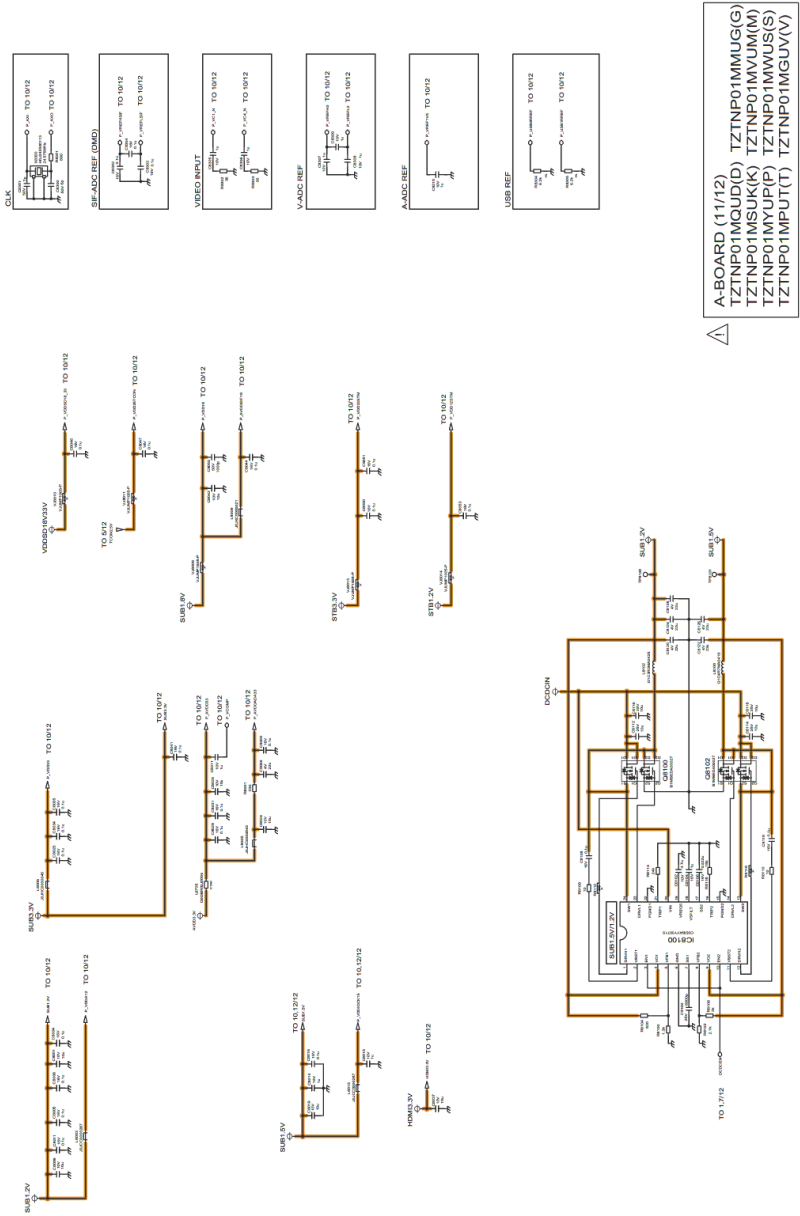
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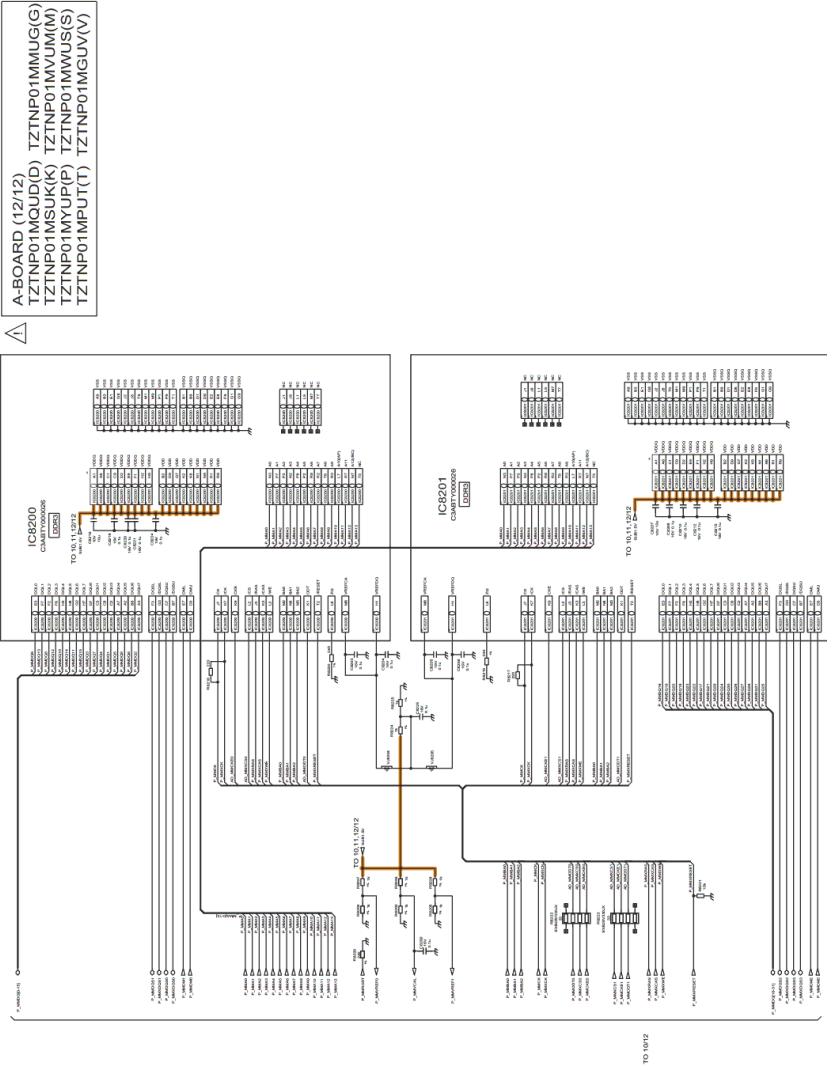








A-BOARD (11/12)  
TZ1NP01MQUD(D) TZ1NP01MMUG(G)  
TZ1NP01MSUK(K) TZ1NP01MVUM(M)  
TZ1NP01MYUP(P) TZ1NP01MWUS(S)  
TZ1NP01INPUT(I) TZ1NP01MGUV(V)



108

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105

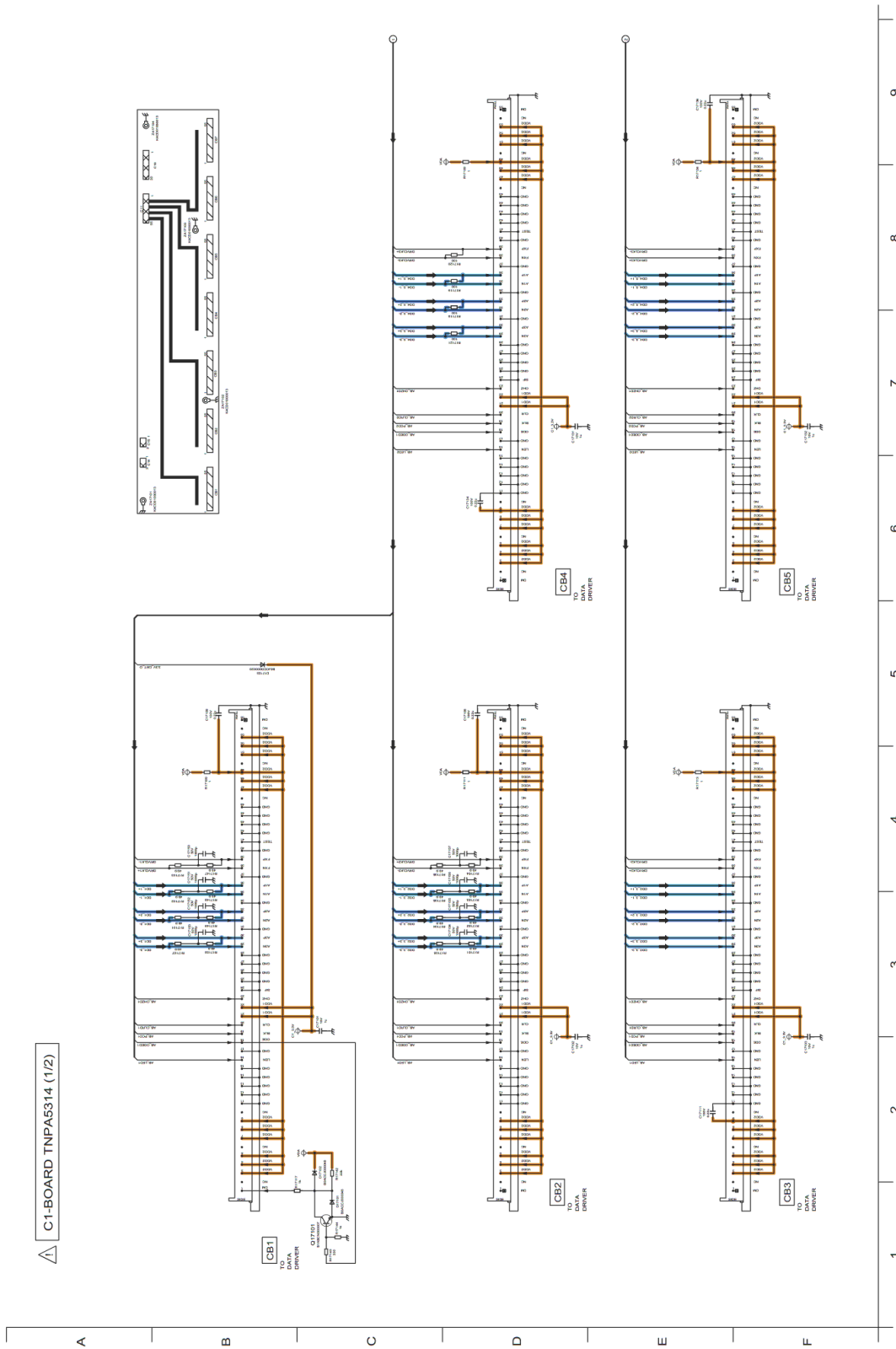
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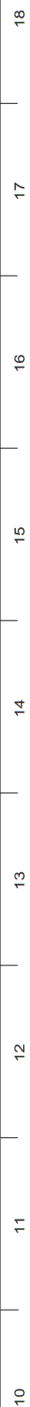
103

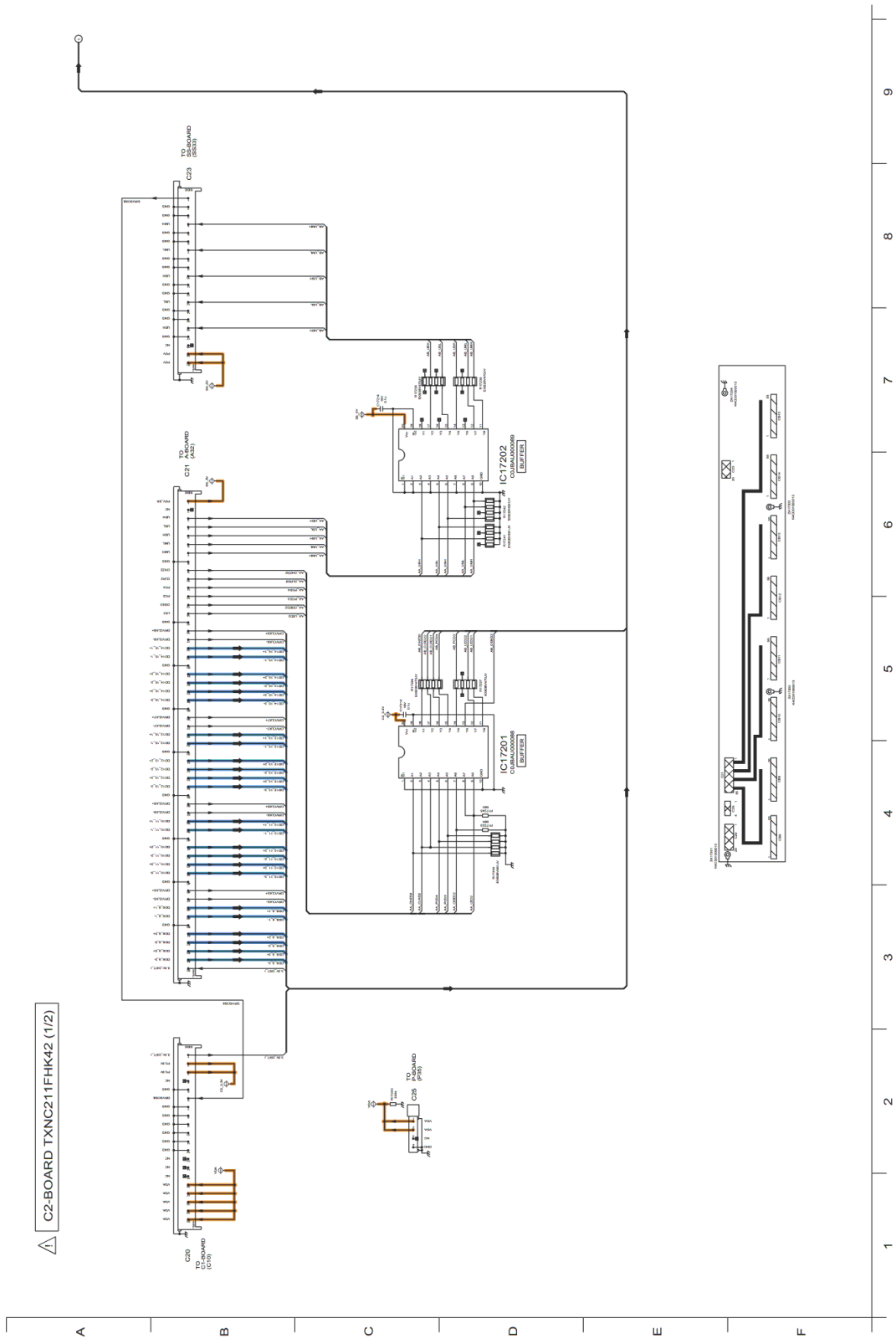
102

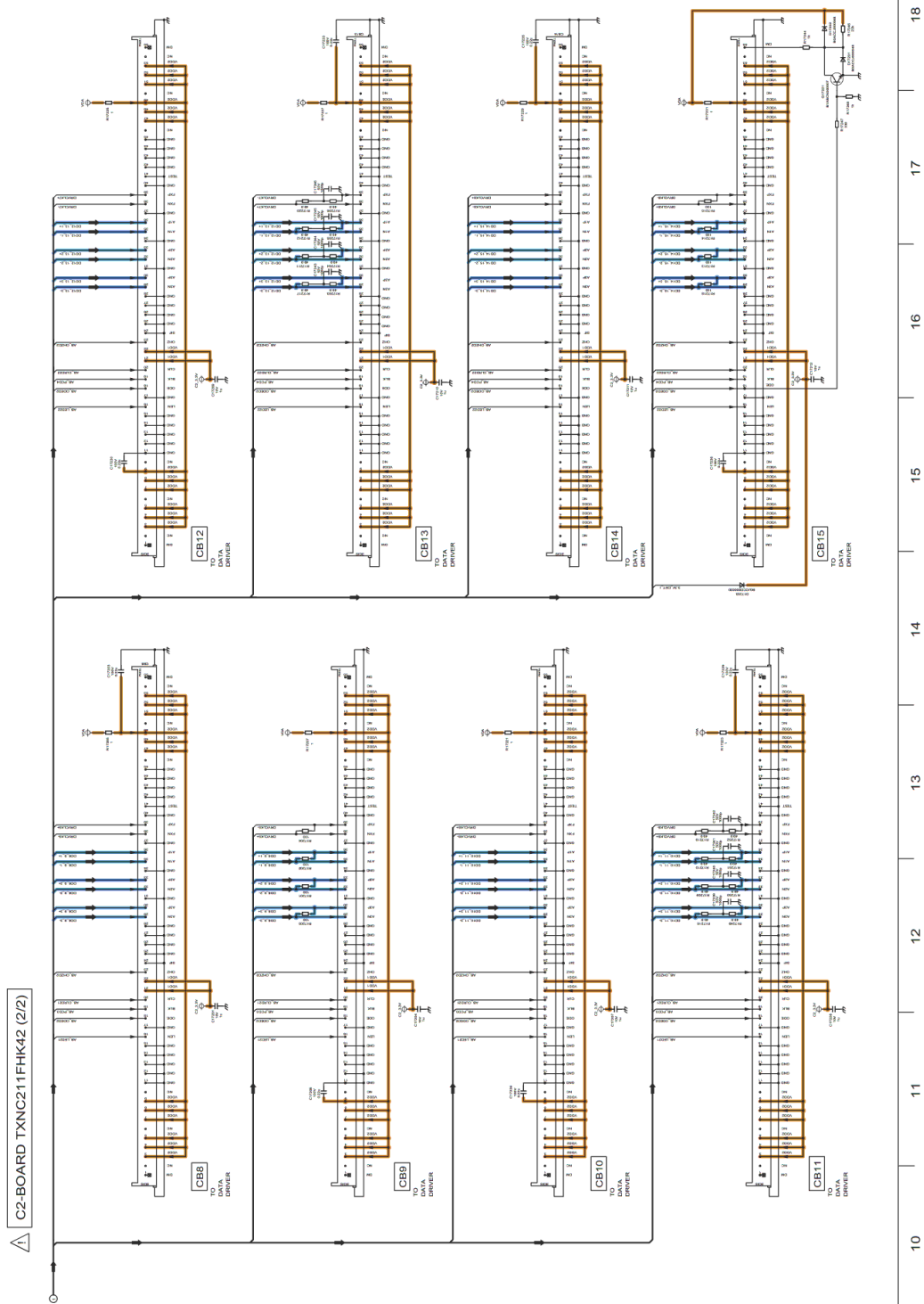
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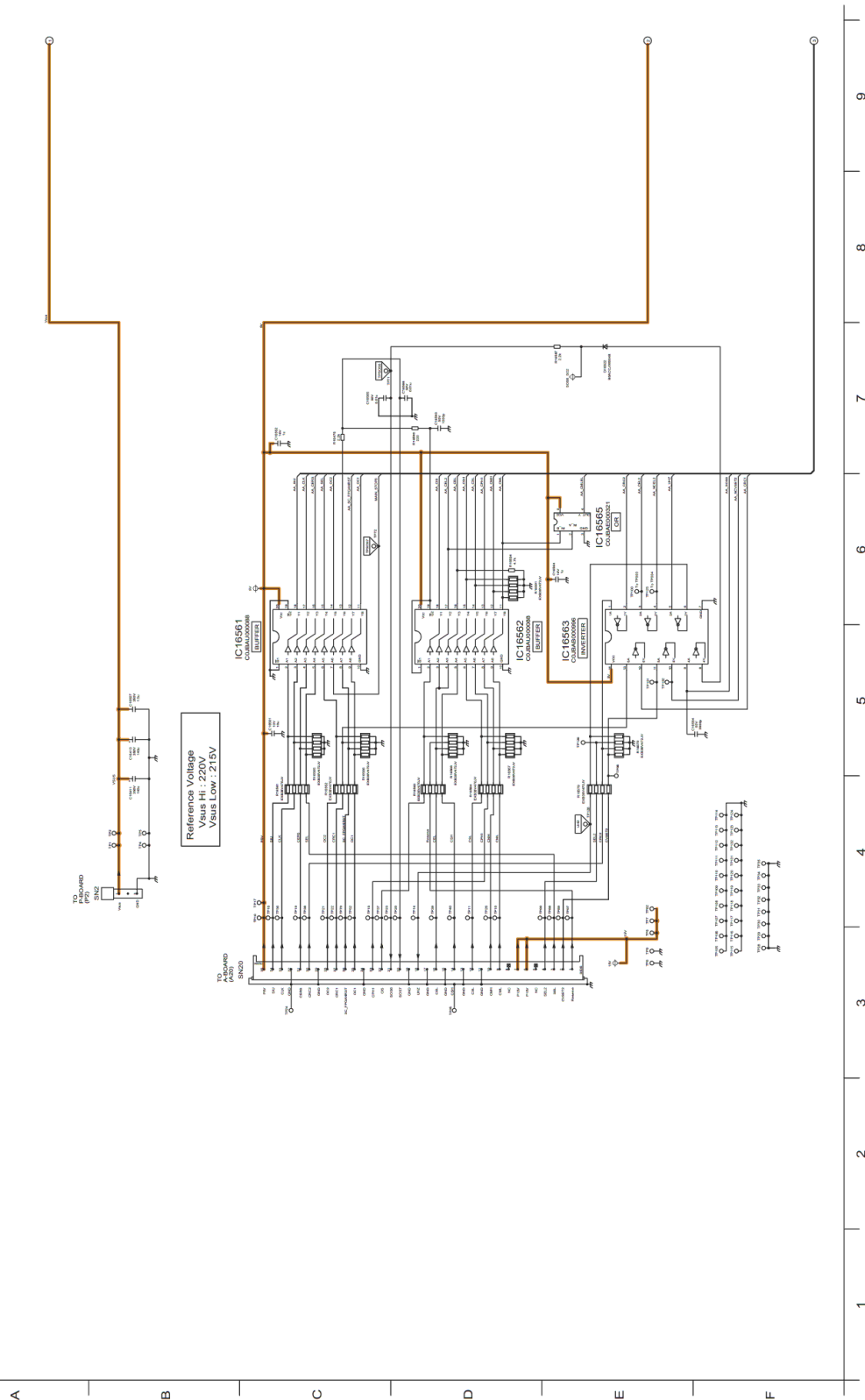
100



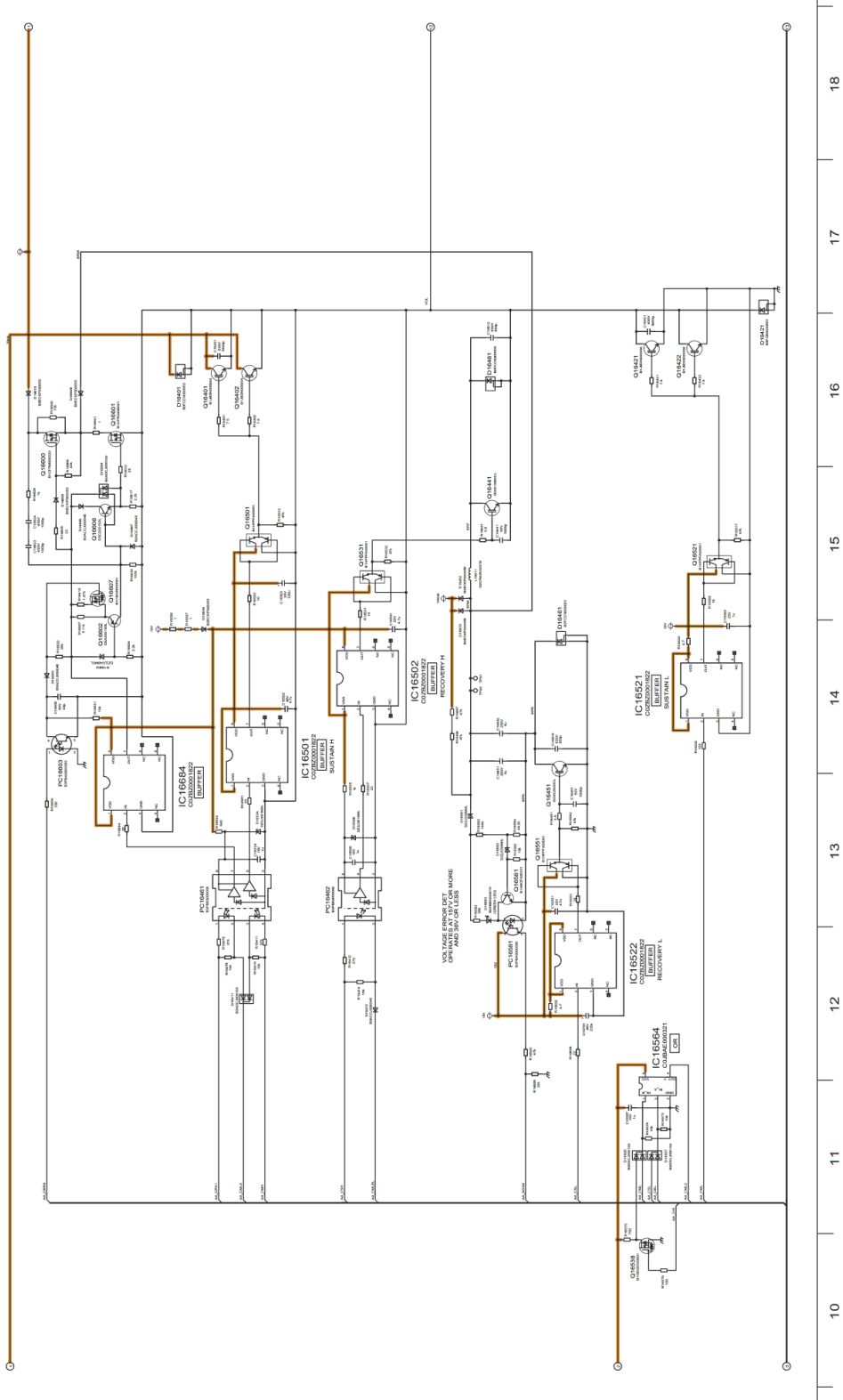


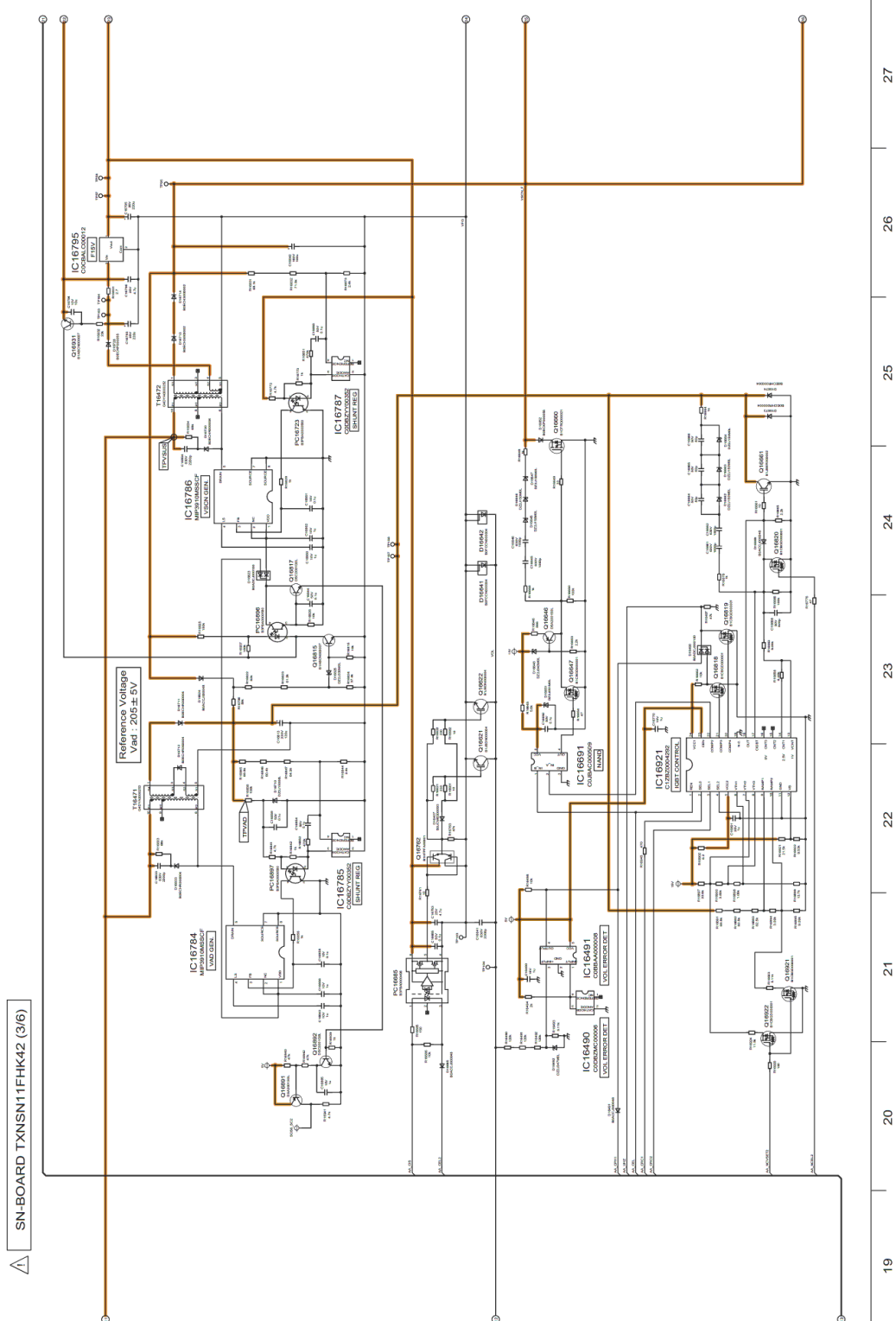


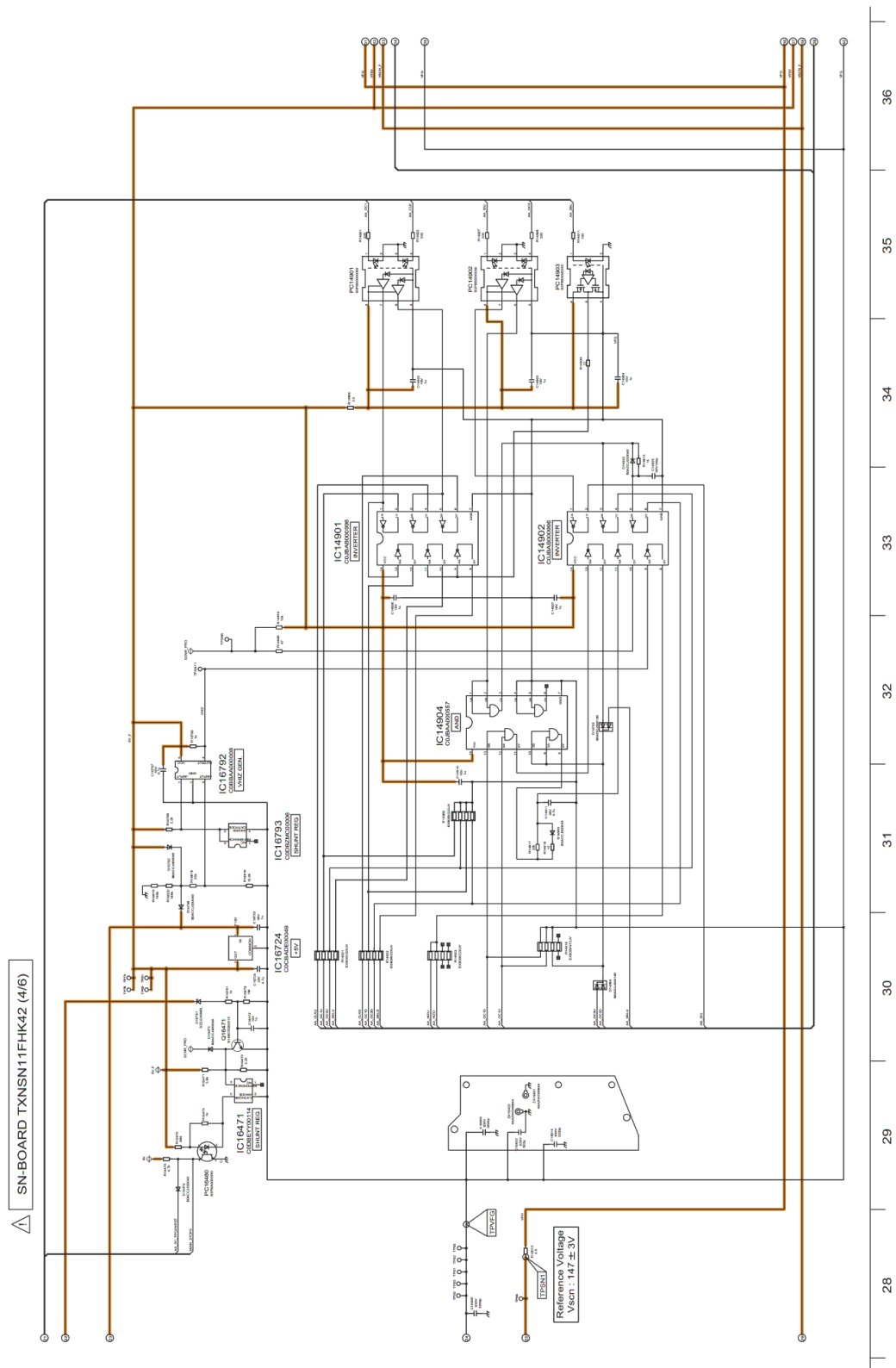


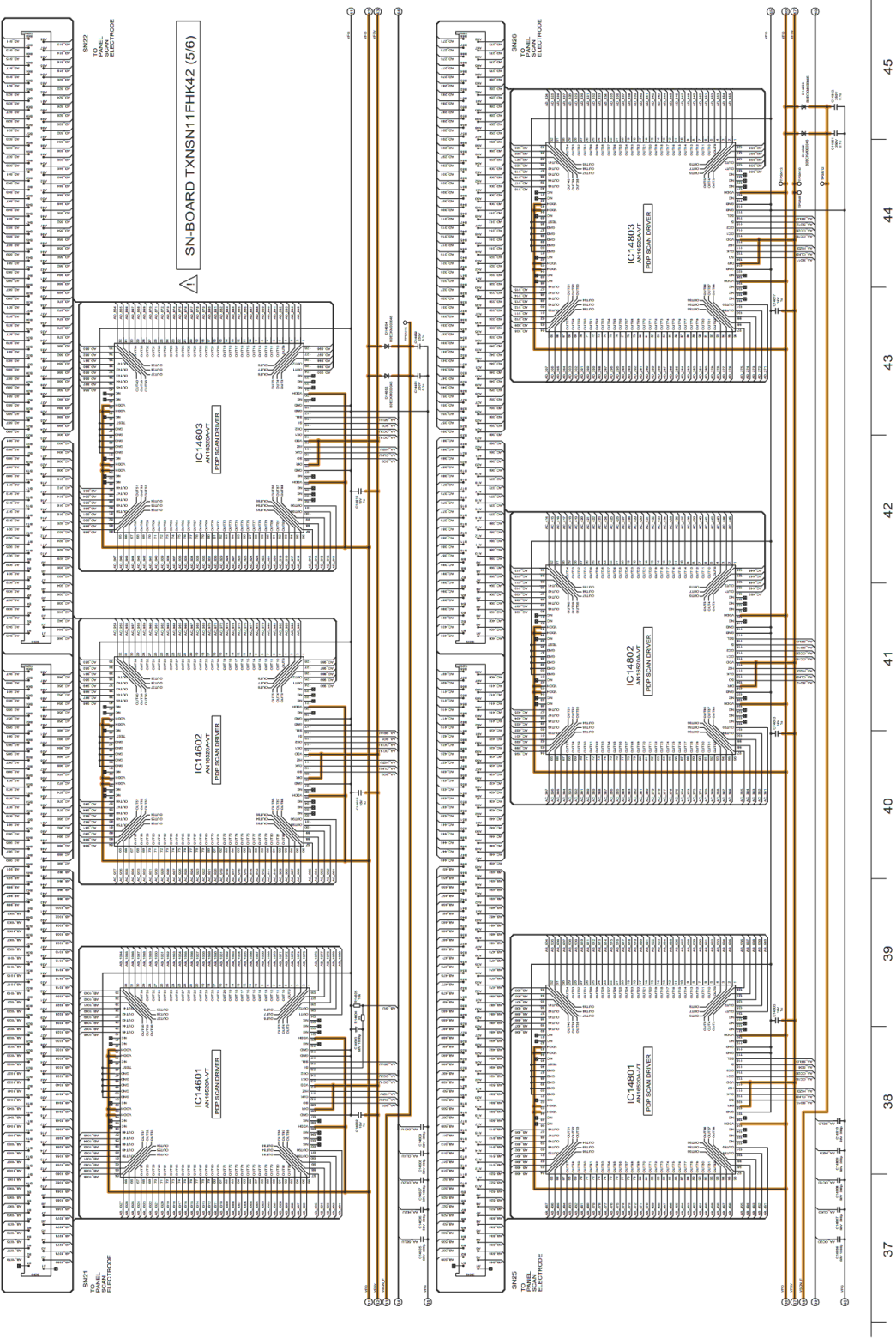


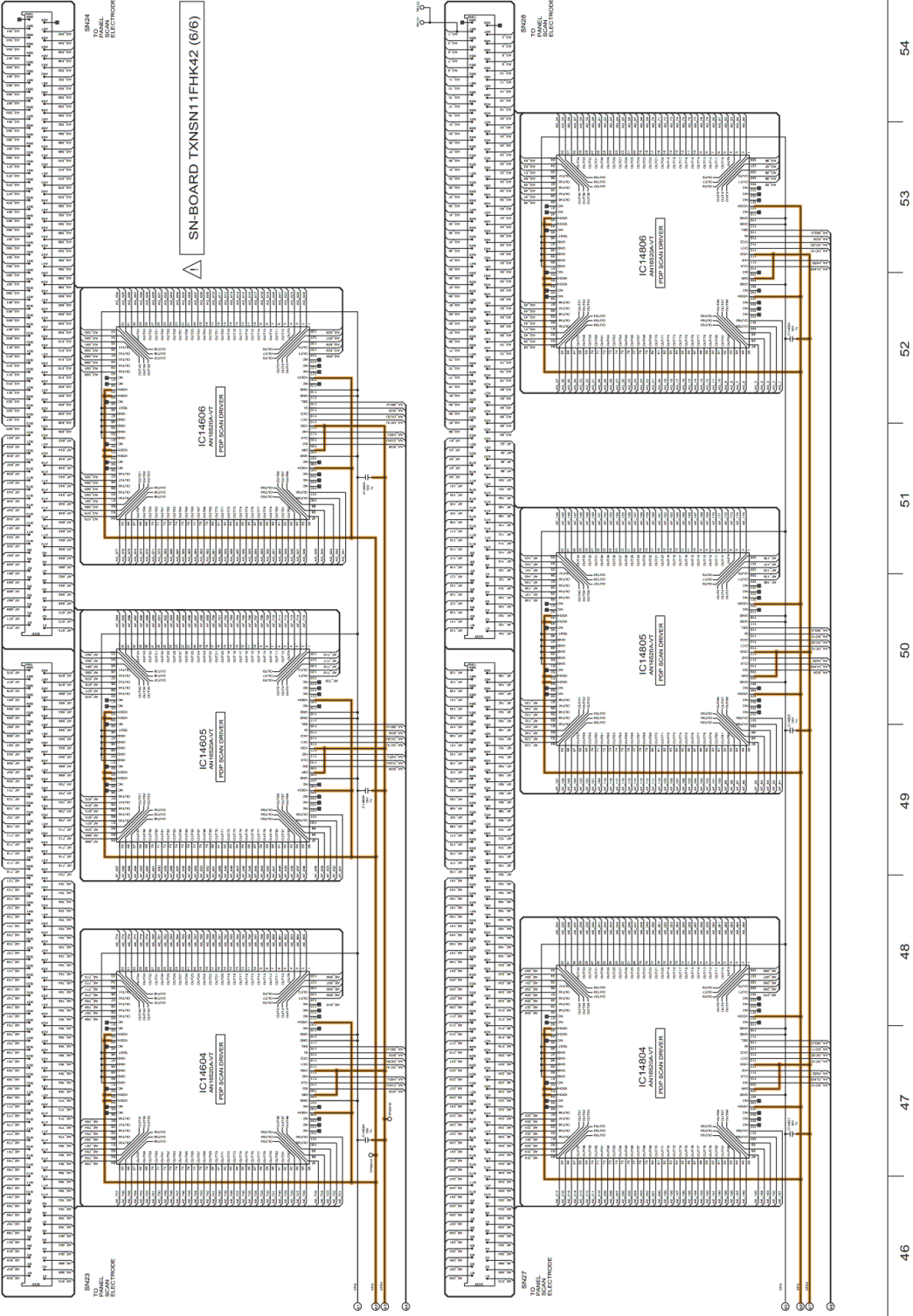
△ SN-BOARD TXNSN11FHK42 (2/6)





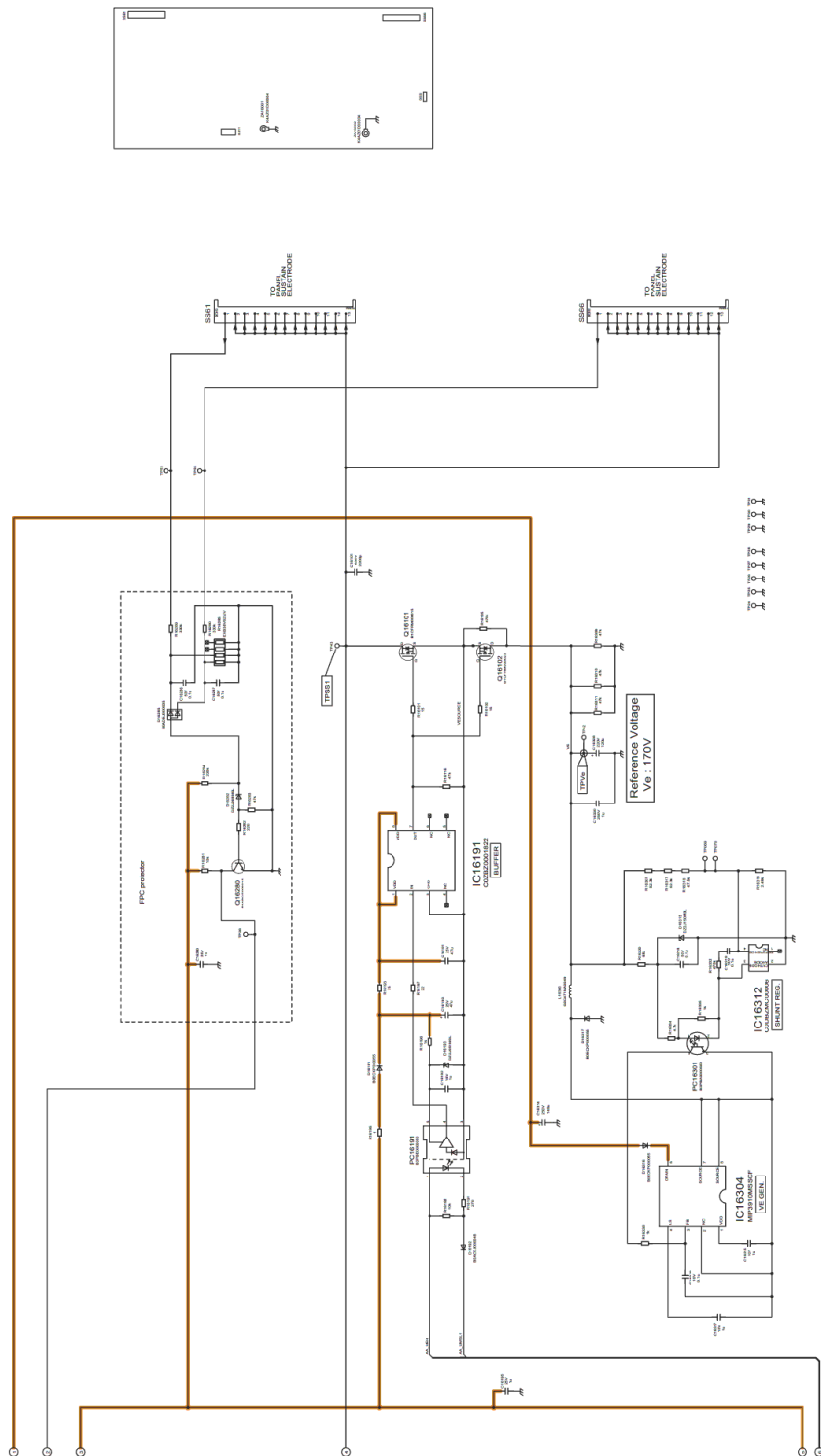




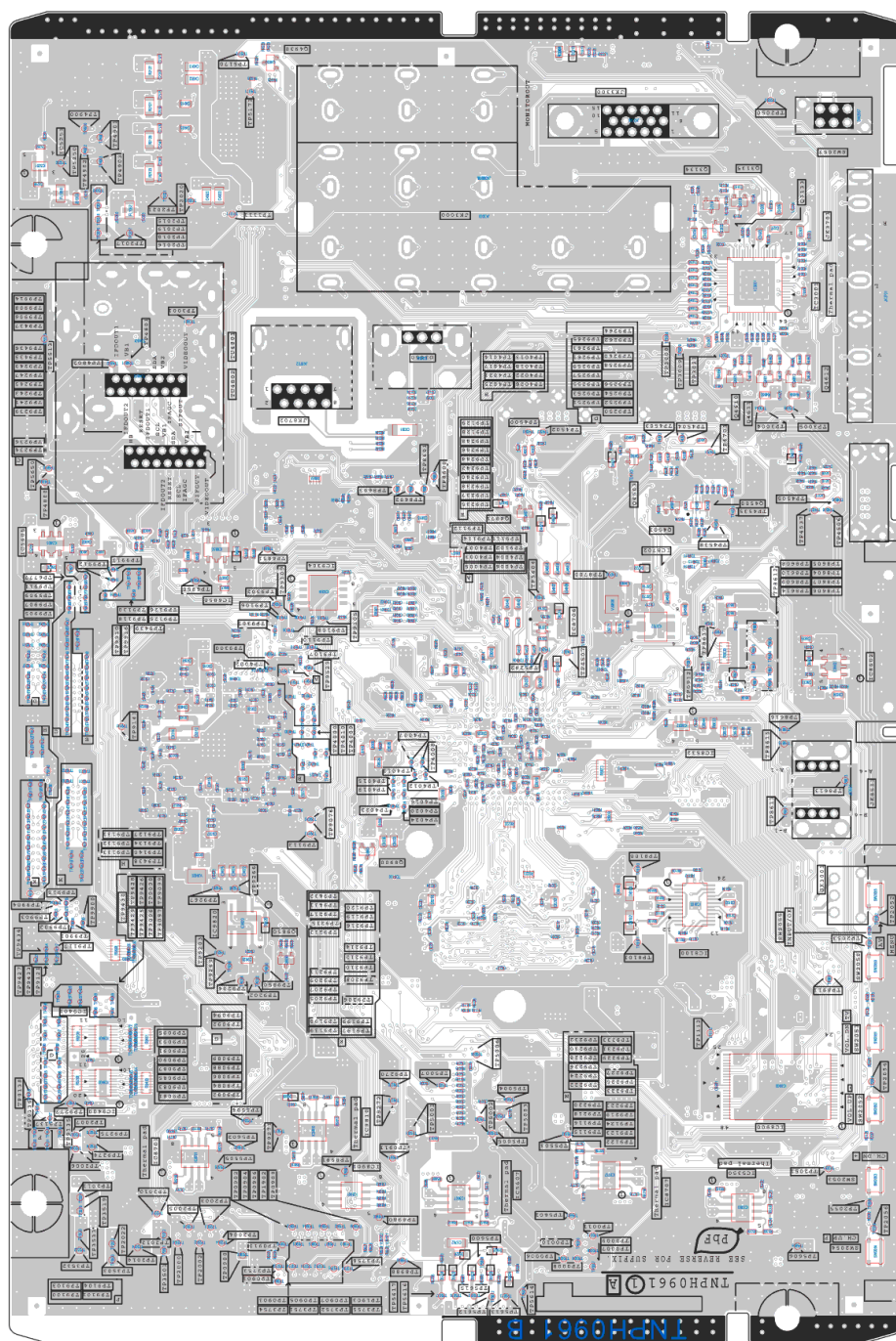


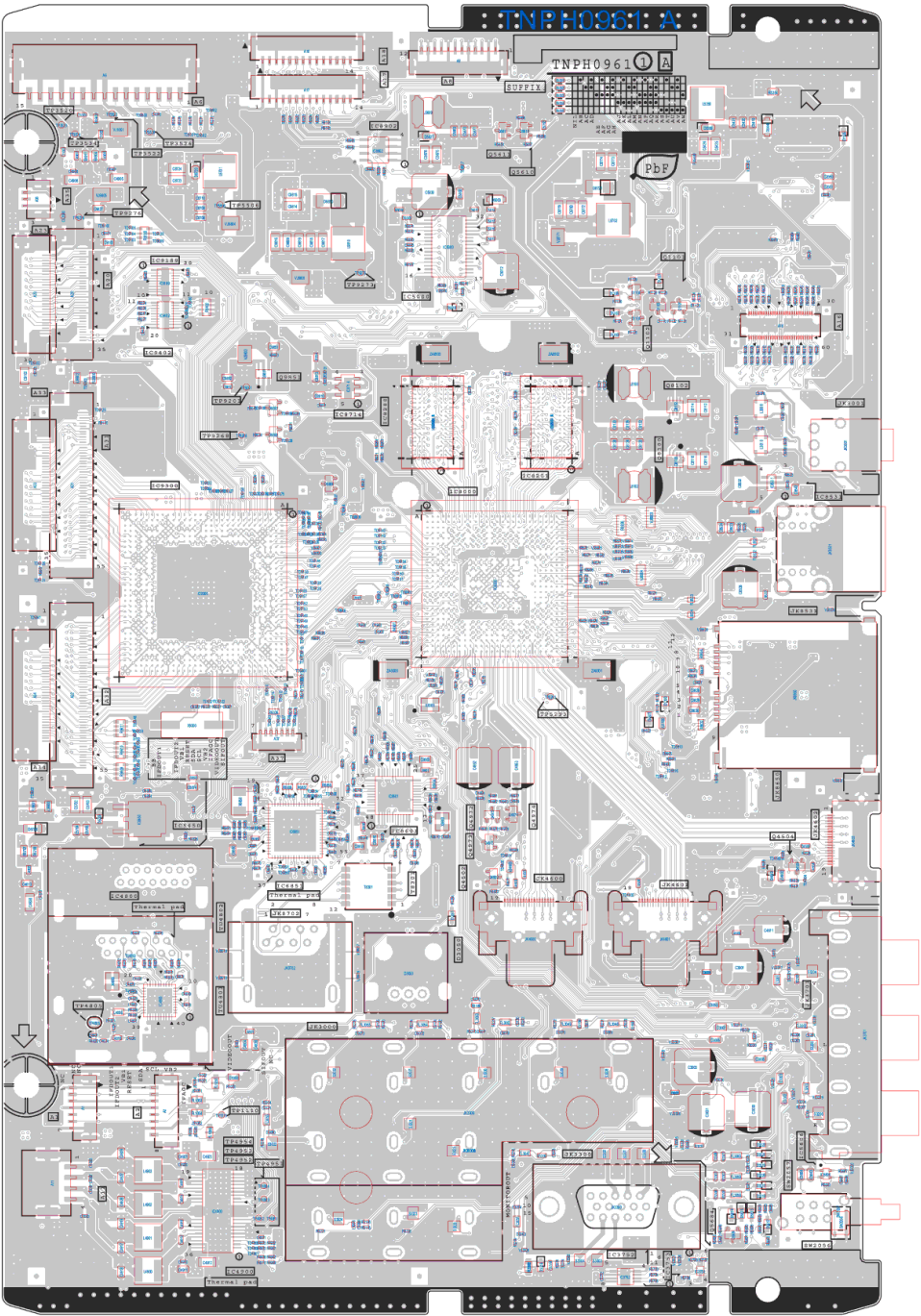


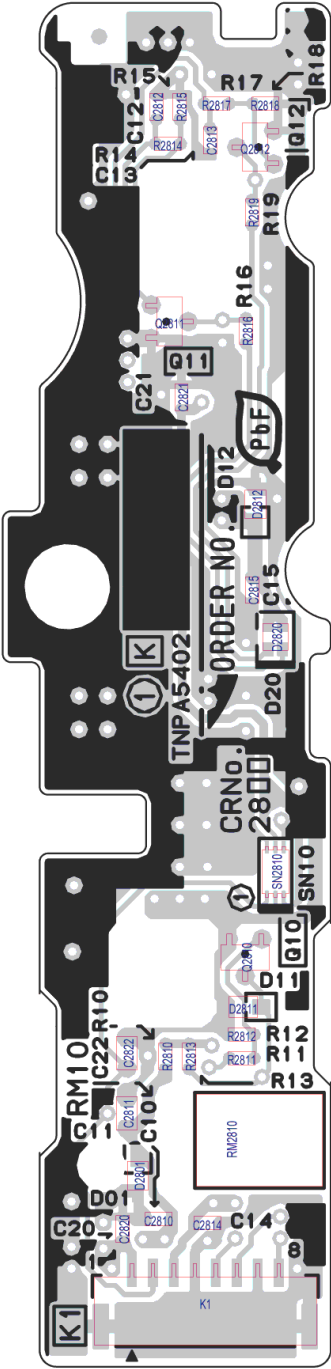
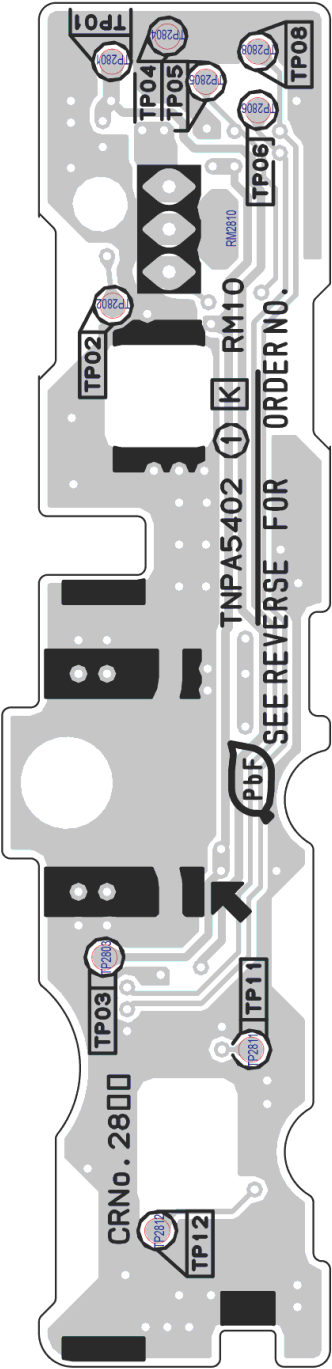
SS-BOARD TXNSS11FK42 (2/2)



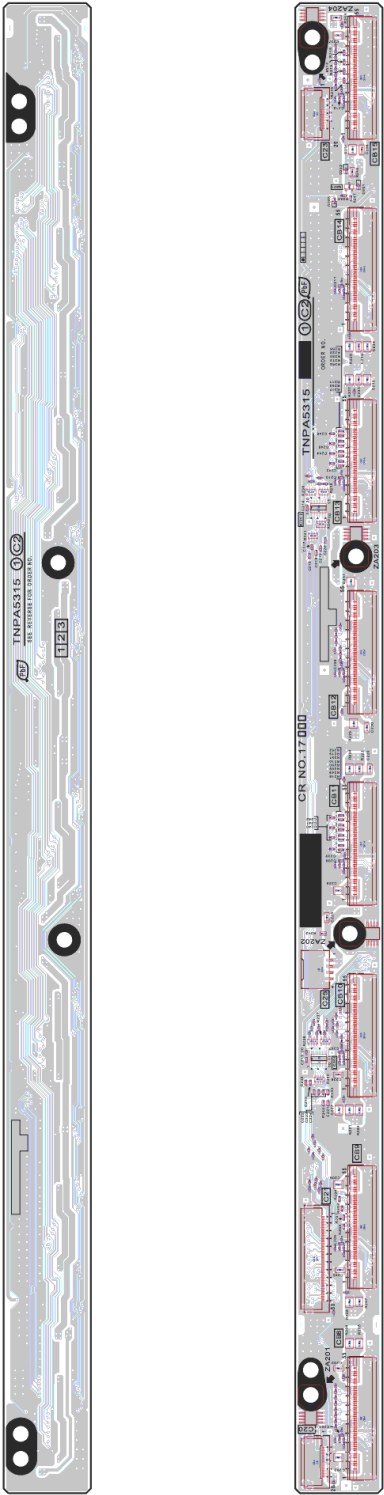
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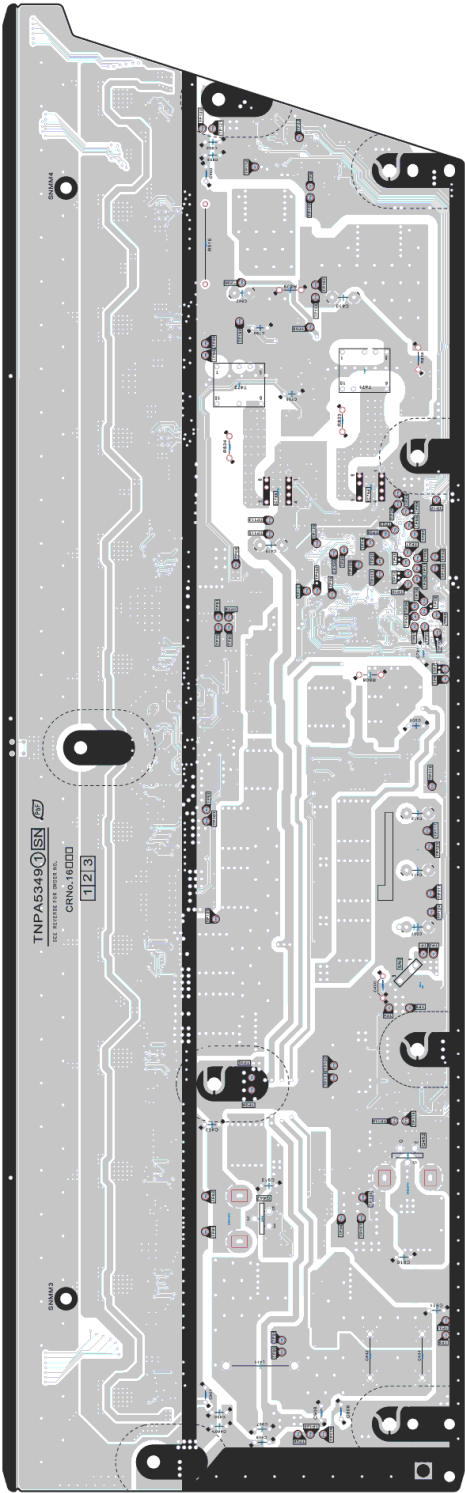


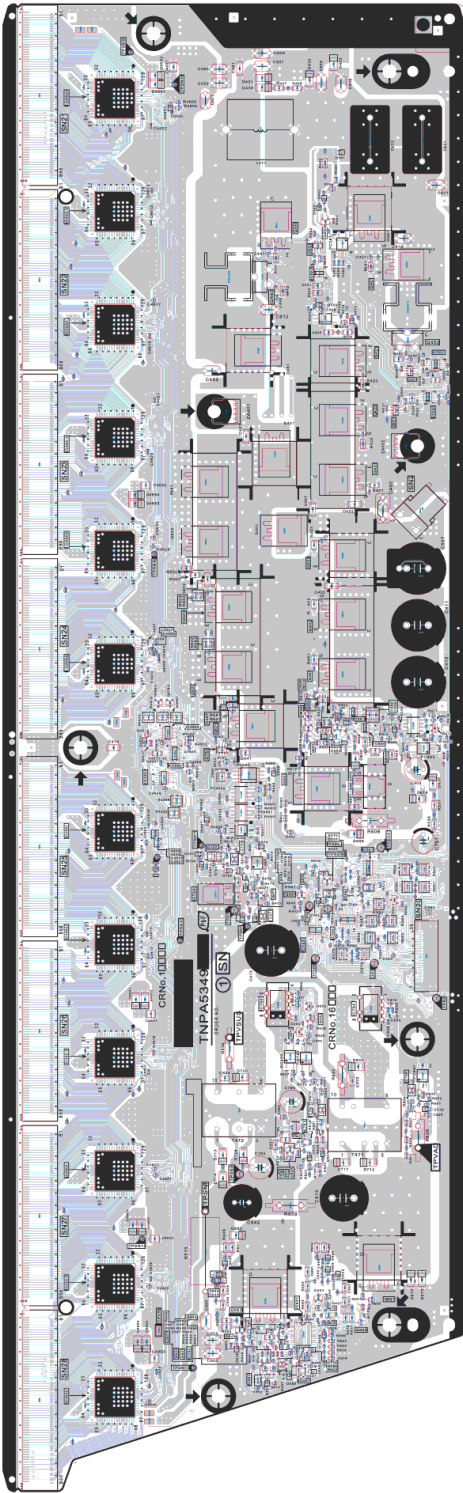


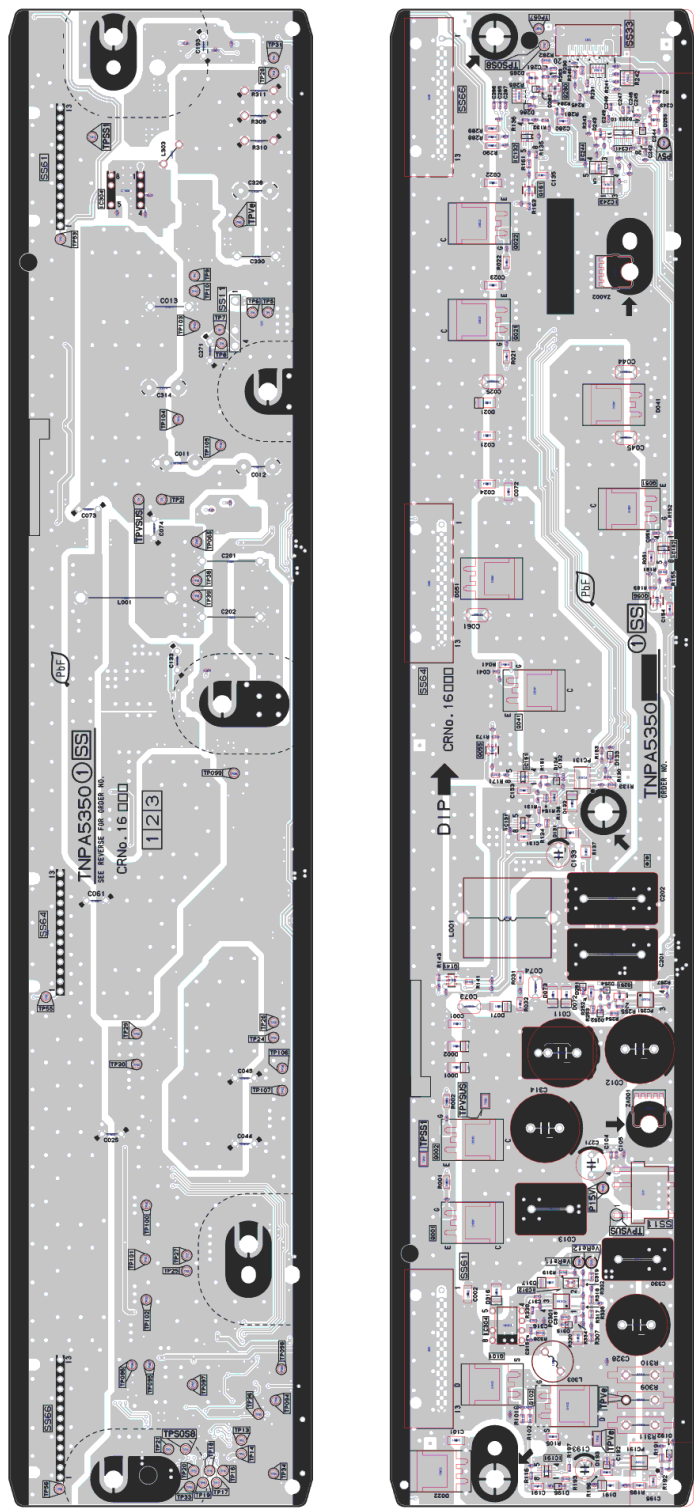












# Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List

| Safety                                                                            | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks          |
|-----------------------------------------------------------------------------------|----------|--------------|-------------------------|------|------------------|
|  | PCB      | TZTNP01MGUV  | A-PRINT COMPLETE        | 1    | (V) (RTL) PAVCTH |
|  | PCB      | TZTNP01MMUG  | A-PRINT COMPLETE        | 1    | (G) (RTL) PAVCTH |
|  | PCB      | TZTNP01MPUT  | A-PRINT COMPLETE        | 1    | (T) (RTL) PAVCTH |
|  | PCB      | TZTNP01MQUD  | A-PRINT COMPLETE        | 1    | (D) (RTL) PAVCTH |
|  | PCB      | TZTNP01MSUK  | A-PRINT COMPLETE        | 1    | (K) (RTL) PAVCTH |
|  | PCB      | TZTNP01MVUM  | A-PRINT COMPLETE        | 1    | (M) (RTL) PAVCTH |
|  | PCB      | TZTNP01MWUS  | A-PRINT COMPLETE        | 1    | (S) (RTL) PAVCTH |
|  | PCB      | TZTNP01MYUP  | A-PRINT COMPLETE        | 1    | (P) (RTL) PAVCTH |
|  | PCB      | N0AE5JK00008 | POWER SUPPLY UNIT       | 1    | PAVCTH           |
|  | PCB      | TNPA5314     | C1-PRINT COMPLETE       | 1    | (RTL)            |
|  | PCB      | TXNC211FHK42 | C2-PRINT COMPLETE       | 1    | (RTL) PAVCTH     |
|  | PCB      | TXNSN11FHK42 | SN-PRINT COMPLETE       | 1    | (RTL) PAVCTH     |
|  | PCB      | TXNSS11FHK42 | SS-PRINT COMPLETE       | 1    | (RTL) PAVCTH     |
|  | PCB      | TXN/K1NNUA42 | K-PRINT COMPLETE        | 1    | (RTL) PAVCTH     |
|                                                                                   | A2       | K1KY08AA0719 | 8P CONNECTOR            | 1    |                  |
|                                                                                   | A6       | K1KY15B00006 | 15P CONNECTOR           | 1    | PAVCTH           |
|                                                                                   | A11      | K1KY04B00013 | 4P CONNECTOR            | 1    | PAVCTH           |
|                                                                                   | A17      | K1KA14A00248 | 14P CONNECTOR           | 1    |                  |
|                                                                                   | A20      | K1MY35BA0345 | 35P CONNECTOR           | 1    |                  |
|                                                                                   | A31      | K1MY55BA0345 | 55P CONNECTOR           | 1    |                  |
|                                                                                   | A32      | K1MY55BA0345 | 55P CONNECTOR           | 1    |                  |
|                                                                                   | A35      | K1KY03AA0719 | 3P CONNECTOR            | 1    |                  |
|                                                                                   | C10      | K1MY20BA0345 | 20P CONNECTOR           | 1    |                  |
|                                                                                   | C11      | K1MY55BA0345 | 55P CONNECTOR           | 1    |                  |
|                                                                                   | C14      | K1KY03AA0719 | 3P CONNECTOR            | 1    |                  |
|                                                                                   | C20      | K1MY20BA0345 | 20P CONNECTOR           | 1    |                  |
|                                                                                   | C21      | K1MY55BA0345 | 55P CONNECTOR           | 1    |                  |
|                                                                                   | C23      | K1MY20BA0345 | 20P CONNECTOR           | 1    |                  |
|                                                                                   | C25      | K1KY04B00013 | 4P CONNECTOR            | 1    | PAVCTH           |
|                                                                                   | C027     | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C1052    | FLG1A105A047 | C 1UF 10V               | 1    |                  |
|                                                                                   | C1053    | FLG1C104A077 | C 0.1UF 16V             | 1    |                  |
|                                                                                   | C1090    | FLG1H1020008 | C 1000PF 50V            | 1    |                  |
|                                                                                   | C1091    | FLG1H1020008 | C 1000PF 50V            | 1    |                  |
|                                                                                   | C1092    | FLG1H1020008 | C 1000PF 50V            | 1    |                  |
|                                                                                   | C1093    | FLG1H1020008 | C 1000PF 50V            | 1    |                  |
|                                                                                   | C1101    | FLG1C104A077 | C 0.1UF 16V             | 1    |                  |
|                                                                                   | C1105    | FLG1E1030005 | C 0.01UF 25V            | 1    |                  |
|                                                                                   | C1110    | FLG1C104A077 | C 0.1UF 16V             | 1    |                  |
|                                                                                   | C2050    | FLJ1H102A721 | C 1000pF, 50V           | 1    |                  |
|                                                                                   | C2810    | ECJ1VB1H103K | C 0.01UF, 50V           | 1    |                  |
|                                                                                   | C2811    | FLJ1A106A087 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C2815    | ECJ1VB1H103K | C 0.01UF, 50V           | 1    |                  |
|                                                                                   | C2821    | ECJ1XB1C104K | C 0.1UF, Z, 16V         | 1    |                  |
|                                                                                   | C3001    | F2H1A101A040 | C 100UF, 10V            | 1    | PAVCTH           |
|                                                                                   | C3005    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3006    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3007    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3011    | FLG1C104A077 | C 0.1UF 16V             | 1    |                  |
|                                                                                   | C3023    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3026    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3028    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3032    | FLG1C104A077 | C 0.1UF 16V             | 1    |                  |
|                                                                                   | C3033    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3034    | FLJ1A106A043 | C 10UF, 10V             | 1    |                  |
|                                                                                   | C3035    | FLG1C104A077 | C 0.1UF 16V             | 1    |                  |
|                                                                                   | C3036    | ECJ1VB1A105K | C 1UF, 10V              | 1    |                  |
|                                                                                   | C3037    | ECJ1VB1A105K | C 1UF, 10V              | 1    |                  |
|                                                                                   | C3038    | ECJ1VB1A105K | C 1UF, 10V              | 1    |                  |

**Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List**

| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C3039    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C3045    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C3046    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C3047    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C3048    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C3049    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C3053    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C3054    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C3065    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3066    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3067    | FlG1E333A091 | C 0.033UF 25V           | 1    |         |
|        | C3068    | FlG1E333A091 | C 0.033UF 25V           | 1    |         |
|        | C3130    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3131    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3134    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3135    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3157    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C3201    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3301    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C3302    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C3303    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C3704    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C3753    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C4500    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C4505    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C4619    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C4622    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C4625    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C4802    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C4805    | FlG1H220A565 | C 22PF, 50V             | 1    | (G) (S) |
|        | C4806    | FlG1C104A077 | C 0.1UF 16V             | 1    | (G) (S) |
|        | C4810    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C4811    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C4813    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C4816    | FlG1C104A077 | C 0.1UF 16V             | 1    | (G) (S) |
|        | C4817    | FlG1C104A077 | C 0.1UF 16V             | 1    | (G) (S) |
|        | C4819    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4820    | FlG1H330A565 | C 33PF, 50V             | 1    |         |
|        | C4821    | FlG1H330A565 | C 33PF, 50V             | 1    |         |
|        | C4823    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4827    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4828    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4829    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4830    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4834    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C4836    | FLJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C4837    | FlG1H220A565 | C 22PF, 50V             | 1    |         |
|        | C4901    | FlG1H221A571 | C 220PF, 50V            | 1    |         |
|        | C4902    | FlG1H221A571 | C 220PF, 50V            | 1    |         |
|        | C4903    | FlG1H221A571 | C 220PF, 50V            | 1    |         |
|        | C4904    | FlG1H221A571 | C 220PF, 50V            | 1    |         |
|        | C4907    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4908    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4910    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4911    | FLJ1E105A231 | C 1 UF 25V              | 1    |         |
|        | C4912    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C4913    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C4914    | FlH1H104A970 | C 0.1UF, , 50V          | 1    |         |
|        | C4915    | FLJ1E105A231 | C 1 UF 25V              | 1    |         |
|        | C4916    | FlH1H104A970 | C 0.1UF, , 50V          | 1    |         |
|        | C4918    | FLJ1E4740001 | C 0.47UF, 25V           | 1    | PAVCTH  |
|        | C4919    | FLJ1E4740001 | C 0.47UF, 25V           | 1    | PAVCTH  |

**Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List**

| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C4920    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C4921    | FlJ1E105A231 | C 1 UF 25V              | 1    |         |
|        | C4922    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C4923    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C4924    | FlH1H104A970 | C 0.1UF, , 50V          | 1    |         |
|        | C4925    | FlJ1E105A231 | C 1 UF 25V              | 1    |         |
|        | C4926    | FlH1H104A970 | C 0.1UF, , 50V          | 1    |         |
|        | C4928    | FlJ1E4740001 | C 0.47UF, 25V           | 1    | PAVCTH  |
|        | C4929    | FlJ1E4740001 | C 0.47UF, 25V           | 1    | PAVCTH  |
|        | C4930    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C4931    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C4941    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C4942    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C4952    | F2H1A101A040 | C 100UF, 10V            | 1    | PAVCTH  |
|        | C4953    | F2H1A101A040 | C 100UF, 10V            | 1    | PAVCTH  |
|        | C4954    | FlG1E333A091 | C 0.033UF 25V           | 1    |         |
|        | C4955    | FlG1E333A091 | C 0.033UF 25V           | 1    |         |
|        | C5000    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C5002    | FlJ1E105A231 | C 1 UF 25V              | 1    |         |
|        | C5003    | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C5011    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C5012    | EEH1B1C101UF | C 100PF, J, 16V         | 1    |         |
|        | C5013    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C5014    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C5015    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C5016    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C5017    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C5018    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C5020    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C5255    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C5256    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C5418    | FlG1C223A081 | C 0.022UF, 16V          | 1    |         |
|        | C5419    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C5420    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C5422    | FlG1A333A032 | C0.033UF, 10V           | 1    |         |
|        | C5423    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C5426    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C5700    | FlH0J475A041 | C 4.7UF, 16V            | 1    |         |
|        | C5701    | FlH0J475A041 | C 4.7UF, 16V            | 1    |         |
|        | C5702    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C5703    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8001    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8004    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8005    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8006    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8009    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8011    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8014    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8015    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8016    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8019    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8023    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8024    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8025    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8026    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8028    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8029    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8031    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8034    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8035    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8037    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8041    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C8042    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8044    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8046    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8047    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8050    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8051    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8053    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8054    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8055    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C8100    | FlG1E682A123 | C 6800 pF 25 V          | 1    |         |
|        | C8102    | FlJ1A475A087 | C 4.7UF, 10V            | 1    |         |
|        | C8104    | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C8106    | FlG1C223A081 | C 0.022UF, 16V          | 1    |         |
|        | C8108    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8110    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8112    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8114    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8116    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8118    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8120    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8122    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8124    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8126    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8128    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8200    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8203    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8204    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8205    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8206    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8207    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8208    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8210    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8212    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8215    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8216    | FlJ1A106A087 | C 10UF, 10V             | 1    |         |
|        | C8218    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8220    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8221    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8224    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8225    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8300    | FlG1H6R0A732 | C 6.0PF, 50V            | 1    |         |
|        | C8301    | FlG1H7R0A732 | C 7PF, 50V              | 1    |         |
|        | C8302    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8303    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8304    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8305    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8306    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8307    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8308    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8309    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8310    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8311    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C8532    | EEHBOJ221UP  | E 220UF, 6.3V           | 1    |         |
|        | C8534    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8535    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8536    | EEHBOJ221UP  | E 220UF, 6.3V           | 1    |         |
|        | C8538    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8539    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8542    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8543    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8544    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8545    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C8565    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8570    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8603    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8604    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8605    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8607    | FlG1H100A565 | C 10PF 50V              | 1    |         |
|        | C8608    | FlG1H100A565 | C 10PF 50V              | 1    |         |
|        | C8609    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8611    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8615    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8616    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8619    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8620    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8627    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8629    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8630    | FlJ0G2260001 | C 22 UF 4 V             | 1    |         |
|        | C8707    | FlG1C223A081 | C 0.022UF, 16V          | 1    |         |
|        | C8708    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8709    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8711    | FlG1A333A032 | C0.033UF, 10V           | 1    |         |
|        | C8712    | FlG1H5610004 | C 560 pF 50 V           | 1    | PAVCTH  |
|        | C8714    | FlJ1A475A087 | C 4.7UF, 10V            | 1    |         |
|        | C8715    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8716    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8717    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8724    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8764    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C8765    | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C8773    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8774    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C8775    | FlG1C223A081 | C 0.022UF, 16V          | 1    |         |
|        | C8776    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C8777    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C8779    | FlK0J226A049 | C 22UF, 6.3V            | 1    | PAVCTH  |
|        | C8780    | FlK0J226A049 | C 22UF, 6.3V            | 1    | PAVCTH  |
|        | C8810    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8813    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C8900    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8901    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8902    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8903    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C8950    | FlG1H220A565 | C 22PF, 50V             | 1    |         |
|        | C8951    | FlG1H220A565 | C 22PF, 50V             | 1    |         |
|        | C9099    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9100    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9101    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C9102    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C9103    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C9300    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9301    | FlG1H150A565 | C 15PF, 50V             | 1    |         |
|        | C9302    | FlG1H180A565 | C 18PF, 50V             | 1    |         |
|        | C9308    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9311    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9312    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9313    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9314    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9316    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9328    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9330    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9331    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9332    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9335    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C9336    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9337    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9347    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9351    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9352    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9362    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9366    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9371    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9375    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9380    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9389    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9392    | FlJ1A106A043 | C 10UF, 10V             | 1    |         |
|        | C9400    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9401    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9402    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9404    | FlG1C104A077 | C 0.1UF 16V             | 1    |         |
|        | C9409    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9411    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9413    | FlG1A105A047 | C 1UF 10V               | 1    |         |
|        | C9809    | FlK0J226A049 | C 22UF, 6.3V            | 1    | PAVCTH  |
|        | C9810    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C9811    | FlG1E1030005 | C 0.01UF 25V            | 1    |         |
|        | C9813    | FlG1E472A086 | C 4700pF 25V            | 1    |         |
|        | C9814    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C9815    | FlK1E106A136 | C 10UF, 25V             | 1    |         |
|        | C9817    | FlK0J226A049 | C 22UF, 6.3V            | 1    | PAVCTH  |
|        | C9818    | FlK0J226A049 | C 22UF, 6.3V            | 1    | PAVCTH  |
|        | C9819    | FlK0J226A049 | C 22UF, 6.3V            | 1    | PAVCTH  |
|        | C9854    | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C14602   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14603   | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C14605   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14606   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14607   | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C14608   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14609   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14612   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14616   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14620   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14629   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14633   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14651   | FlL2E104A028 | C 0.10UF, 250V          | 1    |         |
|        | C14652   | FlL2E104A028 | C 0.10UF, 250V          | 1    |         |
|        | C14803   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14806   | FlG1H1020008 | C 1000PF 50V            | 1    |         |
|        | C14807   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14808   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14809   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14810   | FlG1H391A731 | C 390PF, 50V            | 1    |         |
|        | C14813   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14817   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14821   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14825   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14834   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14851   | FlL2E104A028 | C 0.10UF, 250V          | 1    |         |
|        | C14852   | FlL2E104A028 | C 0.10UF, 250V          | 1    |         |
|        | C14902   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14903   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14904   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14905   | FlG1H101A565 | C 100PF 50V             | 1    |         |
|        | C14906   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14907   | FlH1C105A145 | C 1 uF 16 V             | 1    |         |

**Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List**

| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C14910   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C14911   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16001   | F1L2J562A022 | C 5600PF, 630V          | 1    |         |
|        | C16012   | F2A2E141A217 | E 140UF, 250V           | 1    |         |
|        | C16013   | F0C2E155A286 | C 1.5UF, 250V           | 1    | PAVCTH  |
|        | C16023   | F1L2J1020001 | C 1000PF, 630V          | 1    |         |
|        | C16024   | F1L2J332A022 | C 3300PF, 630V          | 1    |         |
|        | C16025   | F1E2J222A002 | C 2200PF, 630V          | 1    |         |
|        | C16041   | ECJ1VB1H392K | C 3900UF, 50V           | 1    |         |
|        | C16044   | F1E2J821A002 | C 820PF, 630V           | 1    |         |
|        | C16051   | ECJ1VB1H392K | C 3900UF, 50V           | 1    |         |
|        | C16061   | F1E2J821A002 | C 820PF, 630V           | 1    |         |
|        | C16101   | F1L2J222A022 | C 2200PF, 630V          | 1    |         |
|        | C16104   | F1H1E470A130 | C 47PF, 25V             | 1    |         |
|        | C16105   | F1H1E470A130 | C 47PF, 25V             | 1    |         |
|        | C16131   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16132   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16133   | F2A1E101A089 | E 100UF 25V             | 1    |         |
|        | C16135   | F1K1E105A029 | C 1UF, 25V              | 1    |         |
|        | C16153   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16154   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16191   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16192   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16193   | F2A1E470B725 | E 47UF, 25V             | 1    | PAVCTH  |
|        | C16195   | F1K1E105A029 | C 1UF, 25V              | 1    |         |
|        | C16201   | F0C2E405A278 | C 4UF, 250V             | 1    | PAVCTH  |
|        | C16202   | F0C2E405A278 | C 4UF, 250V             | 1    | PAVCTH  |
|        | C16242   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16243   | ECJ1VB1H103K | C 0.01UF, 50V           | 1    |         |
|        | C16244   | F1J1A106A087 | C 10UF, 10V             | 1    |         |
|        | C16271   | F2A1E221B726 | E 220UF, 25V            | 1    | PAVCTH  |
|        | C16280   | F1K1E105A029 | C 1UF, 25V              | 1    |         |
|        | C16286   | F1H1H104A970 | C 0.1UF, , 50V          | 1    |         |
|        | C16287   | F1H1H104A970 | C 0.1UF, , 50V          | 1    |         |
|        | C16314   | F2A2E141A217 | E 140UF, 250V           | 1    |         |
|        | C16315   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C16316   | ECJ1XB1C104K | C 0.1UF, Z, 16V         | 1    |         |
|        | C16317   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C16318   | F1J1H104A717 | C 0.1UF, 50V            | 1    |         |
|        | C16319   | F1J1H104A717 | C 0.1UF, 50V            | 1    |         |
|        | C16328   | F2A2T1210001 | E 120UF, 220V           | 1    | PAVCTH  |
|        | C16330   | F0C2E105A286 | C 1 UF 250 V            | 1    | PAVCTH  |
|        | C16401   | F1L2J562A022 | C 5600PF, 630V          | 1    |         |
|        | C16411   | F2A2E141A217 | E 140UF, 250V           | 1    |         |
|        | C16413   | F2A2E141A217 | E 140UF, 250V           | 1    |         |
|        | C16421   | F1L2J562A022 | C 5600PF, 630V          | 1    |         |
|        | C16441   | ECJ1VB1H392K | C 3900UF, 50V           | 1    |         |
|        | C16451   | ECJ1VB1H392K | C 3900UF, 50V           | 1    |         |
|        | C16453   | F1E2J821A002 | C 820PF, 630V           | 1    |         |
|        | C16460   | F1E2J222A002 | C 2200PF, 630V          | 1    |         |
|        | C16472   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C16490   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16502   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16503   | F2A1E221B726 | E 220UF, 25V            | 1    | PAVCTH  |
|        | C16505   | F1K1E105A029 | C 1UF, 25V              | 1    |         |
|        | C16506   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16507   | F0C2E155A286 | C 1.5UF, 250V           | 1    | PAVCTH  |
|        | C16531   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16534   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16551   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16561   | F1J1A106A087 | C 10UF, 10V             | 1    |         |
|        | C16562   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C16564   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16565   | ECJ1VB1H103K | C 0.01uF, 50V           | 1    |         |
|        | C16566   | ECJ1VB1H103K | C 0.01uF, 50V           | 1    |         |
|        | C16567   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16584   | ECJ1VB1H392K | C 3900uF, 50V           | 1    |         |
|        | C16593   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C16602   | F1H1H2200008 | C 22PF, 50V             | 1    |         |
|        | C16603   | F1K2J102A014 | C 1000PF, 630V          | 1    |         |
|        | C16604   | F1K2J102A014 | C 1000PF, 630V          | 1    |         |
|        | C16631   | F0C2E405A278 | C 4UF, 250V             | 1    | PAVCTH  |
|        | C16632   | F0C2E405A278 | C 4UF, 250V             | 1    | PAVCTH  |
|        | C16641   | F1K2J222A014 | C 2200PF ,630V          | 1    |         |
|        | C16645   | F1K2J102A014 | C 1000PF, 630V          | 1    |         |
|        | C16646   | F1K2J102A014 | C 1000PF, 630V          | 1    |         |
|        | C16661   | F1K2J102A038 | C 1000PF, 630V          | 1    |         |
|        | C16662   | F1K2J102A038 | C 1000PF, 630V          | 1    |         |
|        | C16664   | ECJ1XC1H820J | C 82PF, J, 50V          | 1    |         |
|        | C16665   | ECJ1XC1H820J | C 82PF, J, 50V          | 1    |         |
|        | C16666   | ECJ1XC1H820J | C 82PF, J, 50V          | 1    |         |
|        | C16668   | F1H1H821A831 | C 820 PF, 50V           | 1    | PAVCTH  |
|        | C16685   | F1H1H104A970 | C 0.1uF, , 50V          | 1    |         |
|        | C16692   | F1H1H104A970 | C 0.1uF, , 50V          | 1    |         |
|        | C16723   | F1K1E105A029 | C 1UF, 25V              | 1    |         |
|        | C16724   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16753   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16770   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16791   | F2A1E221B726 | E 220UF, 25V            | 1    | PAVCTH  |
|        | C16793   | F2A1E221B726 | E 220UF, 25V            | 1    | PAVCTH  |
|        | C16794   | F1J1A106A087 | C 10UF, 10V             | 1    |         |
|        | C16795   | F2A1E221B726 | E 220UF, 25V            | 1    | PAVCTH  |
|        | C16796   | F1K1E475A134 | C 4.7UF 25V             | 1    |         |
|        | C16797   | F1H1H104A970 | C 0.1uF, , 50V          | 1    |         |
|        | C16813   | F2A2T1210001 | E 120UF, 220V           | 1    | PAVCTH  |
|        | C16833   | F1K2J222A014 | C 2200PF ,630V          | 1    |         |
|        | C16834   | F1K2J222A014 | C 2200PF ,630V          | 1    |         |
|        | C16842   | F2A2C1010028 | E 100UF, 160V           | 1    | PAVCTH  |
|        | C16843   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C16844   | F1J1H104A717 | C 0.1uF, 50V            | 1    |         |
|        | C16854   | F1J1H104A717 | C 0.1uF, 50V            | 1    |         |
|        | C16856   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C16858   | ECJ1XB1C104K | C 0.1uF, Z, 16V         | 1    |         |
|        | C16859   | F1J1H104A717 | C 0.1uF, 50V            | 1    |         |
|        | C16860   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C16861   | ECJ1XB1C104K | C 0.1uF, Z, 16V         | 1    |         |
|        | C16862   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C16863   | F1J1H104A717 | C 0.1uF, 50V            | 1    |         |
|        | C16865   | F1H1C105A145 | C 1 uF 16 V             | 1    |         |
|        | C16891   | F1K1E105A029 | C 1UF, 25V              | 1    |         |
|        | C16902   | F1E2J332A002 | C 3300PF, 630V          | 1    |         |
|        | C16910   | F1E2J821A002 | C 820PF, 630V           | 1    |         |
|        | C16912   | F1E2J821A002 | C 820PF, 630V           | 1    |         |
|        | C16914   | F1L2J332A022 | C 3300PF, 630V          | 1    |         |
|        | C17101   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17102   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17103   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17108   | F1K2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17109   | F1K2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17111   | F1K2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17131   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17132   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17134   | F1K2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17136   | F1K2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | C17137   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17138   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17139   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17142   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17143   | ECJ1XB1C104K | C 0.1UF, Z, 16V         | 1    |         |
|        | C17150   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17151   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17152   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17153   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17154   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17155   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17156   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17157   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17201   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17203   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17204   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17205   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17207   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17208   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17209   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17210   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17211   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17212   | ECJ1VB1A105K | C 1UF, 10V              | 1    |         |
|        | C17213   | ECJ1XB1C104K | C 0.1UF, Z, 16V         | 1    |         |
|        | C17214   | ECJ1XB1C104K | C 0.1UF, Z, 16V         | 1    |         |
|        | C17226   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17229   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17230   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17233   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17235   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17236   | FlK2A224A033 | C 0.22UF, 100V          | 1    | PAVCTH  |
|        | C17239   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17240   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17241   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17242   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17243   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17244   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17245   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        | C17246   | ECJ1XC1H102J | C 1000PF, J, 50V        | 1    |         |
|        |          |              |                         |      |         |
|        | CB1      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB2      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB3      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB4      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB5      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB6      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB7      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB8      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB9      | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB10     | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB11     | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB12     | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB13     | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB14     | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        | CB15     | K1MY55B00002 | 55P CONNECTOR           | 1    |         |
|        |          |              |                         |      |         |
|        | D1101    | B0ADCJ000100 | DIODE                   | 1    |         |
|        | D1102    | DZ2J068M0L   | ZENER DIODE             | 1    |         |
|        | D1103    | DZ2J068M0L   | ZENER DIODE             | 1    |         |
|        | D1104    | B0ADCJ000100 | DIODE                   | 1    |         |
|        | D1105    | DZ2J068M0L   | ZENER DIODE             | 1    |         |
|        | D2820    | B3AGB0000065 | LED                     | 1    | PAVCTH  |

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| Safety | Ref. No. | Part No.      | Part Name & Description | Q'ty | Remarks |
|--------|----------|---------------|-------------------------|------|---------|
|        | D3050    | K7AAAY000006  | PHOTO LINK              | 1    |         |
|        | D4500    | B0JCCD000020  | DIODE                   | 1    | PAVCTH  |
|        | D4604    | B0JCCE000008  | DIODE                   | 1    |         |
|        | D4621    | B0JCCE000008  | DIODE                   | 1    |         |
|        | D4649    | B0JCCE000008  | DIODE                   | 1    |         |
|        | D4671    | DZ2J056M0L    | ZENER DIODE             | 1    |         |
|        | D4672    | DZ2J056M0L    | ZENER DIODE             | 1    |         |
|        | D4673    | DZ2J056M0L    | ZENER DIODE             | 1    |         |
|        | D5350    | B0JCMD000066  | ZENER DIODE             | 1    |         |
|        | D8716    | DA2J10100L    | DIODE                   | 1    |         |
|        | D8720    | B0JCMD000066  | ZENER DIODE             | 1    |         |
|        | D9806    | B0ADCK000001  | DIODE                   | 1    | PAVCTH  |
|        | D9808    | B0ADCK000001  | DIODE                   | 1    | PAVCTH  |
|        | D14652   | B0ECKM000046  | DIODE                   | 1    |         |
|        | D14654   | B0ECKM000046  | DIODE                   | 1    |         |
|        | D14703   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D14852   | B0ECKM000046  | DIODE                   | 1    |         |
|        | D14853   | B0ECKM000046  | DIODE                   | 1    |         |
|        | D14902   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D14903   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D14904   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16001   | B0ECLP000010  | DIODE                   | 1    | PAVCTH  |
|        | D16002   | B0ECLP000010  | DIODE                   | 1    | PAVCTH  |
|        | D16021   | B0ECLP000010  | DIODE                   | 1    | PAVCTH  |
|        | D16022   | DA3CF30ACL    | ZENER DIODE             | 1    | PAVCTH  |
|        | D16041   | B0FCCN000003  | DIODE                   | 1    |         |
|        | D16051   | B0FCCN000003  | DIODE                   | 1    |         |
|        | D16071   | B0ECLP000010  | DIODE                   | 1    | PAVCTH  |
|        | D16072   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16073   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16131   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16133   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16134   | DZ2J051M0L    | ZENER DIODE             | 1    |         |
|        | D16191   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16192   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16193   | DZ2J051M0L    | ZENER DIODE             | 1    |         |
|        | D16243   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16251   | DZ2J330M0L    | ZENER DIODE             | 1    |         |
|        | D16252   | DZ2J330M0L    | ZENER DIODE             | 1    |         |
|        | D16253   | DZ2J051M0L    | ZENER DIODE             | 1    |         |
|        | D16254   | B3ABB0000210  | LED                     | 1    |         |
|        | D16255   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16282   | DZ2J068M0L    | ZENER DIODE             | 1    |         |
|        | D16285   | B0ADEJ000035  | ZENER DIODE             | 1    |         |
|        | D16315   | DZ2J150M0L    | ZENER DIODE             | 1    |         |
|        | D16316   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16317   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16401   | B0FCCN000003  | DIODE                   | 1    |         |
|        | D16407   | B0JCME000093  | DIODE                   | 1    |         |
|        | D16411   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16413   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16421   | B0FCBN000001  | DIODE                   | 1    | PAVCTH  |
|        | D16432   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16433   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16461   | B0FCCN000003  | DIODE                   | 1    |         |
|        | D16473   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16474   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16481   | B0FCCN000003  | DIODE                   | 1    |         |
|        | D16491   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16492   | DZ2J047M0L    | ZENER DIODE             | 1    |         |
|        | D16493   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16506   | DZ2J051M0L    | ZENER DIODE             | 1    |         |

**Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List**

| Safety | Ref. No. | Part No.      | Part Name & Description | Q'ty | Remarks |
|--------|----------|---------------|-------------------------|------|---------|
|        | D16534   | DZ2J051M0L    | ZENER DIODE             | 1    |         |
|        | D16536   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16537   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16538   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16581   | DZ2J330M0L    | ZENER DIODE             | 1    |         |
|        | D16582   | DZ2J330M0L    | ZENER DIODE             | 1    |         |
|        | D16583   | B3ABB0000210  | LED                     | 1    |         |
|        | D16602   | DZ2J043M0L    | ZENER DIODE             | 1    |         |
|        | D16603   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16604   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16605   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16607   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16608   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16609   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16618   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16641   | B0FCCN000004  | DIODE                   | 1    | PAVCTH  |
|        | D16642   | B0FCCN000004  | DIODE                   | 1    | PAVCTH  |
|        | D16645   | DZ2J150M0L    | ZENER DIODE             | 1    |         |
|        | D16646   | DZ2J150M0L    | ZENER DIODE             | 1    |         |
|        | D16647   | DZ2J150M0L    | ZENER DIODE             | 1    |         |
|        | D16648   | DZ2J043M0L    | ZENER DIODE             | 1    |         |
|        | D16651   | DZ2J051M0L    | ZENER DIODE             | 1    |         |
|        | D16652   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16662   | DZ2J150M0L    | ZENER DIODE             | 1    |         |
|        | D16663   | DZ2J150M0L    | ZENER DIODE             | 1    |         |
|        | D16664   | DZ2J150M0L    | ZENER DIODE             | 1    |         |
|        | D16669   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16673   | B0ECHR000004  | DIODE                   | 1    | PAVCTH  |
|        | D16674   | B0ECHR000004  | DIODE                   | 1    | PAVCTH  |
|        | D16685   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16710   | DZ2J15000L    | ZENER DIODE             | 1    |         |
|        | D16711   | B0ECHR000004  | DIODE                   | 1    | PAVCTH  |
|        | D16712   | B0ECHR000004  | DIODE                   | 1    | PAVCTH  |
|        | D16713   | B0ECHS000002  | DIODE                   | 1    | PAVCTH  |
|        | D16714   | B0ECHS000002  | DIODE                   | 1    | PAVCTH  |
|        | D16720   | B0ECHR000004  | DIODE                   | 1    | PAVCTH  |
|        | D16728   | B0ECKP000055  | DIODE                   | 1    |         |
|        | D16791   | DZ2J240M0L    | ZENER DIODE             | 1    |         |
|        | D16792   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16795   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16822   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16823   | B0ADCJ000100  | DIODE                   | 1    |         |
|        | D16824   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D16825   | DZ2J330M0L    | ZENER DIODE             | 1    |         |
|        | D16833   | B0ECHR000004  | DIODE                   | 1    | PAVCTH  |
|        | D17101   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D17102   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D17103   | B0JCCD000020  | DIODE                   | 1    | PAVCTH  |
|        | D17201   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D17202   | B0ACCCJ000048 | DIODE                   | 1    |         |
|        | D17203   | B0JCCD000020  | DIODE                   | 1    | PAVCTH  |
|        |          |               |                         |      |         |
|        | FL8531   | J0ZZB0000142  | FILTER                  | 1    |         |
|        | FL8532   | J0ZZB0000142  | FILTER                  | 1    |         |
|        |          |               |                         |      |         |
|        | IC3001   | C1AB00003385  | IC                      | 1    | PAVCTH  |
|        | IC3753   | C1ZBZ0004368  | IC                      | 1    | PAVCTH  |
|        | IC4900   | C1AB00003457  | IC                      | 1    | PAVCTH  |
|        | IC5000   | AN34044A-VF   | IC                      | 1    | PAVCTH  |
|        | IC5251   | C0CBCBC00227  | IC                      | 1    |         |
|        | IC5350   | C0DBAYY00931  | IC                      | 1    | PAVCTH  |
|        | IC5605   | C0DBAGF00030  | IC                      | 1    |         |

**Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List**

| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks    |
|--------|----------|--------------|-------------------------|------|------------|
|        | IC8000   | MN2WS0175E   | IC                      | 1    | PAVCTH     |
|        | IC8100   | C0DBAYY00715 | IC                      | 1    |            |
|        | IC8200   | C3ABTY000025 | IC                      | 1    |            |
|        | IC8201   | C3ABTY000025 | IC                      | 1    |            |
|        | IC8531   | C0DBZYY00368 | IC                      | 1    |            |
|        | IC8532   | C0DBZYY00368 | IC                      | 1    |            |
|        | IC8601   | C1CB00003491 | IC                      | 1    |            |
|        | IC8701   | C0DBAYY00931 | IC                      | 1    | PAVCTH     |
|        | IC8702   | C0DBAFG00029 | IC                      | 1    | PAVCTH     |
|        | IC8706   | C0DBGYY00887 | IC                      | 1    |            |
|        | IC8707   | C0DBAYY00915 | IC                      | 1    | PAVCTH     |
|        | IC8714   | C0DBGYY01682 | IC                      | 1    | PAVCTH     |
|        | IC8900   | TVRS215AB    | IC                      | 1    | PAVCTH     |
|        | IC8901   | TVR***1D     | IC                      | 1    | (D) PAVCTH |
|        | IC8901   | TVR***1G     | IC                      | 1    | (G) PAVCTH |
|        | IC8901   | TVR***1K     | IC                      | 1    | (K) PAVCTH |
|        | IC8901   | TVR***1M     | IC                      | 1    | (M) PAVCTH |
|        | IC8901   | TVR***1P     | IC                      | 1    | (P) PAVCTH |
|        | IC8901   | TVR***1S     | IC                      | 1    | (S) PAVCTH |
|        | IC8901   | TVR***1T     | IC                      | 1    | (T) PAVCTH |
|        | IC8901   | TVR***1V     | IC                      | 1    | (V) PAVCTH |
|        | IC8902   | TVR***2D     | IC                      | 1    | (D) PAVCTH |
|        | IC8902   | TVR***2G     | IC                      | 1    | (G) PAVCTH |
|        | IC8902   | TVR***2K     | IC                      | 1    | (K) PAVCTH |
|        | IC8902   | TVR***2M     | IC                      | 1    | (M) PAVCTH |
|        | IC8902   | TVR***2P     | IC                      | 1    | (P) PAVCTH |
|        | IC8902   | TVR***2S     | IC                      | 1    | (S) PAVCTH |
|        | IC8902   | TVR***2T     | IC                      | 1    | (T) PAVCTH |
|        | IC8902   | TVR***2V     | IC                      | 1    | (V) PAVCTH |
|        | IC9300   | C1AB00003409 | IC                      | 1    | PAVCTH     |
|        | IC9304   | TVRS208AD    | IC                      | 1    | PAVCTH     |
|        | IC9400   | C0JBAU000010 | IC                      | 1    |            |
|        | IC9401   | C0JBAU000010 | IC                      | 1    |            |
|        | IC9402   | C0JBAU000010 | IC                      | 1    |            |
|        | IC9810   | C0DBAYY00915 | IC                      | 1    | PAVCTH     |
|        | IC14601  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14602  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14603  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14604  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14605  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14606  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14801  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14802  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14803  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14804  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14805  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14806  | AN16520A-VT  | IC                      | 1    | PAVCTH     |
|        | IC14901  | C0JBAB000996 | IC                      | 1    | PAVCTH     |
|        | IC14902  | C0JBAB000996 | IC                      | 1    | PAVCTH     |
|        | IC14904  | C0JBAA000557 | IC                      | 1    | PAVCTH     |
|        | IC16131  | C0ZBZ0001822 | IC                      | 1    | PAVCTH     |
|        | IC16132  | C0ZBZ0001822 | IC                      | 1    | PAVCTH     |
|        | IC16151  | C0ZBZ0001822 | IC                      | 1    | PAVCTH     |
|        | IC16152  | C0ZBZ0001822 | IC                      | 1    | PAVCTH     |
|        | IC16191  | C0ZBZ0001822 | IC                      | 1    | PAVCTH     |
|        | IC16241  | C0JBAU000088 | IC                      | 1    |            |
|        | IC16243  | C0JBAB000715 | IC                      | 1    |            |
|        | IC16244  | C0JBAA000558 | IC                      | 1    | PAVCTH     |
|        | IC16304  | MIP3910MSSCF | IC                      | 1    |            |
|        | IC16312  | C0DBZMC00006 | IC                      | 1    |            |
|        | IC16471  | C0DBEYY00114 | IC                      | 1    |            |
|        | IC16490  | C0DBZMC00006 | IC                      | 1    |            |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | IC16491  | C0BBAA000008 | LINEAR IC               | 1    |         |
|        | IC16501  | C0ZBZ0001822 | IC                      | 1    | PAVCTH  |
|        | IC16502  | C0ZBZ0001822 | IC                      | 1    | PAVCTH  |
|        | IC16521  | C0ZBZ0001822 | IC                      | 1    | PAVCTH  |
|        | IC16522  | C0ZBZ0001822 | IC                      | 1    | PAVCTH  |
|        | IC16561  | C0JBAU000088 | IC                      | 1    |         |
|        | IC16562  | C0JBAU000088 | IC                      | 1    |         |
|        | IC16563  | C0JBAB000996 | IC                      | 1    | PAVCTH  |
|        | IC16564  | C0JBAE000321 | IC                      | 1    |         |
|        | IC16565  | C0JBAE000321 | IC                      | 1    |         |
|        | IC16684  | C0ZBZ0001822 | IC                      | 1    | PAVCTH  |
|        | IC16691  | C0JBAC000509 | IC                      | 1    | PAVCTH  |
|        | IC16724  | C0CBADE00049 | IC                      | 1    |         |
|        | IC16784  | MIP3910MSSCF | IC                      | 1    |         |
|        | IC16785  | C0DBZYY00352 | IC                      | 1    |         |
|        | IC16786  | MIP3910MSSCF | IC                      | 1    |         |
|        | IC16787  | C0DBZYY00352 | IC                      | 1    |         |
|        | IC16792  | C0BBAA000008 | LINEAR IC               | 1    |         |
|        | IC16793  | C0DBZMC00006 | IC                      | 1    |         |
|        | IC16795  | C0CBALC00012 | IC                      | 1    |         |
|        | IC16921  | C1ZBZ0004292 | IC                      | 1    | PAVCTH  |
|        | IC17102  | C0JBAU000088 | IC                      | 1    |         |
|        | IC17201  | C0JBAU000088 | IC                      | 1    |         |
|        | IC17202  | C0JBAU000089 | IC                      | 1    | PAVCTH  |
|        |          |              |                         |      |         |
|        | JK3000B  | K1U920A00003 | CONNECTOR UNIT          | 1    | PAVCTH  |
|        | JK3001   | K2HC103E0030 | JACK                    | 1    | PAVCTH  |
|        | JK3300   | K1FY315A0010 | CONNECTOR               | 1    | PAVCTH  |
|        | JK3701   | K1U308B00003 | CONNECTOR UNIT          | 1    | PAVCTH  |
|        | JK4600   | K1FY119D0015 | CONNECTOR               | 1    | PAVCTH  |
|        | JK4601   | K1FY119D0015 | CONNECTOR               | 1    | PAVCTH  |
|        | JK4602   | K1FY119E0028 | CONNECTOR               | 1    | PAVCTH  |
|        | JK8531   | K1FY208B0008 | CONNECTOR               | 1    |         |
|        | JK8650   | K1NA12E00016 | 12P CONNECTOR           | 1    |         |
|        | JK8702   | K2LC108A0012 | JACK                    | 1    | PAVCTH  |
|        |          |              |                         |      |         |
|        | JS1050   | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | JS1053   | D0GDR00J0004 | M 0 OHM, 1/8W           | 1    |         |
|        |          |              |                         |      |         |
|        | K1       | K1KA08B00270 | 8P CONNECTOR            | 1    |         |
|        |          |              |                         |      |         |
|        | L3001    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L3005    | J0JYC0000331 | CHIP INDUCTOR           | 1    |         |
|        | L3006    | J0JYC0000331 | CHIP INDUCTOR           | 1    |         |
|        | L3007    | J0JYC0000331 | CHIP INDUCTOR           | 1    |         |
|        | L3008    | J0JYC0000331 | CHIP INDUCTOR           | 1    |         |
|        | L4500    | J0JHC0000117 | CHIP INDUCTOR           | 1    |         |
|        | L4501    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4502    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4503    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4504    | J0JHC0000117 | CHIP INDUCTOR           | 1    |         |
|        | L4505    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4506    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4507    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4508    | J0JHC0000117 | CHIP INDUCTOR           | 1    |         |
|        | L4509    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4510    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4511    | J0JYC0000068 | CHIP INDUCTOR           | 1    |         |
|        | L4801    | J0JGC0000020 | CHIP INDUCTOR           | 1    |         |
|        | L4803    | G1CR39J00009 | INDUCTION COIL          | 1    | (G) (S) |
|        | L4804    | G1CR39J00009 | INDUCTION COIL          | 1    | (G) (S) |
|        | L4805    | J0JGC0000020 | CHIP INDUCTOR           | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | L4806    | J0JGC0000020 | CHIP INDUCTOR           | 1    |         |
|        | L4811    | J0JCC0000278 | CHIP INDUCTOR           | 1    |         |
|        | L4900    | G1C150MA0426 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L4901    | G1C150MA0426 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L4902    | G1C150MA0426 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L4903    | G1C150MA0426 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L5350    | G1C6R8MA0445 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L8003    | J0JCC0000287 | CHIP INDUCTOR           | 1    |         |
|        | L8005    | J0JHC0000045 | CHIP INDUCTOR           | 1    |         |
|        | L8006    | J0JHC0000045 | CHIP INDUCTOR           | 1    |         |
|        | L8009    | J0JHC0000021 | CHIP INDUCTOR           | 1    |         |
|        | L8015    | J0JCC0000287 | CHIP INDUCTOR           | 1    |         |
|        | L8016    | J0JCC0000287 | CHIP INDUCTOR           | 1    |         |
|        | L8100    | G1C4R7MA0416 | INDUCTION COIL          | 1    |         |
|        | L8102    | G1C3R3MA0425 | INDUCTION COIL          | 1    |         |
|        | L8531    | J0JHC0000045 | CHIP INDUCTOR           | 1    |         |
|        | L8532    | J0JHC0000045 | CHIP INDUCTOR           | 1    |         |
|        | L8600    | J0JHC0000045 | CHIP INDUCTOR           | 1    |         |
|        | L8609    | J0JHC0000045 | CHIP INDUCTOR           | 1    |         |
|        | L8701    | G1C6R8MA0445 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L8702    | G1C6R8MA0445 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L8704    | J0JGC0000020 | CHIP INDUCTOR           | 1    |         |
|        | L8705    | D0GBR00J0004 | M 0 OHM J 1/10W         | 1    |         |
|        | L9302    | J0JHC0000117 | CHIP INDUCTOR           | 1    |         |
|        | L9303    | J0JHC0000117 | CHIP INDUCTOR           | 1    |         |
|        | L9810    | G1C6R8MA0445 | INDUCTION COIL          | 1    | PAVCTH  |
|        | L16001   | G0CR46KA0216 | PEAKING COIL            | 1    | PAVCTH  |
|        | L16303   | G0C471MA0049 | PEAKING COIL            | 1    |         |
|        | L16411   | G0CR43KA0216 | PEAKING COIL            | 1    | PAVCTH  |
|        |          |              |                         |      |         |
|        | PA5440   | K5H5022A0031 | FUSE                    | 1    |         |
|        | PA5601   | K5H5022A0031 | FUSE                    | 1    |         |
|        |          |              |                         |      |         |
|        | PC14901  | B3PBE0000059 | IC                      | 1    | PAVCTH  |
|        | PC14902  | B3PBE0000059 | IC                      | 1    | PAVCTH  |
|        | PC14903  | B3PBE0000050 | IC                      | 1    |         |
|        | PC16131  | B3PBE0000058 | IC                      | 1    | PAVCTH  |
|        | PC16191  | B3PBE0000060 | IC                      | 1    | PAVCTH  |
|        | PC16251  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        | PC16301  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        | PC16461  | B3PBE0000058 | IC                      | 1    | PAVCTH  |
|        | PC16462  | B3PBE0000060 | IC                      | 1    | PAVCTH  |
|        | PC16480  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        | PC16581  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        | PC16603  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        | PC16685  | B3PBA0000496 | IC                      | 1    |         |
|        | PC16723  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        | PC16896  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        | PC16897  | B3PBA0000580 | IC                      | 1    | PAVCTH  |
|        |          |              |                         |      |         |
|        | Q1101    | DSA200100L   | TRANSISTOR              | 1    |         |
|        | Q1102    | DSC2001S0L   | TRANSISTOR              | 1    |         |
|        | Q2810    | B1ABCE000015 | TRANSISTOR              | 1    |         |
|        | Q2811    | B1ABCE000015 | TRANSISTOR              | 1    |         |
|        | Q2812    | B1ABCE000015 | TRANSISTOR              | 1    |         |
|        | Q3133    | B1AAF0000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q3134    | B1AAF0000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q3135    | DSA200100L   | TRANSISTOR              | 1    |         |
|        | Q4500    | B1HFCFA00026 | TRANSISTOR              | 1    |         |
|        | Q4501    | B1ADCE000022 | TRANSISTOR              | 1    |         |
|        | Q4502    | B1ABCF000231 | TRANSISTOR              | 1    |         |
|        | Q4503    | B1ABCF000231 | TRANSISTOR              | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | Q4504    | B1ABCF000231 | TRANSISTOR              | 1    |         |
|        | Q4930    | B1ADCF000194 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q4971    | B1ABCE000015 | TRANSISTOR              | 1    |         |
|        | Q4972    | DSA200100L   | TRANSISTOR              | 1    |         |
|        | Q4973    | B1Aafb000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q4974    | B1Aafb000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q8100    | B1MBEDA00027 | FET                     | 1    |         |
|        | Q8102    | B1MBEDA00027 | FET                     | 1    |         |
|        | Q8900    | B1ADCF000194 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16001   | DG3C3010CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16002   | DG3C3010CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16021   | DG3C3010CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16022   | DG3C3010CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16041   | DG3C3020CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16051   | DG3C3020CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16055   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16056   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16101   | B1CFRM000015 | FET                     | 1    |         |
|        | Q16102   | B1CFRM000023 | FET                     | 1    | PAVCTH  |
|        | Q16141   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16161   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16251   | B1ABCF000231 | TRANSISTOR              | 1    |         |
|        | Q16280   | B1ABCE000015 | TRANSISTOR              | 1    |         |
|        | Q16401   | B1JBDN000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16402   | B1JBDN000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16421   | B1JBDN000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16422   | B1JBDN000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16441   | DG3C3020CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16451   | DG3C3020CL   | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16471   | B1ABCE000015 | TRANSISTOR              | 1    |         |
|        | Q16501   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16521   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16531   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16538   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16551   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16581   | B1ABCF000231 | TRANSISTOR              | 1    |         |
|        | Q16600   | B1CFRM000020 | FET                     | 1    | PAVCTH  |
|        | Q16601   | B1CFRQ000021 | FET                     | 1    | PAVCTH  |
|        | Q16602   | DSA2001S0L   | TRANSISTOR              | 1    |         |
|        | Q16606   | DSC2001S0L   | TRANSISTOR              | 1    |         |
|        | Q16607   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16621   | B1JBDN000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16622   | B1JBDN000004 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16646   | DSA2001S0L   | TRANSISTOR              | 1    |         |
|        | Q16647   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16660   | B1CFRQ000021 | FET                     | 1    | PAVCTH  |
|        | Q16661   | B1JBER000002 | TRANSISTOR              | 1    | PAVCTH  |
|        | Q16762   | B1HFPFA00001 | TRANSISTOR              | 1    |         |
|        | Q16815   | B1ABCN000007 | TRANSISTOR              | 1    |         |
|        | Q16817   | DSC2001Q0L   | TRANSISTOR              | 1    |         |
|        | Q16818   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16819   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16820   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16891   | DSA2001S0L   | TRANSISTOR              | 1    |         |
|        | Q16892   | DSC2001Q0L   | TRANSISTOR              | 1    |         |
|        | Q16921   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16922   | B1CBGD000001 | FET                     | 1    |         |
|        | Q16931   | B1ABCN000007 | TRANSISTOR              | 1    |         |
|        | Q17101   | B1ABCN000007 | TRANSISTOR              | 1    |         |
|        | Q17201   | B1ABCN000007 | TRANSISTOR              | 1    |         |
|        |          |              |                         |      |         |
|        | R1010    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R1011    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R1013    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R1014    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R1015    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R1050    | D0GA154JA023 | M 150KOHM J 1/16W       | 1    |         |
|        | R1056    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R1100    | D0GA122JA023 | M 1.2KOHM, J,1/16W      | 1    |         |
|        | R1101    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R1102    | D0GA683JA023 | M 68KOHM, J,1/16W       | 1    |         |
|        | R1115    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R1117    | D1BA7151A014 | M7.15KOHM, J.1/16 W     | 1    |         |
|        | R1118    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R1121    | D0GA222JA023 | M 2.2KOHM, J,1/16W      | 1    |         |
|        | R1122    | D0GA332JA023 | M 3.3KOHM, J,1/16W      | 1    |         |
|        | R1123    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R1124    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R1125    | D0GA104JA023 | M100KOHM, J.1/16 W      | 1    |         |
|        | R1126    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R1127    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R1128    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R1129    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R2051    | D1BA6651A014 | M6.65KOHM, J.1/16 W     | 1    | PAVCTH  |
|        | R2128    | D1BA7151A014 | M7.15KOHM, J.1/16 W     | 1    |         |
|        | R2129    | D1BA1432A014 | M14.3KOHM, J.1/16 W     | 1    | PAVCTH  |
|        | R2130    | D1BA1741A014 | M1.74KOHM, J.1/16 W     | 1    | PAVCTH  |
|        | R2810    | D0GB470JA065 | M 47 OHM, J,1/10W       | 1    |         |
|        | R2811    | D0GB104JA065 | M 100KOHM J 1/10W       | 1    |         |
|        | R2812    | D0GB224JA065 | M 220KOHM, J,1/10W      | 1    | PAVCTH  |
|        | R2813    | D0GB223JA065 | M 22KOHM, J,1/10W       | 1    | PAVCTH  |
|        | R2814    | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R2815    | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R2816    | D1BB1621A055 | M1.62KOHM, J.1/10W      | 1    |         |
|        | R2817    | D0GB223JA065 | M 22KOHM, J,1/10W       | 1    | PAVCTH  |
|        | R2818    | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R2819    | D1BB4301A055 | M4.30KOHM, J.1/10W      | 1    |         |
|        | R3005    | D0GBR00J0004 | M 0 OHM J 1/10W         | 1    |         |
|        | R3012    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R3013    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R3014    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R3015    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R3016    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R3020    | D0GA820JA023 | M 82 OHM, J,1/16W       | 1    | PAVCTH  |
|        | R3021    | D0GA820JA023 | M 82 OHM, J,1/16W       | 1    | PAVCTH  |
|        | R3022    | D0GA820JA023 | M 82 OHM, J,1/16W       | 1    | PAVCTH  |
|        | R3023    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3024    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3025    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3026    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3027    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3028    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3030    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R3033    | D0GA331JA023 | M 330 OHM, J,1/16W      | 1    |         |
|        | R3034    | D0GA331JA023 | M 330 OHM, J,1/16W      | 1    |         |
|        | R3051    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3052    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R3056    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R3058    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R3067    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R3068    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R3069    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R3070    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R3145    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R3146    | D0GA104JA023 | M100KOHM, J.1/16 W      | 1    |         |
|        | R3147    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R3148    | D0GA104JA023 | M100KOHM, J.1/16 W      | 1    |         |
|        | R3149    | D0GA222JA023 | M 2.2KOHM, J,1/16W      | 1    |         |
|        | R3150    | D0GA222JA023 | M 2.2KOHM, J,1/16W      | 1    |         |
|        | R3151    | D0GA105JA023 | M 1M OHM, J,1/16W       | 1    |         |
|        | R3152    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R3153    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R3154    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R3174    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R3189    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3192    | D0GA393JA023 | M 39KOHM, J,1/16W       | 1    | PAVCTH  |
|        | R3193    | D0GA393JA023 | M 39KOHM, J,1/16W       | 1    | PAVCTH  |
|        | R3194    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3198    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3202    | D0GA393JA023 | M 39KOHM, J,1/16W       | 1    | PAVCTH  |
|        | R3204    | D0GA393JA023 | M 39KOHM, J,1/16W       | 1    | PAVCTH  |
|        | R3205    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3206    | D0GA393JA023 | M 39KOHM, J,1/16W       | 1    | PAVCTH  |
|        | R3207    | D0GA393JA023 | M 39KOHM, J,1/16W       | 1    | PAVCTH  |
|        | R3209    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3301    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3302    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3303    | D1BB75R0A055 | M 75 OHM, J.1/10W       | 1    |         |
|        | R3304    | D0GDR00J0004 | M 0 OHM, 1/8W           | 1    |         |
|        | R3305    | D0GDR00J0004 | M 0 OHM, 1/8W           | 1    |         |
|        | R3313    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R3314    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R3756    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4512    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R4513    | D0GA151JA023 | M 150 OHM, J,1/16W      | 1    |         |
|        | R4514    | D0GA151JA023 | M 150 OHM, J,1/16W      | 1    |         |
|        | R4515    | D0GA151JA023 | M 150 OHM, J,1/16W      | 1    |         |
|        | R4517    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R4521    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R4525    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4555    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4556    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4558    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4560    | D0GA273JA023 | M 27K OHM J ,1/16W      | 1    |         |
|        | R4602    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4608    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4609    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4611    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R4612    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4615    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4621    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4622    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4624    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4625    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R4631    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4635    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4637    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4638    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4639    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R4646    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R4647    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R4648    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R4649    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R4650    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R4651    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R4691    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R4692    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4693    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4802    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    | (G) (S) |
|        | R4805    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    | (G) (S) |
|        | R4806    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    | (G) (S) |
|        | R4819    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R4820    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R4824    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R4825    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R4826    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    | (G) (S) |
|        | R4901    | EXB28V220J   | M 22 OHM 1/32 W         | 1    |         |
|        | R4902    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4903    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R4904    | D0GDR00J0004 | M 0 OHM, 1/8W           | 1    |         |
|        | R4906    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R4911    | D0GDR00J0004 | M 0 OHM, 1/8W           | 1    |         |
|        | R4930    | D0GA392JA023 | M 3.9KOHM, J,1/16W      | 1    |         |
|        | R4931    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R4932    | D0GA222JA023 | M 2.2KOHM, J,1/16W      | 1    |         |
|        | R4933    | D0GA222JA023 | M 2.2KOHM, J,1/16W      | 1    |         |
|        | R4941    | D1BB1403A055 | M 140KOHM, J.1/10W      | 1    |         |
|        | R4942    | D1BB1403A055 | M 140KOHM, J.1/10W      | 1    |         |
|        | R4971    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4973    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4975    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4976    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4977    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4978    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R4979    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R4980    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R4981    | D0GA105JA023 | M 1M OHM, J,1/16W       | 1    |         |
|        | R4982    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R4983    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R5000    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R5009    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R5010    | D0GA222JA023 | M 2.2KOHM, J,1/16W      | 1    |         |
|        | R5011    | D0GA104JA023 | M100KOHM, J.1/16 W      | 1    |         |
|        | R5012    | D0GA223JA023 | M 22K OHM J 1/16W       | 1    |         |
|        | R5013    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R5018    | D0GA223JA023 | M 22K OHM J 1/16W       | 1    |         |
|        | R5350    | D1BB4302A087 | M43.0KOHM, J.1/10W      | 1    | PAVCTH  |
|        | R5351    | D1BB8061A087 | M8.06 KOHM, J.1/10W     | 1    | PAVCTH  |
|        | R5352    | D0GB390JA065 | M 39 OHM, J,1/10W       | 1    | PAVCTH  |
|        | R5353    | D1BB1002A055 | M 10KOHM, J.1/10W       | 1    |         |
|        | R5602    | D0GA104JA023 | M100KOHM, J.1/16 W      | 1    |         |
|        | R5663    | D0GA104JA023 | M100KOHM, J.1/16 W      | 1    |         |
|        | R5707    | D0GDR00J0004 | M 0 OHM, 1/8W           | 1    |         |
|        | R8001    | D0GA331JA023 | M 330 OHM, J,1/16W      | 1    |         |
|        | R8100    | D1BB1301A087 | M 1.3KOHM, J.1/10W      | 1    | PAVCTH  |
|        | R8102    | D1BB2101A087 | M 2.1KOHM, J.1/10W      | 1    |         |
|        | R8104    | D1BB8200A087 | M 820 OHM, J.1/10W      | 1    |         |
|        | R8106    | D1BB2001A087 | M 2KOHM, J.1/10W        | 1    |         |
|        | R8108    | D0GB100JA065 | M 10 OHM J 1/10W        | 1    |         |
|        | R8110    | D0GB100JA065 | M 10 OHM J 1/10W        | 1    |         |
|        | R8114    | D0GA243JA023 | M 24K OHM J 0.063W      | 1    |         |
|        | R8118    | D0GA183JA023 | M 18K OHM J.1/16W       | 1    |         |
|        | R8200    | D1BA2400A014 | M 240 OHM, J.1/16 W     | 1    |         |
|        | R8203    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |
|        | R8204    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |
|        | R8205    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |
|        | R8206    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |
|        | R8207    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R8208    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |
|        | R8217    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R8218    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R8219    | D1BA2400A014 | M 240 OHM, J.1/16 W     | 1    |         |
|        | R8220    | D1BA2400A014 | M 240 OHM, J.1/16 W     | 1    |         |
|        | R8221    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8222    | EXB28V330J   | M 33 OHM 1/32 W         | 1    |         |
|        | R8223    | EXB28V330J   | M 33 OHM 1/32 W         | 1    |         |
|        | R8224    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |
|        | R8225    | D1BA1001A014 | M 1KOHM, J. 1/16 W      | 1    |         |
|        | R8301    | D0GA681JA023 | M680 OHM, J,1/16W       | 1    |         |
|        | R8302    | D0GA360JA023 | M 36 OHM, J,1/16W       | 1    | PAVCTH  |
|        | R8303    | D0GA360JA023 | M 36 OHM, J,1/16W       | 1    | PAVCTH  |
|        | R8304    | D1BA6201A014 | M 6.2KOHM, J.1/16 W     | 1    |         |
|        | R8305    | D1BA6201A014 | M 6.2KOHM, J.1/16 W     | 1    |         |
|        | R8306    | D0GA243JA023 | M 24K OHM J 0.063W      | 1    |         |
|        | R8381    | D1BA75R0A014 | M 75 OHM, J.1/16 W      | 1    |         |
|        | R8382    | D1BA75R0A014 | M 75 OHM, J.1/16 W      | 1    |         |
|        | R8383    | D1BA75R0A014 | M 75 OHM, J.1/16 W      | 1    |         |
|        | R8384    | D1BA75R0A014 | M 75 OHM, J.1/16 W      | 1    |         |
|        | R8385    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8386    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8387    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8439    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R8440    | D0GA680JA023 | M 68 OHM, J,1/16W       | 1    |         |
|        | R8531    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8532    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8533    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8534    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8535    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8536    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8571    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R8572    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R8573    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R8574    | D0GA102JA023 | M1KOHM, J.1/16 W        | 1    |         |
|        | R8575    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R8577    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8578    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8583    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R8606    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R8607    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R8608    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8609    | D1BA6491A014 | M6.49KOHM, J.1/16 W     | 1    |         |
|        | R8610    | D0GA221JA023 | M220 OHM, J.1/16 W      | 1    |         |
|        | R8615    | D0GA105JA023 | M 1M OHM, J,1/16W       | 1    |         |
|        | R8624    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8625    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8626    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8627    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8628    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8629    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8630    | D1HG1038A002 | NETWORK RESISTER        | 1    |         |
|        | R8632    | EXB28V560JX  | M 56 OHM 1/32 W         | 1    |         |
|        | R8634    | EXB28V560JX  | M 56 OHM 1/32 W         | 1    |         |
|        | R8636    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R8639    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8640    | D0GA103JA015 | M 10KOHM, J,1/16W       | 1    |         |
|        | R8641    | D0GBR00J0004 | M 0 OHM J 1/10W         | 1    |         |
|        | R8644    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R8648    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8649    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8652    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R8653    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8654    | EXB28V560JX  | M 56 OHM 1/32 W         | 1    |         |
|        | R8655    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8656    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8657    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8658    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8659    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8660    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8661    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8669    | FlG1H470A565 | C 47PF, 50V             | 1    |         |
|        | R8670    | FlG1H470A565 | C 47PF, 50V             | 1    |         |
|        | R8704    | D1BB5362A055 | M53.6KOHM,J.1/10W       | 1    | PAVCTH  |
|        | R8705    | D1BB1002A055 | M 10KOHM,J.1/10W        | 1    |         |
|        | R8706    | D0GB390JA065 | M 39 OHM,J,1/10W        | 1    | PAVCTH  |
|        | R8707    | D1BB1002A055 | M 10KOHM,J.1/10W        | 1    |         |
|        | R8708    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8709    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8710    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8755    | D0GA104JA023 | M100KOHM, J.1/16 W      | 1    |         |
|        | R8756    | D0GB390JA065 | M 39 OHM,J,1/10W        | 1    | PAVCTH  |
|        | R8757    | D1BB4301A055 | M4.30KOHM,J.1/10W       | 1    |         |
|        | R8758    | D1BB2402A055 | M 24KOHM,J.1/10W        | 1    |         |
|        | R8759    | D1BB6041A055 | M 6.04KOHM,J.1/10W      | 1    |         |
|        | R8760    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R8830    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8831    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8832    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8833    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8834    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8835    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8836    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8837    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8838    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8839    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8840    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8873    | EXB2HV103JV  | M 10 KOHM 1/16 W        | 1    |         |
|        | R8874    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8909    | D0GA222JA023 | M 2.2KOHM, J,1/16W      | 1    |         |
|        | R8910    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8911    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R8914    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R8919    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R8924    | D0GA472JA023 | M 4.7KOHM, J,1/16W      | 1    |         |
|        | R8931    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R8932    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R8933    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R8934    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R8935    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R8936    | D0GA220JA023 | M22 OHM, J.1/16 W       | 1    |         |
|        | R8937    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8938    | EXB2HV470JV  | M 47 OHM 1/16 W         | 1    |         |
|        | R8939    | EXB28V560JX  | M 56 OHM 1/32 W         | 1    |         |
|        | R8940    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8941    | D0GA560JA023 | M 56 OHM, J,1/16W       | 1    |         |
|        | R8950    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R8953    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8954    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8955    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8956    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8957    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8958    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |
|        | R8959    | D0GA272JA023 | M 2.7KOHM, J.1/16W      | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R8960    | D0GA272JA023 | M 2.7KOHM, J,1/16W      | 1    |         |
|        | R8961    | EXB28V332J   | M 3.3 KOHM 1/32 W       | 1    |         |
|        | R8963    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8964    | D0GA103JA015 | M 10KOHM,J,1/16W        | 1    |         |
|        | R8965    | EXB28V103JX  | M 10KOHM 1/32 W         | 1    |         |
|        | R8967    | D0GA102JA023 | M1KOHM, J,1/16 W        | 1    |         |
|        | R8968    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R9035    | D0GA332JA023 | M 3.3KOHM, J,1/16W      | 1    |         |
|        | R9105    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R9108    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R9198    | EXB38V101JV  | M 100 OHM 1/16 W        | 1    |         |
|        | R9203    | D0GA272JA023 | M 2.7KOHM, J,1/16W      | 1    |         |
|        | R9205    | D0GA333JA023 | M 33KOHM,J,1/16W        | 1    |         |
|        | R9206    | D0GA563JA023 | M 56KOHM, J,0.063W      | 1    | PAVCTH  |
|        | R9208    | EXB2HV470JV  | M 47 OHM 1/16 W         | 1    |         |
|        | R9209    | EXB2HV470JV  | M 47 OHM 1/16 W         | 1    |         |
|        | R9224    | D0GA470JA023 | M 47 OHM, J,1/16W       | 1    |         |
|        | R9226    | D0GA470JA023 | M 47 OHM, J,1/16W       | 1    |         |
|        | R9247    | D0GA470JA023 | M 47 OHM, J,1/16W       | 1    |         |
|        | R9307    | D0GA470JA023 | M 47 OHM, J,1/16W       | 1    |         |
|        | R9308    | D0GA470JA023 | M 47 OHM, J,1/16W       | 1    |         |
|        | R9310    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R9320    | D0GA122JA023 | M 1.2KOHM, J,1/16W      | 1    |         |
|        | R9321    | D0GA105JA023 | M 1M OHM, J,1/16W       | 1    |         |
|        | R9323    | D0GA102JA023 | M1KOHM, J,1/16 W        | 1    |         |
|        | R9324    | D0GB162JA065 | M 1.6KOHM J 1/10W       | 1    | PAVCTH  |
|        | R9325    | D0GB162JA065 | M 1.6KOHM J 1/10W       | 1    | PAVCTH  |
|        | R9326    | D0GB162JA065 | M 1.6KOHM J 1/10W       | 1    | PAVCTH  |
|        | R9327    | D0GB162JA065 | M 1.6KOHM J 1/10W       | 1    | PAVCTH  |
|        | R9329    | D0GA102JA023 | M1KOHM, J,1/16 W        | 1    |         |
|        | R9330    | D0GA102JA023 | M1KOHM, J,1/16 W        | 1    |         |
|        | R9337    | D0GAR00J0005 | M 0 OHM, 1/16W          | 1    |         |
|        | R9400    | EXB2HV103JV  | M 10 KOHM 1/16 W        | 1    |         |
|        | R9401    | EXB2HV103JV  | M 10 KOHM 1/16 W        | 1    |         |
|        | R9402    | EXB38V103JV  | M 10 KOHM 1/16 W        | 1    |         |
|        | R9503    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R9504    | D0GA473JA015 | M 47KOHM, J,1/16W       | 1    |         |
|        | R9608    | EXB2HV470JV  | M 47 OHM 1/16 W         | 1    |         |
|        | R9609    | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R9610    | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R9611    | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R9810    | D0GB390JA065 | M 39 OHM,J,1/10W        | 1    | PAVCTH  |
|        | R9811    | D1BB1502A055 | M 15KOHM, J,1/10W       | 1    |         |
|        | R9812    | D1BB8061A087 | M8.06 KOHM,J,1/10W      | 1    | PAVCTH  |
|        | R9813    | D1BB1002A087 | M 10KOHM,J,1/10W        | 1    |         |
|        | R9907    | D0GA101JA015 | M 100 OHM, J,1/16W      | 1    |         |
|        | R14604   | D0GD220JA052 | M 22 OHM,J,1/4W         | 1    | PAVCTH  |
|        | R14605   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R14901   | D0GD331JA052 | M 330 OHM,J,1/4W        | 1    | PAVCTH  |
|        | R14902   | D0GD331JA052 | M 330 OHM,J,1/4W        | 1    | PAVCTH  |
|        | R14904   | D0GD3R3JA052 | M 3.3 OHM,J,1/4W        | 1    | PAVCTH  |
|        | R14907   | D0GD331JA052 | M 330 OHM,J,1/4W        | 1    | PAVCTH  |
|        | R14908   | D0GD331JA052 | M 330 OHM,J,1/4W        | 1    | PAVCTH  |
|        | R14911   | D0GD181JA052 | M 180 OHM,J,1/4W        | 1    | PAVCTH  |
|        | R14913   | D0GD102JA052 | M 1.0KOHM,J,1/8W        | 1    | PAVCTH  |
|        | R14916   | EXB38V473J   | M 47 KOHM 1/16 W        | 1    |         |
|        | R14917   | D0GD203JA052 | M 20KOHM,J,1/4W         | 1    | PAVCTH  |
|        | R14918   | D0GD100JA052 | M 10 OHM,J,1/4W         | 1    |         |
|        | R14919   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R14920   | D0GD470JA052 | M 47 OHM,J,1/8W         | 1    | PAVCTH  |
|        | R14921   | EXB38V220JV  | M 22 OHM 1/16 W         | 1    |         |
|        | R14922   | EXB38V220JV  | M 22 OHM 1/16 W         | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R14923   | EXB38V220JV  | M 22 OHM 1/16 W         | 1    |         |
|        | R14930   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R14966   | EXB38V222J   | M 2.2 KOHM 1/16 W       | 1    |         |
|        | R16001   | D0GF7R5JA047 | M 7.5 OHM, J, 1/3W      | 1    |         |
|        | R16002   | D0GF7R5JA047 | M 7.5 OHM, J, 1/3W      | 1    |         |
|        | R16021   | D0GF7R5JA047 | M 7.5 OHM, J, 1/3W      | 1    |         |
|        | R16022   | D0GF7R5JA047 | M 7.5 OHM, J, 1/3W      | 1    |         |
|        | R16031   | D0GF473JA048 | M 47KOHM, J, 1/3W       | 1    | PAVCTH  |
|        | R16032   | D0GF473JA048 | M 47KOHM, J, 1/3W       | 1    | PAVCTH  |
|        | R16041   | D0GF5R6JA047 | M 5.6 OHM, J, 1/3W      | 1    |         |
|        | R16051   | D0GF5R6JA047 | M 5.6 OHM, J, 1/3W      | 1    |         |
|        | R16101   | D0GD150JA059 | M 15 OHM, J, 1/4W       | 1    |         |
|        | R16102   | D0GD150JA059 | M 15 OHM, J, 1/4W       | 1    |         |
|        | R16105   | D0GF474JA048 | M 470KOHM, J, 1/3W      | 1    | PAVCTH  |
|        | R16116   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16130   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16131   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16132   | D0GB101JA065 | M 100 OHM, J, 1/10W     | 1    |         |
|        | R16133   | D1BD2700A044 | M 270 OHM, J, 1/8 W     | 1    |         |
|        | R16134   | D0GD750JA059 | M 75 OHM, J, 1/4W       | 1    |         |
|        | R16135   | D0GB4R7JA065 | M 4.7 OHM J 1/10W       | 1    | PAVCTH  |
|        | R16137   | D0GZ1R0JA020 | M 1 OHM, J, 1/2W        | 1    |         |
|        | R16138   | D0GF561JA047 | M 560 OHM, J, 1/3W      | 1    | PAVCTH  |
|        | R16141   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16143   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16151   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16152   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16153   | D0GB331JA065 | M330 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16154   | D0GD750JA059 | M 75 OHM, J, 1/4W       | 1    |         |
|        | R16155   | D0GB4R7JA065 | M 4.7 OHM J 1/10W       | 1    | PAVCTH  |
|        | R16161   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16163   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16171   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16173   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16181   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16183   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16191   | D1BD2700A044 | M 270 OHM, J, 1/8 W     | 1    |         |
|        | R16192   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16193   | D0GD750JA052 | M 75 OHM, J, 1/8W       | 1    | PAVCTH  |
|        | R16195   | D0GF1R0JA047 | M 1 OHM, J, 1/3W        | 1    |         |
|        | R16196   | D0GF102JA048 | M 1.0 KOHM, J, 1/3W     | 1    | PAVCTH  |
|        | R16197   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16230   | D0GD470JA052 | M 47 OHM, J, 1/8W       | 1    | PAVCTH  |
|        | R16231   | D0GB472JA065 | M 4.7KOHM, J, 1/10W     | 1    |         |
|        | R16241   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R16242   | EXB38V472JV  | M 4.7 KOHM 1/16 W       | 1    |         |
|        | R16243   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16244   | D0GB273JA065 | M 27K OHM J 1/10W       | 1    | PAVCTH  |
|        | R16245   | D0GB472JA065 | M 4.7KOHM, J, 1/10W     | 1    |         |
|        | R16246   | D0GD222JA052 | M 2.2KOHM, J, 1/8W      | 1    | PAVCTH  |
|        | R16252   | D0GF563JA048 | M 56 KOHM, J, 1/3W      | 1    | PAVCTH  |
|        | R16253   | D1BD1003A044 | M 100KOHM, J, 1/8 W     | 1    |         |
|        | R16254   | D1BD4422A044 | M44.2KOHM, F, 1/8W      | 1    | PAVCTH  |
|        | R16255   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16257   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16281   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16282   | D0GD221JA052 | M 220 OHM, J 1/4W       | 1    | PAVCTH  |
|        | R16283   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16284   | D0GB224JA065 | M 220KOHM, J, 1/10W     | 1    | PAVCTH  |
|        | R16285   | EXB38V623J   | M 62 KOHM 1/16 W        | 1    |         |
|        | R16289   | D0GF334JA047 | M 330KOHMJ, 1/3W        | 1    |         |
|        | R16290   | D0GF334JA047 | M 330KOHMJ, 1/3W        | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R16307   | D1BD5232A077 | M52.3KOHM,D.1/10W       | 1    | PAVCTH  |
|        | R16309   | ERG2FJS473D  | M 47KOHM, J, 2W         | 1    |         |
|        | R16310   | ERG2FJS473D  | M 47KOHM, J, 2W         | 1    |         |
|        | R16311   | ERG2FJS473D  | M 47KOHM, J, 2W         | 1    |         |
|        | R16317   | D1BD5232A077 | M52.3KOHM,D.1/10W       | 1    | PAVCTH  |
|        | R16318   | D1BD4752A077 | M47.5KOHM,D.1/10W       | 1    | PAVCTH  |
|        | R16319   | D1BD2491A077 | M 2.49KOHM,D.1/10W      | 1    | PAVCTH  |
|        | R16320   | ERJ14YJ683   | M 68KOHM, J. 1/4W       | 1    |         |
|        | R16330   | D0GB102JA065 | M 1KOHM,J,1/10W         | 1    |         |
|        | R16332   | D0GB474JA065 | M 470KOHM,J,1/10W       | 1    |         |
|        | R16334   | D0GB472JA065 | M 4.7KOHM, J,1/10W      | 1    |         |
|        | R16335   | D0GB102JA065 | M 1KOHM,J,1/10W         | 1    |         |
|        | R16401   | D0GF7R5JA047 | M 7.5 OHM,J, 1/3W       | 1    |         |
|        | R16402   | D0GF7R5JA047 | M 7.5 OHM,J, 1/3W       | 1    |         |
|        | R16411   | D1BD2700A044 | M 270 OHM,J.1/8 W       | 1    |         |
|        | R16412   | D1BD2700A044 | M 270 OHM,J.1/8 W       | 1    |         |
|        | R16414   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16416   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16421   | D0GF7R5JA047 | M 7.5 OHM,J, 1/3W       | 1    |         |
|        | R16422   | D0GF7R5JA047 | M 7.5 OHM,J, 1/3W       | 1    |         |
|        | R16441   | D0GF5R6JA047 | M 5.6 OHM,J, 1/3W       | 1    |         |
|        | R16451   | D0GF5R6JA047 | M 5.6 OHM,J, 1/3W       | 1    |         |
|        | R16466   | D0GF473JA048 | M 47KOHM,J,1/3W         | 1    | PAVCTH  |
|        | R16467   | D0GF473JA048 | M 47KOHM,J,1/3W         | 1    | PAVCTH  |
|        | R16471   | D0GB392JA065 | M 3.9KOHM,J,1/10W       | 1    | PAVCTH  |
|        | R16472   | D0GB222JA065 | M 2.2KOHM,J,1/10W       | 1    |         |
|        | R16473   | D0GD561JA052 | M 560 OHM,J,1/4W        | 1    | PAVCTH  |
|        | R16474   | D0GB102JA065 | M 1KOHM,J,1/10W         | 1    |         |
|        | R16475   | D0GB472JA065 | M 4.7KOHM, J,1/10W      | 1    |         |
|        | R16476   | D0GB222JA065 | M 2.2KOHM,J,1/10W       | 1    |         |
|        | R16479   | D0GD103JA052 | M 10KOHM,J,1/8W         | 1    | PAVCTH  |
|        | R16490   | D1BD1203A077 | M 120KOHM,D.1/10W       | 1    | PAVCTH  |
|        | R16491   | D1BD1203A077 | M 120KOHM,D.1/10W       | 1    | PAVCTH  |
|        | R16492   | D1BD1203A077 | M 120KOHM,D.1/10W       | 1    | PAVCTH  |
|        | R16493   | D1BD5111A077 | M5.11KOHM.J.1/8 W       | 1    | PAVCTH  |
|        | R16494   | D1BB2001A055 | M 2KOHM,J.1/10W         | 1    |         |
|        | R16497   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16498   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16501   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16503   | D0GD100JA059 | M 10 OHM, J,1/4W        | 1    |         |
|        | R16505   | D0GF102JA048 | M 1.0 KOHM,J,1/3W       | 1    | PAVCTH  |
|        | R16506   | D0GD100JA059 | M 10 OHM, J,1/4W        | 1    |         |
|        | R16507   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16508   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16512   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16515   | D0D52R2KA005 | M 2.2 OHM,J,5W          | 1    | PAVCTH  |
|        | R16517   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16522   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R16525   | D0GB4R7JA065 | M 4.7 OHM J 1/10W       | 1    | PAVCTH  |
|        | R16526   | D0GB4R7JA065 | M 4.7 OHM J 1/10W       | 1    | PAVCTH  |
|        | R16531   | D0GD100JA059 | M 10 OHM, J,1/4W        | 1    |         |
|        | R16532   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16534   | D0GF561JA047 | M 560 OHM,J, 1/3W       | 1    | PAVCTH  |
|        | R16536   | D0GF1R0JA047 | M 1 OHM,J,1/3W          | 1    |         |
|        | R16537   | D0GF1R0JA047 | M 1 OHM,J,1/3W          | 1    |         |
|        | R16551   | D0GD100JA059 | M 10 OHM, J,1/4W        | 1    |         |
|        | R16552   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16561   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R16562   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R16563   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R16564   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R16565   | EXB38V472JV  | M 4.7 KOHM 1/16 W       | 1    |         |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R16566   | EXB38V472JV  | M 4.7 kOHM 1/16 W       | 1    |         |
|        | R16567   | EXB38V472JV  | M 4.7 kOHM 1/16 W       | 1    |         |
|        | R16568   | EXB38V472JV  | M 4.7 kOHM 1/16 W       | 1    |         |
|        | R16570   | EXB38V472JV  | M 4.7 kOHM 1/16 W       | 1    |         |
|        | R16573   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16574   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16575   | D0GB751JA065 | M750 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16576   | D0GB101JA065 | M 100 OHM, J, 1/10W     | 1    |         |
|        | R16579   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R16581   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16582   | D0GF563JA048 | M 56 KOHM, J, 1/3W      | 1    | PAVCTH  |
|        | R16583   | D1BD1003A044 | M 100KOHM, J, 1/8 W     | 1    |         |
|        | R16584   | D1BD4422A044 | M44.2KOHM, F, 1/8W      | 1    | PAVCTH  |
|        | R16585   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16587   | D0GB222JA065 | M 2.2KOHM, J, 1/10W     | 1    |         |
|        | R16588   | D0GB223JA065 | M 22KOHM, J, 1/10W      | 1    | PAVCTH  |
|        | R16590   | D0GB221JA065 | M 220 OHM J 1/10W       | 1    |         |
|        | R16591   | EXB38V472JV  | M 4.7 kOHM 1/16 W       | 1    |         |
|        | R16594   | D0GB472JA065 | M 4.7KOHM, J, 1/10W     | 1    |         |
|        | R16601   | D0GF1R0JA047 | M 1 OHM, J, 1/3W        | 1    |         |
|        | R16604   | D0GD331JA052 | M 330 OHM, J, 1/4W      | 1    | PAVCTH  |
|        | R16605   | D0GD220JA059 | M 22 OHM, J, 1/4W       | 1    | PAVCTH  |
|        | R16606   | D0GD223JA052 | M 22KOHM, J, 1/4W       | 1    | PAVCTH  |
|        | R16607   | D1BB5111A055 | M5.11KOHM, J, 1/10W     | 1    |         |
|        | R16608   | ERG2FJS153D  | M 15KOHM, J, 2W         | 1    |         |
|        | R16609   | D0GF102JA047 | M 1.0 KOHM, J, 1/3W     | 1    |         |
|        | R16610   | D0GB104JA065 | M 100KOHM J 1/10W       | 1    |         |
|        | R16612   | D0GD220JA059 | M 22 OHM, J, 1/4W       | 1    | PAVCTH  |
|        | R16615   | D1BB1871A055 | M1.87KOHM, 1/10W        | 1    | PAVCTH  |
|        | R16617   | D0GD222JA052 | M 2.2KOHM, J, 1/8W      | 1    | PAVCTH  |
|        | R16621   | D0GD221JA052 | M 220 OHM, J 1/4W       | 1    | PAVCTH  |
|        | R16622   | D0GD221JA052 | M 220 OHM, J 1/4W       | 1    | PAVCTH  |
|        | R16631   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16633   | D0GD223JA052 | M 22KOHM, J, 1/4W       | 1    | PAVCTH  |
|        | R16634   | D0GD222JA052 | M 2.2KOHM, J, 1/8W      | 1    | PAVCTH  |
|        | R16645   | D0GB562JA065 | M 5.6KOHM, J, 1/10W     | 1    | PAVCTH  |
|        | R16646   | D1BD8660A044 | M 866 OHM, F, 1/8W      | 1    | PAVCTH  |
|        | R16648   | D0GF102JA047 | M 1.0 KOHM, J, 1/3W     | 1    |         |
|        | R16649   | D0GD330JA059 | M 33 OHM, F, 1/4W       | 1    |         |
|        | R16650   | D0GB104JA065 | M 100KOHM J 1/10W       | 1    |         |
|        | R16653   | D0GD222JA052 | M 2.2KOHM, J, 1/8W      | 1    | PAVCTH  |
|        | R16654   | D0GD470JA052 | M 47 OHM, J, 1/8W       | 1    | PAVCTH  |
|        | R16658   | D1BD6491A077 | M6.49KOHM, D, 1/10W     | 1    | PAVCTH  |
|        | R16661   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16662   | D1BB1002A087 | M 10KOHM, J, 1/10W      | 1    |         |
|        | R16663   | D1BD9091A077 | M 9.09KOHM, D, 1/10W    | 1    | PAVCTH  |
|        | R16664   | D0GF102JA047 | M 1.0 KOHM, J, 1/3W     | 1    |         |
|        | R16665   | D0GD222JA052 | M 2.2KOHM, J, 1/8W      | 1    | PAVCTH  |
|        | R16666   | D1BB1003A087 | M100KOHM, D 1/10W       | 1    | PAVCTH  |
|        | R16668   | D0GF102JA047 | M 1.0 KOHM, J, 1/3W     | 1    |         |
|        | R16675   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16676   | D1BD2700A044 | M 270 OHM, J, 1/8 W     | 1    |         |
|        | R16678   | D0GF102JA047 | M 1.0 KOHM, J, 1/3W     | 1    |         |
|        | R16681   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16682   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16684   | D0GB220JA065 | M 22 OHM J 1/10W        | 1    | PAVCTH  |
|        | R16685   | D1BD1500A044 | M 150 OHM, J, 1/8 W     | 1    |         |
|        | R16686   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16761   | D0GD100JA059 | M 10 OHM, J, 1/4W       | 1    |         |
|        | R16763   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16772   | D0GB472JA065 | M 4.7KOHM, J, 1/10W     | 1    |         |
|        | R16773   | D0GD102JA052 | M 1.0KOHM, J, 1/8W      | 1    | PAVCTH  |

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| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R16776   | D0GD470JA052 | M 47 OHM, J, 1/8W       | 1    | PAVCTH  |
|        | R16786   | D1BD5902A044 | M 59KOHM, F. 1/8W       | 1    | PAVCTH  |
|        | R16791   | D0GB102JA065 | M 1KOHM, J, 1/10W       | 1    |         |
|        | R16798   | D0GB222JA065 | M 2.2KOHM, J, 1/10W     | 1    |         |
|        | R16799   | D0GB102JA065 | M 1KOHM, J, 1/10W       | 1    |         |
|        | R16815   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16818   | D1BB3302A055 | M 33KOHM, J. 1/10W      | 1    |         |
|        | R16819   | D1BD1693A044 | M 169KOHM, F. 1/8W      | 1    | PAVCTH  |
|        | R16820   | D1BD1693A044 | M 169KOHM, F. 1/8W      | 1    | PAVCTH  |
|        | R16822   | D1BD8202A044 | M 82KOHM, J. 1/8 W      | 1    |         |
|        | R16823   | D1BD6192A044 | M61.9KOHM, J. 1/8 W     | 1    |         |
|        | R16824   | D1BD3742A044 | M37.4KOHM, F. 1/8W      | 1    |         |
|        | R16825   | D0GD154JA059 | M 150KOHM, J, 1/4W      | 1    |         |
|        | R16826   | D0GB103JA065 | M 10K OHM J 1/10W       | 1    |         |
|        | R16829   | D0GB102JA065 | M 1KOHM, J, 1/10W       | 1    |         |
|        | R16831   | D1BD6812A077 | M68.1KOHM, D. 1/10W     | 1    | PAVCTH  |
|        | R16832   | D1BD7152A077 | M71.5K0OHM, D. 1/10W    | 1    | PAVCTH  |
|        | R16833   | ERG1SJ683    | M 68KOHM, J, 1W         | 1    |         |
|        | R16834   | ERG1SJ683    | M 68KOHM, J, 1W         | 1    |         |
|        | R16838   | ERG2FJS104D  | M 100KOHM, J, 2W        | 1    |         |
|        | R16841   | D0GB472JA065 | M 4.7KOHM, J, 1/10W     | 1    |         |
|        | R16842   | D0GD102JA052 | M 1.0KOHM, J, 1/8W      | 1    | PAVCTH  |
|        | R16844   | ERA6YEB242   | M 2.4KOHM, B 1/10W      | 1    |         |
|        | R16845   | D1BD6982A077 | M69.8KOHM, D. 1/10W     | 1    | PAVCTH  |
|        | R16846   | D1BD6042A077 | M60.4KOHM, D. 1/10W     | 1    | PAVCTH  |
|        | R16847   | D1BD6492A077 | M64.9KOHM, D. 1/10W     | 1    | PAVCTH  |
|        | R16851   | D0GB474JA065 | M 470KOHM, J, 1/10W     | 1    |         |
|        | R16852   | D0GB474JA065 | M 470KOHM, J, 1/10W     | 1    |         |
|        | R16856   | D0GB102JA065 | M 1KOHM, J, 1/10W       | 1    |         |
|        | R16873   | ERA6YEB242   | M 2.4KOHM, B 1/10W      | 1    |         |
|        | R16891   | D1BF6982A058 | M 69.8KOHM, 1/4W        | 1    |         |
|        | R16892   | D1BF8252A058 | M82.50KOHM, 1/4W        | 1    |         |
|        | R16893   | D1BF8252A058 | M82.50KOHM, 1/4W        | 1    |         |
|        | R16894   | D1BB3091A087 | M3.09KOHM, D 1/16W      | 1    | PAVCTH  |
|        | R16895   | D1BB9091A087 | M9.09 KOHM, J. 1/10W    | 1    | PAVCTH  |
|        | R16897   | D1BB2262A055 | M22.6KOHM F 1/10W       | 1    | PAVCTH  |
|        | R16898   | D1BB1051A055 | M1.05KOHM, J. 1/10W     | 1    |         |
|        | R16899   | D1BB1372A055 | M13.7KOHM, 1/10W        | 1    | PAVCTH  |
|        | R16900   | D1BB3831A055 | M3.83KOHM, D 1/16W      | 1    | PAVCTH  |
|        | R16902   | D0GB6R2JA065 | M 6.2 OHM J 1/10W       | 1    | PAVCTH  |
|        | R16919   | D1BB1582A055 | M15.8KOHM, 1/10W        | 1    | PAVCTH  |
|        | R16920   | D0GB101JA065 | M 100 OHM, J, 1/10W     | 1    |         |
|        | R16921   | D1BB2152A055 | M 21.5KOHM, 1/10W       | 1    | PAVCTH  |
|        | R16922   | D1BB9531A055 | M9.53KOHM, J. 1/10W     | 1    |         |
|        | R16923   | D1BB5111A055 | M5.11KOHM, J. 1/10W     | 1    |         |
|        | R16924   | D1BB1152A055 | M 11.5KOHM 1/10W        | 1    | PAVCTH  |
|        | R16931   | D1BF2R70A021 | M 2.7 OHM, 1/4W         | 1    |         |
|        | R16932   | D0GD223JA052 | M 22KOHM, J, 1/4W       | 1    | PAVCTH  |
|        | R16937   | D0GB184JA065 | M 180KOHM J 1/10W       | 1    | PAVCTH  |
|        | R16939   | D0GD102JA052 | M 1.0KOHM, J, 1/8W      | 1    | PAVCTH  |
|        | R16940   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16941   | D0GB472JA065 | M 4.7KOHM, J, 1/10W     | 1    |         |
|        | R16942   | D0GB473JA065 | M 47KOHM J. 1/10W       | 1    | PAVCTH  |
|        | R16945   | D0GB471JA065 | M 470 OHM, J, 1/10W     | 1    | PAVCTH  |
|        | R17101   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |
|        | R17102   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |
|        | R17103   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |
|        | R17104   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |
|        | R17105   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |
|        | R17106   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |
|        | R17107   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |
|        | R17108   | D1BB49R90002 | M 49 OHM, J. 1/10W      | 1    |         |

## Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List

| Safety | Ref. No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|----------|--------------|-------------------------|------|---------|
|        | R17109   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17111   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17113   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17115   | D0GBR00J0004 | M 0 OHM J 1/10W         | 1    |         |
|        | R17116   | D0GBR00J0004 | M 0 OHM J 1/10W         | 1    |         |
|        | R17117   | D0GF102JA047 | M 1.0 KOHM,J,1/3W       | 1    |         |
|        | R17118   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17119   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17120   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17121   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17122   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17124   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17126   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17127   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17128   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17129   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17130   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17132   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17134   | D0GD224JA052 | M 220KOHM,J,1/8W        | 1    | PAVCTH  |
|        | R17135   | D0GB681JA065 | M 680 OHM,J,1/10W       | 1    | PAVCTH  |
|        | R17138   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R17139   | EXB38V470J   | M 47 OHM 1/16 W         | 1    |         |
|        | R17140   | EXB38V681J   | M 680 OHM 1/16 W        | 1    |         |
|        | R17141   | D0GB681JA065 | M 680 OHM,J,1/10W       | 1    | PAVCTH  |
|        | R17142   | D0GF223JA047 | M 22KOHM, J, 1/3W       | 1    | PAVCTH  |
|        | R17143   | D0GB331JA065 | M330 OHM J 1/10W        | 1    | PAVCTH  |
|        | R17144   | D0GB102JA065 | M 1KOHM, J,1/10W        | 1    |         |
|        | R17145   | D0GBR00J0004 | M 0 OHM J 1/10W         | 1    |         |
|        | R17146   | D0GBR00J0004 | M 0 OHM J 1/10W         | 1    |         |
|        | R17147   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17148   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17149   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17150   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17151   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17152   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17153   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17154   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17196   | D0GB102JA065 | M 1KOHM, J,1/10W        | 1    |         |
|        | R17201   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17202   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17203   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17204   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17205   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17207   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17209   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17210   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17211   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17212   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17213   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17214   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17215   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17216   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17217   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17218   | D0GB101JA065 | M 100 OHM,J,1/10W       | 1    |         |
|        | R17219   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17220   | D1BB49R90002 | M 49 OHM,J.1/10W        | 1    |         |
|        | R17221   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17223   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17225   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17227   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17229   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |
|        | R17231   | D0GZ1R0JA020 | M 1 OHM, J,1/2W         | 1    |         |

# Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List

| Safety                                                                              | Ref. No. | Part No.      | Part Name & Description | Q'ty | Remarks                        |
|-------------------------------------------------------------------------------------|----------|---------------|-------------------------|------|--------------------------------|
|                                                                                     | R17233   | D0GB681JA065  | M 680 OHM, J, 1/10W     | 1    | PAVCTH                         |
|                                                                                     | R17236   | EXB38V470J    | M 47 OHM 1/16 W         | 1    |                                |
|                                                                                     | R17237   | EXB38V470J    | M 47 OHM 1/16 W         | 1    |                                |
|                                                                                     | R17238   | EXB38V470J    | M 47 OHM 1/16 W         | 1    |                                |
|                                                                                     | R17239   | EXB38V470J    | M 47 OHM 1/16 W         | 1    |                                |
|                                                                                     | R17240   | EXB38V681J    | M 680 OHM 1/16 W        | 1    |                                |
|                                                                                     | R17241   | EXB38V681J    | M 680 OHM 1/16 W        | 1    |                                |
|                                                                                     | R17242   | EXB38V681J    | M 680 OHM 1/16 W        | 1    |                                |
|                                                                                     | R17243   | D0GD224JA052  | M 220KOHM, J, 1/8W      | 1    | PAVCTH                         |
|                                                                                     | R17244   | D0GF102JA047  | M 1.0 KOHM, J, 1/3W     | 1    |                                |
|                                                                                     | R17245   | D0GB681JA065  | M 680 OHM, J, 1/10W     | 1    | PAVCTH                         |
|                                                                                     | R17246   | D0GF223JA047  | M 22KOHM, J, 1/3W       | 1    | PAVCTH                         |
|                                                                                     | R17247   | D0GB331JA065  | M330 OHM J 1/10W        | 1    | PAVCTH                         |
|                                                                                     | R17248   | D0GB102JA065  | M 1KOHM, J, 1/10W       | 1    |                                |
|                                                                                     | R17249   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     | R17250   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     | R17251   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     | R17252   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     | R17253   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     | R17254   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     | R17255   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     | R17256   | D1BB49R90002  | M 49 OHM, J, 1/10W      | 1    |                                |
|                                                                                     |          |               |                         |      |                                |
|                                                                                     | RM2810   | B3RAD0000168  | REMOTE SENSOR           | 1    |                                |
|                                                                                     |          |               |                         |      |                                |
|                                                                                     | SN2      | K1KY02B00012  | 2P CONNECTOR            | 1    |                                |
|                                                                                     | SN20     | K1MY35BA0345  | 35P CONNECTOR           | 1    |                                |
|                                                                                     | SN21     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN22     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN23     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN24     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN25     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN26     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN27     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN28     | K1MND6BA0264  | 6P CONNECTOR            | 1    |                                |
|                                                                                     | SN2810   | B3JB00000078  | IC                      | 1    |                                |
|                                                                                     |          |               |                         |      |                                |
|                                                                                     | SS11     | K1KY03B000006 | 3P CONNECTOR            | 1    |                                |
|                                                                                     | SS33     | K1MY20BA0345  | 20P CONNECTOR           | 1    |                                |
|                                                                                     | SS61     | K1MN13B000091 | 13P CONNECTOR           | 1    |                                |
|                                                                                     | SS66     | K1MN13B000091 | 13P CONNECTOR           | 1    |                                |
|                                                                                     |          |               |                         |      |                                |
|                                                                                     | SW2050   | K0H1BA000445  | SWITCH                  | 1    |                                |
|                                                                                     | SW2051   | K0H1BA000445  | SWITCH                  | 1    |                                |
|                                                                                     | SW2052   | K0H1BA000445  | SWITCH                  | 1    |                                |
|                                                                                     | SW2053   | K0H1BA000445  | SWITCH                  | 1    |                                |
|                                                                                     | SW2054   | K0H1BA000445  | SWITCH                  | 1    |                                |
|                                                                                     | SW2057   | K0F122A00031  | SWITCH                  | 1    |                                |
|                                                                                     |          |               |                         |      |                                |
|                                                                                     | T8301    | G5BYC0000015  | TRANS                   | 1    |                                |
|                                                                                     | T16471   | G4DYA0000253  | SWITCHING TRANS         | 1    | PAVCTH                         |
|                                                                                     | T16472   | G4DYA0000252  | SWITCHING TRANS         | 1    | PAVCTH                         |
|                                                                                     |          |               |                         |      |                                |
|  | TU4801   | ENG57302D5F   | TUNER                   | 1    | (G) (S) PAVCTH                 |
|  | TU4801   | ENG59301D5RF  | TUNER                   | 1    | (D) (K) (M) (P) (T) (V) PAVCTH |
|                                                                                     |          |               |                         |      |                                |
|                                                                                     | X8300    | H0J245500113  | CRYSTAL                 | 1    |                                |
|                                                                                     | X8600    | H0J250500109  | CRYSTAL                 | 1    |                                |
|                                                                                     | X9300    | H0J200500076  | CRYSTAL                 | 1    |                                |
|                                                                                     |          |               |                         |      |                                |
|                                                                                     | ZA16001  | K4AZ01D00004  | TERMINAL                | 1    |                                |
|                                                                                     | ZA16002  | K4AZ01D00004  | TERMINAL                | 1    |                                |

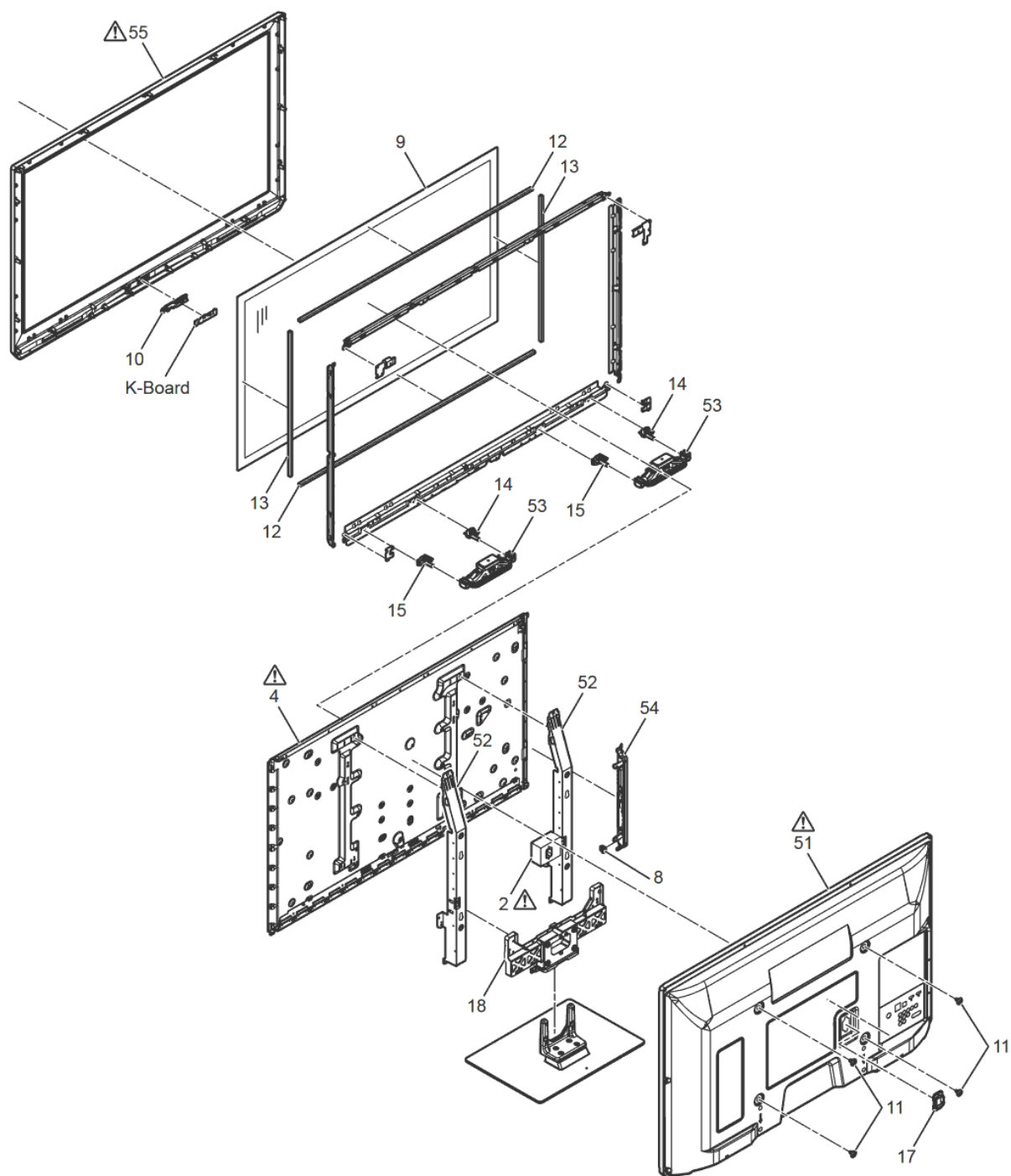
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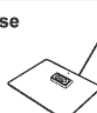
**Model No. : TH-P42U30D/G/K/M/P/S/T/V    Parts List**

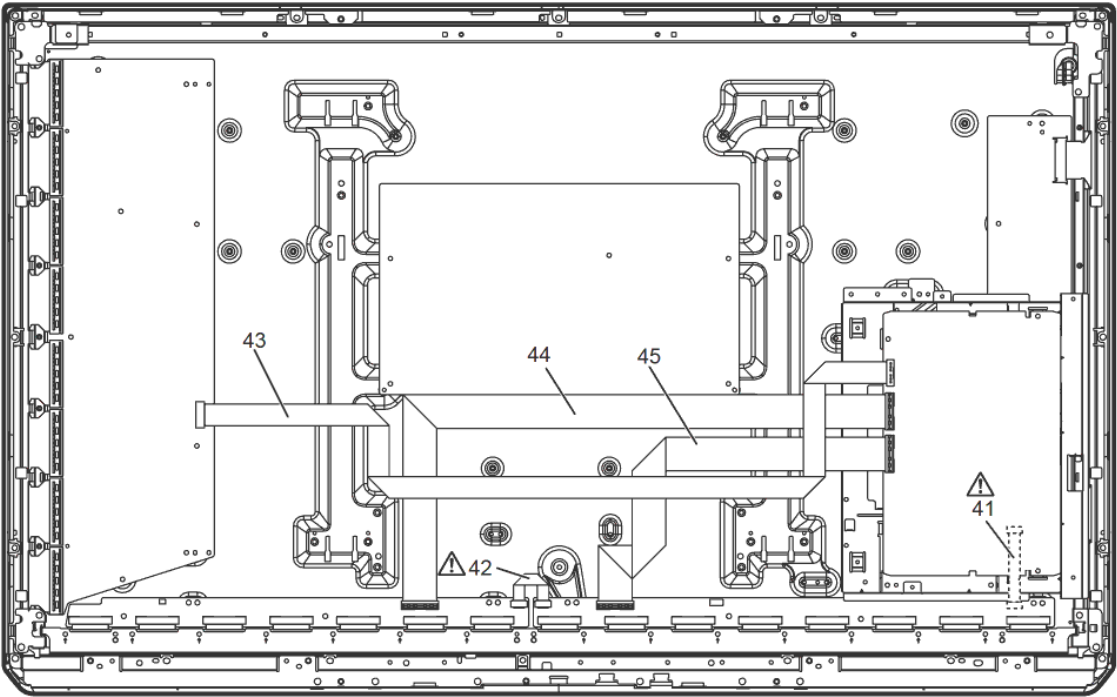
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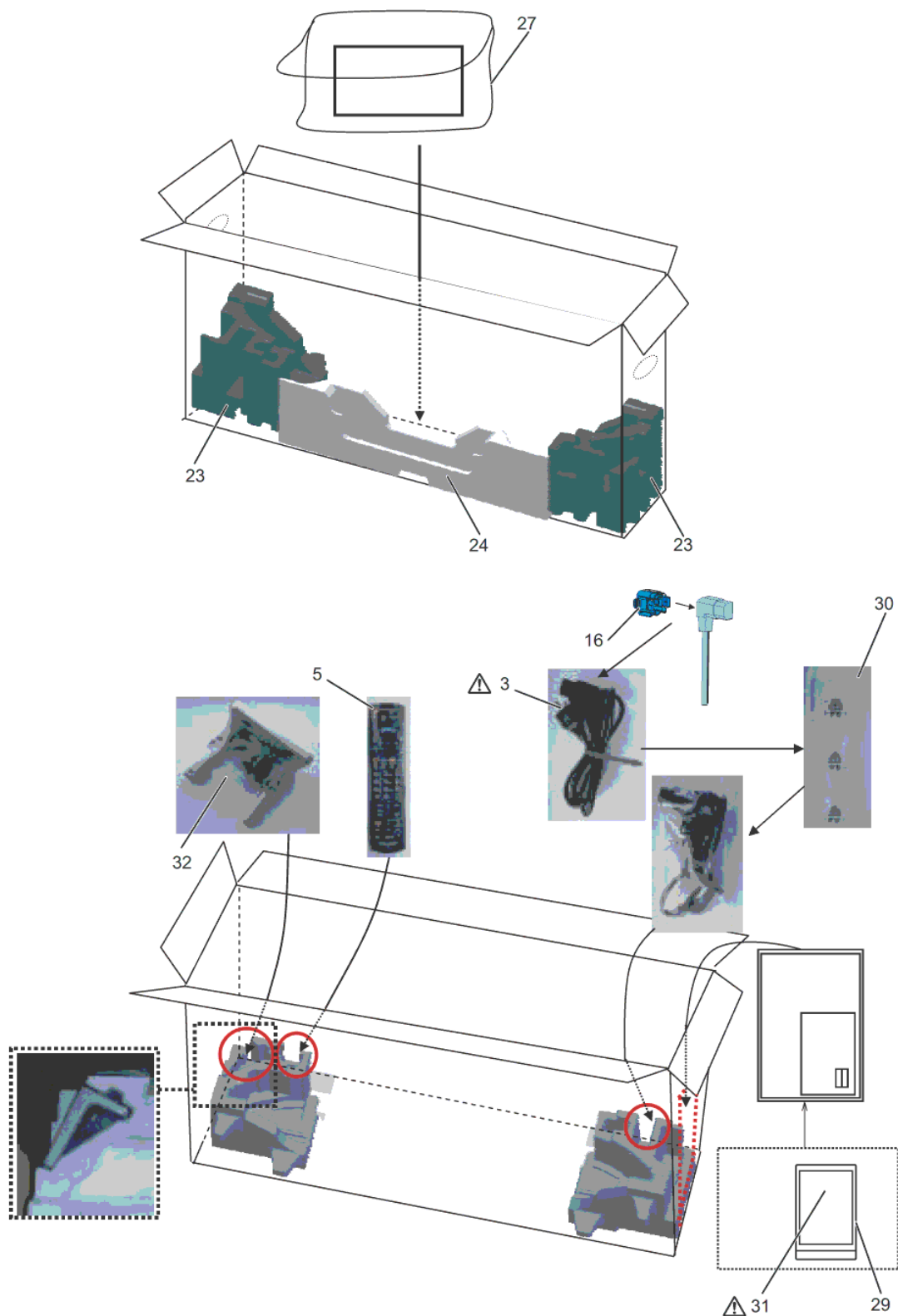
| Safety | Ref.<br>No. | Part No.     | Part Name & Description | Q'ty | Remarks |
|--------|-------------|--------------|-------------------------|------|---------|
|        | ZA16401     | K4AZ01D00004 | TERMINAL                | 1    |         |
|        | ZA16402     | K4AZ01D00004 | TERMINAL                | 1    |         |
|        | ZA17101     | K4CD01000013 | AV TERMINAL             | 1    |         |
|        | ZA17102     | K4CD01000013 | AV TERMINAL             | 1    |         |
|        | ZA17103     | K4CD01000013 | AV TERMINAL             | 1    |         |
|        | ZA17104     | K4CD01000013 | AV TERMINAL             | 1    |         |
|        | ZA17201     | K4CD01000013 | AV TERMINAL             | 1    |         |
|        | ZA17202     | K4CD01000013 | AV TERMINAL             | 1    |         |
|        | ZA17203     | K4CD01000013 | AV TERMINAL             | 1    |         |
|        | ZA17204     | K4CD01000013 | AV TERMINAL             | 1    |         |

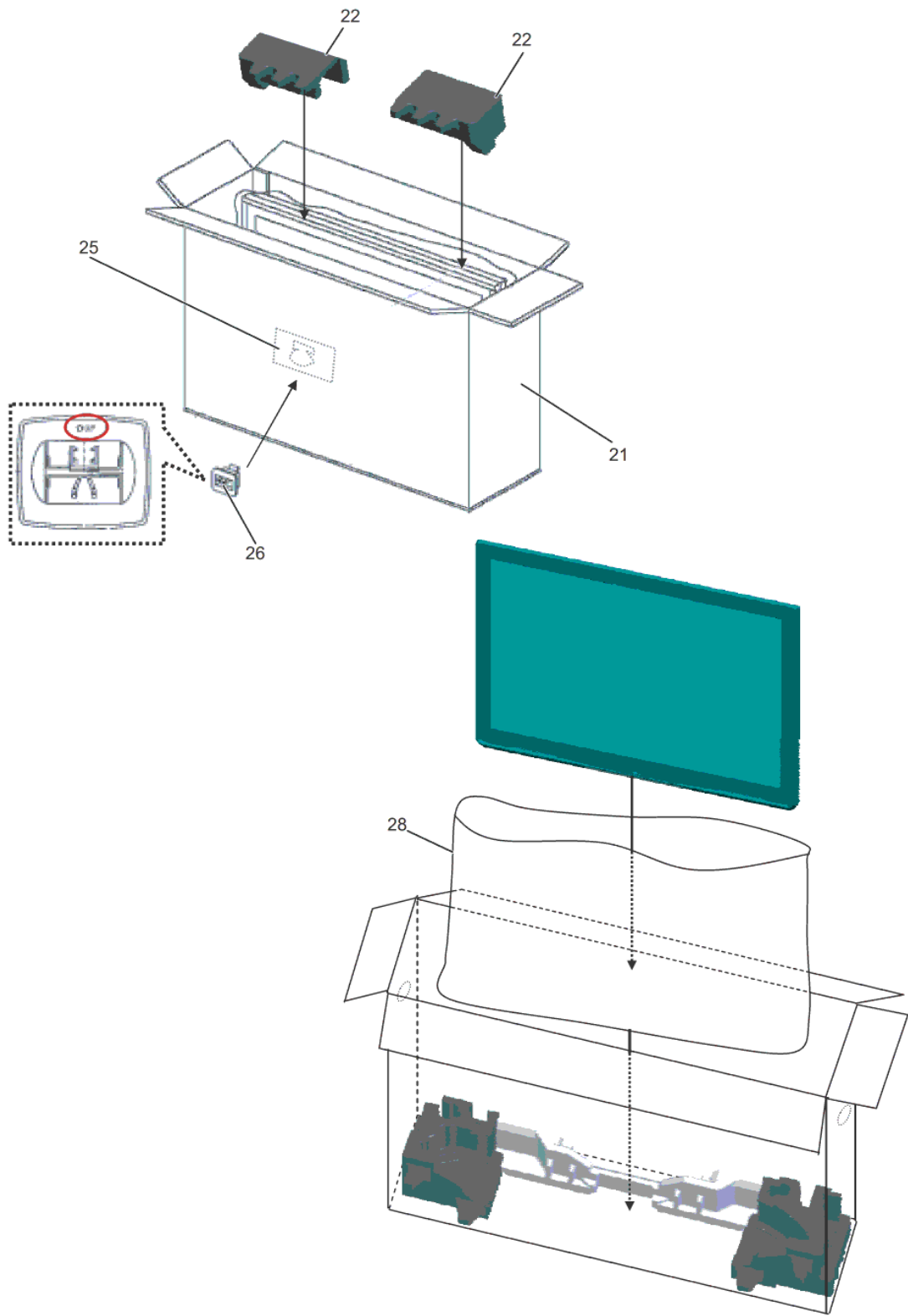
# Model No. : TH-P42U30D/G/K/M/P/S/T/V Exploded View 1



|                                                                                               |                                                                                               |                                                                                              |                                                                                              |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Assembly screw (4)</b><br><b>(silver)</b><br>= M5 × 20 (mm)                                | <b>Assembly screw (4)</b><br><b>(black)</b><br>= M5 × 25 (mm)                                 | <b>Pole</b>                                                                                  | <b>Base</b>                                                                                  |
|  <b>61</b> |  <b>60</b> |  <b>6</b> |  <b>7</b> |







## Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List

| Safety                                                                              | Ref. No. | Part No.     | Part Name & Description                  | Q'ty | Remarks                        |
|-------------------------------------------------------------------------------------|----------|--------------|------------------------------------------|------|--------------------------------|
|    | 2        | K2AHYH000042 | AC INLET WITH CABLE                      | 1    | PAVCTH                         |
|    | 3        | K2CN3YY00006 | AC CORD                                  | 1    | (G) (V)                        |
|    | 3        | K2CT3YY00021 | AC CORD                                  | 1    | (K) (M) (S)                    |
|    | 3        | K2CT3YY00033 | AC CORD                                  | 1    | (P) PAVCTH                     |
|    | 3        | K2CZ3YY00010 | AC CORD                                  | 1    | (D)                            |
|    | 3        | K2CZ3YY00016 | AC CORD                                  | 1    | (T) PAVCTH                     |
|    | 4        | MD42F14A1J   | PLASMA DISPLAY PANEL                     | 1    |                                |
|                                                                                     | 5        | N2QAYB000603 | REMOTE CONTROL                           | 1    | (D) (K) (M) (P) (T) (V) PAVCTH |
|                                                                                     | 5        | N2QAYB000604 | REMOTE CONTROL                           | 1    | (G) (S) PAVCTH                 |
|                                                                                     | 6        | TBL5ZA3035   | STAND POLE                               | 1    | PAVCTH                         |
|                                                                                     | 7        | TBL5ZX0051   | PEDESTAL STAND                           | 1    | PAVCTH                         |
|                                                                                     | 8        | TBX4TA00201  | POWER BUTTON                             | 1    |                                |
|                                                                                     |          | THEJ036J     | SCREW(TUNER SHEILD:3 ATTACHMENT METAL:6) | 9    |                                |
|                                                                                     |          | THEJ0409     | SCREW                                    | 8    | chap. 3.1. (5) (6)             |
|                                                                                     |          | THEL0239     | SCREW(DD:15)                             | 15   |                                |
|                                                                                     |          | THEL052Z     | SCREW                                    | 14   | chap. 3.1. (3)                 |
|                                                                                     | 60       | THEL087N     | SCREW M5x25                              | 4    | PAVCTH                         |
|                                                                                     | 9        | TKGA5630     | FRONT GLASS                              | 1    | PAVCTH                         |
|                                                                                     | 10       | TKK4TC5010   | LED PANEL                                | 1    |                                |
|                                                                                     | 11       | TKKL5493     | M8 CAP                                   | 4    |                                |
|                                                                                     | 12       | TMK4TG001    | SPONGE (FRONT GLASS/UPPER/BOTTOM)        | 2    | PAVCTH                         |
|                                                                                     | 13       | TMK4TG002    | SPONGE (FRONT GLASS/LEFT/RIGHT)          | 2    | PAVCTH                         |
|                                                                                     |          | TMME332      | CLAMPER(HANGER:4 STAND BRACKET:2)        | 6    |                                |
|                                                                                     |          | TMME397      | SPACER                                   | 3    | PAVCTH                         |
|                                                                                     | 14       | TMW4TX001    | SP BRACKET L                             | 2    |                                |
|                                                                                     | 15       | TMW4TX002    | SP BRACKET R                             | 2    |                                |
|                                                                                     | 16       | TMXX064      | AC CORD CLAMPER A                        | 1    | (D) (G) (K) (M) (P) (S) (V)    |
|                                                                                     | 17       | TMXX065      | AC CORD CLAMPER B                        | 1    | (D) (G) (K) (M) (P) (S) (V)    |
|                                                                                     | 16       | TMXX066      | AC CORD CLAMPER A                        | 2    | (T)                            |
|                                                                                     | 17       | TMXX067-1    | AC CORD CLAMPER B                        | 1    | (T)                            |
|                                                                                     | 18       | TMZ4TX5006   | STAND BRACKET                            | 1    |                                |
|                                                                                     | 21       | TPC4TA04403A | CARTON BOX(WITH STAMP)                   | 1    | (D) PAVCTH                     |
|                                                                                     | 21       | TPC4TA04404A | CARTON BOX(WITH STAMP)                   | 1    | (G) PAVCTH                     |
|                                                                                     | 21       | TPC4TA04406A | CARTON BOX(WITH STAMP)                   | 1    | (K) PAVCTH                     |
|                                                                                     | 21       | TPC4TA04407A | CARTON BOX(WITH STAMP)                   | 1    | (M) PAVCTH                     |
|                                                                                     | 21       | TPC4TA04408A | CARTON BOX(WITH STAMP)                   | 1    | (P) PAVCTH                     |
|                                                                                     | 21       | TPC4TA04411A | CARTON BOX(WITH STAMP)                   | 1    | (S) PAVCTH                     |
|                                                                                     | 21       | TPC4TA04412A | CARTON BOX(WITH STAMP)                   | 1    | (T) PAVCTH                     |
|                                                                                     | 21       | TPC4TA04413A | CARTON BOX(WITH STAMP)                   | 1    | (V) PAVCTH                     |
|                                                                                     | 24       | TPD4TA0043   | PEDESTAL CUSHION                         | 1    | PAVCTH                         |
|                                                                                     | 22       | TPD4TA0054   | TOP CUSHION                              | 1    | PAVCTH                         |
|                                                                                     | 23       | TPD4TA0055   | BOTTOM CUSHION                           | 1    | PAVCTH                         |
|                                                                                     | 25       | TPD4TF0021   | JOINT PAD                                | 1    | PAVCTH                         |
|                                                                                     | 26       | TPDX0016-1   | JOINT FOR PEDESTAL                       | 1    |                                |
|                                                                                     | 27       | TPE4TB006    | BAG (PEDESTAL STAND)                     | 1    | PAVCTH                         |
|                                                                                     | 28       | TPE4TH001    | SET BAG                                  | 1    | PAVCTH                         |
|                                                                                     | 29       | TPE4TP001    | BAG (INSTRUCTION BOOK)                   | 1    | PAVCTH                         |
|                                                                                     | 30       | TPE4TP002    | BAG FOR AC CORD                          | 1    | PAVCTH                         |
|  | 31       | TQB4TC0043-1 | INSTRUCTION BOOK(ENGLISH)                | 1    | (D) (K) (M) (P) (T) (V) PAVCTH |
|  | 31       | TQB4TC0044   | INSTRUCTION BOOK (THAI)                  | 1    | (T) PAVCTH                     |
|  | 31       | TQB4TC0045   | INSTRUCTION BOOK (ARABIC)                | 1    | (M) (P) PAVCTH                 |
|  | 31       | TQB4TC0049   | INSTRUCTION BOOK(ENGLISH)                | 1    | (G) (S) PAVCTH                 |
|  | 31       | TQB4TC0050   | INSTRUCTION BOOK (INDONESIA)             | 1    | (G) PAVCTH                     |
|  | 31       | TQB4TC0051-1 | INSTRUCTION BOOK (S-CHINESE)             | 1    | (K) PAVCTH                     |
|  | 31       | TQB4TC0052-1 | INSTRUCTION BOOK (VIETNAMESE)            | 1    | (V) PAVCTH                     |
|  | 31       | TQB4TC0053   | INSTRUCTION BOOK (S-CHINESE)             | 1    | (S) PAVCTH                     |
|                                                                                     | 32       | TQE4TF001    | BAG(STAND POLE)                          | 1    | PAVCTH                         |
|  | 41       | TSXM231      | CABLE (C23-SS33)                         | 1    |                                |
|  | 42       | TSXM237-1    | CABLE (C10-C20)                          | 1    |                                |
|                                                                                     | 43       | TSXM260-1    | CABLE (A20-SN20)                         | 1    |                                |
|                                                                                     | 44       | TSXM261      | CABLE (A31-C11)                          | 1    |                                |

## Model No. : TH-P42U30D/G/K/M/P/S/T/V Parts List

| Safety                                                                              | Ref. No. | Part No.    | Part Name & Description    | Q'ty | Remarks        |
|-------------------------------------------------------------------------------------|----------|-------------|----------------------------|------|----------------|
|                                                                                     | 45       | TSXM262-1   | CABLE(A32-C21)             | 1    |                |
|    | 51       | TTU4TA0067  | REAR COVER                 | 1    | (G) PAVCTH     |
|    | 51       | TTU4TA0076  | REAR COVER                 | 1    | (M) PAVCTH     |
|    | 51       | TTU4TA0079  | REAR COVER                 | 1    | (D) PAVCTH     |
|    | 51       | TTU4TA0081  | REAR COVER                 | 1    | (T) PAVCTH     |
|    | 51       | TTU4TA0083  | REAR COVER                 | 1    | (S) PAVCTH     |
|    | 51       | TTU4TA0085  | REAR COVER                 | 1    | (K) PAVCTH     |
|    | 51       | TTU4TA0087  | REAR COVER                 | 1    | (P) PAVCTH     |
|    | 51       | TTU4TA0090  | REAR COVER                 | 1    | (V) PAVCTH     |
|                                                                                     | 52       | TUX4TA010   | 42HANGER METAL             | 2    | PAVCTH         |
|                                                                                     | 53       | TXFEA01NNUA | SPEAKER L/R ASSY           | 2    | PAVCTH         |
|                                                                                     | 54       | TXFKP01NLUA | SIDE TERMINAL COVER ASSY   | 1    | PAVCTH         |
|    | 55       | TXFKY5Z0004 | CABINET ASSY               | 1    | PAVCTH         |
|                                                                                     |          | TXJA11NNUA  | SPEAKER LEAD (A11-SPL/SPR) | 1    | PAVCTH         |
|                                                                                     |          | XSB3+6FJ    | SCREW(HDMI-SIDE:1)         | 1    |                |
|                                                                                     |          | XTB4+12GFJ  | SCREW(GH:14)               | 14   |                |
|                                                                                     |          | XTB4+12GFJK | SCREW(BC:8)                | 8    | chap. 3.1. (4) |
|                                                                                     |          | XTV3+10JFJK | SCREW(REAR AV:2)           | 2    | chap. 3.1. (2) |
|                                                                                     |          | XYN3+F10FJK | SCREW(BC-AC_INLET:2)       | 2    | chap. 3.1. (1) |
|                                                                                     |          | XYN3+F8FJ   | SCREW(A-PRINT:4)           | 4    |                |
|                                                                                     |          | XYN4+E8FJ   | SCREW                      | 1    |                |
|                                                                                     | 61       | XYN5+F20FN  | SCREW M5x20 SILVER         | 4    |                |
|    |          | TBM4TC079   | MODEL NAME PLATE           | 1    | (D) PAVCTH     |
|    |          | TBM4TC067   | MODEL NAME PLATE           | 1    | (G) PAVCTH     |
|    |          | TBM4TC085   | MODEL NAME PLATE           | 1    | (K) PAVCTH     |
|    |          | TBM4TC076   | MODEL NAME PLATE           | 1    | (M) PAVCTH     |
|   |          | TBM4TC087   | MODEL NAME PLATE           | 1    | (P) PAVCTH     |
|  |          | TBM4TC083   | MODEL NAME PLATE           | 1    | (S) PAVCTH     |
|  |          | TBM4TC081   | MODEL NAME PLATE           | 1    | (T) PAVCTH     |
|  |          | TBM4TC090   | MODEL NAME PLATE           | 1    | (V) PAVCTH     |