

Service  
Service  
Service



# Service Manual

Horizontal Frequency  
30-80 kHz

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### SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

## Revision List

| Version | Release Date  | Revision History | Customer Model | TPV Model Name  |
|---------|---------------|------------------|----------------|-----------------|
| A00     | May. 07, 2009 | Initial release  | 2036S          | TA9SMGNK6WA2QN  |
|         |               |                  |                | TA9SMGNC6WA2QN  |
|         |               |                  |                | TA9SMGNQ6WA2QN  |
|         |               |                  |                | TA9SMGNQ6WA3QN  |
|         |               |                  |                | TA9SMGNQ6WA4QN  |
|         |               |                  |                | TA9SMGNP6WA5QN  |
|         |               |                  |                | TA9SMGNM6WSDQN  |
| A01     | May. 08, 2009 | Initial release  | 2036Sa         | TA9SMGNC6WA2UN  |
|         |               |                  |                | TA9SMGNK6WA2UN  |
|         |               |                  |                | TA9SMGNQ6WA2UN  |
|         |               |                  |                | TA9SMGNQ6WA3UN  |
|         |               |                  |                | TA9SMGNQ6WA4UN  |
|         |               |                  |                | TA9SMGNP6WA5UN  |
|         |               |                  |                | TA9SMGNB6WA5UN  |
| A02     | Nov. 09, 2009 | Add new models   | 2036S          | TA9GMGNQ6WA2QN  |
|         |               |                  | 2036Sa         | TA9SMGNL6WCKUN  |
|         |               |                  |                | TA9GMGNQ6WA2UN  |
|         |               |                  |                | TA9GMGNK6WA2UN  |
| A03     | Dec.31,2009   | Add new models   | 2036S          | TA9GMGNK6WA2QN  |
|         |               |                  |                | TA9GMGNK6WA2QN  |
|         |               |                  |                | TA9GMGNK6WA2QN  |
|         |               |                  |                | TA9GMGNM6WSDQN  |
|         |               |                  | 2036Sa         | TA9GMGNB6WK2UN  |
|         |               |                  |                | TA9SMGNK6WA2UN  |
| A04     | Apr.19.2010   | Add new models   | 2036S          | TA9SMGNM6WSDQN  |
|         |               |                  |                | TA9SMGNM6WRLQN  |
|         |               |                  |                | TA9GMGNM6WRLQN  |
|         |               |                  |                | TA9GMGNM6WSDQN  |
|         |               |                  | 2036Sa         | TA9SMGNL6WCKUN  |
| A05     | Sep.-02-2010  | Add new model    | 2036Sa         | TA9SMGNK6WA1UNE |
| A06     | Oct.-09-2010  | Add new models   | 2036Sa         | TAASMGNK6WACUNE |
|         |               |                  |                | TAASMGNB6WA1UNE |

|                 |              |                                       |                 |                 |
|-----------------|--------------|---------------------------------------|-----------------|-----------------|
| A06             | Oct.-09-2010 | Add power PCB<br>(715G2892P01019001C) | 2036S           | TA9GMGNQ6WA1QNE |
|                 |              |                                       |                 | TA9SMGNC6WA13NE |
|                 |              |                                       |                 | TA9SMGNC6WA1QNE |
|                 |              |                                       |                 | TA9SMGND6WA3QNE |
|                 |              |                                       |                 | TA9SMGND6WA4QNE |
|                 |              |                                       |                 | TA9SMGNK6WA1QNE |
|                 |              |                                       |                 | TA9SMGNK6WA2QNE |
|                 |              |                                       |                 | TA9SMGNL6WA1QNE |
|                 |              |                                       |                 | TA9SMGNM6WA1QNE |
|                 |              |                                       |                 | TA9SMGNP6WA1QNE |
|                 |              |                                       |                 | TA9SMGNP6WA4QNE |
|                 |              |                                       |                 | TA9SMGNQ6WA1QNE |
|                 |              |                                       |                 | TA9SMGNQ6WA3QNE |
|                 |              |                                       |                 | TAAGMGND6WA4QNE |
|                 |              |                                       |                 | TAAGMGNK6WA1QNE |
|                 |              |                                       |                 | TAAGMGNQ6WA1QNE |
|                 |              |                                       |                 | TAASMGNC6WA13NE |
|                 |              |                                       | TA9SMGNY6WA3QNE |                 |
|                 |              |                                       | TA9GMGND6WA4QNE |                 |
|                 |              |                                       | TA9GMGNK6WA1QNE |                 |
|                 |              |                                       | TA9GMGNP6WA1QNE |                 |
|                 |              |                                       | 2036Sa          | TA9GMGNB6WA1UNE |
|                 |              |                                       |                 | TA9GMGNC6WA1UNE |
|                 |              |                                       |                 | TA9GMGNK6WA1UNE |
|                 |              |                                       |                 | TA9GMGNQ6WA1UNE |
|                 |              |                                       |                 | TA9SMGNB6WA1UNE |
|                 |              |                                       |                 | TA9SMGNC6WA1UNE |
| TA9SMGNL6WA1UNE |              |                                       |                 |                 |
| TA9SMGNQ6WA1UNE |              |                                       |                 |                 |
| TAAGMGNB6WA1UNE |              |                                       |                 |                 |
| TAAGMGNC6WACUNE |              |                                       |                 |                 |
| TAAGMGNK6WA1UNE |              |                                       |                 |                 |
| TAAGMGNQ6WA1UNE |              |                                       |                 |                 |
| A07             | Dec.-14-2010 | Add new model                         | 2036S           | TA9GMGNM6WSDQN  |
| A08             | Dec.-06-2011 | Add new model                         | 2036Sa          | TAASMGNE6WA1UNE |
|                 |              |                                       |                 | TABSMGNB6WA1UNE |

## Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

Hereafter throughout this manual, AOC Company will be referred to as AOC.

### WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design. Servicer assumes all liability.

### FOR PRODUCTS CONTAINING LASER:

DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.

CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit

- Must mount the module using mounting holes arranged in four corners.
- Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
- Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
- Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
- Make certain that treatment person's body is grounded through wristband.
- Do not leave the module in high temperature and in areas of high humidity for a long time.
- Avoid contact with water as it may a short circuit within the module.
- If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

# 1. Monitor Specifications

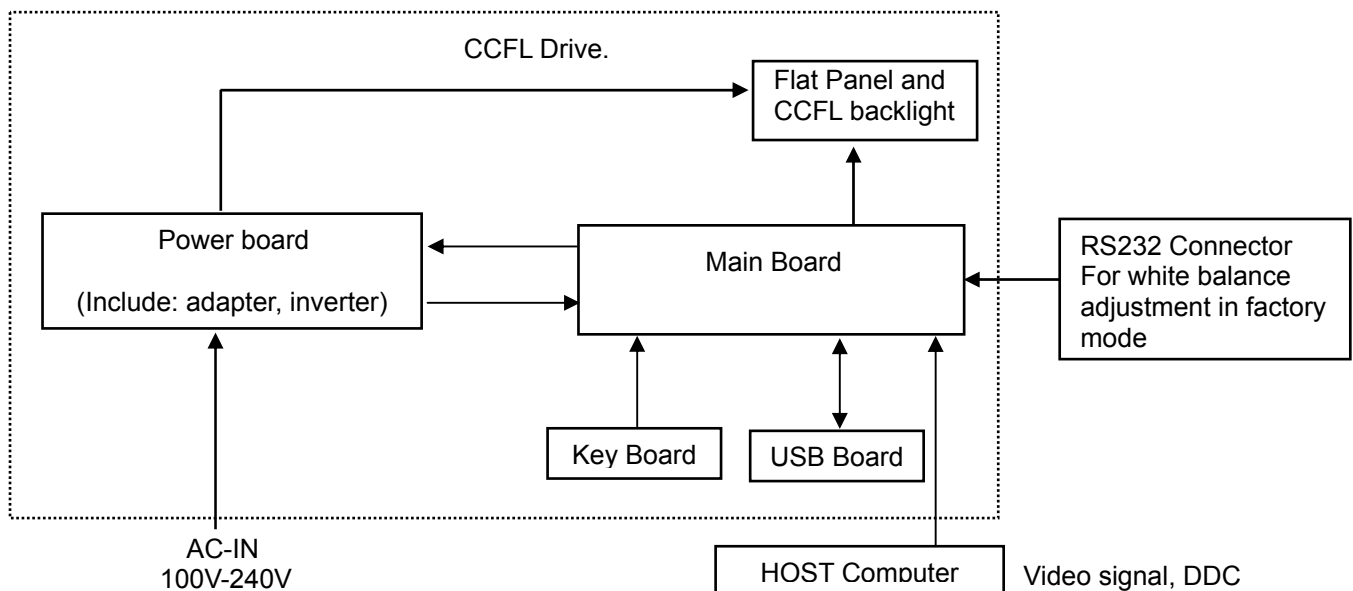
|                          |                               |  |                             |  |
|--------------------------|-------------------------------|--|-----------------------------|--|
| LCD Panel                | Model number                  | 2036S&2036Sa                                 |                             |  |
|                          | Driving system                | TFT Color LCD                                |                             |  |
|                          | Viewable Image Size           | 508.05mm diagonal                            |                             |  |
|                          | Pixel pitch                   | 0.2768mm(H) x 0.2768mm(V)                    |                             |  |
|                          | Video                         | R, G, B Analog Interface & Digital Interface |                             |  |
|                          | Separate Sync.                | H/V TTL                                      |                             |  |
|                          | Display Color                 | 16.7M Colors                                 |                             |  |
|                          | Dot Clock                     | 140MHz                                       |                             |  |
| Resolution               | Horizontal scan range         | 30 kHz - 80 kHz                              |                             |  |
|                          | Horizontal scan Size(Maximum) | 442.8mm                                      |                             |  |
|                          | Vertical scan range           | 55 Hz - 75 Hz                                |                             |  |
|                          | Vertical scan Size(Maximum)   | 249.075mm                                    |                             |  |
|                          | Optimal preset resolution     | 1600 x 900 (60 Hz)                           |                             |  |
|                          | Highest preset resolution     | 1600 x 900 (60 Hz) )                         |                             |  |
|                          | Plug & Play                   | VESA DDC2B/CI                                |                             |  |
|                          | Input Connector               | D-Sub 15pin                                  |                             |  |
|                          | Input Video Signal            | Analog: 0.7Vp-p(standard), 75 OHM            |                             |  |
|                          | Power Source                  | 100-240VAC, 50/60Hz                          |                             |  |
|                          | Power Consumption             | 2036S  | Typical < 25W               |  |
|                          |                               | 2036Sa                                       | Typical < 32W               |  |
| Standby < 1 W            |                               |  |                             |  |
| Physical Characteristics | Connector Type                | 15-pin Mini D-Sub                            |                             |  |
|                          | Signal Cable Type             | Detachable                                   |                             |  |
|                          | Dimensions & Weight:          | Height (with base)                           | 378mm                       |  |
|                          |                               | Width  | 493.8mm                     |  |
|                          |                               | Depth  | 186mm                       |  |
|                          |                               | Weight (monitor only)                        | 4.2 kg                      |  |
| Weight (with packaging)  |                               | 5.5kg  |                             |  |
| Environmental            | Temperature:                  | Operating                                    | 0° to 40°                   |  |
|                          |                               | Non-Operating                                | -20°to 60°                  |  |
|                          | Humidity:                     | Operating                                    | 10% to 85% (non-condensing) |  |
|                          |                               | Non-Operating                                | 5% to 80% (non-condensing)  |  |
|                          | Altitude:                     | Operating                                    | 0~ 3000m (0~ 10000 ft )     |  |
|                          |                               | Non-Operating                                | 0~ 5000m (0~ 15000 ft )     |  |

## 2. LCD Monitor Description

The LCD monitor will contain a main board, a power board, a key board and two USB board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.

**Monitor Block Diagram**



### 3. Operating Instructions

#### 3.1 General Instructions

Press the power button to turn the monitor on or off. The other control buttons are located on the side of the monitor. By changing these settings, the picture can be adjusted to your personal preference.

- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor position. The power indicator will light up.

#### 3.2 Control Buttons and Connections

##### 3.2.1 Control Buttons



**Power:** Press to turn on or turn off the monitor.

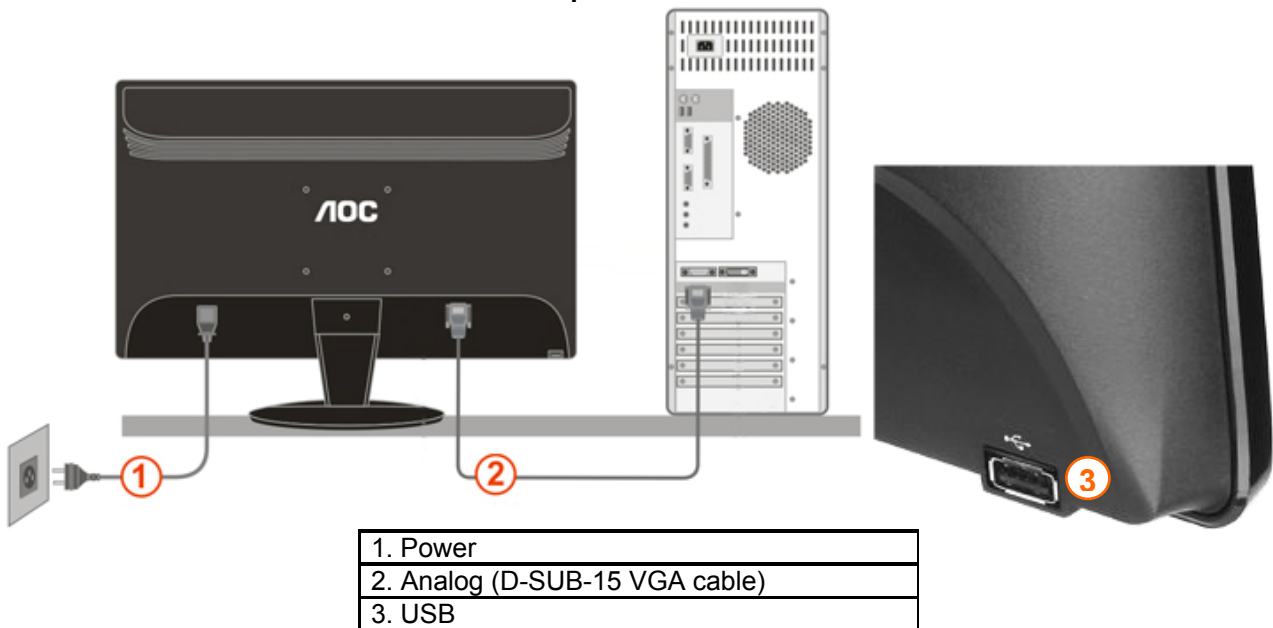
##### 4:3 or wide / Up

Press **^** key to change the screen aspect ratio between standard 4:3 format or Wide format. When the input resolution is wide format, the aspect ratio hotkey is disabled. When the main menu or sub-menu is active, the **^** key functions as to select up or increase value.

**Auto / Down:** Auto configure hot key: When the OSD is closed, press Auto button to do auto configure.

##### 3.2.2 Connections

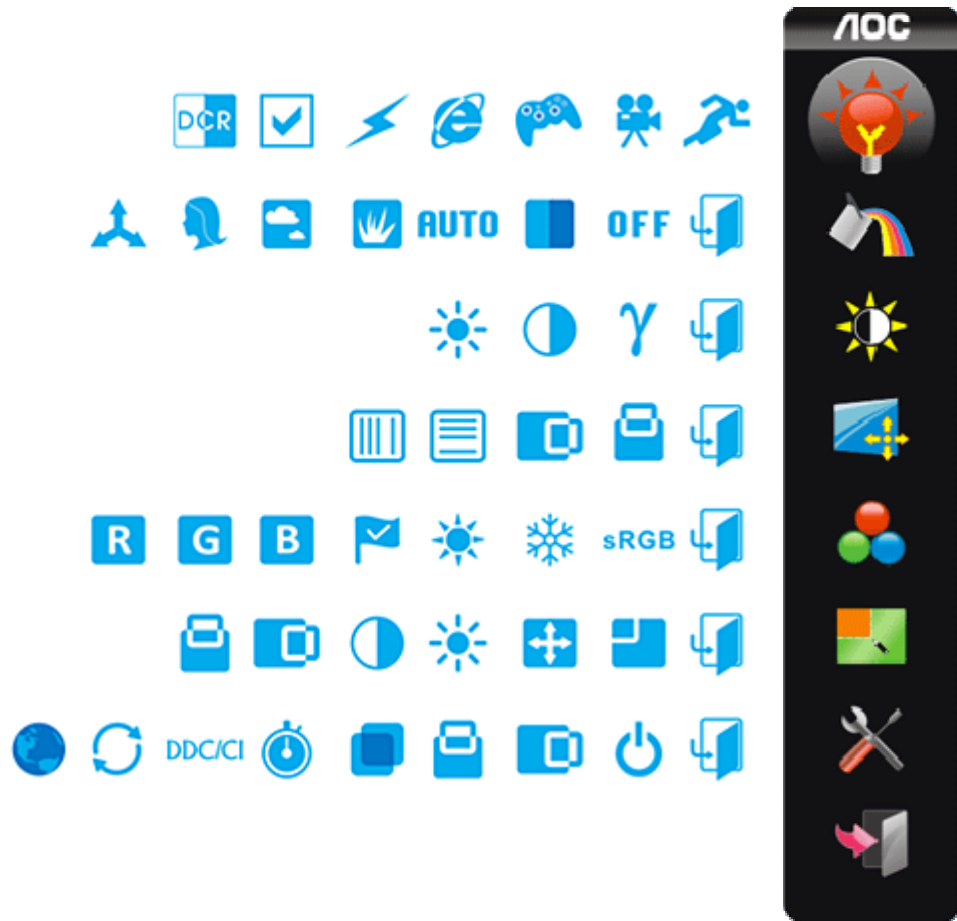
##### Cable Connections on Back of Monitor and Computer



To protect equipment, always turn off the PC and LCD monitor before connecting.

1. Connect the power cable to the AC port on the back of the monitor.
2. Connect one end of the 15-pin D-Sub cable to the back of the monitor and connect the other end to the computer's D-Sub port.
3. Turn on your monitor and computer.

### 3.3 OSD Menu



Eco mode ---DCR, Standard, Text, Internet, Game, Movie, Sports

Notes: When Eco mode is not set as “Standard”, Contrast and Brightness can not be adjusted; When DCR is set as “On”, Contrast, Brightness, Eco mode and Gamma can not be adjusted.



Color Boost --- Full Enhance, Nature Skin, Sky-Blue, Green Field, Auto Detect, Demo, Off, Exit

Notes:

Full Enhance: Total color saturation is enhanced, suitable for vivid pictures.

Natural Skin: Suitable for human portrait.

Green Field: Suitable for large area of green.

Sky Blue: Suitable for sky or ocean scene.

Auto Detect: Suitable for outdoor or garden.

Demo: Screen divided into two for comparison purpose.



Luminance ---Brightness, Contrast, Gamma

Notes: When Eco mode is not set as “Standard”, Contrast and Brightness can not be adjusted; When DCR is set as “On”, Contrast, Brightness, Eco mode and Gamma can not be adjusted.





Image Setup ---Clock, Phase, H.Position, V.Position, Exit



Color Temperature ---User-R, User-G, User-B, Normal, Warm, Cool, sRGB, Exit



Picture Boost --- V.Position, H.Position, Contrast, Brightness, Frame Size, Bright Frame, Exit

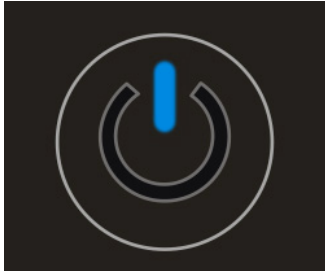



Extra---Language, Reset, DDC-CI, OSD Timeout, Transparency, V. Position, H. Position, **Off Timer\***,Exit

**\*There is Off Timer function for this model, you can set it to turn off automatically.**



Exit

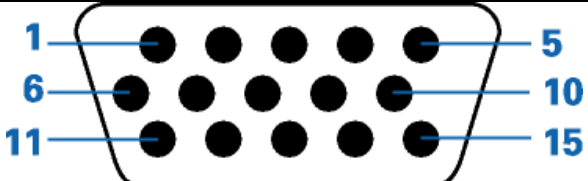
| Status          | LED Color |  |
|-----------------|-----------|--|
| Full Power Mode | Blue      |  |
| Active-off Mode | Orange    |  |

## 4. Input/Output Specification

### 4.1 Input Signal Connector

Analog connectors

| Pin No. | Description  | Pin No. | Description      |
|---------|--------------|---------|------------------|
| 1       | Video-Red    | 9       | +5V              |
| 2       | Video-Green  | 10      | Ground           |
| 3       | Video-Blue   | 11      | N.C.             |
| 4       | N.C.         | 12      | DDC-Serial Data  |
| 5       | Detect Cable | 13      | H-Sync           |
| 6       | GND-R        | 14      | V-Sync           |
| 7       | GND-G        | 15      | DDC-Serial Clock |
| 8       | GND-B        |         |                  |

The diagram shows a 15-pin connector with a 3x5 grid of pins. Blue lines and numbers point to specific pins: 1 (top-left), 5 (top-right), 6 (second row, left), 10 (second row, right), 11 (third row, left), and 15 (third row, right).

### 4.2 Factory Preset Display Modes

| Stand    | Resolution         | Horizontal Frequency(kHZ) | Vertical Frequency(Hz) |
|----------|--------------------|---------------------------|------------------------|
| VGA      | 640×480 @60Hz DMT  | 31.469                    | 59.940                 |
| VGA      | 640×480 @67Hz MAC  | 35.000                    | 66.667                 |
| VGA      | 640×480 @72Hz DMT  | 37.861                    | 72.809                 |
| VGA      | 640×480 @75Hz DMT  | 37.500                    | 75.000                 |
| Dos-mode | 720×400 @70Hz DOS  | 31.469                    | 70.087                 |
| SVGA     | 800×600 @56Hz DMT  | 35.156                    | 56.250                 |
| SVGA     | 800×600 @60Hz DMT  | 37.879                    | 60.317                 |
| SVGA     | 800×600 @72Hz DMT  | 48.077                    | 72.188                 |
| SVGA     | 800×600 @75Hz DMT  | 46.875                    | 75.000                 |
| SVGA     | 832×624 @75Hz      | 49.725                    | 74.550                 |
| XGA      | 1024×768 @60Hz DMT | 48.363                    | 60.004                 |
| XGA      | 1024×768 @70Hz DMT | 56.476                    | 70.069                 |
| XGA      | 1024×768 @75Hz DMT | 60.023                    | 75.029                 |
| WSXGA    | 1600×900 @60Hz DMT | 60.000                    | 60.000                 |

## 4.3 Panel Specification

### 4.3.1 General Features

#### Description

LTM200KT03 is a color active matrix liquid crystal display (LCD) that uses amorphous silicon TFT (Thin Film Transistor) as switching components. This model is composed of a TFT LCD panel, a driver circuit and a back light unit. The resolution of a 20.0" is 1600 x 900 and this model can display up to 16.7 millions colors.

#### Features

- High contrast ratio, high aperture structure
- TN (Twisted Nematic) mode
- Wide Viewing Angle
- High speed response
- HD+ (1600 x 900 pixels) resolution
- Low power consumption
- 2 CCFTs (Cold Cathode Fluorescent Tube)
- DE (Data Enable) only mode
- LVDS (Low Voltage Differential Signaling) interface (2pixel/clock)
- Compact Size Design
- RoHS compliance
- TCO'03 compliance

#### Applications

- Workstation & desktop monitors
- Display terminals for AV application products
- Monitors for industrial machine

\* If the module is used to other applications besides the above, please contact SEC in advance.

### 4.3.2 Display Characteristics

| Items               | Specification              | Unit              |
|---------------------|----------------------------|-------------------|
| Pixel Pitch         | 0.2768(H) x 0.2768(W)      | mm                |
| Active Display Area | 442.8(W) x 249.075(H)      | mm                |
| Surface Treatment   | Haze 25%, Hard-coating(3H) |                   |
| Display Colors      | 16.7M ( 6bit Hi-FRC )      | colors            |
| Number of Pixels    | 1600 x 900                 | pixel             |
| Pixel Arrangement   | RGB vertical stripe        |                   |
| Display Mode        | Normally White             |                   |
| Luminance of White  | 250(Typ.)                  | cd/m <sup>2</sup> |

#### Mechanical Information

| Item        |                | Min.  | Typ.  | Max.  | Unit | Note               |
|-------------|----------------|-------|-------|-------|------|--------------------|
| Module size | Horizontal (H) | 462.3 | 462.8 | 463.3 | mm   | w/o inverter ass'y |
|             | Vertical (V)   | 271.5 | 272.0 | 272.5 | mm   |                    |
|             | Depth (D)      | -     | -     | 17.5  | mm   |                    |
| Weight      |                | -     | -     | 2,600 | g    | LCD module only    |

### 4.3.3 Optical Characteristic

(Ta = 25 ± 2°C, VDD=5V, fv= 60Hz, fDCLK=59.1MHz, IL = 6.5mAms)

| Item                                     | Symbol                           | Condition     | Min.  | Typ.   | Max.   | Unit  |   |       |   |  |
|--|----------------------------------|---------------|---|--------|--------|-------|---|-------|---|--|
| Contrast Ratio<br>(Center of screen)     | C/R                              |               | 600   | 1000   | -      |       |   |       |   |  |
| Response Time                            | On/Off                           | Tr+Tf         | -   | 5      | 10     | msec  |   |       |   |  |
|  |                                  |               |   |        |        | msec  |   |       |   |  |
| Luminance of White<br>(Center of screen) | YL                               |               | 200   | 250    | -      | cd/m2 |   |       |   |  |
| Color Chromaticity<br>(CIE 1931)         | Red                              | Rx            | Normal<br>$\theta_{L,R}=0$<br>$\theta_{U,D}=0$<br><br>Viewing Angle | -0.030 | +0.030 |       |   |       |   |  |
|  |                                  | Ry            |   |        |        |       |   |       |   |  |
|  | Green                            | Gx            |   |        |        | 0.650 |   |       |   |  |
|  |                                  | Gy            |   |        |        | 0.335 |   |       |   |  |
|  | Blue                             | Bx            |   |        |        | 0.295 |   |       |   |  |
|  |                                  | By            |   |        |        | 0.605 |   |       |   |  |
|  | White                            | Wx            |   |        |        | 0.145 |   |       |   |  |
|  |                                  | Wy            |   |        |        | 0.075 |   |       |   |  |
|  | Color Chromaticity<br>(CIE 1976) | Red           |   |        |        | Ru'   | - | 0.455 | - |  |
|  |                                  |               |   |        |        | Rv'   | - | 0.527 | - |  |
| Green                                    |                                  | Gu'           | -   | 0.122  | -      |       |   |       |   |  |
|  |                                  | Gv'           | -   | 0.563  | -      |       |   |       |   |  |
| Blue                                     |                                  | Bu'           | -   | 0.161  | -      |       |   |       |   |  |
|  |                                  | Bv'           | -   | 0.187  | -      |       |   |       |   |  |
| White                                    |                                  | Wu'           | -   | 0.198  | -      |       |   |       |   |  |
|  |                                  | Wv'           | -   | 0.468  | -      |       |   |       |   |  |
| C.G.L                                    | White                            | $\Delta u'v'$ | -   | -      | 0.02   |       |   |       |   |  |

| Item                                | Symbol           | Condition  | Min.  | Typ. | Max. | Unit |         |
|-------------------------------------|------------------|------------|-------|------|------|------|---------|
| Color Gamut                         | -                |            | -     | 72   | -    | %    |         |
| Color Temperature                   | -                |            | -     | 6500 | -    | K    |         |
| Viewing Angle                       | Hor.             | $\theta_L$ | CR≥10 | 70   | 80   | -    | Degrees |
|                                     |                  | $\theta_R$ |       |      |      |      |         |
|                                     | Ver.             | $\theta_U$ |       |      |      |      |         |
|                                     |                  | $\theta_D$ |       |      |      |      |         |
| Brightness Uniformity<br>(9 Points) | B <sub>uni</sub> |            | -     | -    | 25   | %    |         |

#### 4.3.4 Electrical Characteristics

Ta = 25°C

##### (1) TFT-LCD

| Item                       |  | Symbol             | Min.                       | Typ.  | Max.                         | Unit |
|----------------------------|--|--------------------|----------------------------|-------|------------------------------|------|
| Voltage of Power Supply    |  | V <sub>DD</sub>    | 4.5                        | 5.0   | 5.5                          | V    |
| LVDS Input Characteristics | Differential Input Voltage for LVDS Receiver Threshold | High               | -                          | -     | +100                         | mV   |
|                            |  | Low                | -100                       | -     | -                            | mV   |
|                            | LVDS skew  | t <sub>SKREW</sub> | -300                       |       | 300                          |      |
|                            | Differential input voltage                             | V <sub>ID</sub>    | 200                        |       | 600                          | mV   |
|                            | Input voltage range (single-ended)                     | V <sub>IN</sub>    | 0                          |       | 2.4                          | V    |
|                            | Common mode voltage                                    | V <sub>CM</sub>    | 0+<br> V <sub>ID</sub>  /2 | 1.2   | 2.4-<br> V <sub>ID</sub>  /2 | V    |
| Current of Power Supply    | (a) Black  | I <sub>DD</sub>    | -                          | 800   | -                            | mA   |
|                            | (b) White  |                    | -                          | 600   | -                            | mA   |
|                            | (c) Dot  |                    | -                          | 1,000 | 1,500                        | mA   |
| Vsync Frequency            |  | f <sub>V</sub>     | 50                         | 60    | 75                           | Hz   |
| Hsync Frequency            |  | f <sub>H</sub>     | 46.3                       | 56.0  | 70.4                         | kHz  |
| Main Frequency             |  | f <sub>DCLK</sub>  | 48.5                       | 59.2  | 76.1                         | MHz  |
| Rush Current               |  | I <sub>RUSH</sub>  | -                          | -     | 3.0                          | A    |

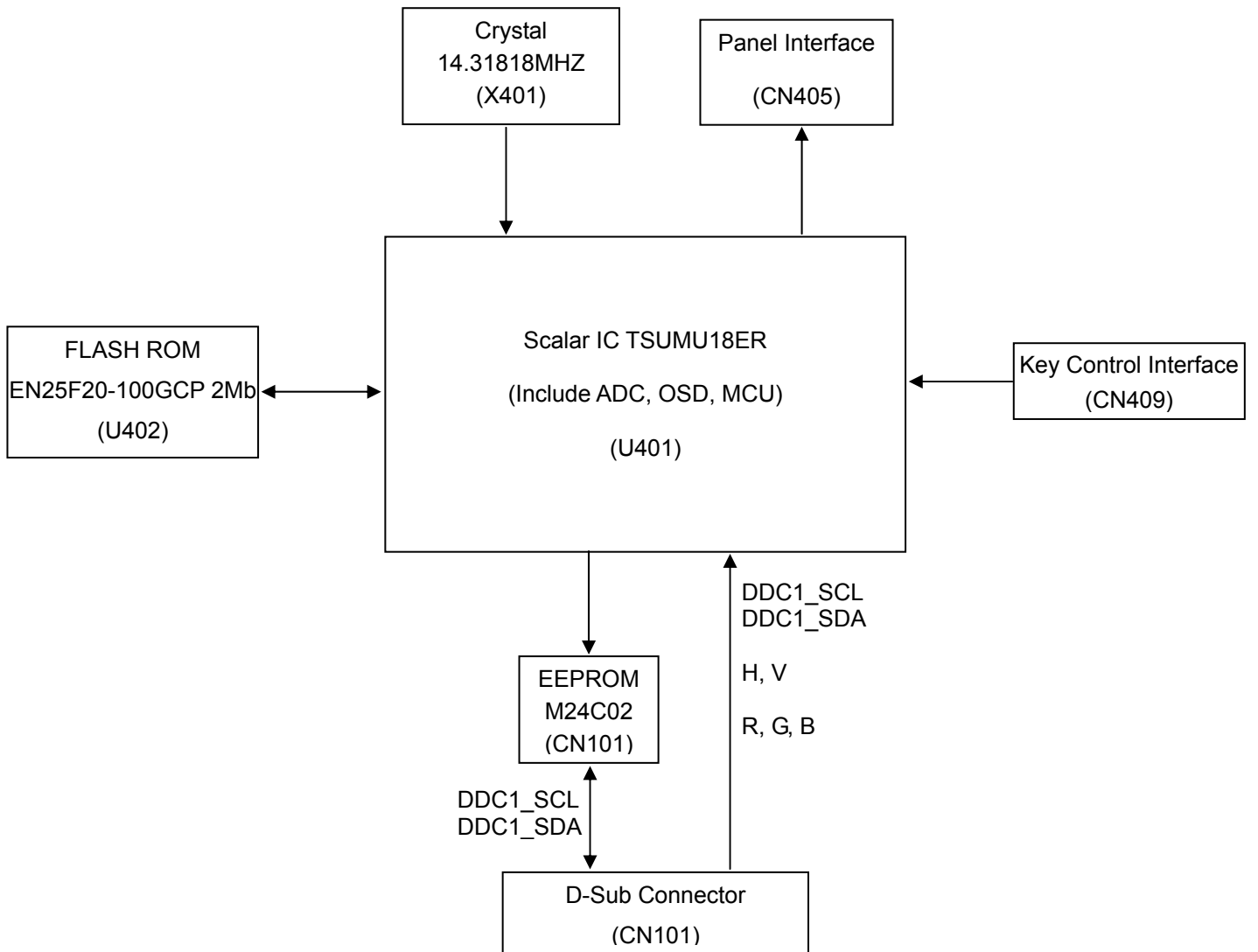
##### (2) Backlight

Ta=25 ± 2°C

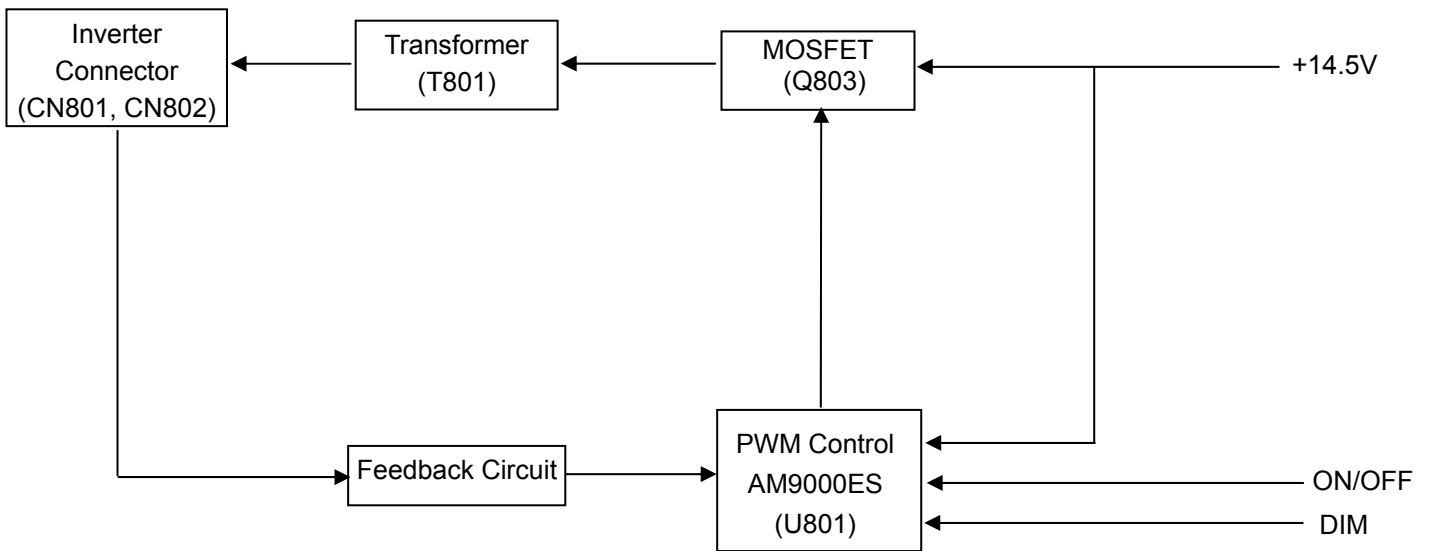
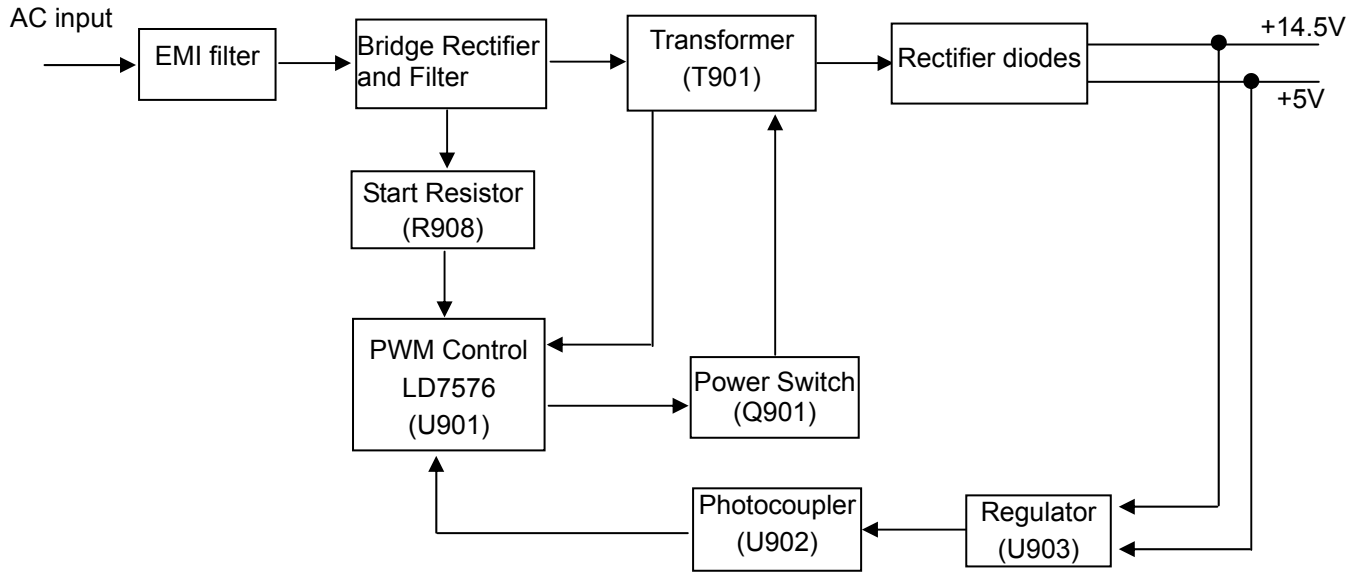
| Item                |                 | Symbol         | Min.   | Typ.  | Max.                        | Unit  |
|---------------------|-----------------|----------------|--------|-------|-----------------------------|-------|
| Lamp Current        |                 | I <sub>L</sub> | 3.0    | 8.0   | 8.5                         | mArms |
| Lamp Voltage        |                 | V <sub>L</sub> |        | 730   |                             | Vrms  |
| Lamp Frequency      |                 | f <sub>L</sub> | 40     | -     | 60                          | kHz   |
| Operating Life Time |                 | Hr             | 50,000 | -     | -                           | Hour  |
| Inverter waveform   | Asymmetry rate  | Wasy           | -      | -     | 10                          | %     |
|                     | Distortion rate | Wdis           | 1.2726 | 1.414 | 1.5554                      |       |
| Startup Voltage     |                 | Vs             | -      | -     | 0°C : 1,700<br>25°C : 1,400 | Vrms  |

## 5. Block Diagram

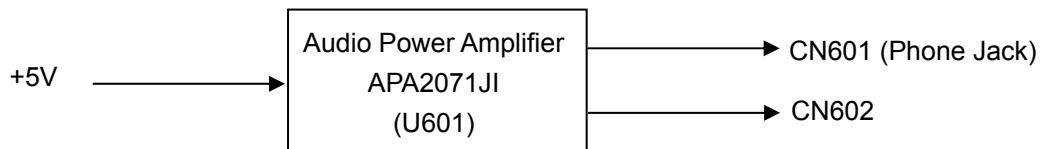
### 5.1 Main Board



## 5.2 Power Board

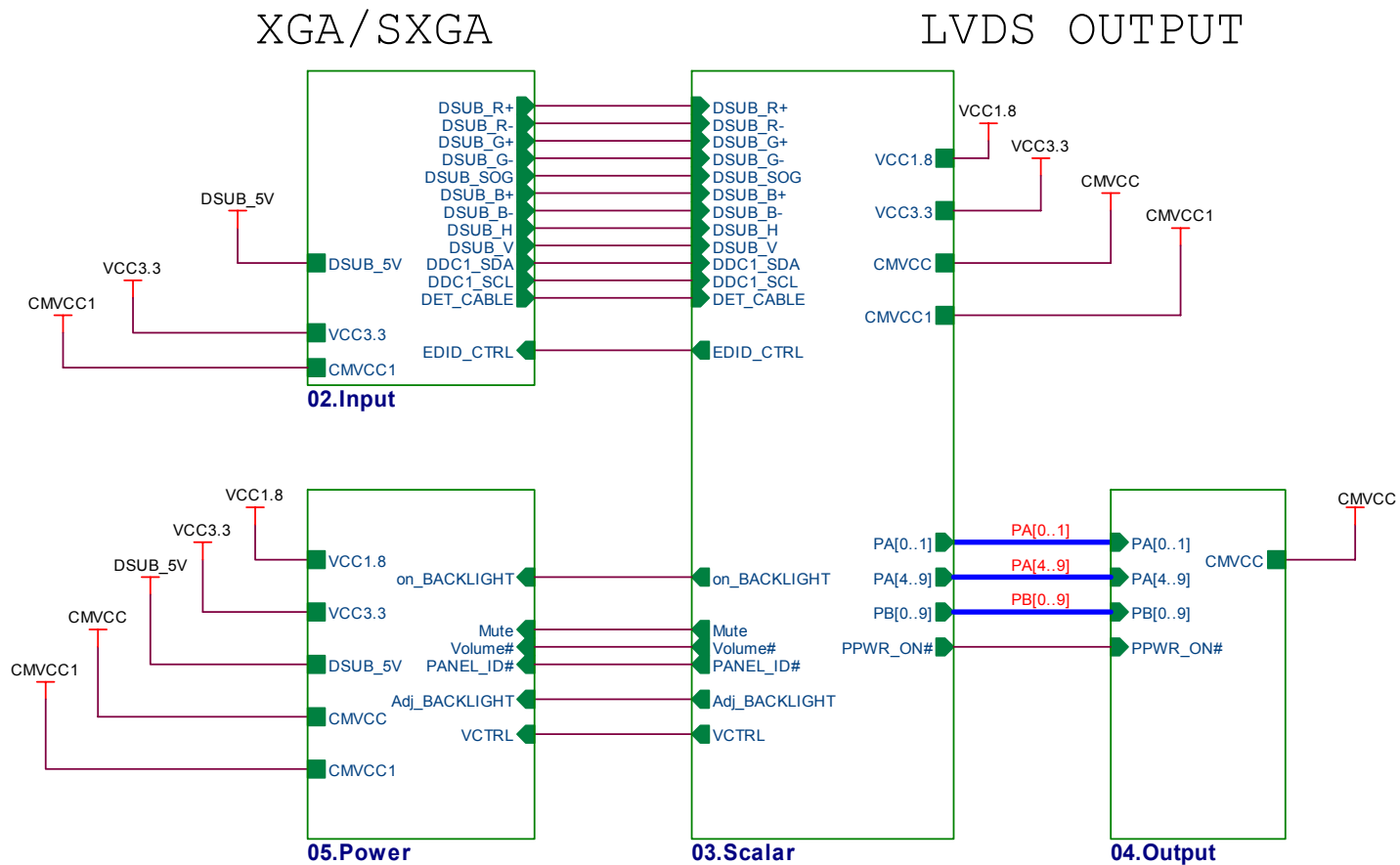


### For 2036Sa (With Audio)



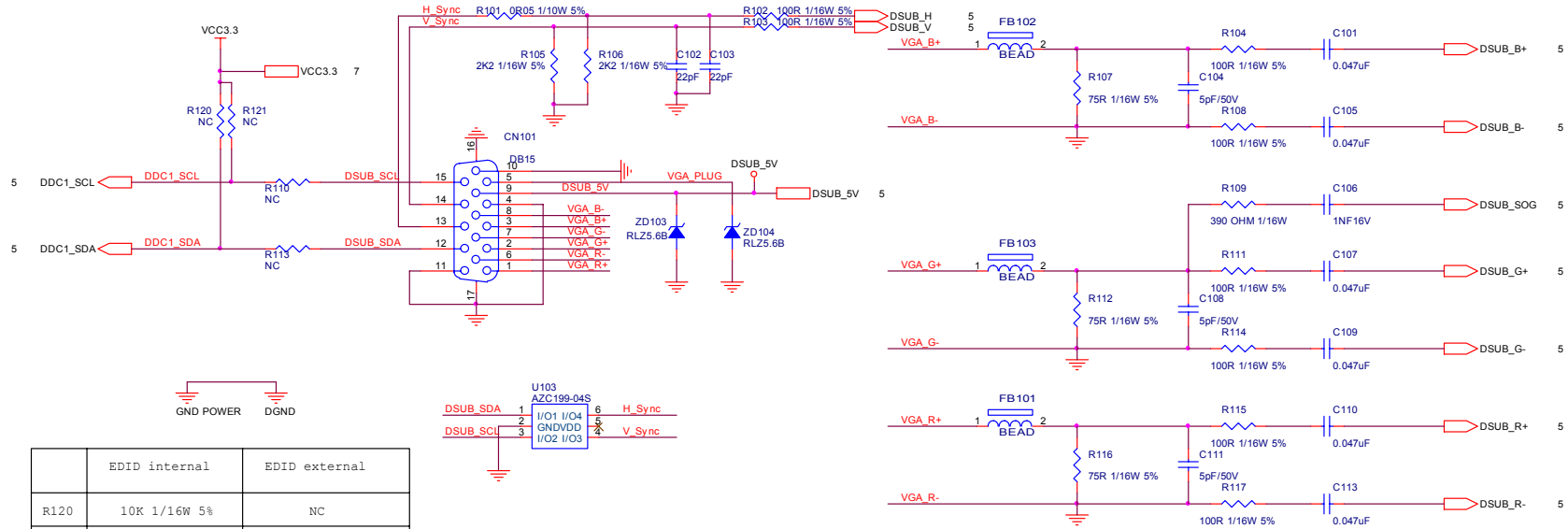
6. Schematic  
6.1 Main Board  
715G3244 1

# TSUMU18ER SCHEMATIC

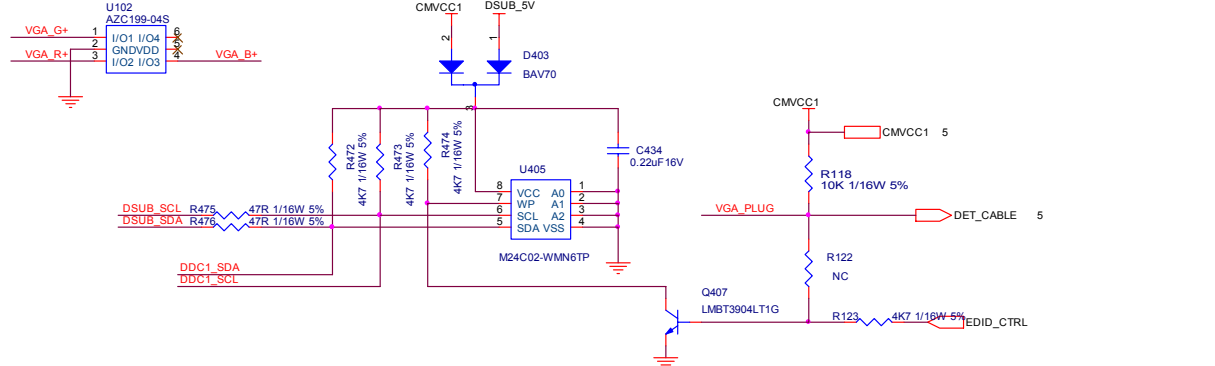


|   |                           |           |            |    |
|---|---------------------------|-----------|------------|----|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                 |           | Size       | A  |
| 紙隔瓜網腹                                   | G3244-I-X-X-8-090108      | TPV MODEL | Rev        | I  |
| Key Component                           | 01.Top                    | PCB NAME  | 715G3244-I | 称爹 |
| Date                                    | Friday, February 20, 2009 | Sheet     | 3 of 7     |    |



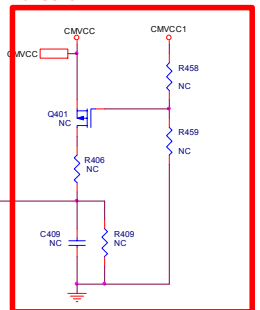
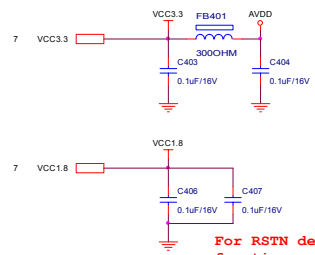
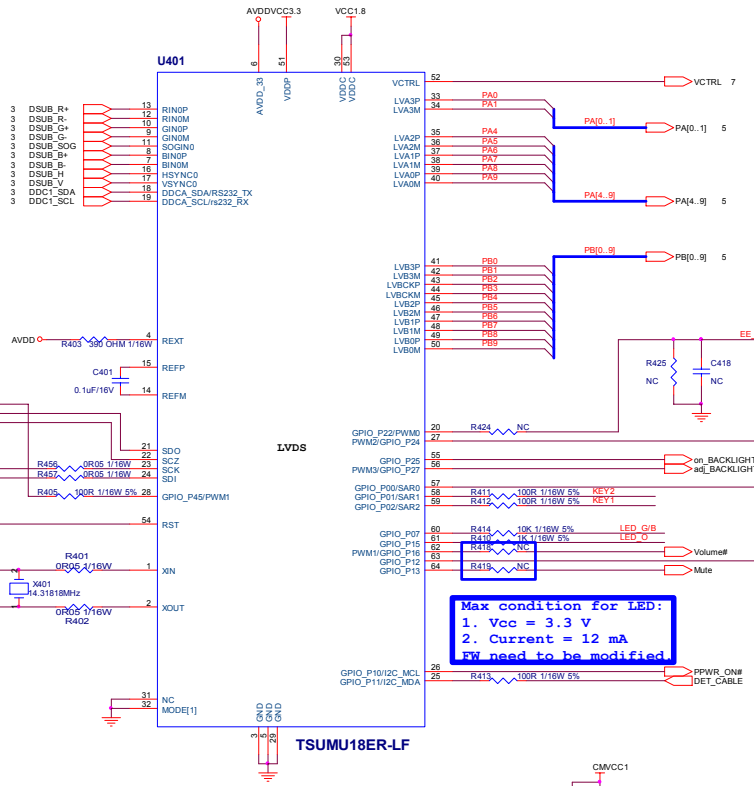


|      | EDID internal | EDID external  |
|------|---------------|----------------|
| R120 | 10K 1/16W 5%  | NC             |
| R121 | 10K 1/16W 5%  | NC             |
| R110 | 100R 1/16W 5% | NC             |
| R113 | 100R 1/16W 5% | NC             |
| D403 | NC            | BAV70          |
| U405 | NC            | M24C02-WMN6TP  |
| Q407 | NC            | 2N3904S-RTR/PS |
| R472 | NC            | 4K7 1/16W 5%   |
| R473 | NC            | 4K7 1/16W 5%   |
| R474 | NC            | 4K7 1/16W 5%   |
| R475 | NC            | 47R 1/16W 5%   |
| R476 | NC            | 47R 1/16W 5%   |
| C434 | NC            | 0.22uF         |



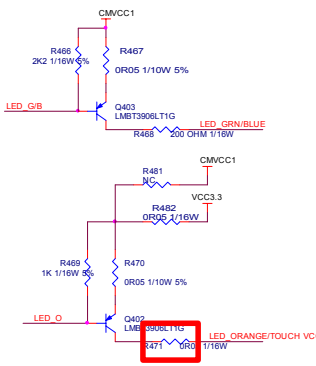
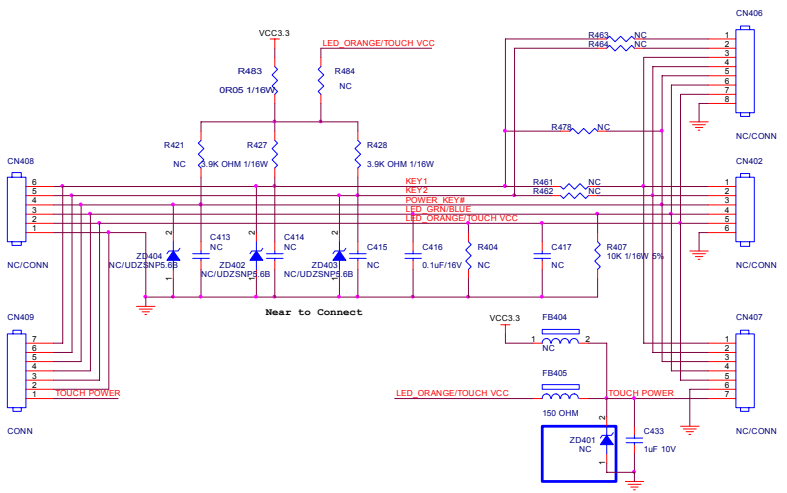
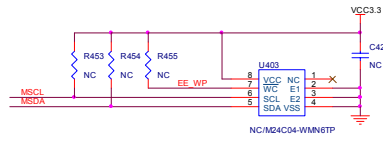
|   |                           |           |            |   |
|---|---------------------------|-----------|------------|---|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                 |           | Size       | B |
| 銘隔瓜製                                    | G3244-I-X-8-090108        | TPV MODEL | Rev        | I |
| Key Component                           | 02.Input                  | PCB NAME  | 715G3244-I |   |
| Date                                    | Friday, February 20, 2009 | Sheet     | 4 of 7     | 標 |

|                          |   |
|--------------------------|---|
|                          | <b>U402</b>                                       |
| <b>SST</b><br><b>Eon</b> | For user data, WB, EDID, HDCP are saved in Flash. |
| <b>SST</b>               | <b>U402</b>                                       |
| <b>010A</b>              | Before AOC ID2007 OSD                             |
| <b>020A</b>              | For ID2008 ID2009                                 |
| <b>Eon</b>               | <b>U402</b>                                       |
| <b>020</b>               | For All model                                     |



**Max condition for LED:**  
 1. Vcc = 3.3 V  
 2. Current = 12 mA  
 FW need to be modified.

**According to MST's request, reserve another RSTN circuit**



**When use touch Key, GPIO\_P07 as to control touch key VCC**

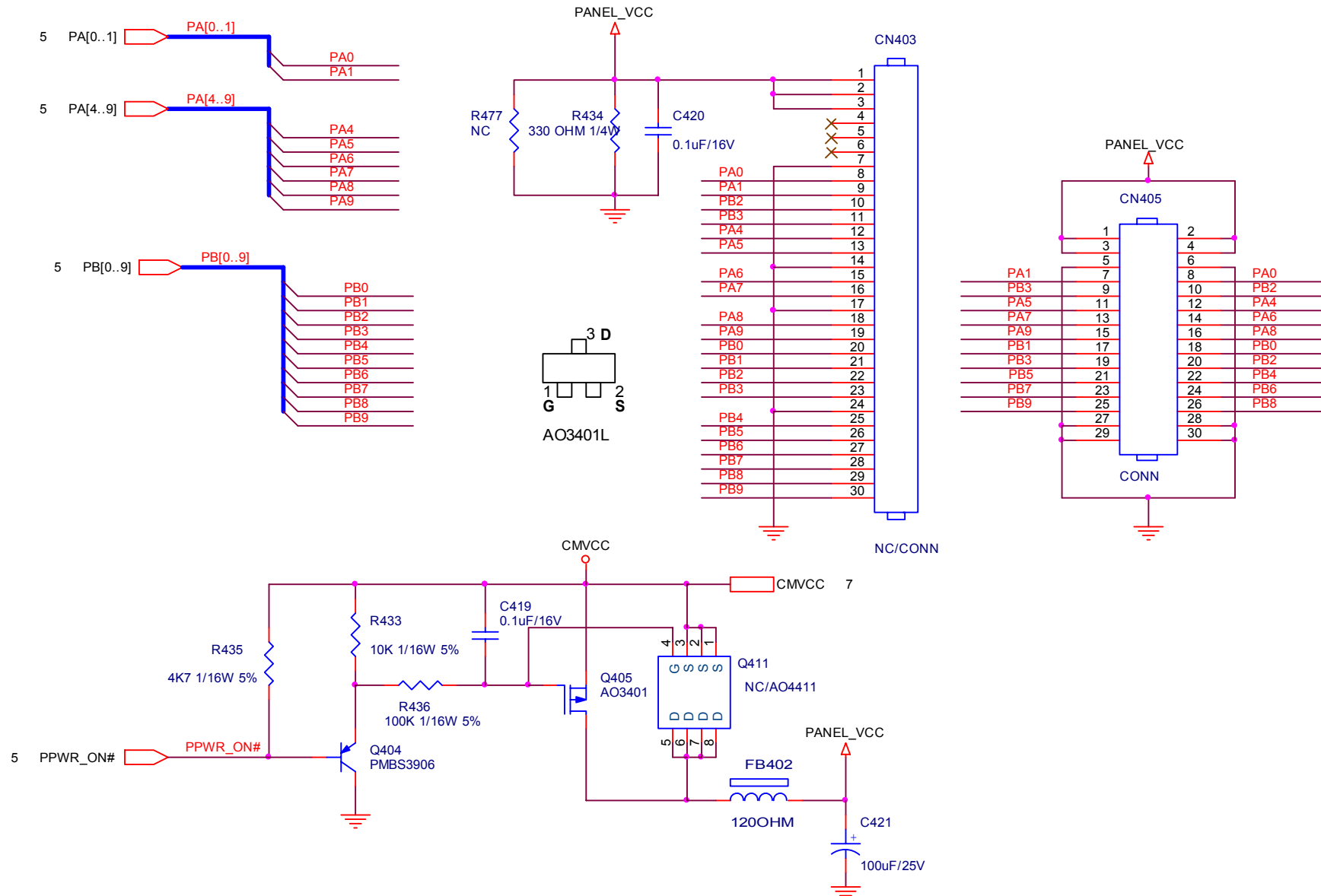
|      | For NVRAM     | Without NVRAM       |
|------|---------------|---------------------|
| U403 | M24C04-WMN6TP | NC                  |
| C419 | 0.22uF16V     | NC                  |
| R424 | 100R 1/16W 5% | NC                  |
| R451 | 100R 1/16W 5% | NC                  |
| R452 | 100R 1/16W 5% | NC                  |
| R453 | 10K 1/16W 5%  | NC                  |
| R454 | 10K 1/16W 5%  | NC                  |
| R455 | 10K 1/16W 5%  | NC                  |
| R426 | NC            | NC or 100R 1/16W 5% |
| R420 | NC            | NC or 100R 1/16W 5% |

**When NVRAM is used, POWER\_KEY# and PANEL\_ID# will not be used at same time. R425, C418 depend on case.**

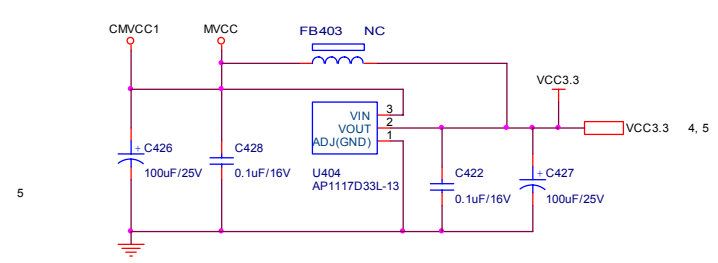
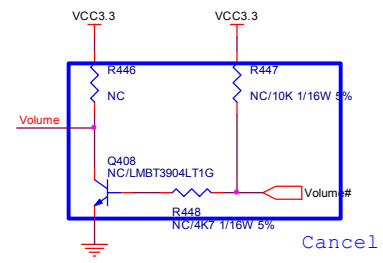
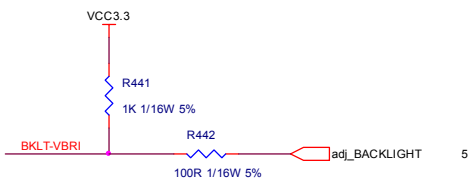
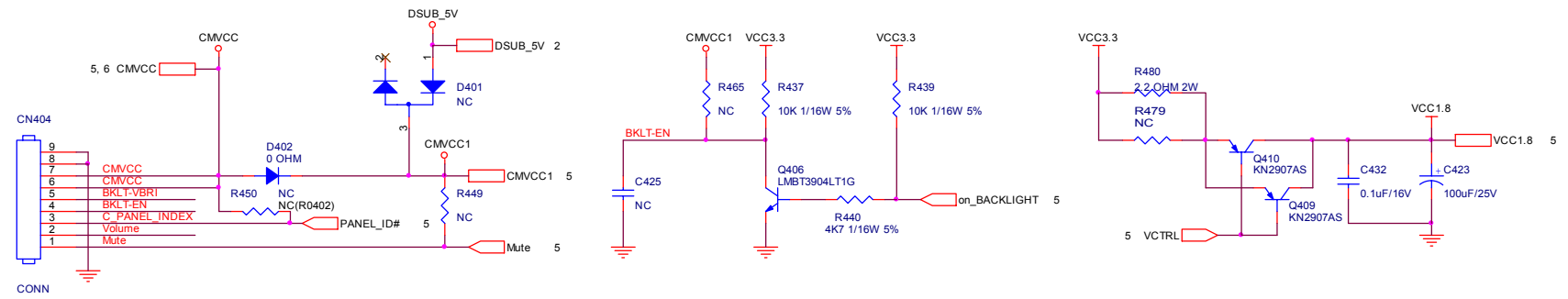
**PANEL\_ID# and POWER\_KEY# could be optional.**



|   |                        |          |            |
|---|------------------------|----------|------------|
| TPV (Top_Victory_Electronics_Co.,_Ltd.) | OEM MODEL              | Sta      | C          |
| 威盛电子                                    | G3244-1-X-8-09020      | Rev      | 1          |
| Key Component                           | 03_Scalter             | PCB NAME | 715G3244-1 |
| Date                                    | Friday, March 06, 2009 | Sheet    | 5 of 7     |



|   |                           |           |            |      |   |
|---|---------------------------|-----------|------------|------|---|
| TPV (Top Victory Electronics Co., Ltd.) |                           | OEM MODEL |            | Size | A |
| 結構瓜網版                                   | G3244-I-X-X-8-090108      | TPV MODEL |            | Rev  | I |
| Key Component                           | 04.Output                 | PCB NAME  | 715G3244-I | 称爹   |   |
| Date                                    | Friday, February 20, 2009 | Sheet     | 6 of 7     |      |   |



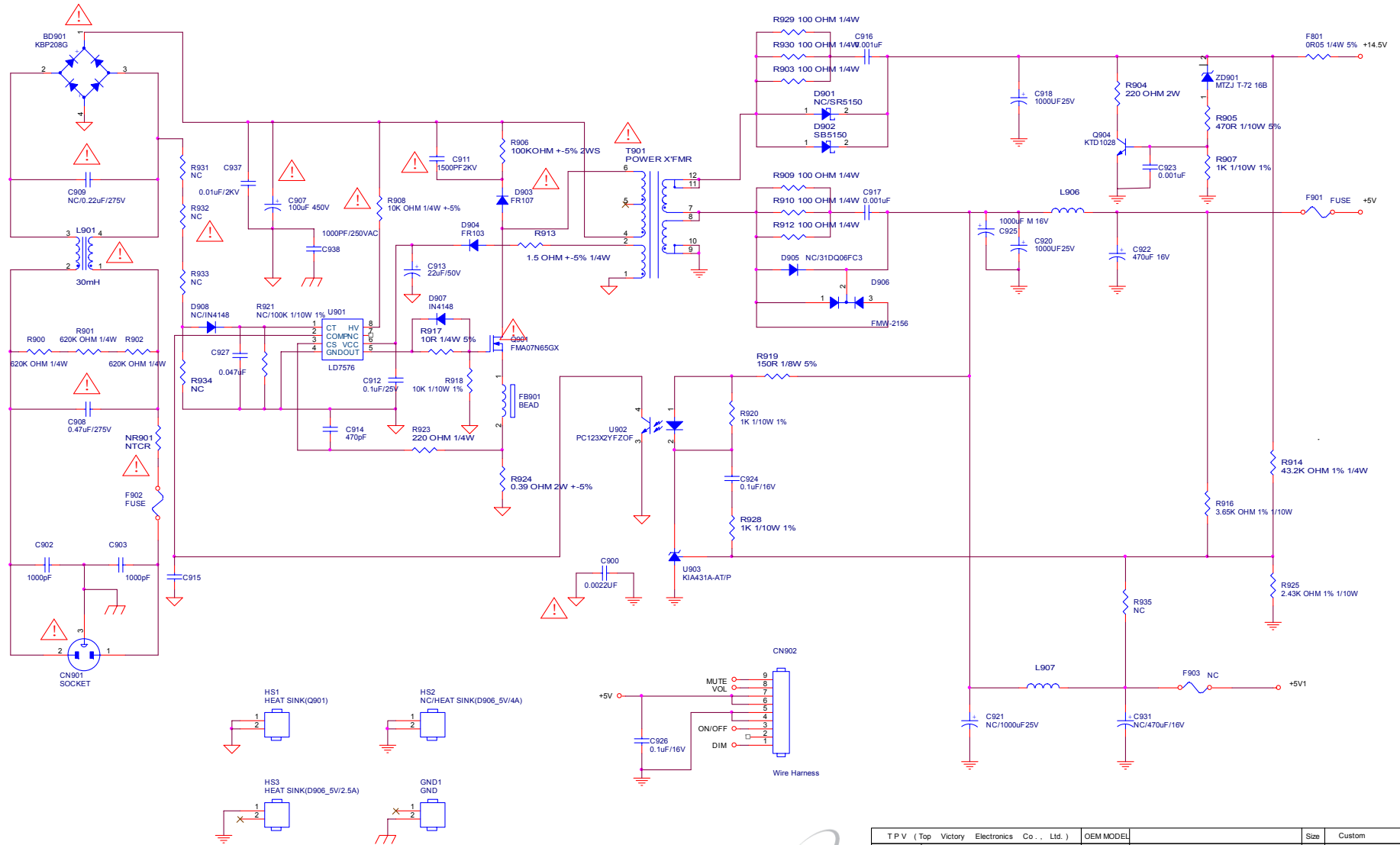
**U404 can use package 223 or 252.**



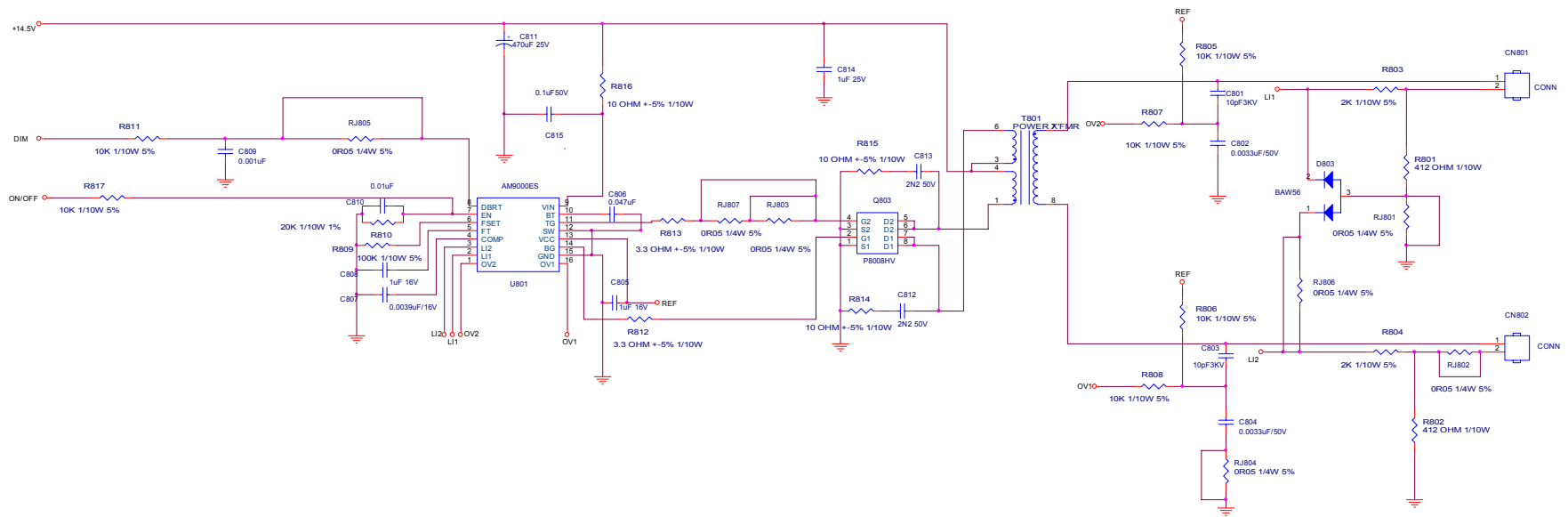
|   |                           |           |            |      |
|---|---------------------------|-----------|------------|------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                 |           | Size       | B    |
| 話爾瓜網廠                                   | G3244-I-X-X-8-090108      | TPV MODEL | Rev        | I    |
| Key Component                           | 05_Power                  | PCB NAME  | 715G3244-I | 称爹   |
| Date                                    | Friday, February 20, 2009 | Sheet     | 7 of 7     | <称爹> |

## 6.2 Power Board

### 715G2892 2 3 (No audio) for 2036S

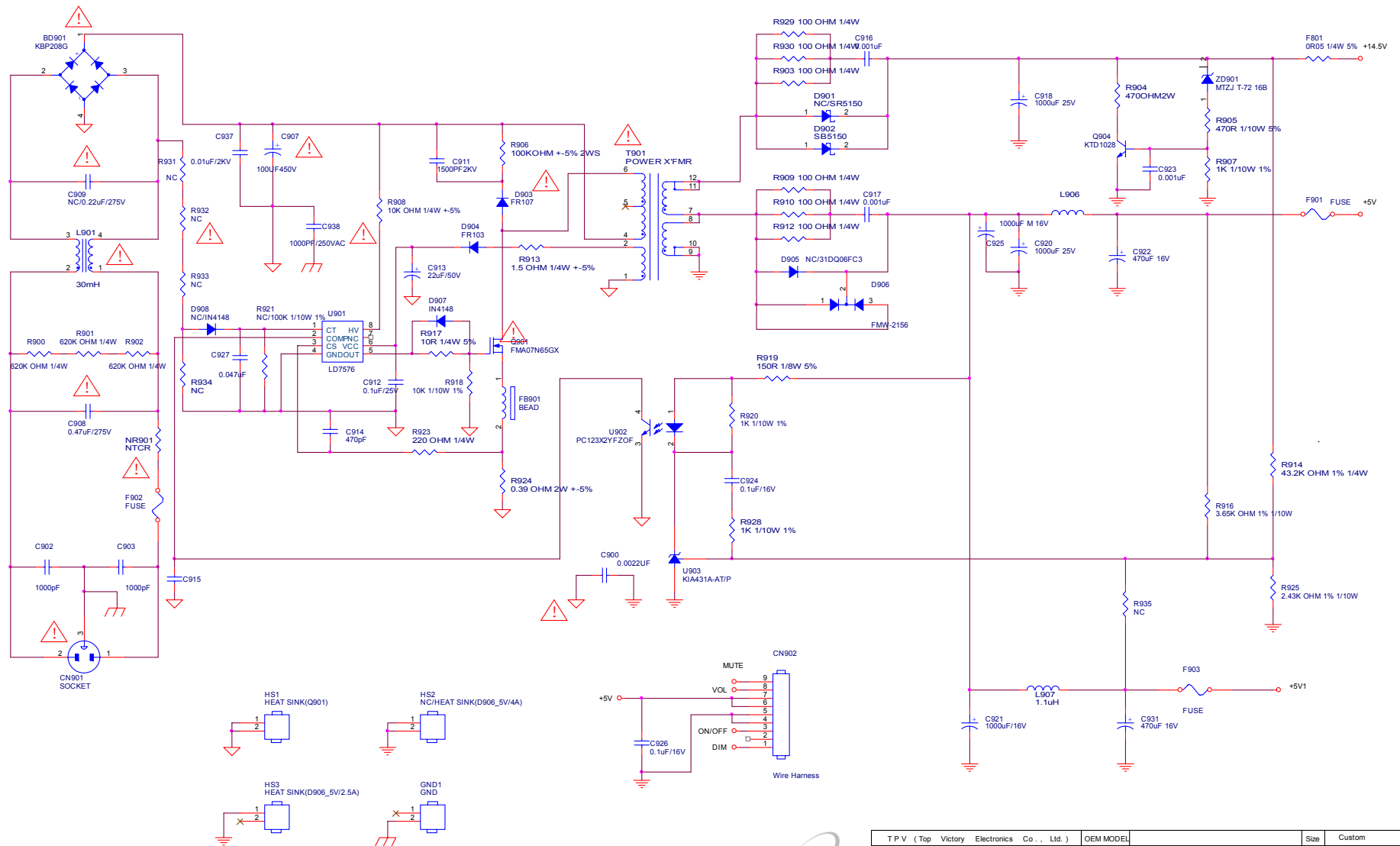


| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                | Size     | Custom       |
|---|--------------------------|----------|--------------|
| 話筒瓜銀版                                   | G2892-1-3-X-1-090218     | Rev      | 1            |
| Key Component                           | 01.POWER                 | PCB NAME | 715G2892-2-3 |
| Date                                    | Thursday, March 05, 2009 | Sheet    | 1 of 2       |
|   |                          | 称号       | ODM MODEL    |

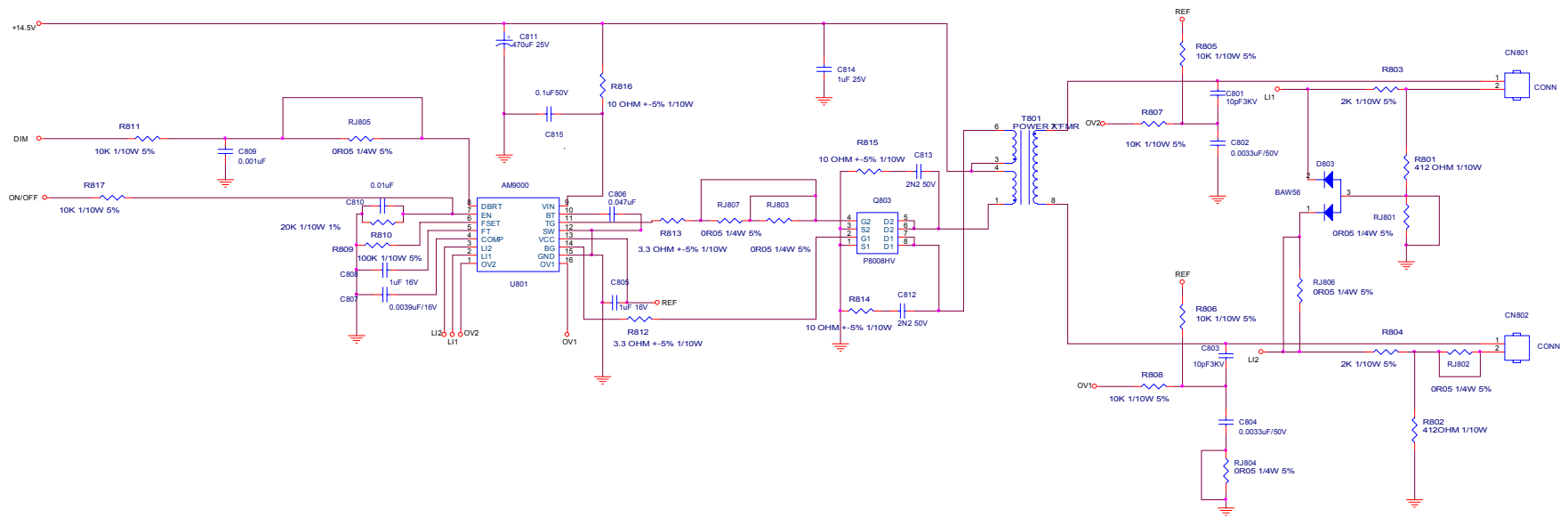


|  |                              |           |              |
|--|------------------------------|-----------|--------------|
| T.P.V ( Top Victory Electronics Co. . Ltd. ) | OEM MODEL                    | Size      | Custom       |
| 振南 瓜 振南                                      | G2892-1-3-X-1-090218         | TPV MODEL | Rev 1        |
| Key Component                                | 02.INVERTER                  | PCB NAME  | 715G2892-2-3 |
| Date   | Wednesday, February 18, 2009 | Sheet     | 2 of 2       |
|  |                              | 标准        | ODM MODEL    |

# 715G2892 2 3(With audio) for 2036Sa

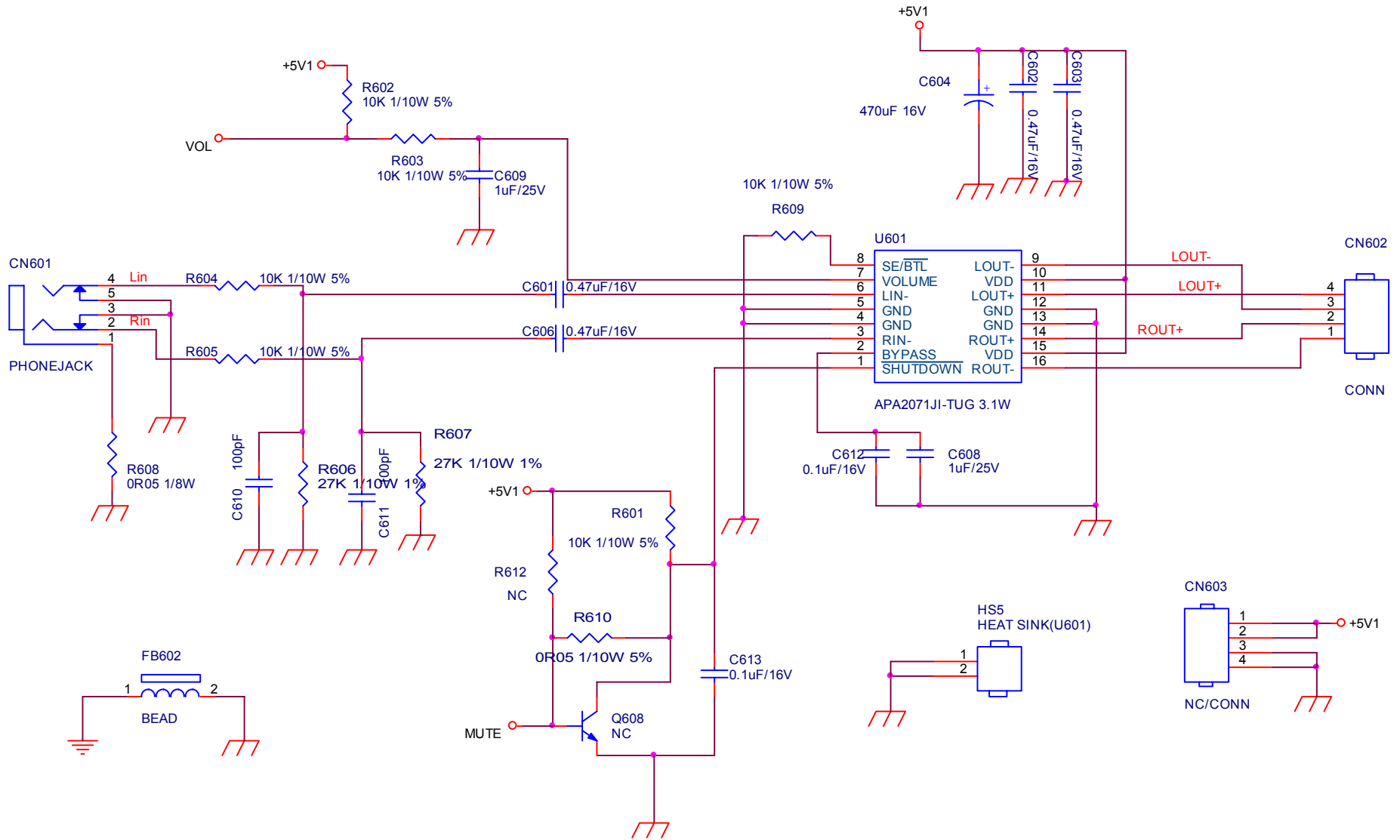


| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                | Size      | Custom       |
|---|--------------------------|-----------|--------------|
| 話筒瓜 號                                   | G2892-2-3-X-8-090416     | TPV MODEL | PWPC8A21MYD6 |
| Key Component                           | 01_POWER                 | PCB NAME  | 715G2892-2-3 |
| Date                                    | Thursday, April 16, 2009 | Sheet     | 2 of 4       |
|   |                          | Rev       | 2            |
|   |                          | ODM MODEL |              |



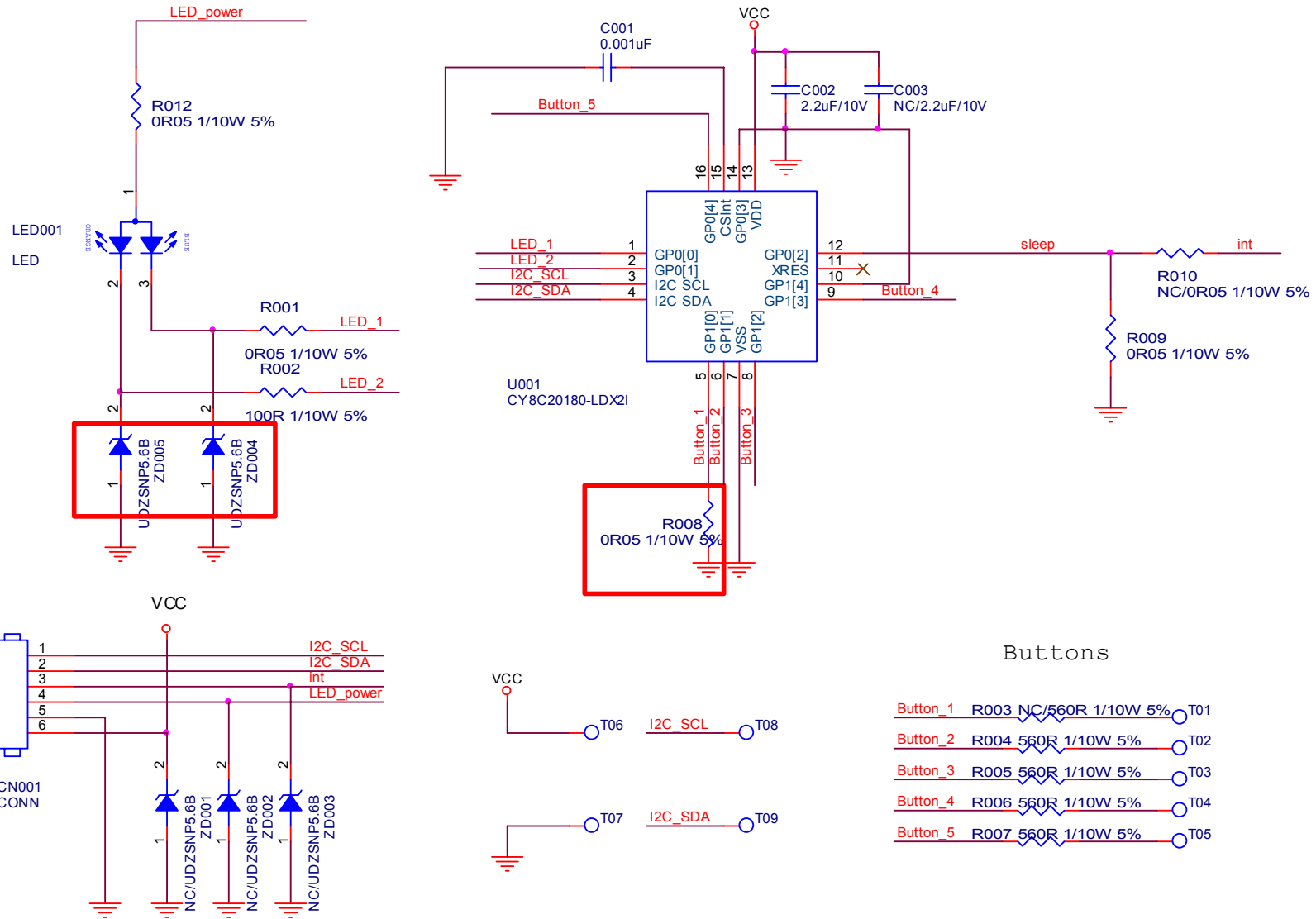
|  |                          |           |              |           |
|--|--------------------------|-----------|--------------|-----------|
| T P V ( Top Victory Electronics Co. . Ltd. ) |                          | OEM MODEL | Size         | Custom    |
| 新 品 代 號                                      | G2892-2-3-X-8-090416     | TPV MODEL | Rev          | 2         |
| Key Component                                | 02.INVERTER              | PCB NAME  | 715G2892-2-3 | 標 準       |
| Date   | Thursday, April 16, 2009 | Sheet     | 3 of 4       | ODM MODEL |





|   |                          |           |              |     |           |
|---|--------------------------|-----------|--------------|-----|-----------|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                |           | Size         | A   |           |
| 紙隔瓜網腹                                   | G2892-2-3-X-8-090416     | TPV MODEL | PWPC8A21MYD6 | Rev | 2         |
| Key Component                           | 03.AUDIO                 | PCB NAME  | 715G2892-2-3 | 称爹  | ODM MODEL |
| Date                                    | Thursday, April 16, 2009 | Sheet     | 4 of 4       |     |           |

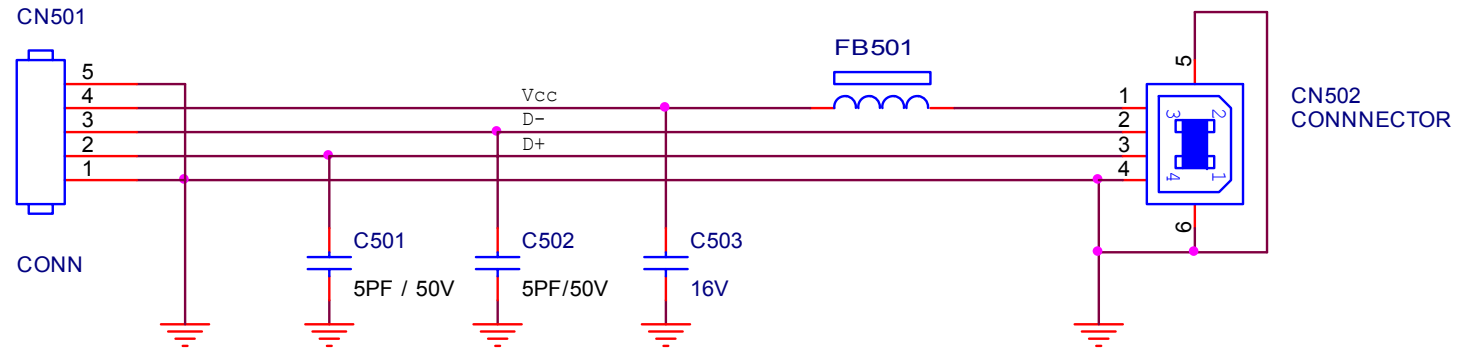
### 6.3 Key Board 715G3371 1



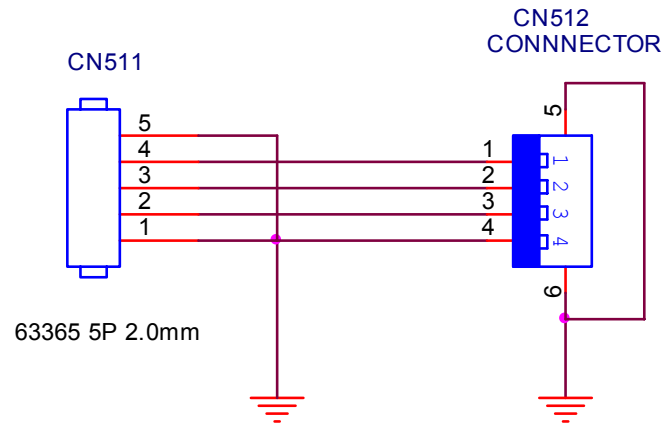
|   |                          |           |            |    |
|---|--------------------------|-----------|------------|----|
| TPV (Top Victory Electronics Co., Ltd.) | OEM MODEL                |           | Size       | A  |
| 結構瓜網腹                                   | G3371-C-X-X-1-090109     | TPV MODEL | Rev        | A  |
| Key Component                           | key                      | PCB NAME  | 715G3371-1 | 称爹 |
| Date                                    | Friday, January 09, 2009 | Sheet     | 1 of 1     |    |

## 6.4 USB Board

715G3501 2



|  |                           |           |            |      |    |
|--|---------------------------|-----------|------------|------|----|
| TPV ( Top Victory Electronics Co. , Ltd. ) |                           | OEM MODEL |            | Size | A4 |
| 紙隔瓜網腹                                      | G3501-A-X-X-1-090113      | TPV MODEL |            | Rev  | A  |
| Key Component                              | USB PLUG(UP STREAM)       | PCB NAME  | 715G3501-2 | 称爹   |    |
| Date                                       | Tuesday, January 13, 2009 | Sheet     | 1 of 1     |      |    |

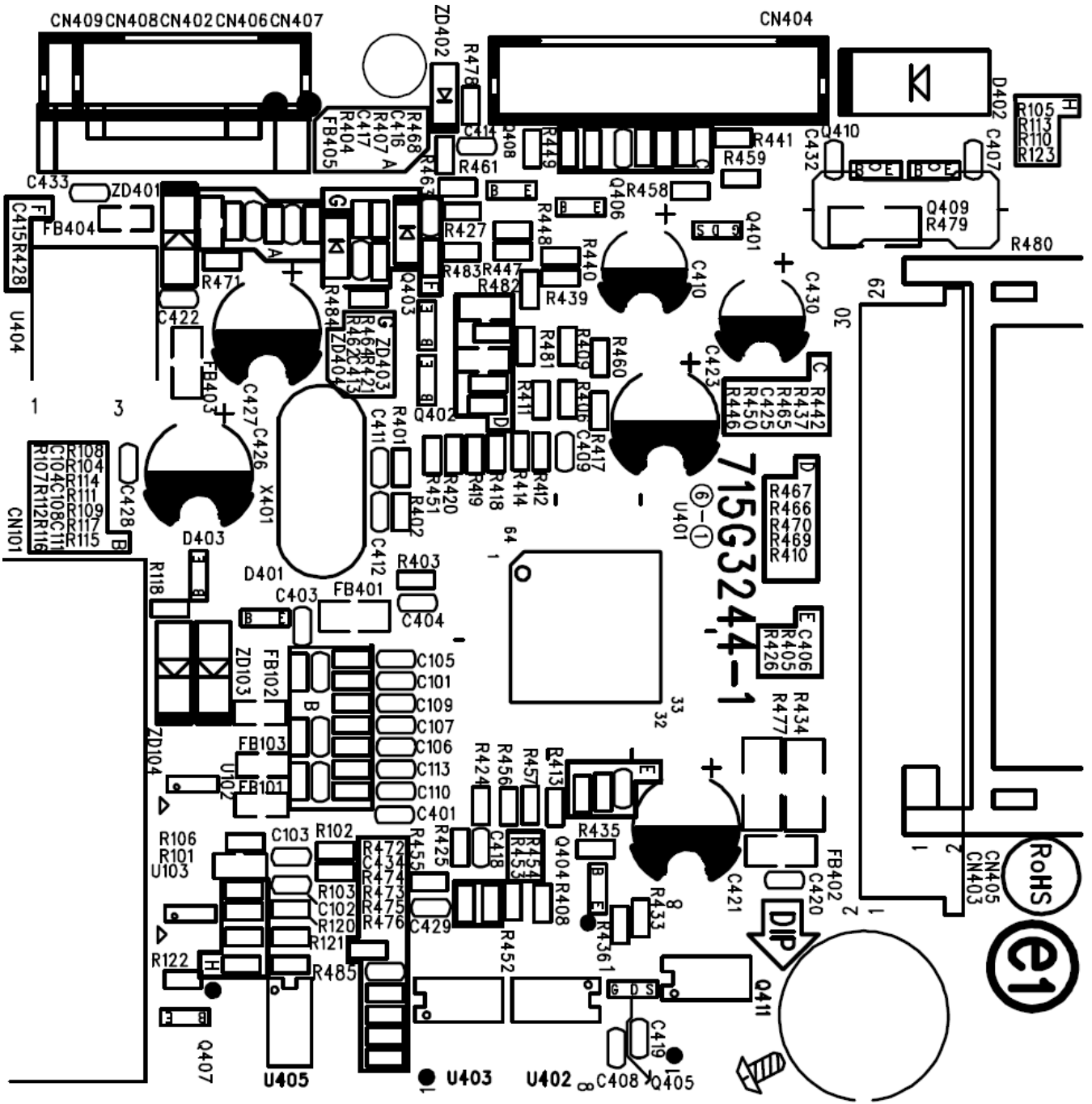


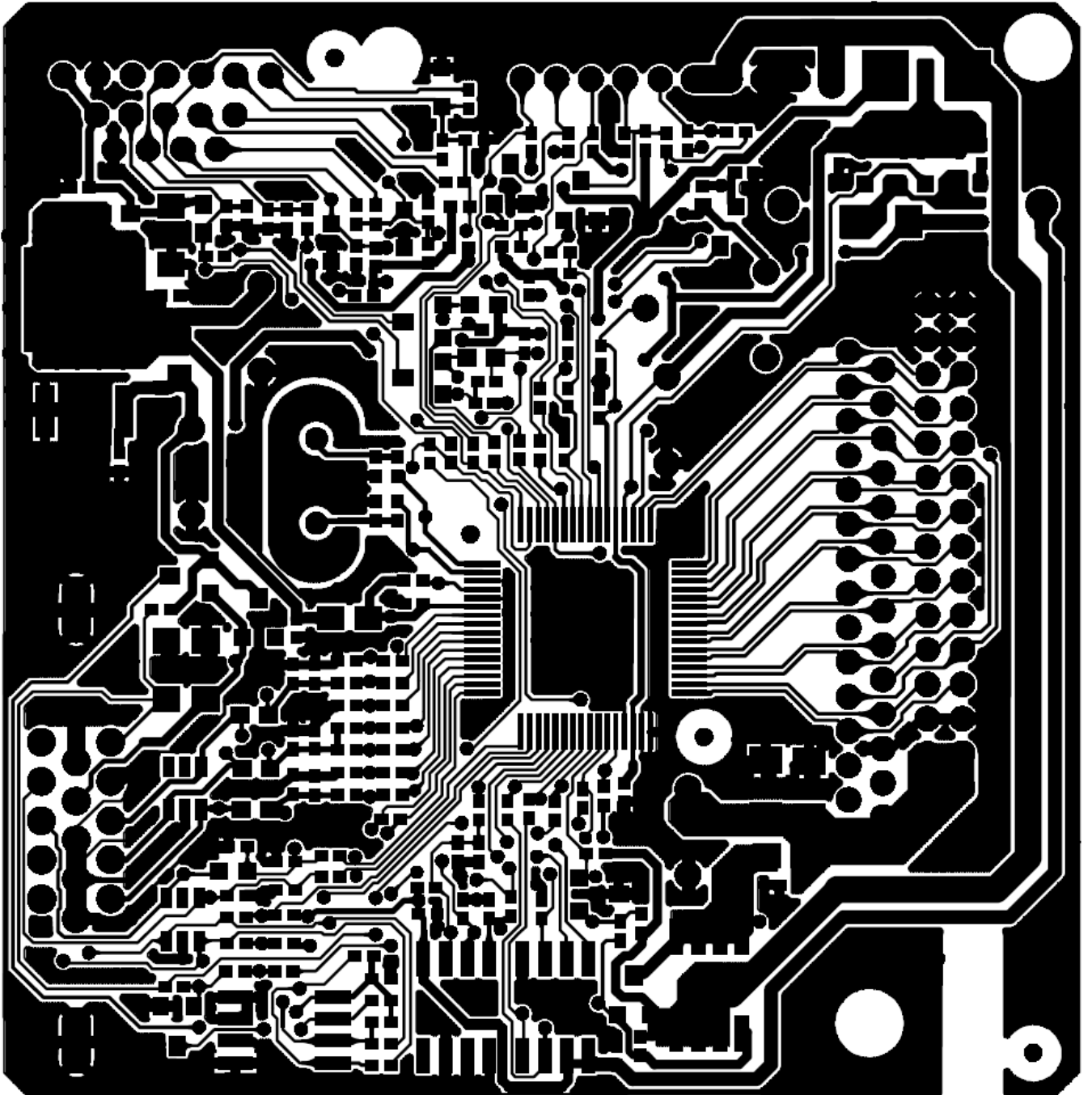
|  |                          |           |            |      |    |
|--|--------------------------|-----------|------------|------|----|
| TPV ( Top Victory Electronics Co. , Ltd. ) |                          | OEM MODEL |            | Size | A4 |
| 結構圖  | G2663-2-X-1-081024       | TPV MODEL |            | Rev  | D  |
| Key Component                              | USB PLUG(DOWN STREAM)    | PCB NAME  | 715G2663-2 | 称爹   |    |
| Date                                       | Friday, October 24, 2008 | Sheet     | 1 of 1     |      |    |

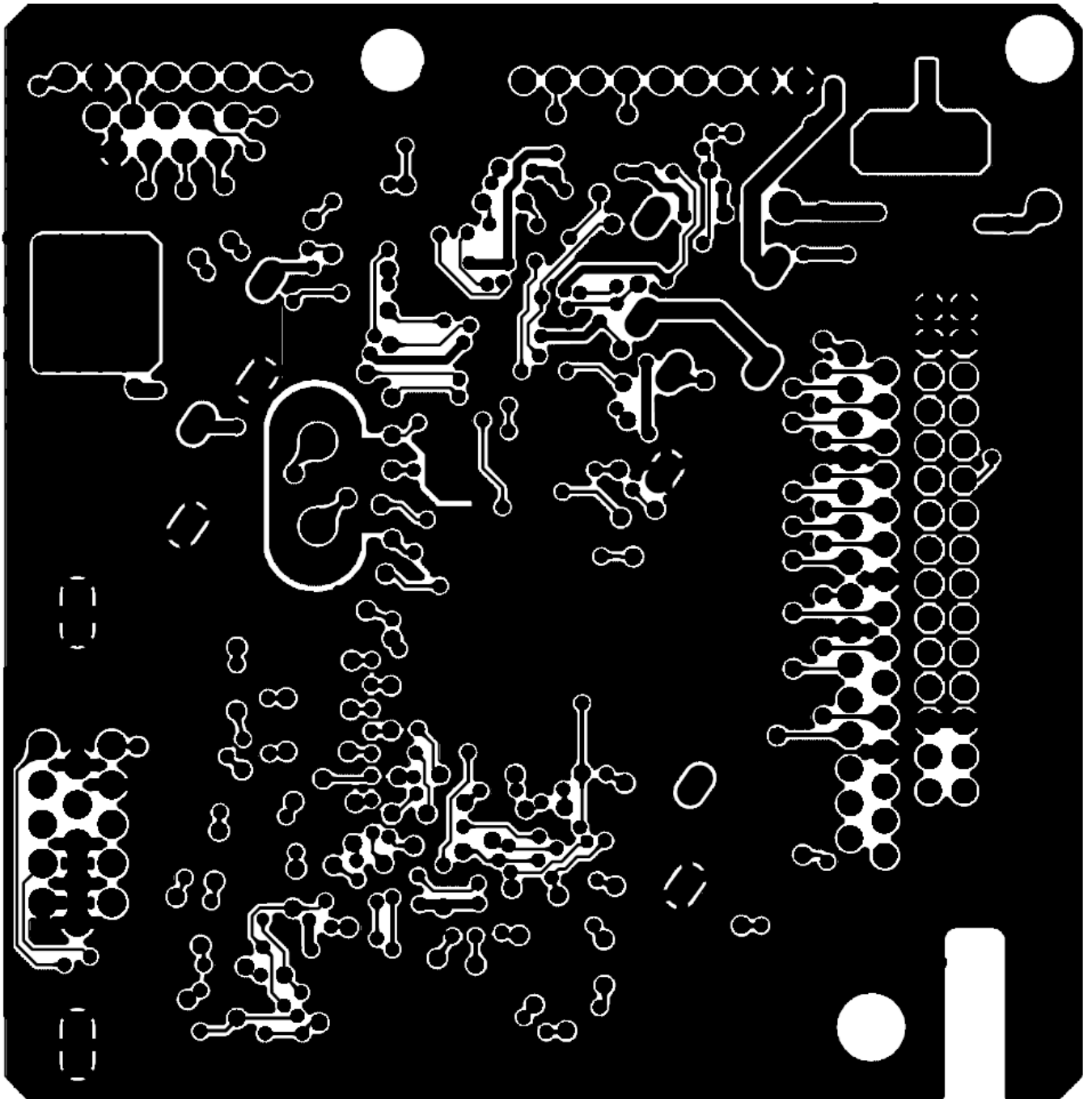
# 7. PCB Layout

## 7.1 Main Board

715G3244 1

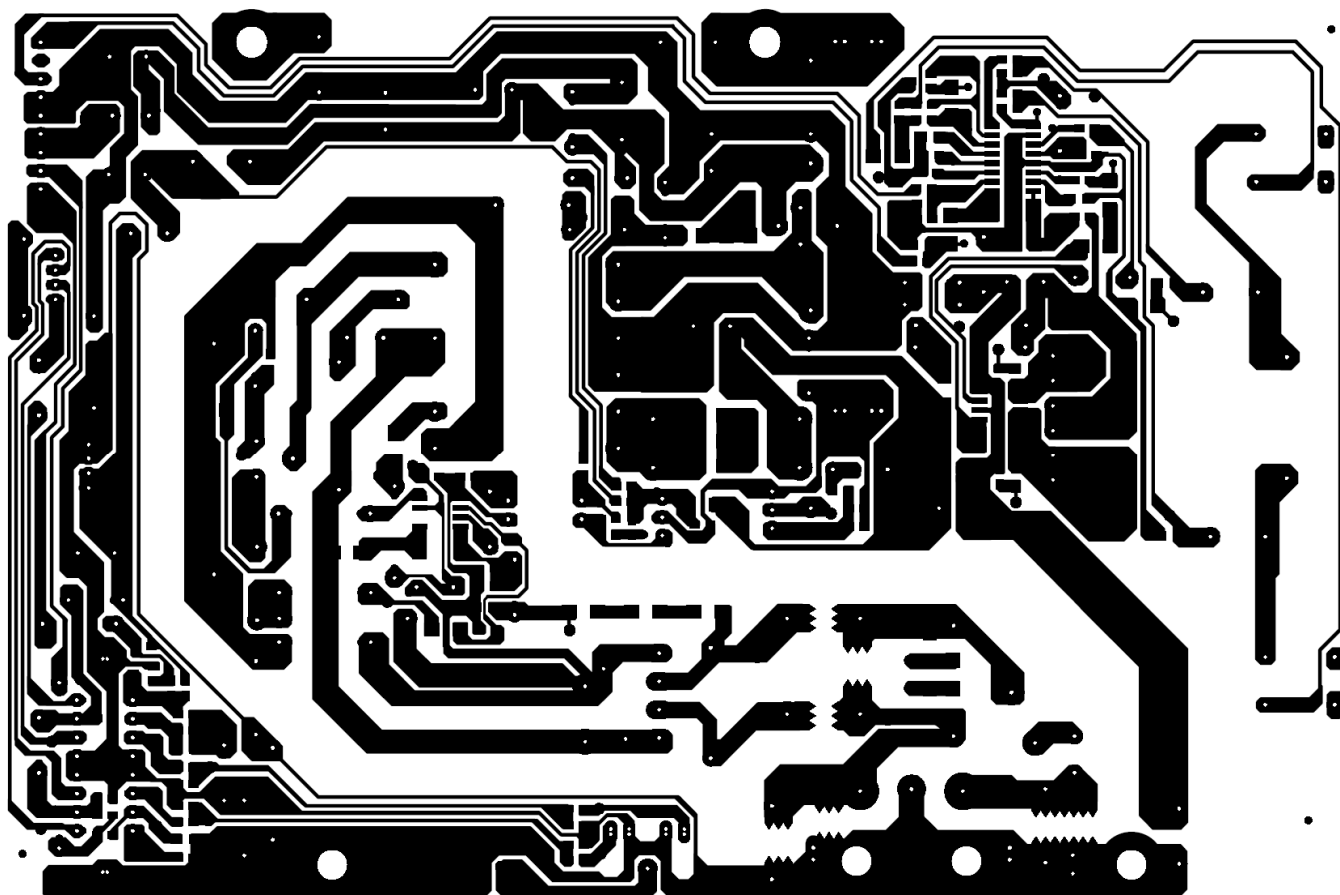
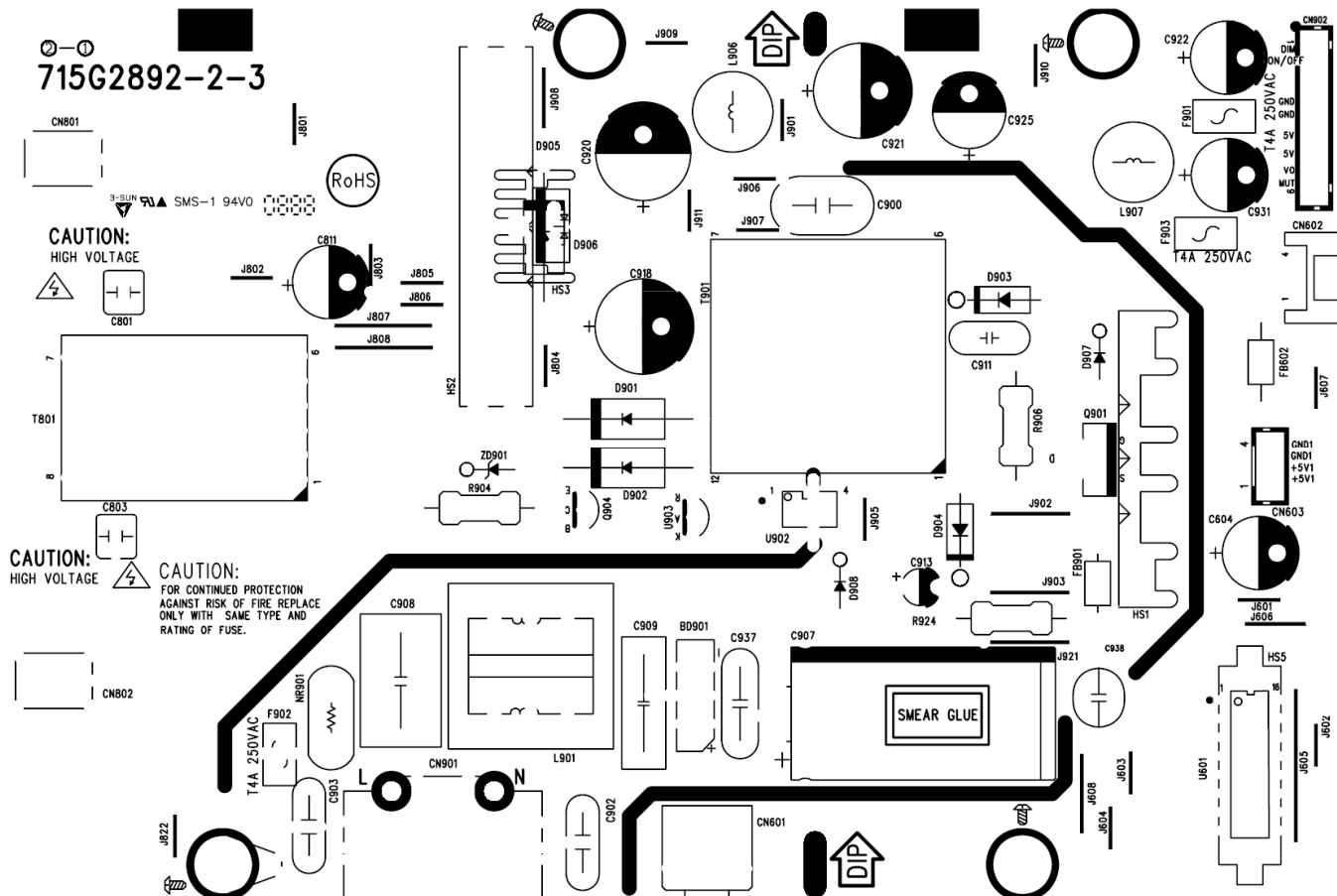




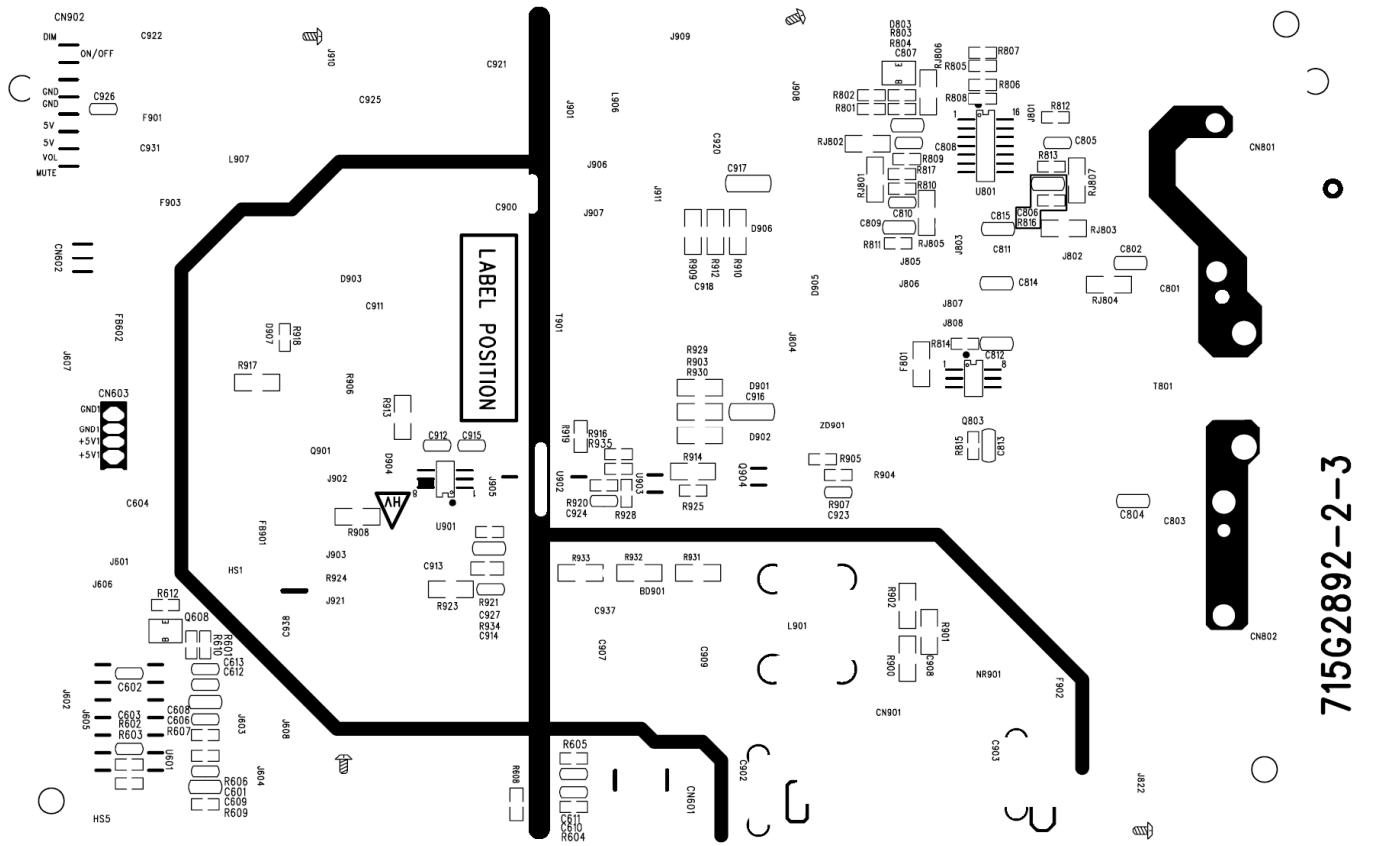


# 7.2 Power Board

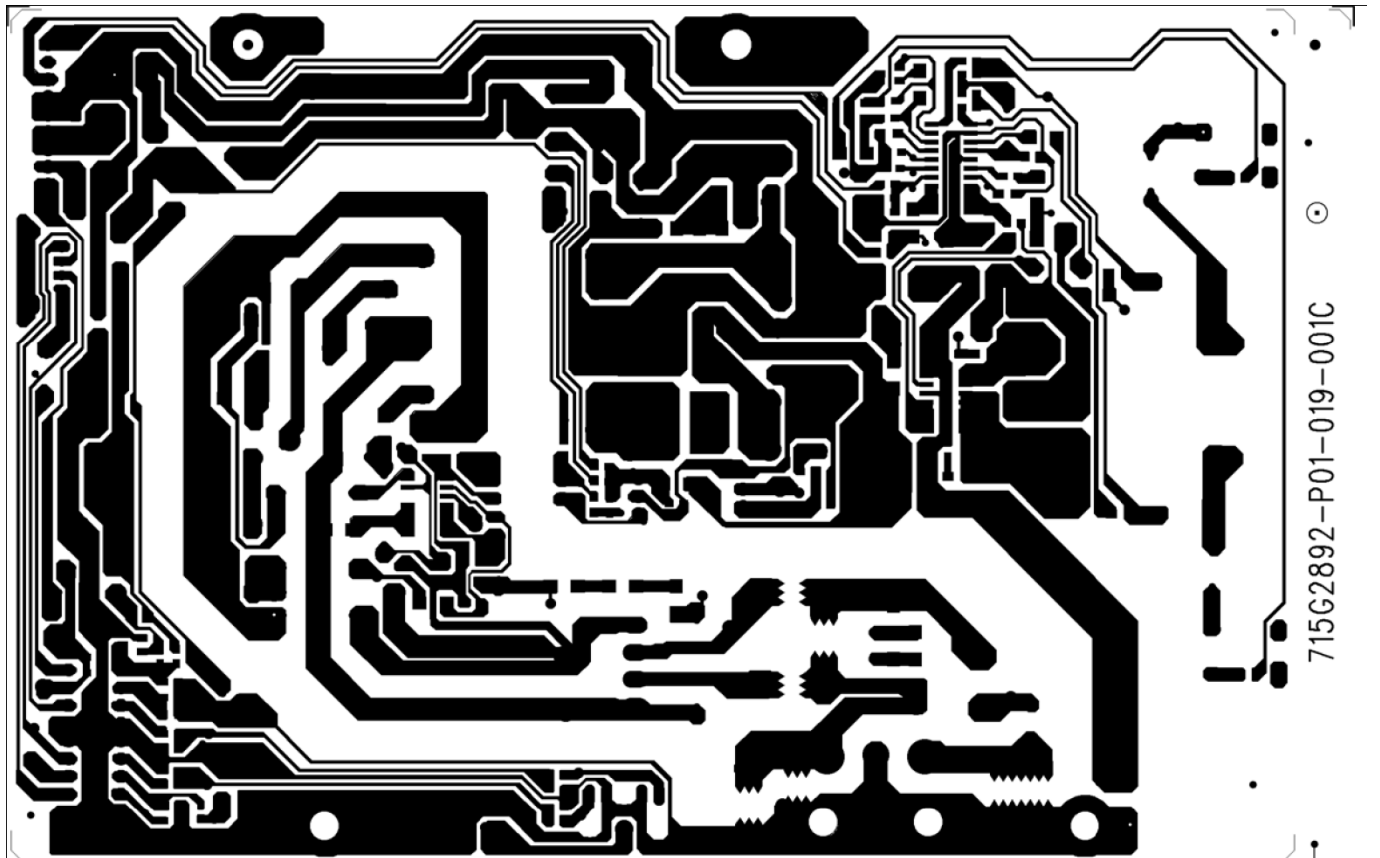
715G2892 2 3



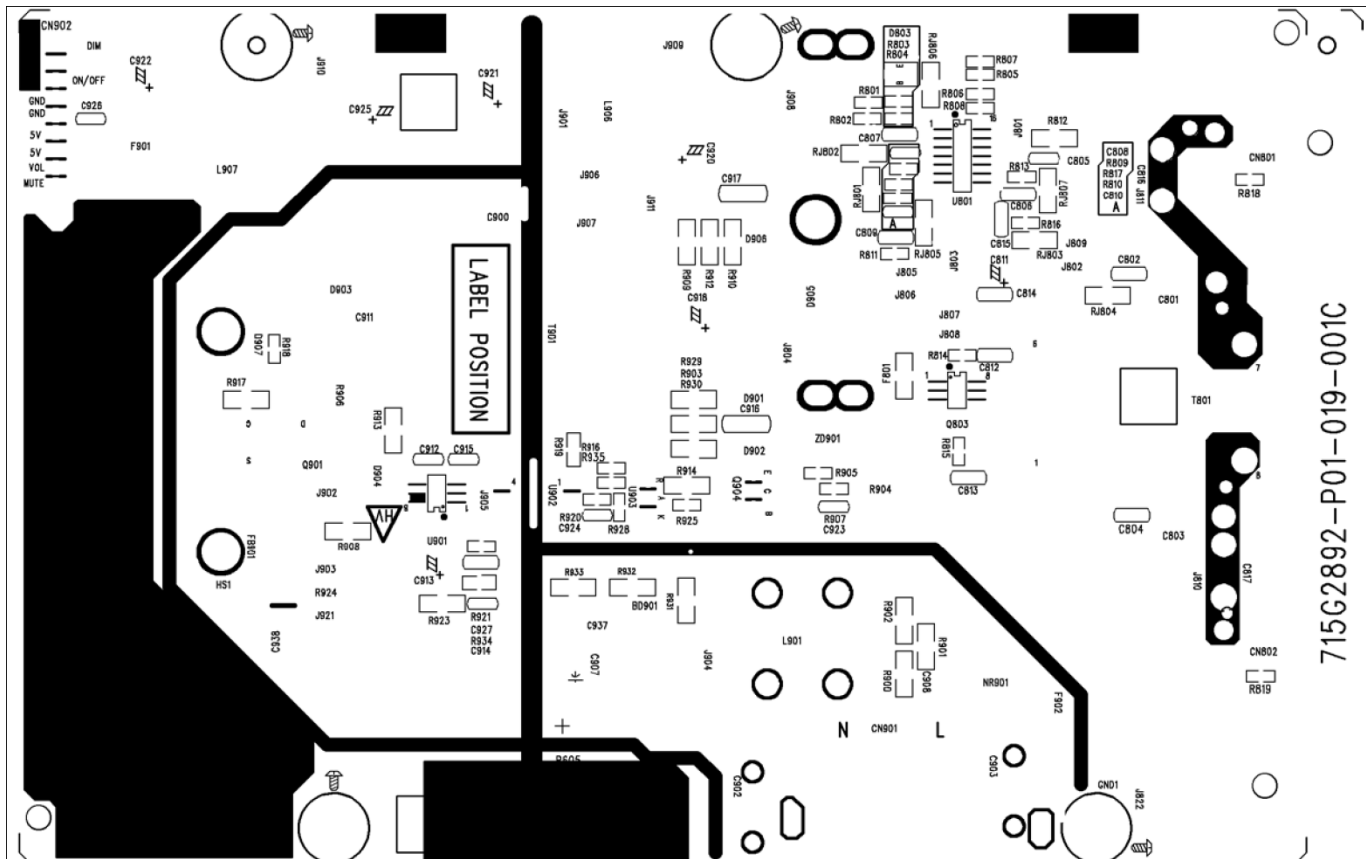




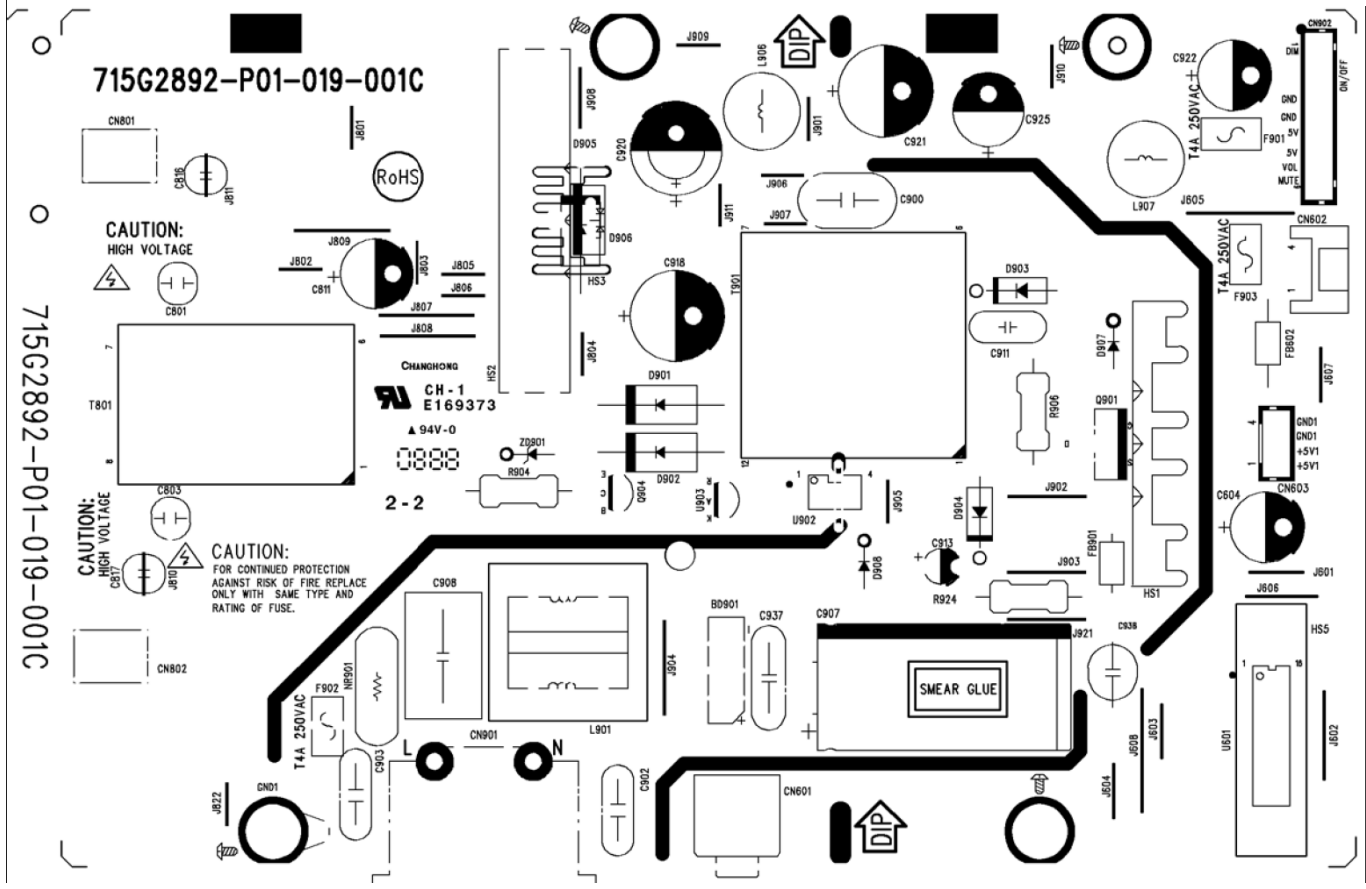
715G2892P01019001C



715G2892-P01-019-001C



715G2892-P01-019-001C



715G2892-P01-019-001C

715G2892-P01-019-001C

CAUTION:  
HIGH VOLTAGE

CAUTION:  
HIGH VOLTAGE

CAUTION:  
FOR CONTINUED PROTECTION  
AGAINST RISK OF FIRE REPLACE  
ONLY WITH SAME TYPE AND  
RATING OF FUSE.

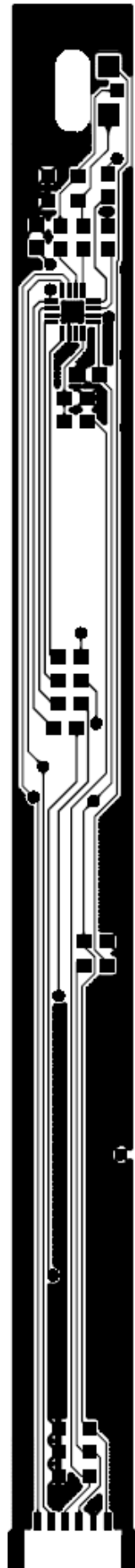
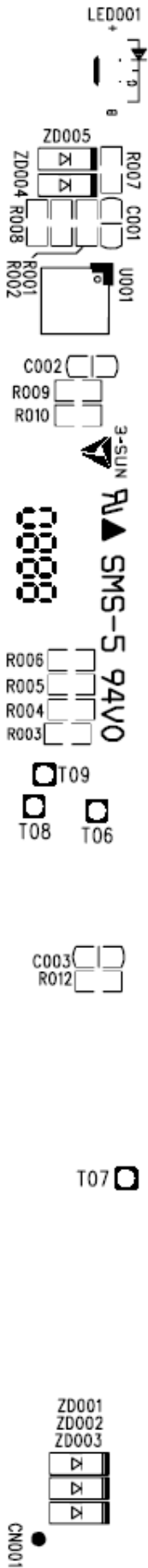
CHANGHONG  
CH-1  
E169373

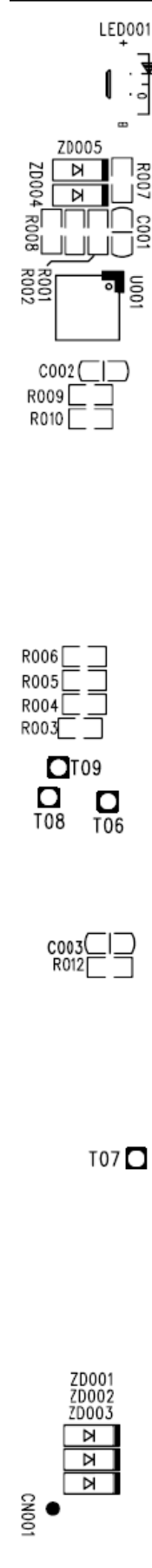
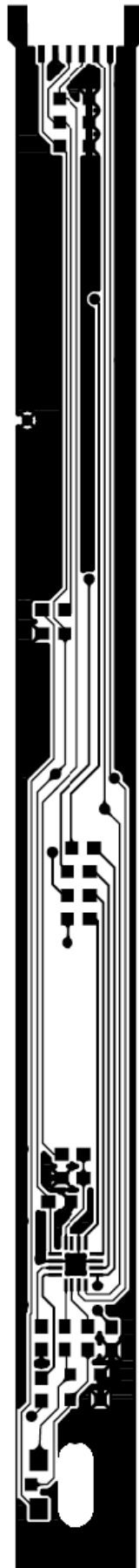
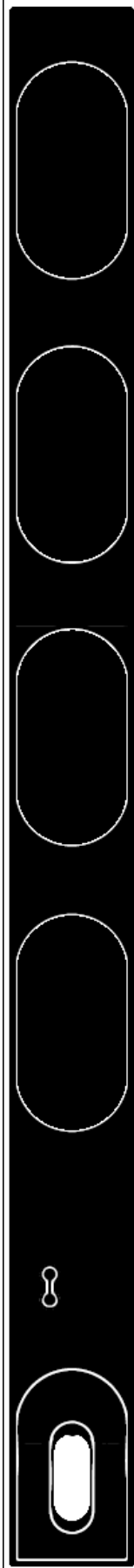
▲ 94V-0

2-2

SMEAR GLUE

### 7.3 Key Board 715G3371 1





## 8. Maintainability

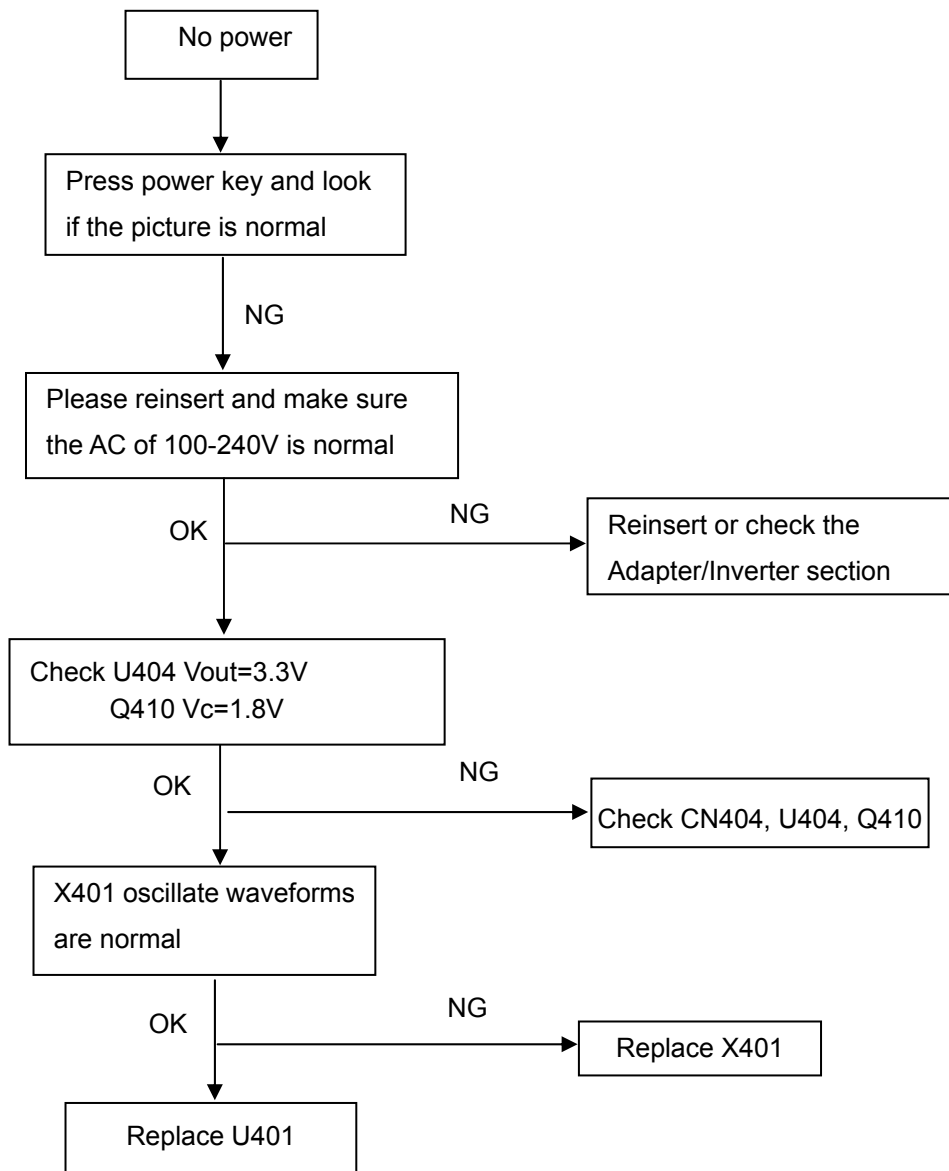
### 8.1 Equipments and Tools Requirement

1. Voltmeter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with an IBM Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

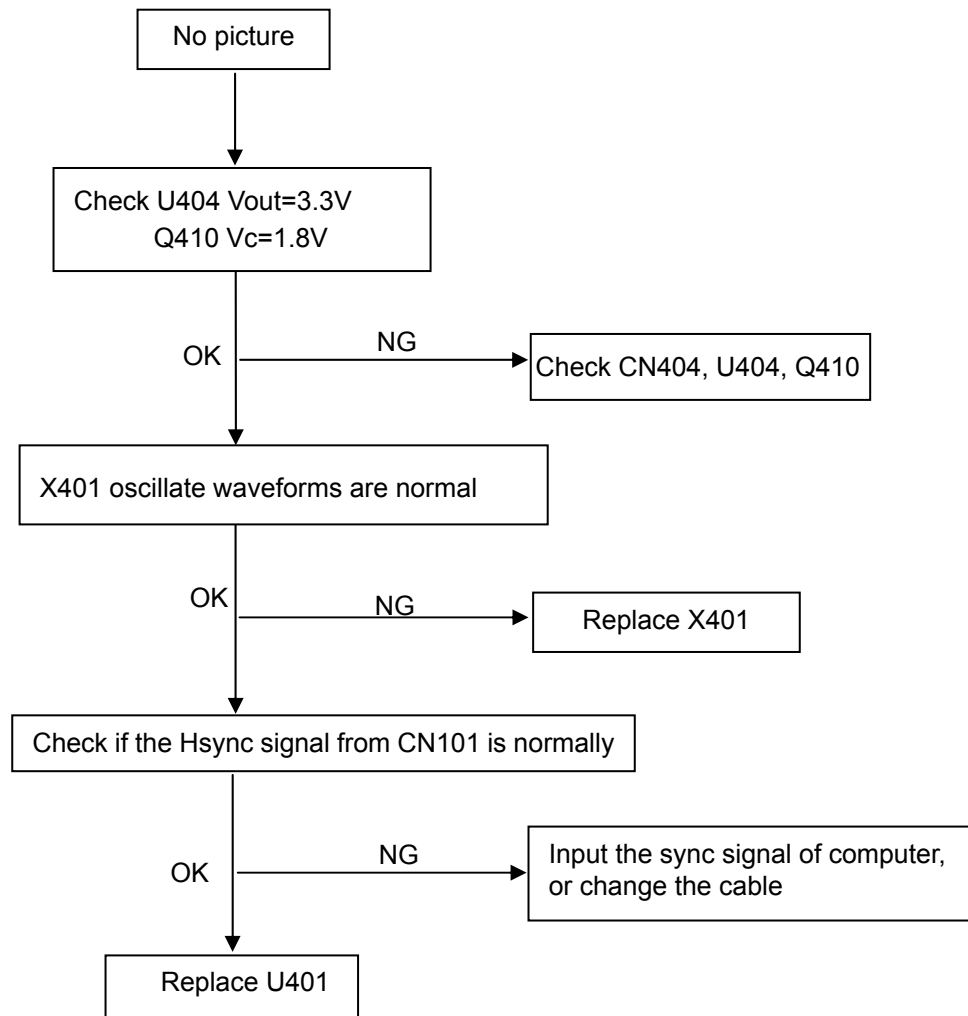
### 8.2 Trouble Shooting

#### 8.2.1 Main Board

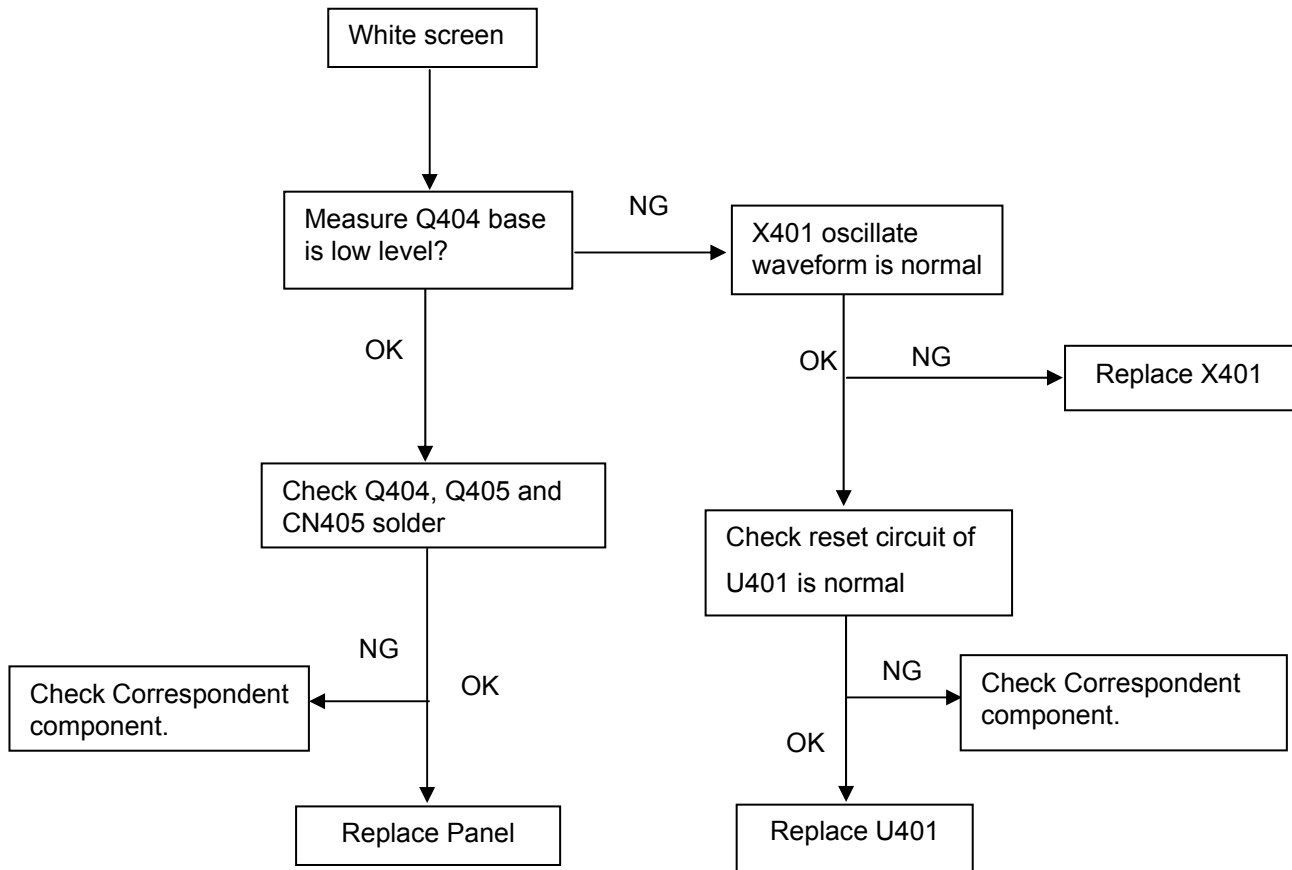
##### (1). No Power



(2). No Picture

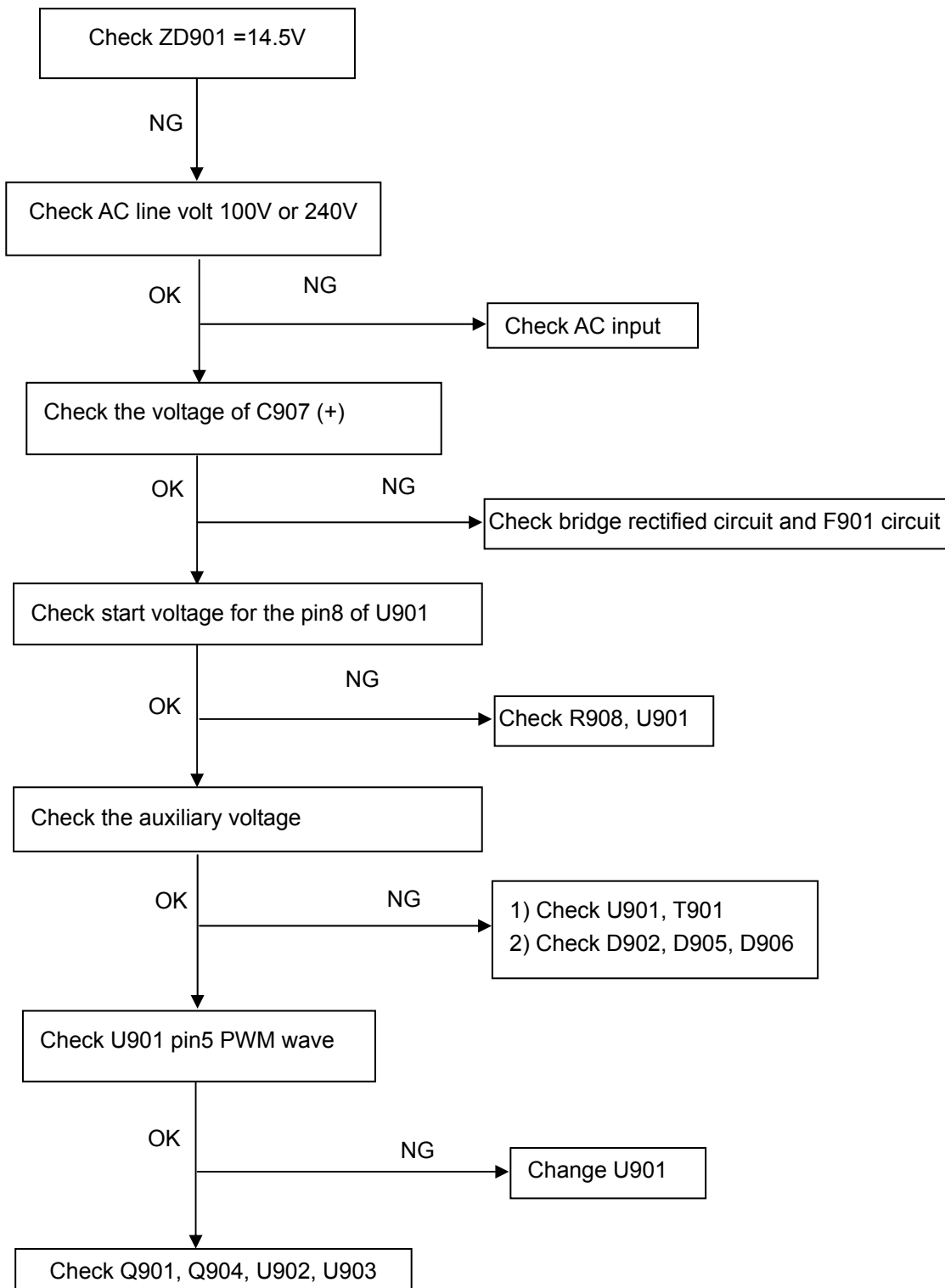


(3). White screen



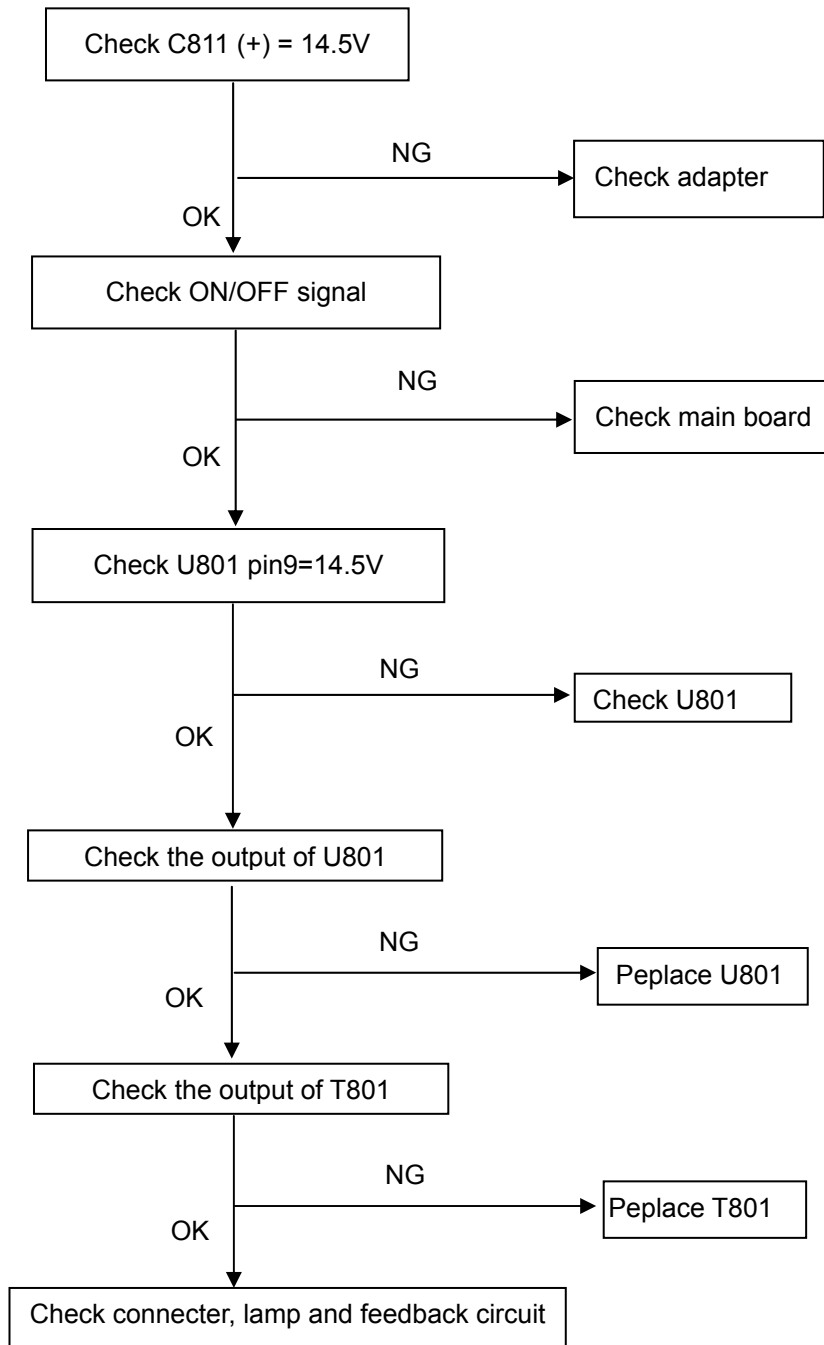
## 8.2.2 Power/Inverter Board

### 1.) No power

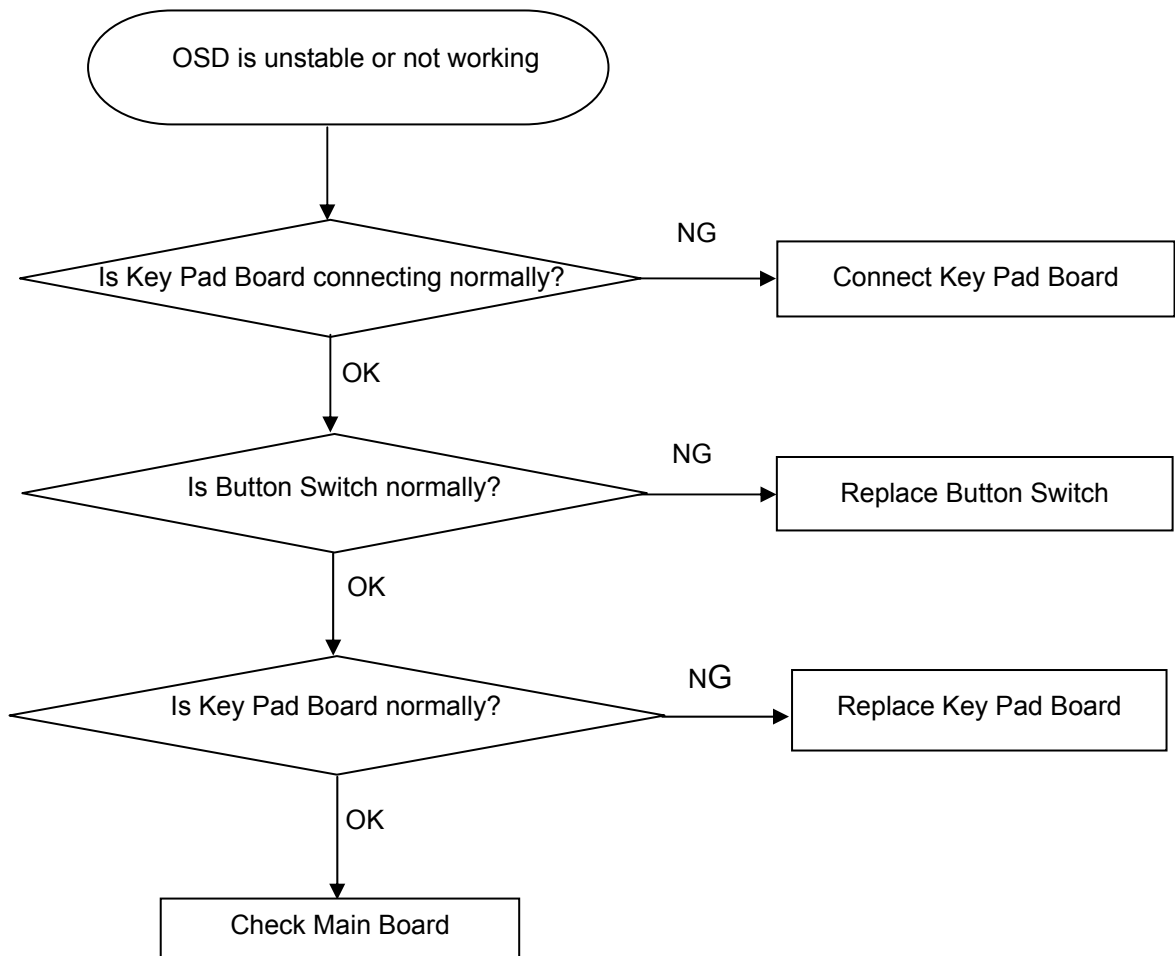




## 2.) W / LED, No Backlight



### 8.2.3 Key Board



## 9. White- Balance, Luminance Adjustment

Approximately 30 minutes should be allowed for warm up before proceeding white balance adjustment.

How to setting MEM channel you can reference to chroma 7120 user guide or simple use “ SC” key and “NEXT” Key to modify xyY value and use “ID” key to modify the TEXT description Following is the procedure to do white-balance adjust.

### 2. Setting the color temp.

#### A. MEM.CHANNEL 3 (Warm color 6500K):

Warm color temp. parameter is  $x = 313$ ,  $y = 329$ .

#### B. MEM.CHANNEL 4 (Normal color 7300K):

Normal color temp. parameter is  $x = 301$ ,  $y = 317$ .

#### C. MEM.CHANNEL 9(Cool color 9300K):

Cool color temp. parameter is  $x = 283$ ,  $y = 297$ .

#### D. MEM.CHANNEL 10 (sRGB color):

sRGB color temp. parameter is  $x = 313$ ,  $y = 329$ .

Remark: Contrast set to  $Y=250\text{cd}/\text{m}^2$  (typ) /  $200\text{cd}/\text{m}^2$  (min). The tolerance of the color coordinates should be less than  $\pm 30$ .

### 3. Enter into the factory mode

DC “Power” off, when pressing  $\wedge$  (up) and  $\vee$  (down) key, press “Power” key, then press “Menu” key, the factory OSD will be at the left top of the panel.

### 4. Gain adjustment:

Move cursor to “-F-” and press MENU key

#### A. Adjust Warm (6500K) color-temperature

1. Switch the chroma-7120 to RGB-Mode (with press “MODE” button)
2. Switch the MEM.channel to Channel 3 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show  $x = 313$ ,  $y = 329$ .
4. Adjust the RED on factory window until chroma 7120 indicator reached the value  $R=100$
5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value  $G=100$
6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value  $B=100$
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance  $=100\pm 2$

#### B. Adjust Normal (7300K) color-temperature

1. Switch the chroma-7120 to RGB-Mode (with press “MODE” button)
2. Switch the MEM.channel to Channel 4 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show  $x = 301$ ,  $y = 317$ .
4. Adjust the RED on factory window until chroma 7120 indicator reached the value  $R=100$
5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value  $G=100$
6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value  $B=100$
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance  $=100\pm 2$

C. Adjust Cool (9300K) color-temperature

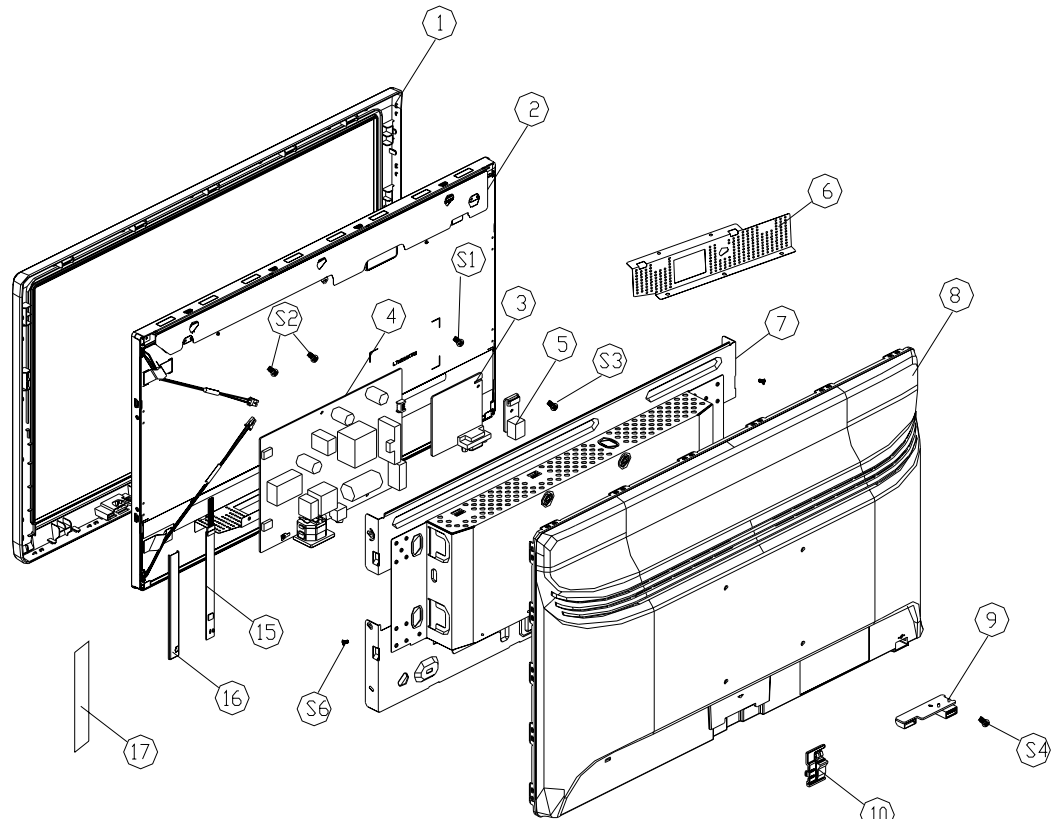
1. Switch the Chroma-7120 to RGB-Mode (with press "MODE" button)
2. Switch the MEM. Channel to Channel 9 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show  $x = 283$ ,  $y = 297$ .
4. Adjust the RED on factory window until chroma 7120 indicator reached the value  $R=100$
5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value  $G=100$
6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value  $B=100$
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance  $=100\pm 2$

D. Adjust sRGB color-temperature

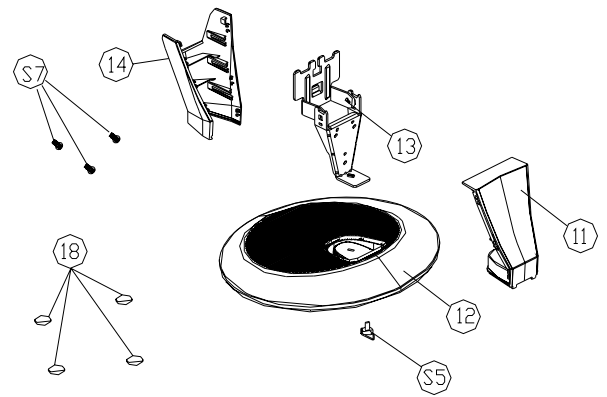
1. Switch the chroma-7120 to RGB-Mode (with press "MODE" button)
2. Switch the MEM.channel to Channel 10 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show  $x = 313$ ,  $y = 329$ .
4. Adjust the RED on factory window until chroma 7120 indicator reached the value  $R=100$
5. Adjust the GREEN on factory window until chroma 7120 indicator reached the value  $G=100$
6. Adjust the BLUE on factory window until chroma 7120 indicator reached the value  $B=100$
7. Repeat above procedure (item 4, 5, 6) until chroma 7120 RGB value meet the tolerance  $=100\pm 2$

E. Turn the Power-button off to quit from factory mode.

# 10. Monitor Exploded View



| No. | Description          |     |               |   |
|-----|----------------------|-----|---------------|---|
| 1   | BEZEL                |     |               |   |
| 2   | PANEL                |     |               |   |
| 3   | MAIN BOARD           |     |               |   |
| 4   | POWER BOARD          |     |               |   |
| 5   | USB BOARD(USB9QA1)   |     |               |   |
| 6   | SHIELD               |     |               |   |
| 7   | MAIN FRAME           |     |               |   |
| 8   | REAR COVER           |     |               |   |
| 9   | USB BOARD(USB8QB3)   |     |               |   |
| 10  | HINGE RELEASE BUTTON |     |               |   |
| 11  | STAND_REAR           | No. | P/N           | Description                             |
| 12  | BASE                 | S1  | 0M1G1730 6120 | SCREW(MAIN BOARD TO MAIN FRAME)         |
| 13  | HINGE                | S2  | 0M1G1730 6120 | SCREW(POWER BOARD TO MAIN FRAME)        |
| 14  | STAND_FRONT          | S3  | 0M1G1730 6120 | SCREW(USB BOARD(USB9QA1) TO MAIN FRAME) |
| 15  | KEY BOARD            | S4  | 0M1G1730 6120 | SCREW(USB BOARD(USB8QB3) TO MAIN FRAME) |
| 16  | KEY-GUIDE            | S5  | Q01G6064 1    | SCREW(HINGE TO BASE)                    |
| 17  | 3M DOUBLE FACE TAPE  | S6  | 0M1G 130 5120 | SCREW(PANEL TO MAIN FRAME)              |
| 18  | FOOT                 | S7  | 0Q1G1040 8120 | SCREW(HINGE TO STAND_REAR)              |



## 11. BOM List

Note: The parts information listed below are for reference only, and are subject to change without notice. Please go to <http://cs.tpv.com.cn/hello1.asp> for the latest information.

### 2036S TA9SMGNK6WA2QN

| Location   | Part No.           | Description                          |
|------------|--------------------|--------------------------------------|
|            | 040G 58162461A     | EPA LABEL                            |
|            | 052G 1186          | SMALL TAPE                           |
|            | 052G 1207 A        | CONDUCTIVE TAPE 45MM *25MM *0.08MM   |
|            | 052G 1208 A        | ALUMINIUM TAPE                       |
|            | 052G 1211550       | ALUMINUM FOIL TAPE                   |
|            | 052G 2191 A        | PAPER TAPE                           |
|            | 089G 175 8 X       | USB CABLE 1.8M                       |
|            | 089G 725CAA DB     | D-SUB CABLE                          |
|            | 089G402A15N IS     | POWER CORD                           |
|            | 095G8014 5XH09     | HARNESS 5P(PLUG)-5P(2501) 200MM      |
|            | 095G8014 7X588     | HARNESS 7P(PLUG)-6P(C2003) 340MM     |
|            | 095G8018 3XH18     | LVDS CABLE 30P-30P 140MM             |
|            | 095G8022 6X504     | HARNESS 6P-6P 200MM                  |
|            | 0M1G 130 5120      | SCREW                                |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 705GQ934011        | 20" LCD STAND BASE ASS'Y             |
|            | 0Q1G1040 8120      | SCREW                                |
|            | Q01G6064 1         | SCREW                                |
|            | Q12G6600 6         | FOOT                                 |
|            | Q34G0560AED 1S0100 | AOC-836 STAND_FRONT                  |
|            | Q34G0561AED 1S0100 | AOC-936 STAND_REAR                   |
|            | Q34G0562AED 1S0130 | AOC-936 BASE                         |
|            | Q37G0133012        | HINGE                                |
|            | 750GLS200KT312N000 | PANEL LTM200KT03 802(V02) SZ SEC     |
|            | 756GQ8CB AA083     | MAIN BOARD-CBPCRMGA1QY               |
| U402       | 056G1133129        | IC EN25F20-100GCP 2MB SOP-8          |
| SMTCR-U402 | 100GAMSA002N41     | MCU ASS'Y-056G1133129                |
|            | 040G 45762412B     | CBPC LABEL                           |
| CN409      | 033G3802 7B Y      | CONNECTOR 7P 2.0 DIP                 |
| CN404      | 033G3802 9B Y      | CONNECTOR 9P 2.0                     |
| CN405      | 033G8027 30 H      | WAFER 30P 2.0MM RIGHT ANGLE          |
| R480       | 061G152M229 64     | 2.2 OHM 2W 5% MOF                    |
| CN101      | 088G 35315F XH     | D-SUB 15PIN VERTICAL CONN WITH SCREW |
| X401       | 093G 22 53 J       | 14.31818MHZ/32PF/49US                |
|            | 709G3244 QM001     | CONSUMPTIVE ASS'Y                    |
|            | 055G 2             | ALCOHOL                              |
|            | 055G 23524         | WELDING FLUX WITHOUT PB              |
|            | Q55G 100625        | TIN STICK_LOW ARGENTUM               |
| C410       | 067G 2151007RT     | LOW E.S.R 10UF +/-20% 50V            |
| C427       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| C423       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| C426       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| C421       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| U401       | 056G 562560        | IC TSUMU18ER-LF LQFP-64 MSTAR        |
| U404       | 056G 563 52        | IC AP1117D33L-13 TO252-3L DIODES     |
| U103       | 056G 662502        | IC ESD AZC199-04S SOT23-6L           |
| U102       | 056G 662502        | IC ESD AZC199-04S SOT23-6L           |
| U402       | 056G1133129        | IC EN25F20-100GCP 2MB SOP-8          |

|      |                |   |
|------|----------------|---|
| Q404 | 057G 417 6     | PMBS3906/PHILIPS-SMT(06)                |
| Q410 | 057G 417 22 T  | TRA KN2907AS -60V/-0.6A SOT-23          |
| Q409 | 057G 417 22 T  | TRA KN2907AS -60V/-0.6A SOT-23          |
| Q403 | 057G 417517    | TRA LMBT3906LT1G -200MA/-40V SOT-23 LRC |
| Q402 | 057G 417517    | TRA LMBT3906LT1G -200MA/-40V SOT-23 LRC |
| Q406 | 057G 417518    | TRA LMBT3904LT1G 200MA/40V SOT-23 LRC   |
| Q405 | 057G 763 1     | A03401 SOT23 BY AOS(A1)                 |
| R401 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R402 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R456 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R457 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R471 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R102 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R103 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R104 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R108 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R111 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R114 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R115 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R117 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R405 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R411 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R412 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R413 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R442 | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W            |
| R410 | 061G0402102    | RST CHIPR 1 KOHM +-5% 1/16W             |
| R469 | 061G0402102    | RST CHIPR 1 KOHM +-5% 1/16W             |
| R441 | 061G0402102    | RST CHIPR 1 KOHM +-5% 1/16W             |
| R118 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R407 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R408 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R417 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R433 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R437 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R439 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R414 | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W            |
| R436 | 061G0402104    | RST CHIPR 100 KOHM +-5% 1/16W           |
| R468 | 061G0402201    | RST CHIP 200R 1/16W 5%                  |
| R105 | 061G0402222    | RST CHIPR 2.2 KOHM +-5% 1/16W           |
| R106 | 061G0402222    | RST CHIPR 2.2 KOHM +-5% 1/16W           |
| R466 | 061G0402222    | RST CHIPR 2.2 KOHM +-5% 1/16W           |
| R109 | 061G0402390 0F | RST CHIP 390R 1/16W 1%                  |
| R403 | 061G0402390 0F | RST CHIP 390R 1/16W 1%                  |
| R427 | 061G0402392    | RST CHIP 3.9K 1/16W 5%                  |
| R428 | 061G0402392    | RST CHIP 3.9K 1/16W 5%                  |
| R435 | 061G0402472    | RST CHIPR 4.7 KOHM +-5% 1/16W           |
| R440 | 061G0402472    | RST CHIPR 4.7 KOHM +-5% 1/16W           |
| R107 | 061G0402750    | RST CHIPR 75 OHM +-5% 1/16W             |
| R112 | 061G0402750    | RST CHIPR 75 OHM +-5% 1/16W             |
| R116 | 061G0402750    | RST CHIPR 75 OHM +-5% 1/16W             |
| R101 | 061G0603000    | RST CHIP MAX 0R05 1/10W                 |
| R470 | 061G0603000    | RST CHIP MAX 0R05 1/10W                 |
| R467 | 061G0603000    | RST CHIP MAX 0R05 1/10W                 |
| R434 | 061G1206331    | RST CHIPR 330 OHM +-5% 1/4W             |
| D402 | 061G2010000    | RST CHIP MAX 0 OHM 3/4W                 |
| C106 | 065G0402102 12 | CAP CHIP 0402 1NF K 16V X7R             |
| C401 | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R               |

|       |                   |                                       |
|-------|-------------------|---------------------------------------|
| C403  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C404  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C406  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C407  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C416  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C419  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C420  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C422  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C428  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C432  | 065G0402104 15    | MLCC 0402 0.1UF K 16V X5R             |
| C102  | 065G0402220 31    | CHIP 22PF 50V NPO                     |
| C103  | 065G0402220 31    | CHIP 22PF 50V NPO                     |
| C408  | 065G0402224 17    | CAP CER 0.22UF -20%-80%               |
| C412  | 065G0402470 31    | MLCC 0402 CAP 47PF J 50V NPO          |
| C411  | 065G0402470 31    | MLCC 0402 CAP 47PF J 50V NPO          |
| C113  | 065G0402473 12    | CHIP 0.047UF 16V X7R                  |
| C110  | 065G0402473 12    | CHIP 0.047UF 16V X7R                  |
| C109  | 065G0402473 12    | CHIP 0.047UF 16V X7R                  |
| C107  | 065G0402473 12    | CHIP 0.047UF 16V X7R                  |
| C105  | 065G0402473 12    | CHIP 0.047UF 16V X7R                  |
| C101  | 065G0402473 12    | CHIP 0.047UF 16V X7R                  |
| C111  | 065G0402509 31    | CHIP 5PF 50V NPO                      |
| C108  | 065G0402509 31    | CHIP 5PF 50V NPO                      |
| C104  | 065G0402509 31    | CHIP 5PF 50V NPO                      |
| FB402 | 071G 56K121 M     | CHIP BEAD                             |
| FB401 | 071G 56V301 B     | CHIP BEAD FCM2012VF-301T07 BULLWILL   |
| FB103 | 071G 59K190 B     | 19 OHM BEAD                           |
| FB102 | 071G 59K190 B     | 19 OHM BEAD                           |
| FB101 | 071G 59K190 B     | 19 OHM BEAD                           |
| ZD103 | 093G 39GA01 T     | RLZ5.6B                               |
| ZD104 | 093G 39GA01 T     | RLZ5.6B                               |
|       | 715G3244 1        | MAIN PCB FR-4 D/S 65X64MM             |
| C433  | 065G0402105 A5    | CAP 0402 1UF K 10V X5R                |
| R482  | 061G0402000       | RST CHIP MAX 0R05 1/16W               |
| R483  | 061G0402000       | RST CHIP MAX 0R05 1/16W               |
|       | 709G3244 QS001    | CONSUMPTIVE ASS'Y                     |
|       | 052G6026 3        | MESH PRINTTING PAPER                  |
|       | 052G 2191 A       | PAPER TAPE                            |
| FB405 | 071G 56G151 A     | TB160808G151                          |
| D403  | 093G 64 42 P      | BAV70 SOT23 BY PAN JIT                |
| U405  | 056G1133 34       | M24C02-WMN6TP                         |
| Q407  | 057G 417518       | TRA LMBT3904LT1G 200MA/40V SOT-23 LRC |
| R485  | 061G0402000       | RST CHIP MAX 0R05 1/16W               |
| R472  | 061G0402472       | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| R473  | 061G0402472       | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| R474  | 061G0402472       | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| R123  | 061G0402472       | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| C434  | 065G0402224 17    | CAP CER 0.22UF -20%-80%               |
| R475  | 061G0402470       | RST CHIPR 47 OHM +-5% 1/16W           |
| R476  | 061G0402470       | RST CHIPR 47 OHM +-5% 1/16W           |
|       | 709G3244 QA001    | CONSUMPTIVE ASS'Y                     |
|       | H44GA068615 1A    | CARTON                                |
|       | KEPC8QR3          | KEY G3371-C-X-X-1-090109              |
|       | A33G0564 2 1L0100 | KEY-GUIDE                             |
|       | Q52G 3 75         | 3M DOUBLE FACE TAPE                   |
| CN001 | 033G8034 6H H X   | WAFER 1.0MM SMT 6P                    |
| U001  | 056G 665 43       | IC CY8C20180-LDX2I QFN-16(COL)        |



|        |                |                                       |
|--------|----------------|---------------------------------------|
| R009   | 061G0603000    | RST CHIP MAX 0R05 1/10W               |
| R008   | 061G0603000    | RST CHIP MAX 0R05 1/10W               |
| R001   | 061G0603000    | RST CHIP MAX 0R05 1/10W               |
| R012   | 061G0603000    | RST CHIP MAX 0R05 1/10W               |
| R002   | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W          |
| R005   | 061G0603561    | RST CHIPR 560 OHM +-5% 1/10W          |
| R006   | 061G0603561    | RST CHIPR 560 OHM +-5% 1/10W          |
| R007   | 061G0603561    | RST CHIPR 560 OHM +-5% 1/10W          |
| R004   | 061G0603561    | RST CHIPR 560 OHM +-5% 1/10W          |
| C001   | 065G0603102 31 | CHIP 1000PF 50V NPO                   |
| C002   | 065G0603225 A5 | CHIP 2.2UF 10V X5R                    |
| LED001 | 081G15BY 2 EL  | LED 12-22BHS2C-A01-2C                 |
| ZD004  | 093G 39S 34 T  | UDZSNP5.6B ROHM                       |
| ZD005  | 093G 39S 34 T  | UDZSNP5.6B ROHM                       |
|        | 715G3371 1     | KEY PCB 115X10.2X1.0MM FR-4 D/S 1OZ   |
|        | 709G3371 QS001 | CONSUMPTIVE ASS'Y                     |
|        | PWPC8921MYD1   | POWER G2892-2-3-X-1-090310            |
|        | 040G 45762412B | CBPC LABEL                            |
| GND1   | 009G6005 1     | GROUND TERMINAL                       |
| CN802  | 033G8021 2E U  | INVERT CONNECTOR                      |
| CN801  | 033G8021 2E U  | INVERT CONNECTOR                      |
| U902   | 056G 139 3A    | IC PC123Y22FZ0F                       |
| NR901  | 061G 5810T     | RST NTCR 8 OHM +-20% 4A 13MM THINKING |
| C908   | 063G 10747410V | 0.47UF 275VAC ARCO                    |
| C908   | 063G107K474 6S | CAP X2 0.47UF K 275VAC                |
| C937   | 065G 2M103 3B  | 0.01UF 2KV 20% Z5U                    |
| C803   | 065G 3J1006ET  | 10PF,J,3KV,SL                         |
| C801   | 065G 3J1006ET  | 10PF,J,3KV,SL                         |
| C903   | 065G305M1022BP | Y2 1000PF M 250VAC Y5P                |
| C902   | 065G305M1022BP | Y2 1000PF M 250VAC Y5P                |
| C938   | 065G306M1022BP | 1000PF Y1.CAP                         |
| C900   | 065G306M2222BP | 2200PF +-20% 250VAC                   |
| C907   | 067G 40Z10115K | CAP 105°C 100UF M 450V                |
| C907   | 067G 40Z10115L | EC 100UF 450V M 18*36MM               |
| C811   | 067G215D4714KV | E.C 105°C CAP 470UF M 25V ED SERIES   |
| C811   | 067G215D4714LV | LOW ESR EC 470UF 25V M 10*16MM        |
| C925   | 067G215S1023KV | EC CAP 105°C 1000UF M 16V             |
| C920   | 067G215S1024KV | EC 105°C CAP 1000UF M 25V             |
| C918   | 067G215S1024KV | EC 105°C CAP 1000UF M 25V             |
| C920   | 067G215S1024LV | LOW ESR EC 1000UF 25V M 12.5*20MM     |
| C918   | 067G215S1024LV | LOW ESR EC 1000UF 25V M 12.5*20MM     |
| C922   | 067G215S4713KV | EC 105°C CAP 470UF M 16V              |
| C922   | 067G215S4713LV | LOW ESR EC 470UF 16V M 10*12.5MM      |
| L901   | 073G 174 65 H2 | LINE FILTER 30MH MIN                  |
| L901   | 073G 174 65 S2 | LINE FILTER 30MH MIN                  |
| L906   | 073G 253191 H  | IND CHOKE 1.1UH DADON                 |
| L906   | 073G 253191 S  | IND CHOKE 1.1UH                       |
| T901   | 080GL17T 47 L  | X'FMR 600UH PT-011130                 |
| T901   | 080GL17T 47 N  | X'FMR 600UH YUVA-1080                 |
| T901   | 080GL17T 47 S  | X'FMR 600UH                           |
| T801   | 080GL22T 1 H1  | X'FMR INVERTER 72UH                   |
| CN901  | 087G 501 32 S  | AC SOCKET                             |
| CN901  | 087G 501 32 CJ | AC SOCKET                             |
| BD901  | 093G 50460 28  | BRIDGE DIODE KBP208G LITEON           |
| D902   | 093G 60322     | DIODE SR5150 5A/150V DO-27            |
| D902   | 093G 60325     | DIODE SB5150 5A/150V DO-201AD         |

|       |                |                                      |
|-------|----------------|--------------------------------------|
| CN902 | 095G 825 9E518 | HARNESS 9P(SCN)-9P(PLUG) 100MM       |
| CN902 | 095G 825 9X518 | HARNESS 9P(SCN)-9P(PLUG) 100MM       |
|       | 705GQ851001    | OIL FOR DISAPPEAR ASS'Y              |
|       | 705GQ857021    | Q901 ASS'Y                           |
| Q901  | 057G 667 52    | FET 2SK4100LS-T 7A/650V TO-220FI(LS) |
| Q901  | 057G 667 56    | MOSFET 7A/650V FMA07N65GX TO-220F    |
| Q901  | 057G 724 11    | STP9NK65ZFP                          |
| HS1   | 090G6064 1     | HEAT SINK                            |
|       | AM1G1730 8120  | SCREW                                |
|       | 705GQ893027    | D906 ASS'Y                           |
| HS3   | 090G6084 1     | HEAT SINK                            |
| D906  | 093G 60251     | FCQ10U06                             |
| D906  | 093G 60526     | SCHOTTKY MBRF1060CT ITO-220AB        |
| D906  | 093G1506 2     | FMW-2156                             |
|       | AM1G1730 8120  | SCREW                                |
|       | 709G2892 QM001 | CONSUMPTIVE ASS'Y                    |
|       | 055G 2         | ALCOHOL                              |
|       | 055G 23524     | WELDING FLUX WITHOUT PB              |
|       | Q55G 100625    | TIN STICK_LOW ARGENTUM               |
| U901  | 056G 379128    | IC LD7576 GS SOP-8                   |
| U801  | 056G 379154    | IC AM9000ES SOIC-16                  |
| Q803  | 057G 763 92    | FET P8008HV 4A/80V SOP-8             |
| R814  | 061G0603100 Y  | RST CHIPR 10 OHM +-5% 1/10W YAGEO    |
| R815  | 061G0603100 Y  | RST CHIPR 10 OHM +-5% 1/10W YAGEO    |
| R816  | 061G0603100 Y  | RST CHIPR 10 OHM +-5% 1/10W YAGEO    |
| R907  | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W          |
| R920  | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W          |
| R928  | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W          |
| R918  | 061G0603100 2F | RST CHIPR 10K OHM +-1% 1/10W         |
| R809  | 061G06031003FT | RST CHIP 100K 1/10W 1%               |
| R805  | 061G0603103 T  | RST CHIP 10K 1/10W 5%                |
| R806  | 061G0603103 T  | RST CHIP 10K 1/10W 5%                |
| R807  | 061G0603103 T  | RST CHIP 10K 1/10W 5%                |
| R808  | 061G0603103 T  | RST CHIP 10K 1/10W 5%                |
| R811  | 061G0603103 T  | RST CHIP 10K 1/10W 5%                |
| R817  | 061G0603103 T  | RST CHIP 10K 1/10W 5%                |
| R803  | 061G0603202 T  | RST CHIP 2K 1/10W 5%                 |
| R804  | 061G0603202 T  | RST CHIP 2K 1/10W 5%                 |
| R810  | 061G0603203 T  | RST CHIP 20K 1/10W 5%                |
| R925  | 061G0603243 1F | RST CHIPR 2.43K OHM +-1% 1/10W       |
| R812  | 061G0603339 Y  | RST CHIPR 3.3 OHM +-5% 1/10W YAGEO   |
| R813  | 061G0603339 Y  | RST CHIPR 3.3 OHM +-5% 1/10W YAGEO   |
| R916  | 061G0603365 1F | RST CHIPR 3.65 KOHM +-1% 1/10W       |
| R801  | 061G06034120FF | RST CHIPR 412 OHM +-1% 1/10W FENGHUA |
| R802  | 061G06034120FF | RST CHIPR 412 OHM +-1% 1/10W FENGHUA |
| R905  | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W         |
| R919  | 061G0805151    | RST CHIPR 150 OHM +-5% 1/8W          |
| F801  | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| RJ801 | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| RJ802 | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| RJ803 | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| RJ804 | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| RJ805 | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| RJ806 | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| RJ807 | 061G1206000    | RST CHIP MAX 0R05 1/4W               |
| R917  | 061G1206100    | RST CHIPR 10 OHM +-5% 1/4W           |
| R930  | 061G1206101    | RST CHIPR 100 OHM +-5% 1/4W          |

|       |                   |                                      |
|-------|-------------------|--------------------------------------|
| R929  | 061G1206101       | RST CHIPR 100 OHM +-5% 1/4W          |
| R912  | 061G1206101       | RST CHIPR 100 OHM +-5% 1/4W          |
| R910  | 061G1206101       | RST CHIPR 100 OHM +-5% 1/4W          |
| R909  | 061G1206101       | RST CHIPR 100 OHM +-5% 1/4W          |
| R903  | 061G1206101       | RST CHIPR 100 OHM +-5% 1/4W          |
| R908  | 061G1206103       | RST CHIPR 10K OHM +-5% 1/4W          |
| R913  | 061G1206159       | RST CHIPR 1.5 OHM +-5% 1/4W          |
| R923  | 061G1206221       | RST CHIPR 220 OHM +-5% 1/4W          |
| R914  | 061G1206432 2F    | RST CHIPR 43.2 KOHM +-1% 1/4W        |
| R900  | 061G1206624       | RST CHIPR 620 KOHM +-5% 1/4W         |
| R901  | 061G1206624       | RST CHIPR 620 KOHM +-5% 1/4W         |
| R902  | 061G1206624       | RST CHIPR 620 KOHM +-5% 1/4W         |
| C923  | 065G0603102 32    | 1000PF +-10% 50V X7R                 |
| C915  | 065G0603103 12    | CHIP 0.01UF 16V X7R                  |
| C810  | 065G0603103 32    | CAP CHIP 0603 0.01UF K 50V X7R       |
| C924  | 065G0603104 12    | CER2 0603 X7R 16V 100N P             |
| C926  | 065G0603104 12    | CER2 0603 X7R 16V 100N P             |
| C912  | 065G0603104 22    | CAP CHIP 0603 0.1UF K 25V X7R        |
| C805  | 065G060310517Z Y  | CAP CHIP 0603 1UF Z 16V Y5V          |
| C808  | 065G060310517Z Y  | CAP CHIP 0603 1UF Z 16V Y5V          |
| C914  | 065G0603471 32    | CHIP 470PF 50V X7R                   |
| C809  | 065G0805102 32    | CHIP 1000P 50VX7R 0805               |
| C815  | 065G080510432T    | CAP 0805 0.1UF K 50V X7R TAIYO YUDEN |
| C814  | 065G080510522K T  | CAP CHIP 0805 1UF K 25V X7R          |
| C813  | 065G080522232K    | CAP CHIP 0805 2N2 50V X7R +/-10%     |
| C812  | 065G080522232K    | CAP CHIP 0805 2N2 50V X7R +/-10%     |
| C804  | 065G0805332 32    | 3300PF/50V/X7R                       |
| C802  | 065G0805332 32    | 3300PF/50V/X7R                       |
| C807  | 065G0805392 31    | CHIP 3900PF 50V X7R 0805             |
| C927  | 065G080547332K A  | CAP CHIP 0805 47NF K 50V X7R         |
| C806  | 065G080547332K A  | CAP CHIP 0805 47NF K 50V X7R         |
| C917  | 065G1206102 72    | CAP CHIP 1206 1000PF K 500V X7R      |
| C916  | 065G1206102 72    | CAP CHIP 1206 1000PF K 500V X7R      |
| D803  | 093G 64 38 D      | DIODE BAW56 DIODES                   |
| CN901 | 006G 31500        | EYELET                               |
| U903  | 056G 158 12       | KIA431A-AT/P TO-92                   |
| Q904  | 057G 761 16       | TRA KTD1028 KEC                      |
| R906  | 061G152M10452T SY | RST MOFR 100KOHM +-5% 2WS FUTABA     |
| R924  | 061G152M39852T    | RST MOFR 0.39 OHM +-5% 2WS           |
| R904  | 061G152M47152T    | RST MOFR 470 OHM +-5% 2WS            |
| C911  | 065G 2K152 2T6921 | CAP CER 1500PF K 2KV Y5P             |
| C913  | 067G215Y2207KT    | CAP 105°C 22UF M 50V KINGNICH        |
| FB901 | 071G 55 29        | FERRITE BEAD                         |
| F901  | 084G 56 4 B       | FUSE 4A 250V                         |
| F902  | 084G 56 4 B       | FUSE 4A 250V                         |
| ZD901 | 093G 3916752T     | MTZJ T-72 16B                        |
| D903  | 093G 6026T52T     | RECTIFIER DIODE FR107                |
| D903  | 093G 6026W52T     | FR107                                |
| D904  | 093G 6038P52T     | PS102R                               |
| D904  | 093G 6038T52T     | FR103                                |
| D907  | 093G 64 1152T     | 1N4148                               |
| D907  | 093G 6451652T     | 1N4148                               |
| J801  | 095G 90 23        | JUMPER WIRE                          |
| J802  | 095G 90 23        | JUMPER WIRE                          |
| J803  | 095G 90 23        | JUMPER WIRE                          |
| J804  | 095G 90 23        | JUMPER WIRE                          |
| J805  | 095G 90 23        | JUMPER WIRE                          |

|       |                    |                                    |
|-------|--------------------|------------------------------------|
| J806  | 095G 90 23         | JUMPER WIRE                        |
| J807  | 095G 90 23         | JUMPER WIRE                        |
| J908  | 095G 90 23         | JUMPER WIRE                        |
| J909  | 095G 90 23         | JUMPER WIRE                        |
| J921  | 095G 90 23         | JUMPER WIRE                        |
| J907  | 095G 90 23         | JUMPER WIRE                        |
| J906  | 095G 90 23         | JUMPER WIRE                        |
| J905  | 095G 90 23         | JUMPER WIRE                        |
| J903  | 095G 90 23         | JUMPER WIRE                        |
| J902  | 095G 90 23         | JUMPER WIRE                        |
| J901  | 095G 90 23         | JUMPER WIRE                        |
| J822  | 095G 90 23         | JUMPER WIRE                        |
| J808  | 095G 90 23         | JUMPER WIRE                        |
|       | 715G2892 2 3       | POWER PCB FR-1 122X184*1.6MM SS    |
|       | 709G2892 QA001     | CONSUMPTIVE ASS'Y                  |
|       | 095G 90 23         | JUMPER WIRE                        |
| J608  | 095G 90 23         | JUMPER WIRE                        |
| J910  | 095G 90 23         | JUMPER WIRE                        |
| J911  | 095G 90 23         | JUMPER WIRE                        |
|       | 709G2892 QS001     | CONSUMPTIVE ASS'Y                  |
|       | 052G 2191 A        | PAPER TAPE                         |
| T901  | S80GL17T47V        | X'FMR POWER 600UH                  |
| T801  | S80GL22T1V1        | X'FMR INVERTER 72UH                |
|       | Q34FPE19P06        | CASE EEL19                         |
|       | Q15G0421101        | MAINFRAME                          |
|       | Q33G0295AED 1L0100 | HINGE RELEASE BUTTON               |
|       | Q34G0584AEDA1B0100 | BEZEL(L20WA-936)                   |
|       | Q34G0585AEDA1S0100 | REAR COVER(L20WA-936)              |
|       | Q40G0002615A72     | USB POP LABEL                      |
|       | Q40G0002615A73     | EPEAT LABEL                        |
|       | Q40G000267311A     | WINDOW VISTA LABEL                 |
|       | Q41G2009615 4A     | 2036S/2036SA QSG                   |
|       | Q44GA068101        | EPS                                |
|       | Q44GA068201        | EPS                                |
|       | Q45G 88609 60 R    | EPE BAG FOR MONITOR                |
|       | Q50G 4 10          | TIE                                |
|       | Q52G 1185 99       | BIG CARTON TAPE FOR AOC            |
|       | Q85G0119101        | SHIELD                             |
|       | USB8QB3            | USB BOARD                          |
| CN511 | 033G3802 5 BH F    | CONNECTOR 5PIN                     |
| CN512 | 088G 352 2 TN      | USB CONN                           |
|       | 715G2663 2         | USB PCB 18.5X60X1.6MM FR-1 S/S 1OZ |
|       | USB9QA1            | USB BOARD G3501-A-X-X-1-090113     |
| CN501 | 033G3802 5B Y W    | WEAFER                             |
| CN502 | 088G 351 2B TN     | USB CONN                           |
| C503  | 065G0603104 12     | CER2 0603 X7R 16V 100N P           |
| C501  | 065G0603509 31     | CHIP 5PF +-0.5PF 50V NPO           |
| C502  | 065G0603509 31     | CHIP 5PF +-0.5PF 50V NPO           |
| FB501 | 071G 56K121 M      | CHIP BEAD                          |
|       | 715G3501 2         | USB PCB 18X40X1.6MM FR-1 S/S 1OZ   |
|       | 709G3501 QS001     | CONSUMPTIVE ASS'Y                  |
|       | Q41G780A61592A     | NA WARRANTY CARD                   |
|       | Q41G780A61593A     | EASE CARD                          |
|       | Q45G 76 28 RN R    | PE BAG MANUAL                      |
|       | Q70G2001615 3B     | CD MANUAL                          |
|       | 040G 58162435A     | P/N LABEL FOR MANUAL PE BAG        |
|       | 040G 581689 4A     | BARCODE LABEL FOR 1                |

|  |                |                           |
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|  | Q40G 20N61526A | RATING LABEL              |
|  | Q40G0002615A76 | CARTON LABEL FOR 2036S WW |

**2036Sa TA9SMGNC6WA2UN**

| Location   | Part No.           | Description                          |
|------------|--------------------|--------------------------------------|
|            | 026G 800504 3      | BARCODE LABEL FOR 4                  |
|            | 040G 58162461A     | EPA LABEL                            |
|            | 040G 581909 1A     | PROTECT LABEL                        |
|            | 052G 1185 1        | BIG TAPE                             |
|            | 052G 1186          | SMALL TAPE                           |
|            | 052G 1207 A        | CONDUCTIVE TAPE 45MM *25MM *0.08MM   |
|            | 052G 1208 A        | ALUMINIUM TAPE                       |
|            | 052G 1211550       | ALUMINUM FOIL TAPE                   |
|            | 052G 2191 A        | PAPER TAPE                           |
|            | 078G 314505 K      | SPK 8OHM 1.5W 37X17 400 180MM KUAIDA |
|            | 089G 175 8 G       | FQE41177F USB CABLE 1800MM A+B       |
|            | 089G 725CAA DB     | D-SUB CABLE                          |
|            | 089G417A15N IS     | POWER CORD                           |
|            | 095G8014 5XH09     | HARNESS 5P(PLUG)-5P(2501) 200MM      |
|            | 095G8014 7X588     | HARNESS 7P(PLUG)-6P(C2003) 340MM     |
|            | 095G8018 3XH18     | LVDS CABLE 30P-30P 140MM             |
|            | 095G8022 6X504     | HARNESS 6P-6P 200MM                  |
|            | 0M1G 130 5120      | SCREW                                |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 0M1G1730 6120      | SCREW,42-D020523                     |
|            | 705GQ934011        | 20" LCD STAND BASE ASS'Y             |
|            | 0Q1G1040 8120      | SCREW                                |
|            | Q01G6064 1         | SCREW                                |
|            | Q12G6600 6         | FOOT                                 |
|            | Q34G0560AED 1S0100 | AOC-836 STAND_FRONT                  |
|            | Q34G0561AED 1S0100 | AOC-936 STAND_REAR                   |
|            | Q34G0562AED 1S0130 | AOC-936 BASE                         |
|            | Q37G0133012        | HINGE                                |
|            | 750GLS200KT312N000 | PANEL LTM200KT03 802(V02) SZ SEC     |
|            | 756GQ9CB AA012     | MAIN BOARD-CBPC9MGA1QY               |
| U402       | 056G1133129        | IC EN25F20-100GCP 2MB SOP-8          |
| SMTC9-U402 | 100GAMSA003Y11     | MCU ASS'Y-056G1133129                |
|            | 040G 45762412B     | CBPC LABEL                           |
| CN409      | 033G3802 7B Y      | CONNECTOR 7P 2.0 DIP                 |
| CN404      | 033G3802 9B Y      | CONNECTOR 9P 2.0                     |
| CN405      | 033G8027 30 H      | WAFER 30P 2.0MM RIGHT ANGLE          |
| R480       | 061G152M229 64     | 2.2 OHM 2W 5% MOF                    |
| CN101      | 088G 35315F XH     | D-SUB 15PIN VERTICAL CONN WITH SCREW |
| X401       | 093G 22 53 J       | 14.31818MHZ/32PF/49US                |
|            | 709G3244 QM001     | CONSUMPTIVE ASS'Y                    |
|            | 055G 2             | ALCOHOL                              |
|            | 055G 23524         | WELDING FLUX WITHOUT PB              |
|            | Q55G 100625        | TIN STICK_LOW ARGENTUM               |
| C410       | 067G 2151007RT     | LOW E.S.R 10UF +/-20% 50V            |
| C427       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| C423       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| C426       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| C421       | 067G 305101 4T     | 100UF +/-20% 25V                     |
| U401       | 056G 562560        | IC TSUMU18ER-LF LQFP-64 MSTAR        |
| U404       | 056G 563 52        | IC AP1117D33L-13 TO252-3L DIODES     |

|      |                |   |
|------|----------------|---|
| U103 | 056G 662502    | IC ESD AZC199-04S SOT23-6L              |
| U102 | 056G 662502    | IC ESD AZC199-04S SOT23-6L              |
| U402 | 056G1133129    | IC EN25F20-100GCP 2MB SOP-8             |
| Q404 | 057G 417 6     | PMBS3906/PHILIPS-SMT(06)                |
| Q410 | 057G 417 22 T  | TRA KN2907AS -60V/-0.6A SOT-23          |
| Q409 | 057G 417 22 T  | TRA KN2907AS -60V/-0.6A SOT-23          |
| Q403 | 057G 417517    | TRA LMBT3906LT1G -200MA/-40V SOT-23 LRC |
| Q402 | 057G 417517    | TRA LMBT3906LT1G -200MA/-40V SOT-23 LRC |
| Q406 | 057G 417518    | TRA LMBT3904LT1G 200MA/40V SOT-23 LRC   |
| Q405 | 057G 763 1     | A03401 SOT23 BY AOS(A1)                 |
| R401 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R402 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R456 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R457 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R471 | 061G0402000    | RST CHIP MAX 0R05 1/16W                 |
| R102 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R103 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R104 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R108 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R111 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R114 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R115 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R117 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R405 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R411 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R412 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R413 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R442 | 061G0402101    | RST CHIPR 100 OHM +5% 1/16W             |
| R469 | 061G0402102    | RST CHIPR 1 KOHM +5% 1/16W              |
| R410 | 061G0402102    | RST CHIPR 1 KOHM +5% 1/16W              |
| R441 | 061G0402102    | RST CHIPR 1 KOHM +5% 1/16W              |
| R118 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R407 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R408 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R417 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R433 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R437 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R439 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R414 | 061G0402103    | RST CHIPR 10 KOHM +5% 1/16W             |
| R436 | 061G0402104    | RST CHIPR 100 KOHM +5% 1/16W            |
| R468 | 061G0402201    | RST CHIP 200R 1/16W 5%                  |
| R105 | 061G0402222    | RST CHIPR 2.2 KOHM +5% 1/16W            |
| R106 | 061G0402222    | RST CHIPR 2.2 KOHM +5% 1/16W            |
| R466 | 061G0402222    | RST CHIPR 2.2 KOHM +5% 1/16W            |
| R109 | 061G0402390 0F | RST CHIP 390R 1/16W 1%                  |
| R403 | 061G0402390 0F | RST CHIP 390R 1/16W 1%                  |
| R428 | 061G0402392    | RST CHIP 3.9K 1/16W 5%                  |
| R427 | 061G0402392    | RST CHIP 3.9K 1/16W 5%                  |
| R435 | 061G0402472    | RST CHIPR 4.7 KOHM +5% 1/16W            |
| R440 | 061G0402472    | RST CHIPR 4.7 KOHM +5% 1/16W            |
| R107 | 061G0402750    | RST CHIPR 75 OHM +5% 1/16W              |
| R112 | 061G0402750    | RST CHIPR 75 OHM +5% 1/16W              |
| R116 | 061G0402750    | RST CHIPR 75 OHM +5% 1/16W              |
| R101 | 061G0603000    | RST CHIP MAX 0R05 1/10W                 |
| R467 | 061G0603000    | RST CHIP MAX 0R05 1/10W                 |
| R470 | 061G0603000    | RST CHIP MAX 0R05 1/10W                 |
| R434 | 061G1206331    | RST CHIPR 330 OHM +5% 1/4W              |

|       |                |                                       |
|-------|----------------|---------------------------------------|
| D402  | 061G2010000    | RST CHIP MAX 0 OHM 3/4W               |
| C106  | 065G0402102 12 | CAP CHIP 0402 1NF K 16V X7R           |
| C432  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C428  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C422  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C420  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C419  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C416  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C407  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C406  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C404  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C403  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C401  | 065G0402104 15 | MLCC 0402 0.1UF K 16V X5R             |
| C103  | 065G0402220 31 | CHIP 22PF 50V NPO                     |
| C102  | 065G0402220 31 | CHIP 22PF 50V NPO                     |
| C408  | 065G0402224 17 | CAP CER 0.22UF -20%-80%               |
| C412  | 065G0402470 31 | MLCC 0402 CAP 47PF J 50V NPO          |
| C411  | 065G0402470 31 | MLCC 0402 CAP 47PF J 50V NPO          |
| C113  | 065G0402473 12 | CHIP 0.047UF 16V X7R                  |
| C110  | 065G0402473 12 | CHIP 0.047UF 16V X7R                  |
| C109  | 065G0402473 12 | CHIP 0.047UF 16V X7R                  |
| C107  | 065G0402473 12 | CHIP 0.047UF 16V X7R                  |
| C105  | 065G0402473 12 | CHIP 0.047UF 16V X7R                  |
| C101  | 065G0402473 12 | CHIP 0.047UF 16V X7R                  |
| C111  | 065G0402509 31 | CHIP 5PF 50V NPO                      |
| C108  | 065G0402509 31 | CHIP 5PF 50V NPO                      |
| C104  | 065G0402509 31 | CHIP 5PF 50V NPO                      |
| FB402 | 071G 56K121 M  | CHIP BEAD                             |
| FB401 | 071G 56V301 B  | CHIP BEAD FCM2012VF-301T07 BULLWILL   |
| FB103 | 071G 59K190 B  | 19 OHM BEAD                           |
| FB102 | 071G 59K190 B  | 19 OHM BEAD                           |
| FB101 | 071G 59K190 B  | 19 OHM BEAD                           |
| ZD103 | 093G 39GA01 T  | RLZ5.6B                               |
| ZD104 | 093G 39GA01 T  | RLZ5.6B                               |
|       | 715G3244 1     | MAIN PCB FR-4 D/S 65X64MM             |
| C433  | 065G0402105 A5 | CAP 0402 1UF K 10V X5R                |
| R482  | 061G0402000    | RST CHIP MAX 0R05 1/16W               |
| R483  | 061G0402000    | RST CHIP MAX 0R05 1/16W               |
|       | 709G3244 QS001 | CONSUMPTIVE ASS'Y                     |
|       | 052G6026 3     | MESH PRINTTING PAPER                  |
|       | 052G 2191 A    | PAPER TAPE                            |
| FB405 | 071G 56G151 A  | TB160808G151                          |
| D403  | 093G 64 42 P   | BAV70 SOT23 BY PAN JIT                |
| U405  | 056G1133 34    | M24C02-WMN6TP                         |
| Q407  | 057G 417518    | TRA LMBT3904LT1G 200MA/40V SOT-23 LRC |
| R485  | 061G0402000    | RST CHIP MAX 0R05 1/16W               |
| R472  | 061G0402472    | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| R473  | 061G0402472    | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| R474  | 061G0402472    | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| R123  | 061G0402472    | RST CHIPR 4.7 KOHM +-5% 1/16W         |
| C434  | 065G0402224 17 | CAP CER 0.22UF -20%-80%               |
| R475  | 061G0402470    | RST CHIPR 47 OHM +-5% 1/16W           |
| R476  | 061G0402470    | RST CHIPR 47 OHM +-5% 1/16W           |
| R418  | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W          |
| R419  | 061G0402101    | RST CHIPR 100 OHM +-5% 1/16W          |
| R447  | 061G0402103    | RST CHIPR 10 KOHM +-5% 1/16W          |
| R448  | 061G0402472    | RST CHIPR 4.7 KOHM +-5% 1/16W         |

|        |                   |                                       |
|--------|-------------------|---------------------------------------|
| Q408   | 057G 417518       | TRA LMBT3904LT1G 200MA/40V SOT-23 LRC |
|        | 709G3244 QA001    | CONSUMPTIVE ASS'Y                     |
|        | H40G 58161569A    | USB LABEL                             |
|        | KEPC8QR3          | KEY BOARD G3371-C-X-X-1-090109        |
|        | A33G0564 2 1L0100 | KEY-GUIDE                             |
|        | Q52G 3 75         | 3M DOUBLE FACE TAPE                   |
| CN001  | 033G8034 6H H X   | WAFER 1.0MM SMT 6P                    |
| U001   | 056G 665 43       | IC CY8C20180-LDX2I QFN-16(COL)        |
| R012   | 061G0603000       | RST CHIP MAX 0R05 1/10W               |
| R009   | 061G0603000       | RST CHIP MAX 0R05 1/10W               |
| R008   | 061G0603000       | RST CHIP MAX 0R05 1/10W               |
| R001   | 061G0603000       | RST CHIP MAX 0R05 1/10W               |
| R002   | 061G0603101       | RST CHIPR 100 OHM +-5% 1/10W          |
| R006   | 061G0603561       | RST CHIPR 560 OHM +-5% 1/10W          |
| R007   | 061G0603561       | RST CHIPR 560 OHM +-5% 1/10W          |
| R005   | 061G0603561       | RST CHIPR 560 OHM +-5% 1/10W          |
| R004   | 061G0603561       | RST CHIPR 560 OHM +-5% 1/10W          |
| C001   | 065G0603102 31    | CHIP 1000PF 50V NPO                   |
| C002   | 065G0603225 A5    | CHIP 2.2UF 10V X5R                    |
| LED001 | 081G15BY 2 EL     | LED 12-22BHS2C-A01-2C                 |
| ZD004  | 093G 39S 34 T     | UDZSNP5.6B ROHM                       |
| ZD005  | 093G 39S 34 T     | UDZSNP5.6B ROHM                       |
|        | 709G3371 QS001    | CONSUMPTIVE ASS'Y                     |
|        | 715G3371 1        | KEY PCB 115X10.2X1.0MM FR-4 D/S 1OZ   |
|        | PWPC8A21MYD6      | POWER BOARD G2892-2-3-X-8-090416      |
|        | 040G 45762412B    | CBPC LABEL                            |
| GND1   | 009G6005 1        | GROUND TERMINAL                       |
| CN602  | 033G3802 4 BH F   | CONNECTOR                             |
| CN602  | 033G3802 4 BH L   | CONN 2.0MM 4P                         |
| CN801  | 033G8021 2E U     | INVERT CONNECTOR                      |
| CN802  | 033G8021 2E U     | INVERT CONNECTOR                      |
| U902   | 056G 139 3A       | IC PC123Y22FZ0F                       |
| U601   | 056G 616 51       | IC APA2071JI-TUG 3.1W DIP-16          |
| NR901  | 061G 5810T        | RST NTCR 8 OHM +-20% 4A 13MM THINKING |
| C908   | 063G 10747410V    | 0.47UF 275VAC ARCO                    |
| C908   | 063G107K474 6S    | CAP X2 0.47UF K 275VAC                |
| C937   | 065G 2M103 3B     | 0.01UF 2KV 20% Z5U                    |
| C801   | 065G 3J1006ET     | 10PF,J,3KV,SL                         |
| C803   | 065G 3J1006ET     | 10PF,J,3KV,SL                         |
| C902   | 065G305M1022BP    | Y2 1000PF M 250VAC Y5P                |
| C903   | 065G305M1022BP    | Y2 1000PF M 250VAC Y5P                |
| C938   | 065G306M1022BP    | 1000PF Y1.CAP                         |
| C900   | 065G306M2222BP    | 2200PF +-20% 250VAC                   |
| C907   | 067G 40Z10115K    | CAP 105°C 100UF M 450V                |
| C907   | 067G 40Z10115L    | EC 100UF 450V M 18*36MM               |
| C811   | 067G215D4714KV    | E.C 105°C CAP 470UF M 25V ED SERIES   |
| C811   | 067G215D4714LV    | LOW ESR EC 470UF 25V M 10*16MM        |
| C921   | 067G215S1023KS    | ELCAP 105°C 1000UF M 16V 13*16MM      |
| C925   | 067G215S1023KV    | EC CAP 105°C 1000UF M 16V             |
| C920   | 067G215S1024KV    | EC 105°C CAP 1000UF M 25V             |
| C918   | 067G215S1024KV    | EC 105°C CAP 1000UF M 25V             |
| C920   | 067G215S1024LV    | LOW ESR EC 1000UF 25V M 12.5*20MM     |
| C918   | 067G215S1024LV    | LOW ESR EC 1000UF 25V M 12.5*20MM     |
| C931   | 067G215S4713KV    | EC 105°C CAP 470UF M 16V              |
| C922   | 067G215S4713KV    | EC 105°C CAP 470UF M 16V              |
| C604   | 067G215S4713KV    | EC 105°C CAP 470UF M 16V              |



|       |                |                                      |
|-------|----------------|--------------------------------------|
| C931  | 067G215S4713LV | LOW ESR EC 470UF 16V M 10*12.5MM     |
| C922  | 067G215S4713LV | LOW ESR EC 470UF 16V M 10*12.5MM     |
| C604  | 067G215S4713LV | LOW ESR EC 470UF 16V M 10*12.5MM     |
| L901  | 073G 174 65 H2 | LINE FILTER 30MH MIN                 |
| L901  | 073G 174 65 S2 | LINE FILTER 30MH MIN                 |
| L906  | 073G 253191 H  | IND CHOKE 1.1UH DADON                |
| L907  | 073G 253191 H  | IND CHOKE 1.1UH DADON                |
| L907  | 073G 253191 S  | IND CHOKE 1.1UH                      |
| L906  | 073G 253191 S  | IND CHOKE 1.1UH                      |
| T901  | 080GL17T 47 L  | X'FMR 600UH PT-011130                |
| T901  | 080GL17T 47 N  | X'FMR 600UH YUVA-1080                |
| T901  | 080GL17T 47 S  | X'FMR 600UH                          |
| T801  | 080GL22T 1 H1  | X'FMR INVERTER 72UH                  |
| CN901 | 087G 501 32 S  | AC SOCKET                            |
| CN901 | 087G 501 32 CJ | AC SOCKET                            |
| CN601 | 088G 30214K DC | PHONE JACK 5PIN                      |
| BD901 | 093G 50460 28  | BRIDGE DIODE KBP208G LITEON          |
| D902  | 093G 60322     | DIODE SR5150 5A/150V DO-27           |
| D902  | 093G 60325     | DIODE SB5150 5A/150V DO-201AD        |
| CN902 | 095G 825 9E518 | HARNESS 9P(SCN)-9P(PLUG) 100MM       |
| CN902 | 095G 825 9X518 | HARNESS 9P(SCN)-9P(PLUG) 100MM       |
|       | 705GQ851001    | OIL FOR DISAPPEAR ASS'Y              |
|       | 705GQ957017    | Q901 ASS'Y                           |
| Q901  | 057G 667 52    | FET 2SK4100LS-T 7A/650V TO-220FI(LS) |
| Q901  | 057G 667 56    | MOSFET 7A/650V FMA07N65GX TO-220F    |
| Q901  | 057G 724 11    | STP9NK65ZFP                          |
| HS1   | 090G6064 1     | HEAT SINK                            |
|       | 0M1G 930 8120  | SCREW                                |
|       | 705GQ993021    | D906 ASS'Y                           |
| HS3   | 090G6084 1     | HEAT SINK                            |
| D906  | 093G 60251     | FCQ10U06                             |
| D906  | 093G 60526     | SCHOTTKY MBRF1060CT ITO-220AB        |
| D906  | 093G1506 2     | FMW-2156                             |
|       | 0M1G 930 6120  | SCREW                                |
|       | 709G2892 QM001 | CONSUMPTIVE ASS'Y                    |
|       | 055G 2         | ALCOHOL                              |
|       | 055G 23524     | WELDING FLUX WITHOUT PB              |
|       | Q55G 100625    | TIN STICK_LOW ARGENTUM               |
| U901  | 056G 379128    | IC LD7576 GS SOP-8                   |
| U801  | 056G 379154    | IC AM9000ES SOIC-16                  |
| Q803  | 057G 763 92    | FET P8008HV 4A/80V SOP-8             |
| R610  | 061G0603000    | RST CHIP MAX 0R05 1/10W              |
| R814  | 061G0603100 Y  | RST CHIPR 10 OHM +-5% 1/10W YAGEO    |
| R815  | 061G0603100 Y  | RST CHIPR 10 OHM +-5% 1/10W YAGEO    |
| R816  | 061G0603100 Y  | RST CHIPR 10 OHM +-5% 1/10W YAGEO    |
| R928  | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W          |
| R920  | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W          |
| R907  | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W          |
| R918  | 061G0603100 2F | RST CHIPR 10K OHM +-1% 1/10W         |
| R809  | 061G06031003FT | RST CHIP 100K 1/10W 1%               |
| R601  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W         |
| R602  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W         |
| R603  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W         |
| R604  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W         |
| R605  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W         |
| R609  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W         |
| R817  | 061G0603103 T  | RST CHIP 10K 1/10W 5%                |

|       |                  |                                    |
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| R811  | 061G0603103 T    | RST CHIP 10K 1/10W 5%              |
| R808  | 061G0603103 T    | RST CHIP 10K 1/10W 5%              |
| R807  | 061G0603103 T    | RST CHIP 10K 1/10W 5%              |
| R806  | 061G0603103 T    | RST CHIP 10K 1/10W 5%              |
| R805  | 061G0603103 T    | RST CHIP 10K 1/10W 5%              |
| R803  | 061G0603202 T    | RST CHIP 2K 1/10W 5%               |
| R804  | 061G0603202 T    | RST CHIP 2K 1/10W 5%               |
| R810  | 061G0603203 T    | RST CHIP 20K 1/10W 5%              |
| R925  | 061G0603243 1F   | RST CHIPR 2.43K OHM +-1% 1/10W     |
| R606  | 061G0603270 2F   | RST CHIPR 27 KOHM +-1% 1/10W       |
| R607  | 061G0603270 2F   | RST CHIPR 27 KOHM +-1% 1/10W       |
| R812  | 061G0603339 Y    | RST CHIPR 3.3 OHM +-5% 1/10W YAGEO |
| R813  | 061G0603339 Y    | RST CHIPR 3.3 OHM +-5% 1/10W YAGEO |
| R916  | 061G0603365 1F   | RST CHIPR 3.65 KOHM +-1% 1/10W     |
| R801  | 061G0603412 0F   | RST CHIPR 412 OHM +-1% 1/10W       |
| R802  | 061G0603412 0F   | RST CHIPR 412 OHM +-1% 1/10W       |
| R905  | 061G0603471      | RST CHIPR 470 OHM +-5% 1/10W       |
| R608  | 061G0805000      | RST CHIP MAX 0R05 1/8W             |
| R919  | 061G0805151      | RST CHIPR 150 OHM +-5% 1/8W        |
| F801  | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| RJ801 | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| RJ802 | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| RJ803 | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| RJ804 | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| RJ805 | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| RJ806 | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| RJ807 | 061G1206000      | RST CHIP MAX 0R05 1/4W             |
| R917  | 061G1206100      | RST CHIPR 10 OHM +-5% 1/4W         |
| R903  | 061G1206101      | RST CHIPR 100 OHM +-5% 1/4W        |
| R909  | 061G1206101      | RST CHIPR 100 OHM +-5% 1/4W        |
| R910  | 061G1206101      | RST CHIPR 100 OHM +-5% 1/4W        |
| R912  | 061G1206101      | RST CHIPR 100 OHM +-5% 1/4W        |
| R929  | 061G1206101      | RST CHIPR 100 OHM +-5% 1/4W        |
| R930  | 061G1206101      | RST CHIPR 100 OHM +-5% 1/4W        |
| R908  | 061G1206103      | RST CHIPR 10K OHM +-5% 1/4W        |
| R913  | 061G1206159      | RST CHIPR 1.5 OHM +-5% 1/4W        |
| R923  | 061G1206221      | RST CHIPR 220 OHM +-5% 1/4W        |
| R914  | 061G1206432 2F   | RST CHIPR 43.2 KOHM +-1% 1/4W      |
| R902  | 061G1206624      | RST CHIPR 620 KOHM +-5% 1/4W       |
| R901  | 061G1206624      | RST CHIPR 620 KOHM +-5% 1/4W       |
| R900  | 061G1206624      | RST CHIPR 620 KOHM +-5% 1/4W       |
| C611  | 065G0603101 31   | CER1 0603 NP0 50V 100P PM5 R       |
| C610  | 065G0603101 31   | CER1 0603 NP0 50V 100P PM5 R       |
| C923  | 065G0603102 32   | 1000PF +-10% 50V X7R               |
| C915  | 065G0603103 12   | CHIP 0.01UF 16V X7R                |
| C810  | 065G0603103 32   | CAP CHIP 0603 0.01UF K 50V X7R     |
| C924  | 065G0603104 12   | CER2 0603 X7R 16V 100N P           |
| C926  | 065G0603104 12   | CER2 0603 X7R 16V 100N P           |
| C612  | 065G0603104 12   | CER2 0603 X7R 16V 100N P           |
| C613  | 065G0603104 12   | CER2 0603 X7R 16V 100N P           |
| C912  | 065G0603104 22   | CAP CHIP 0603 0.1UF K 25V X7R      |
| C808  | 065G060310517Z Y | CAP CHIP 0603 1UF Z 16V Y5V        |
| C805  | 065G060310517Z Y | CAP CHIP 0603 1UF Z 16V Y5V        |
| C914  | 065G0603471 32   | CHIP 470PF 50V X7R                 |
| C602  | 065G0603474 12   | MLCC 0603 0.47UF K 16V X7R         |
| C601  | 065G0603474 12   | MLCC 0603 0.47UF K 16V X7R         |
| C603  | 065G0603474 12   | MLCC 0603 0.47UF K 16V X7R         |

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| C606  | 065G0603474 12    | MLCC 0603 0.47UF K 16V X7R           |
| C809  | 065G0805102 32    | CHIP 1000P 50VX7R 0805               |
| C815  | 065G080510432T    | CAP 0805 0.1UF K 50V X7R TAIYO YUDEN |
| C814  | 065G080510522K T  | CAP CHIP 0805 1UF K 25V X7R          |
| C608  | 065G080510522K T  | CAP CHIP 0805 1UF K 25V X7R          |
| C609  | 065G080510522K T  | CAP CHIP 0805 1UF K 25V X7R          |
| C812  | 065G080522232K    | CAP CHIP 0805 2N2 50V X7R +/-10%     |
| C813  | 065G080522232K    | CAP CHIP 0805 2N2 50V X7R +/-10%     |
| C802  | 065G0805332 32    | 3300PF/50V/X7R                       |
| C804  | 065G0805332 32    | 3300PF/50V/X7R                       |
| C807  | 065G0805392 31    | CHIP 3900PF 50V X7R 0805             |
| C927  | 065G080547332K A  | CAP CHIP 0805 47NF K 50V X7R         |
| C806  | 065G080547332K A  | CAP CHIP 0805 47NF K 50V X7R         |
| C916  | 065G1206102 72    | CAP CHIP 1206 1000PF K 500V X7R      |
| C917  | 065G1206102 72    | CAP CHIP 1206 1000PF K 500V X7R      |
| D803  | 093G 64 38 D      | DIODE BAW56 DIODES                   |
|       | 709G2892 QS001    | CONSUMPTIVE ASS'Y                    |
|       | 052G 2191 A       | PAPER TAPE                           |
| CN901 | 006G 31500        | EYELET                               |
| U903  | 056G 158 12       | KIA431A-AT/P TO-92                   |
| Q904  | 057G 761 16       | TRA KTD1028 KEC                      |
| R906  | 061G152M10452T SY | RST MOFR 100KOHM +/-5% 2WS FUTABA    |
| R924  | 061G152M39852T    | RST MOFR 0.39 OHM +/-5% 2WS          |
| R904  | 061G152M47152T    | RST MOFR 470 OHM +/-5% 2WS           |
| C911  | 065G 2K152 2T6921 | CAP CER 1500PF K 2KV Y5P             |
| C913  | 067G215Y2207KT    | CAP 105°C 22UF M 50V KINGNICH        |
| FB901 | 071G 55 29        | FERRITE BEAD                         |
| F902  | 084G 56 4 B       | FUSE 4A 250V                         |
| F901  | 084G 56 4 B       | FUSE 4A 250V                         |
| ZD901 | 093G 3916752T     | MTZJ T-72 16B                        |
| D903  | 093G 6026T52T     | RECTIFIER DIODE FR107                |
| D903  | 093G 6026W52T     | FR107                                |
| D904  | 093G 6038P52T     | PS102R                               |
| D904  | 093G 6038T52T     | FR103                                |
| D907  | 093G 64 1152T     | 1N4148                               |
| D907  | 093G 6451652T     | 1N4148                               |
| J801  | 095G 90 23        | JUMPER WIRE                          |
| J802  | 095G 90 23        | JUMPER WIRE                          |
| J803  | 095G 90 23        | JUMPER WIRE                          |
| J804  | 095G 90 23        | JUMPER WIRE                          |
| J805  | 095G 90 23        | JUMPER WIRE                          |
| J806  | 095G 90 23        | JUMPER WIRE                          |
| J807  | 095G 90 23        | JUMPER WIRE                          |
| J808  | 095G 90 23        | JUMPER WIRE                          |
| J822  | 095G 90 23        | JUMPER WIRE                          |
| J901  | 095G 90 23        | JUMPER WIRE                          |
| J902  | 095G 90 23        | JUMPER WIRE                          |
| J903  | 095G 90 23        | JUMPER WIRE                          |
| J905  | 095G 90 23        | JUMPER WIRE                          |
| J906  | 095G 90 23        | JUMPER WIRE                          |
| J907  | 095G 90 23        | JUMPER WIRE                          |
| J908  | 095G 90 23        | JUMPER WIRE                          |
| J909  | 095G 90 23        | JUMPER WIRE                          |
| J921  | 095G 90 23        | JUMPER WIRE                          |
|       | 715G2892 2 3      | POWER PCB FR-1 122X184*1.6MM SS      |
| FB602 | 071G 55 9 T       | FERRITE BEAD                         |
| J601  | 095G 90 23        | JUMPER WIRE                          |

|       |                    |                                    |
|-------|--------------------|------------------------------------|
| J602  | 095G 90 23         | JUMPER WIRE                        |
| J603  | 095G 90 23         | JUMPER WIRE                        |
| J604  | 095G 90 23         | JUMPER WIRE                        |
| J605  | 095G 90 23         | JUMPER WIRE                        |
| J606  | 095G 90 23         | JUMPER WIRE                        |
| J607  | 095G 90 23         | JUMPER WIRE                        |
| F903  | 084G 56 4 B        | FUSE 4A 250V                       |
|       | 709G2892 QA001     | CONSUMPTIVE ASS'Y                  |
|       | 095G 90 23         | JUMPER WIRE                        |
| J608  | 095G 90 23         | JUMPER WIRE                        |
| J910  | 095G 90 23         | JUMPER WIRE                        |
| J911  | 095G 90 23         | JUMPER WIRE                        |
| HS5   | Q90G6258 2         | HEAT SINK                          |
| T901  | S80GL17T47V        | X'FMR POWER 600UH                  |
| T801  | S80GL22T1V1        | X'FMR INVERTER 72UH                |
|       | Q34FPE19P06        | CASE EEL19                         |
|       | Q15G0421201        | MAINFRAME                          |
|       | Q33G0295AED 1L0100 | HINGE RELEASE BUTTON               |
|       | Q34G0584AEDA1B0100 | BEZEL(L20WA-936)                   |
|       | Q34G0585AEDA2S0100 | REAR COVER(L20WA-936)              |
|       | Q40G 20N61529A     | RATING LABEL                       |
|       | Q40G0002615A73     | EPEAT LABEL                        |
|       | Q40G000267330A     | VISTA LABEL                        |
|       | Q41G2009615 4A     | 2036S/2036SA QSG                   |
|       | Q44GA068101        | EPS                                |
|       | Q44GA068201        | EPS                                |
|       | Q44GA068615 2A     | 20 LCD CARTON                      |
|       | Q45G 88609 60 R    | EPE BAG FOR MONITOR                |
|       | Q50G 4 10          | TIE                                |
|       | Q85G0119101        | SHIELD                             |
|       | USB8QB3            | USB BOARD                          |
| CN511 | 033G3802 5 BH F    | CONNECTOR 5PIN                     |
| CN512 | 088G 352 2 TN      | USB CONN                           |
|       | 715G2663 2         | USB PCB 18.5X60X1.6MM FR-1 S/S 1OZ |
|       | USB9QA1            | USB BOARD G3501-A-X-X-1-090113     |
| CN501 | 033G3802 5B Y W    | WEAFER                             |
| CN502 | 088G 351 2B TN     | USB CONN                           |
| C503  | 065G0603104 12     | CER2 0603 X7R 16V 100N P           |
| C501  | 065G0603509 31     | CHIP 5PF +-0.5PF 50V NPO           |
| C502  | 065G0603509 31     | CHIP 5PF +-0.5PF 50V NPO           |
| FB501 | 071G 56K121 M      | CHIP BEAD                          |
|       | 709G3501 QS001     | CONSUMPTIVE ASS'Y                  |
|       | 715G3501 2         | USB PCB 18X40X1.6MM FR-1 S/S 1OZ   |
|       | 089G 17356X553     | AUDIO CABLE                        |
|       | Q45G 76 28 RN R    | PE BAG MANUAL                      |
|       | Q70G2001615 3A     | 2036SA CD MANUAL                   |
|       | 040G 58162435A     | P/N LABEL FOR MANUAL PE BAG        |
|       | Q40G0002615A86     | CARTON LABELFOR 2036SA FOR WW      |

## 2036Sa TA9SMGNK6WA1UNE

| Location   | Part No.           | Description                             | Remark     |
|------------|--------------------|---|------------|
|            | 026G 800504 H      | BARCODE                                 |            |
|            | 040G 58162435A     | P/N LABEL FOR MANUAL PE BAG             |            |
|            | 052G 1186          | SMALL TAPE                              |            |
|            | 052G 1207 A        | Conductive Tape 45mm *25mm *0.08mm (单导) |            |
|            | 052G 1211550       | ALUMINUM FOIL TAPE                      |            |
|            | 052G 2191 A        | PAPER TAPE                              |            |
| E07801     | 078G 314505 K      | SPK 8OHM 1.5W 37X17 400 180MM KUAIDA    |            |
|            | 089G 173 56 4B     | AUDIO CABLE                             |            |
| E08905     | 089G 175 8 C       | USB CABLE A+B 1.8M                      |            |
| E08902     | 089G 715HAAE01     | SIGNAL CABLE                            |            |
| E08901     | 089G402A15N IS     | POWER CORD                              |            |
| E09503     | 095G8014 7T588     | HARNESS 7P(PLUG)-6P(C2003) 260MM        |            |
| E09501     | 095G8018 3DH18     | LVDS CABLE 30P-30P 140MM                |            |
|            | 0D1G1730 8120      | SCREW                                   |            |
|            | 0D1G1730 8120      | SCREW                                   |            |
|            | 0D1G1730 8120      | SCREW                                   |            |
|            | 0D1G1730 8120      | SCREW                                   |            |
|            | 0M1G 130 5120      | SCREW                                   |            |
|            | 705GH934022        | 20" LCD STAND-BASE ASS'Y                |            |
| E750       | 750GLS200KT312N000 | PANEL LTM200KT03 802(V02) SZ SEC        |            |
| E750       | 750GLS200KT35CN000 | PANEL LTM200KT03 805,M05 FQ SEC         | 2nd source |
|            | H40G 20N61510A     | ID LABEL                                |            |
|            | H40G 58161569A     | USB LABEL                               |            |
|            | H40G 58261530B     | 2036Sa CARTON LABEL                     |            |
|            | H40G 58261578B     | carton label                            |            |
|            | H40G 58361564A     | SRS Basic GOLD EPA label                |            |
|            | H41G780061587B     | QSG 936Swa black audio                  |            |
|            | H44GA068101        | eps                                     |            |
|            | H44GA068201        | eps                                     |            |
|            | H44GA068615 2B     | CARTON                                  |            |
|            | H45G 77 6          | PE PACKING                              |            |
|            | H45G 87 1 13       | EPE COVER                               |            |
|            | H70G200961529C     | CD MANUAL                               |            |
|            | KEPC9HAB           | KEY BOARD                               |            |
|            | PWPC9A21SHD1       | POWER BOARD                             |            |
|            | Q15G0421202        | MAIN FRAME                              |            |
|            | Q34G0584AEDA1B0100 | BEZEL(L20WA-936)                        |            |
|            | Q34G0585AEDA2S0100 | REAR COVER(L20WA-936)                   |            |
|            | Q45G 76 28 H A     | PE BAG FOR MANUAL                       |            |
|            | Q45G 76 28V13 A    | PE BAG                                  |            |
|            | Q50G 4 10          | TIE (Y1900221)                          |            |
|            | Q52G 1185 99       | big carton tape for aoc                 |            |
|            | Q85G0119101        | shield                                  |            |
|            | USB9HA1            | USB BOARD                               |            |
|            | USBABA5            | USB BOARD                               |            |
|            | 0Q1G1040 8120      | SCREW                                   |            |
|            | Q01G6064 1         | NO-SUGGEST screw                        |            |
|            | Q34G0560AED 1S0100 | AOC-836 stand_front                     |            |
|            | Q34G0561AED 1S0100 | AOC-936 stand_rear                      |            |
|            | Q34G0562AED 2S0130 | AOC-936 base                            |            |
|            | Q37G0133012        | hinge                                   |            |
|            | 756GH9CB A1014     | MAIN BOARD-CBPC9MGA1H3                  |            |
| SMTCR-U402 | 100GAMSA001W11     | MCU ASS'Y-056G1133129                   |            |
| CN409      | 033G3802 7B Y W    | WAFER                                   |            |
| CN404      | 033G3802 9B Y W    | WAFER                                   |            |
| CN405      | 033G8027 30 H      | WAFER 30P 2.0MM RIGHT ANGLE             |            |
|            | 040G 45762412B     | CBPC LABEL                              |            |
| R480       | 061G152M22964L     | RST MOFR 2.2ohm +-5% 2WS                |            |

|        |                   |  |
|--------|-------------------|--|
| CN101  | 088G 35315F XH    | D-SUB 15PIN VERTICAL CONN WITH SCREW     |
| X401   | 093G 2253B J      | NXS14.31818AC32F-KAB10                   |
| E09513 | 095G8022 6D504    | HARNESS 6P-6P 200MM                      |
|        | A33G0564 2 1L0100 | Key-Guide                                |
|        | Q52G 3 75         | 3M DOUBLE FACE TAPE                      |
| GND1   | 009G6005 1        | GROUND TERMINAL                          |
| CN602  | 033G3802 4 BH F   | CONNECTOR                                |
| CN802  | 033G8021 2E L     | CONNECTOR 3.5MM 2P                       |
| CN801  | 033G8021 2E L     | CONNECTOR 3.5MM 2P                       |
|        | 040G 45762412B    | CBPC LABEL                               |
| U902   | 056G 139 3A       | PC123Y22FZOF SHARP                       |
| NR901  | 061G 5810X        | RST NTCR 8 OHM +-20% 4A P=7.5mm          |
| C908   | 063G107K2246S1    | X2 CAP 0.22UF K 275VAC                   |
| C937   | 065G 2M103 3B     | 0.01uF 2KV 20% Y5U                       |
| C801   | 065G 3J1006ET     | 10PF 5% SL 3KV                           |
| C803   | 065G 3J1006ET     | 10PF 5% SL 3KV                           |
| C902   | 065G305M1022BP    | CAP Y2 1000PF M 250VAC                   |
| C903   | 065G305M1022BP    | CAP Y2 1000PF M 250VAC                   |
| C900   | 065G306M2222BP    | 2200PF 20%                               |
| C925   | 067G215P1023AV    | CAP 105C 1000UF M 16V                    |
| C918   | 067G215P1024AV    | CAP 105C 1000UF M 25V                    |
| C920   | 067G215P1024AV    | CAP 105C 1000UF M 25V                    |
| C811   | 067G215P4714AV    | CAP 105C 470UF M 25V                     |
| C922   | 067G215S4713KV    | EC 105°C CAP 470UF M 16V                 |
| C604   | 067G215S4713KV    | EC 105°C CAP 470UF M 16V                 |
| C931   | 067G215S4713KV    | EC 105°C CAP 470UF M 16V                 |
| C921   | 067G215V1023KS    | EC 1000uF M 16V 12.5*16mm                |
| C907   | 067G215Z10115A    | CAP 105C 100UF M 450V                    |
| L901   | 073G 174 65 H2    | LINE FILTER 30mH MIN                     |
| L906   | 073G 253191 L     | CHOKE COIL 1.1uH CC-007802               |
| L907   | 073G 253191 L     | CHOKE COIL 1.1uH CC-007802               |
| T801   | 080GL22T 1 H1     | X'FMR INVERTER 72uH                      |
| CN901  | 087G 501 32 DL    | AC SOCKET DIP 3PIN+2PIN GROUND           |
| CN601  | 088G 30214K DC    | PHONE JACK 5P GREEN -                    |
| D902   | 093G 60335        | DIODE SR515 5A/150V DO-201AD             |
| CN902  | 095G 825 9T518    | HARNESS 9P-9P 120MM                      |
|        | 705GQ857021       | Q901 ASS'Y                               |
|        | 705GQ893027       | D906 ASS'Y                               |
|        | PW9A21SHD1SMT     | POWER BOARD FOR SMT                      |
| HS5    | Q90G6258 2        | HEAT SINK                                |
| T901   | S80GL17T47V       | X'FMR POWER 600uH                        |
| U601   | 056G 616 51       | IC APA2071JI-TUG 3.1W DIP-16             |
| BD901  | 093G 50460 28     | BRIDGE DIODE KBP208G LITEON              |
| CN511  | 033G3802 5 BH L   | CONNECTOR 5PIN                           |
| CN512  | 088G 352 2 XH     | USB CONN                                 |
|        | 715G2663 2        | USB BOARD PCB                            |
| CN501  | 033G3802 5B Y L   | CONNECTOR 5P 2.0                         |
| CN502  | 088G 351 2B XH    | USB CONN                                 |
| E09508 | 095G8014 5DH09    | HARNESS 5P(PH)-5P(PLUG) 180MM            |
| C410   | 067G 2151007RT    | 105C 10UF M 50V                          |
| C423   | 067G 3051014KT    | EC 100uF 25V PF 6.3x11mm                 |
| C421   | 067G 3051014KT    | EC 100uF 25V PF 6.3x11mm                 |
| C427   | 067G 3051014KT    | EC 100uF 25V PF 6.3x11mm                 |
| C426   | 067G 3051014KT    | EC 100uF 25V PF 6.3x11mm                 |
| U401   | 056G 562560       | NO-SUGGEST IC TSUMU18ER-LF LQFP-64 MSTAR |
| U404   | 056G 563 52       | IC AP1117D33G-13 TO252-3L DIODES         |
| U102   | 056G 662502       | IC ESD AZC199-04S.R7G SOT23-6L           |
| U103   | 056G 662502       | IC ESD AZC199-04S.R7G SOT23-6L           |
| U402   | 056G1133129       | IC EN25F20-100GCP 2Mb SOP-8              |
| Q409   | 057G 417 22 T     | TRA KN2907AS -60V/-0.6A SOT-23           |

|      |                  |   |  |
|------|------------------|---|--|
| Q410 | 057G 417 22 T    | TRA KN2907AS -60V/-0.6A SOT-23          |  |
| Q402 | 057G 417517      | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |  |
| Q403 | 057G 417517      | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |  |
| Q404 | 057G 417517      | Tra LMBT3906LT1G -200mA/-40V SOT-23 LRC |  |
| Q406 | 057G 417518      | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC   |  |
| Q405 | 057G 763 1       | AO3401 SOT23 BY AOS                     |  |
| R471 | 061G0402000      | RST CHIP MAX 0R05 1/16W                 |  |
| R457 | 061G0402000      | RST CHIP MAX 0R05 1/16W                 |  |
| R456 | 061G0402000      | RST CHIP MAX 0R05 1/16W                 |  |
| R402 | 061G0402000      | RST CHIP MAX 0R05 1/16W                 |  |
| R401 | 061G0402000      | RST CHIP MAX 0R05 1/16W                 |  |
| R442 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R413 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R412 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R411 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R405 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R117 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R115 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R114 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R111 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R108 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R104 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R103 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R102 | 061G0402101      | RST CHIPR 100 OHM +-5% 1/16W            |  |
| R469 | 061G0402102      | RST CHIPR 1 KOHM +-5% 1/16W             |  |
| R441 | 061G0402102      | RST CHIPR 1 KOHM +-5% 1/16W             |  |
| R410 | 061G0402102      | RST CHIPR 1 KOHM +-5% 1/16W             |  |
| R439 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R437 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R433 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R417 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R414 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R408 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R407 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R118 | 061G0402103      | RST CHIPR 10 KOHM +-5% 1/16W            |  |
| R436 | 061G0402104      | RST CHIPR 100 KOHM +-5% 1/16W           |  |
| R468 | 061G0402201      | RST CHIP 200R 1/16W 5%                  |  |
| R105 | 061G0402222      | RST CHIPR 2.2 KOHM +-5% 1/16W           |  |
| R106 | 061G0402222      | RST CHIPR 2.2 KOHM +-5% 1/16W           |  |
| R466 | 061G0402222      | RST CHIPR 2.2 KOHM +-5% 1/16W           |  |
| R403 | 061G0402390 0F   | RST CHIP 390R 1/16W 1%                  |  |
| R109 | 061G0402390 0F   | RST CHIP 390R 1/16W 1%                  |  |
| R427 | 061G0402392      | RST CHIP 3.9K 1/16W 5%                  |  |
| R428 | 061G0402392      | RST CHIP 3.9K 1/16W 5%                  |  |
| R435 | 061G0402472      | RST CHIPR 4.7 KOHM +-5% 1/16W           |  |
| R440 | 061G0402472      | RST CHIPR 4.7 KOHM +-5% 1/16W           |  |
| R107 | 061G0402750      | RST CHIPR 75 OHM +-5% 1/16W             |  |
| R112 | 061G0402750      | RST CHIPR 75 OHM +-5% 1/16W             |  |
| R116 | 061G0402750      | RST CHIPR 75 OHM +-5% 1/16W             |  |
| R101 | 061G0603000      | RST CHIP MAX 0R05 1/10W                 |  |
| R467 | 061G0603000      | RST CHIP MAX 0R05 1/10W                 |  |
| R470 | 061G0603000      | RST CHIP MAX 0R05 1/10W                 |  |
| R434 | 061G1206331      | RST CHIPR 330 OHM +-5% 1/4W             |  |
| D402 | 061G2010000      | NO-SUGGEST RST CHIP MAX 0 OHM 3/4W      |  |
| C106 | 065G0402102 12   | NO-SUGGEST CAP CHIP 0402 1nF K 16V X7R  |  |
| C432 | 065G040210412K A | CAP CHIP 0402 100nF K 16V X7R           |  |
| C428 | 065G040210412K A | CAP CHIP 0402 100nF K 16V X7R           |  |
| C422 | 065G040210412K A | CAP CHIP 0402 100nF K 16V X7R           |  |
| C420 | 065G040210412K A | CAP CHIP 0402 100nF K 16V X7R           |  |
| C419 | 065G040210412K A | CAP CHIP 0402 100nF K 16V X7R           |  |

|       |                |     |                                       |  |
|-------|----------------|-----|---------------------------------------|--|
| C416  | 065G040210412K | A   | CAP CHIP 0402 100nF K 16V X7R         |  |
| C407  | 065G040210412K | A   | CAP CHIP 0402 100nF K 16V X7R         |  |
| C406  | 065G040210412K | A   | CAP CHIP 0402 100nF K 16V X7R         |  |
| C404  | 065G040210412K | A   | CAP CHIP 0402 100nF K 16V X7R         |  |
| C403  | 065G040210412K | A   | CAP CHIP 0402 100nF K 16V X7R         |  |
| C401  | 065G040210412K | A   | CAP CHIP 0402 100nF K 16V X7R         |  |
| C103  | 065G0402220 31 |     | CHIP 22PF 50V NPO                     |  |
| C102  | 065G0402220 31 |     | CHIP 22PF 50V NPO                     |  |
| C408  | 065G0402224 17 |     | NO-SUGGEST MLCC 0402 0.22UF Z 16V Y5V |  |
| C411  | 065G0402470 31 |     | MLCC 0402 CAP 47PF J 50V NPO          |  |
| C412  | 065G0402470 31 |     | MLCC 0402 CAP 47PF J 50V NPO          |  |
| C113  | 065G0402473 12 |     | CHIP 0.047uF 16V X7R                  |  |
| C110  | 065G0402473 12 |     | CHIP 0.047uF 16V X7R                  |  |
| C109  | 065G0402473 12 |     | CHIP 0.047uF 16V X7R                  |  |
| C107  | 065G0402473 12 |     | CHIP 0.047uF 16V X7R                  |  |
| C105  | 065G0402473 12 |     | CHIP 0.047uF 16V X7R                  |  |
| C101  | 065G0402473 12 |     | CHIP 0.047uF 16V X7R                  |  |
| C104  | 065G0402509 31 |     | CHIP 5pF 50V NPO                      |  |
| C108  | 065G0402509 31 |     | CHIP 5pF 50V NPO                      |  |
| C111  | 065G0402509 31 |     | CHIP 5pF 50V NPO                      |  |
| FB402 | 071G 56K121    | M   | CHIP BEAD 120OHM 6A MGLB2012-120T-LF  |  |
| FB401 | 071G 56V301    | B   | CHIP BEAD 0805 300OHM BULLWILL        |  |
| FB103 | 071G 59K190    | B   | 19 OHM BEAD                           |  |
| FB102 | 071G 59K190    | B   | 19 OHM BEAD                           |  |
| FB101 | 071G 59K190    | B   | 19 OHM BEAD                           |  |
| ZD103 | 093G 39GA01    | T   | RLZ5.6B                               |  |
| ZD104 | 093G 39GA01    | T   | RLZ5.6B                               |  |
|       | 715G3244 1     |     | MAIN BOARD PCB                        |  |
| C433  | 065G0402105 A5 |     | NO-SUGGEST CAP 0402 1UF K 10V X5R     |  |
| R482  | 061G0402000    |     | RST CHIP MAX 0R05 1/16W               |  |
| R483  | 061G0402000    |     | RST CHIP MAX 0R05 1/16W               |  |
| FB405 | 071G 56G151    | A   | CHIP BEAD 150 OHM                     |  |
| D403  | 093G 64 42     | P   | BAV70 SOT23 BY PAN JIT                |  |
| U405  | 056G1133 34    |     | M24C02-WMN6TP                         |  |
| Q407  | 057G 417518    |     | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC |  |
| R485  | 061G0402000    |     | RST CHIP MAX 0R05 1/16W               |  |
| R472  | 061G0402472    |     | RST CHIPR 4.7 KOHM +-5% 1/16W         |  |
| R473  | 061G0402472    |     | RST CHIPR 4.7 KOHM +-5% 1/16W         |  |
| R474  | 061G0402472    |     | RST CHIPR 4.7 KOHM +-5% 1/16W         |  |
| R123  | 061G0402472    |     | RST CHIPR 4.7 KOHM +-5% 1/16W         |  |
| C434  | 065G0402224 17 |     | NO-SUGGEST MLCC 0402 0.22UF Z 16V Y5V |  |
| R475  | 061G0402470    |     | RST CHIPR 47 OHM +-5% 1/16W           |  |
| R476  | 061G0402470    |     | RST CHIPR 47 OHM +-5% 1/16W           |  |
| R418  | 061G0402101    |     | RST CHIPR 100 OHM +-5% 1/16W          |  |
| R419  | 061G0402101    |     | RST CHIPR 100 OHM +-5% 1/16W          |  |
| R447  | 061G0402103    |     | RST CHIPR 10 KOHM +-5% 1/16W          |  |
| Q408  | 057G 417518    |     | TRA LMBT3904LT1G 200mA/40V SOT-23 LRC |  |
| R448  | 061G0402472    |     | RST CHIPR 4.7 KOHM +-5% 1/16W         |  |
| CN001 | 033G8034 6H    | H X | WAFER 1.0mm SMT 6P                    |  |
| U001  | 056G 669 10    |     | IC CG7246AM QFN-16(COL)               |  |
| R012  | 061G0603000    |     | RST CHIP MAX 0R05 1/10W               |  |
| R009  | 061G0603000    |     | RST CHIP MAX 0R05 1/10W               |  |
| R008  | 061G0603000    |     | RST CHIP MAX 0R05 1/10W               |  |
| R001  | 061G0603000    |     | RST CHIP MAX 0R05 1/10W               |  |
| R002  | 061G0603101    |     | RST CHIPR 100 OHM +-5% 1/10W          |  |
| R005  | 061G0603561    |     | RST CHIPR 560 OHM +-5% 1/10W          |  |
| R006  | 061G0603561    |     | RST CHIPR 560 OHM +-5% 1/10W          |  |
| R007  | 061G0603561    |     | RST CHIPR 560 OHM +-5% 1/10W          |  |
| R004  | 061G0603561    |     | RST CHIPR 560 OHM +-5% 1/10W          |  |
| C001  | 065G0603102 31 |     | CHIP 1000PF 50V NPO                   |  |



|        |                |  |  |
|--------|----------------|--|--|
| C002   | 065G0603225 A5 | CHIP 2.2uF 10V X5R                       |  |
| LED001 | 081G15BY 2 GP  | LED GPTD1204BOC1-A GP                    |  |
| ZD004  | 093G 39S 34 T  | UDZSNP5.6B ROHM                          |  |
| ZD005  | 093G 39S 34 T  | UDZSNP5.6B ROHM                          |  |
|        | 715G3371 2     | KEY BOARD PCB                            |  |
| Q901   | 057G 667924    | MOSFET SMK0965F                          |  |
| HS1    | 090G6064 1     | HEAT SINK                                |  |
|        | 0M1G 930 8120  | SCREW                                    |  |
| HS3    | 090G6084 1 GP  | HEAT SINK                                |  |
| D906   | 093G1506 2     | FMW-2156                                 |  |
|        | 0M1G 930 8120  | SCREW                                    |  |
| U901   | 056G 379128    | IC LD7576 GS SOP-8                       |  |
| U801   | 056G 379154    | IC AM9000ES SOIC-16                      |  |
| Q803   | 057G 763 92    | FET P8008HV 4A/80V SOP-8                 |  |
| R610   | 061G0603000    | RST CHIP MAX 0R05 1/10W                  |  |
| R816   | 061G0603100    | RST CHIPR 10 OHM +-5% 1/10W              |  |
| R815   | 061G0603100    | RST CHIPR 10 OHM +-5% 1/10W              |  |
| R814   | 061G0603100    | RST CHIPR 10 OHM +-5% 1/10W              |  |
| R928   | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W              |  |
| R920   | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W              |  |
| R907   | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W              |  |
| R918   | 061G0603100 2F | RST CHIPR 10K OHM +-1% 1/10W             |  |
| R809   | 061G0603100 3F | RST CHIPR 100 KOHM +-1% 1/10W            |  |
| R609   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R602   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R605   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R604   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R603   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R817   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R811   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R808   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R807   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R806   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R805   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R601   | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W             |  |
| R803   | 061G0603202    | RST CHIPR 2 KOHM +-5% 1/10W              |  |
| R804   | 061G0603202    | RST CHIPR 2 KOHM +-5% 1/10W              |  |
| R810   | 061G0603203    | RST CHIPR 20 KOHM +-5% 1/10W             |  |
| R925   | 061G0603243 1F | NO-SUGGEST RST CHIPR 2.43 KOHM +-1% 1/10 |  |
| R607   | 061G0603270 2F | RST CHIPR 27 KOHM +-1% 1/10W             |  |
| R606   | 061G0603270 2F | RST CHIPR 27 KOHM +-1% 1/10W             |  |
| R812   | 061G0603339    | RST CHIPR 3.3 OHM +-5% 1/10W             |  |
| R813   | 061G0603339    | RST CHIPR 3.3 OHM +-5% 1/10W             |  |
| R916   | 061G0603365 1F | RST CHIPR 3.65 KOHM +-1% 1/10W           |  |
| R801   | 061G06034120FF | RST CHIPR 412 OHM +-1% 1/10W FENGHUA     |  |
| R802   | 061G06034120FF | RST CHIPR 412 OHM +-1% 1/10W FENGHUA     |  |
| R905   | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W             |  |
| R608   | 061G0805000    | RST CHIP MAX 0R05 1/8W                   |  |
| R919   | 061G0805151    | RST CHIPR 150 OHM +-5% 1/8W              |  |
| RJ801  | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| F801   | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| RJ802  | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| RJ803  | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| RJ804  | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| RJ805  | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| RJ806  | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| RJ807  | 061G1206000    | RST CHIP MAX 0R05 1/4W                   |  |
| R903   | 061G1206101    | NO-SUGGEST RST CHIPR 100 OHM +-5% 1/4W   |  |
| R909   | 061G1206101    | NO-SUGGEST RST CHIPR 100 OHM +-5% 1/4W   |  |
| R910   | 061G1206101    | NO-SUGGEST RST CHIPR 100 OHM +-5% 1/4W   |  |

|       |                   |  |  |
|-------|-------------------|--|--|
| R912  | 061G1206101       | NO-SUGGEST RST CHIPR 100 OHM +-5% 1/4W   |  |
| R929  | 061G1206101       | NO-SUGGEST RST CHIPR 100 OHM +-5% 1/4W   |  |
| R930  | 061G1206101       | NO-SUGGEST RST CHIPR 100 OHM +-5% 1/4W   |  |
| R908  | 061G1206103       | NO-SUGGEST RST CHIPR 10 KOHM +-5% 1/4W   |  |
| R913  | 061G1206159       | NO-SUGGEST RST CHIPR 1.5 OHM +-5% 1/4W   |  |
| R917  | 061G1206220       | RST CHIPR 22 OHM +-5% 1/4W               |  |
| R923  | 061G1206221       | NO-SUGGEST RST CHIPR 220 OHM +-5% 1/4W   |  |
| R914  | 061G1206432 2F    | NO-SUGGEST RST CHIPR 43.2 KOHM +-1% 1/4W |  |
| R900  | 061G1206624       | NO-SUGGEST RST CHIPR 620 KOHM +-5% 1/4W  |  |
| R901  | 061G1206624       | NO-SUGGEST RST CHIPR 620 KOHM +-5% 1/4W  |  |
| R902  | 061G1206624       | NO-SUGGEST RST CHIPR 620 KOHM +-5% 1/4W  |  |
| C611  | 065G0603101 31    | CER1 0603 NP0 50V 100P PM5 R             |  |
| C610  | 065G0603101 31    | CER1 0603 NP0 50V 100P PM5 R             |  |
| C923  | 065G0603102 32    | 1000PF +-10% 50V X7R                     |  |
| C810  | 065G0603103 32    | CAP CHIP 0603 0.01UF K 50V X7R           |  |
| C915  | 065G0603103 32    | CAP CHIP 0603 0.01UF K 50V X7R           |  |
| C912  | 065G0603104 22    | CAP CHIP 0603 0.1UF K 25V X7R            |  |
| C924  | 065G0603104 22    | CAP CHIP 0603 0.1UF K 25V X7R            |  |
| C926  | 065G0603104 22    | CAP CHIP 0603 0.1UF K 25V X7R            |  |
| C613  | 065G0603104 22    | CAP CHIP 0603 0.1UF K 25V X7R            |  |
| C612  | 065G0603104 22    | CAP CHIP 0603 0.1UF K 25V X7R            |  |
| C808  | 065G0603105 17    | 1UF 16V Y5V                              |  |
| C805  | 065G0603105 17    | 1UF 16V Y5V                              |  |
| C914  | 065G0603471 32    | CHIP 470PF 50V X7R                       |  |
| C601  | 065G0603474 12    | MLCC 0603 0.47UF K 16V X7R               |  |
| C602  | 065G0603474 12    | MLCC 0603 0.47UF K 16V X7R               |  |
| C603  | 065G0603474 12    | MLCC 0603 0.47UF K 16V X7R               |  |
| C606  | 065G0603474 12    | MLCC 0603 0.47UF K 16V X7R               |  |
| C809  | 065G0805102 32    | CHIP 1000P 50VX7R 0805                   |  |
| C815  | 065G0805104 32    | CAP CHIP 0805 0.1uF K 50V X7R            |  |
| C608  | 065G080510522K T  | CAP 0805 1UF 10% 25V X7R                 |  |
| C609  | 065G080510522K T  | CAP 0805 1UF 10% 25V X7R                 |  |
| C814  | 065G080510522K T  | CAP 0805 1UF 10% 25V X7R                 |  |
| C812  | 065G0805222 32    | NO-SUGGEST CAP CHIP 0805 2200PF 50V X7R  |  |
| C813  | 065G0805222 32    | NO-SUGGEST CAP CHIP 0805 2200PF 50V X7R  |  |
| C802  | 065G0805332 32    | 3300PF/50V/X7R                           |  |
| C804  | 065G0805332 32    | 3300PF/50V/X7R                           |  |
| C807  | 065G0805392 31    | CHIP 3900PF 50V X7R 0805                 |  |
| C806  | 065G0805473 32    | CHIP 0.047UF 50V X7R                     |  |
| C927  | 065G0805473 32    | CHIP 0.047UF 50V X7R                     |  |
| C916  | 065G1206102 72    | NO-SUGGEST CHIP 1000PF 500V X7R          |  |
| C917  | 065G1206102 72    | NO-SUGGEST CHIP 1000PF 500V X7R          |  |
| D803  | 093G 64 38 P      | BAW56                                    |  |
|       | PW9A21SHD1AI      | POWER BOARD FOR AI                       |  |
| C503  | 065G0603104 12    | CER2 0603 X7R 16V 100N P                 |  |
| C501  | 065G0603509 31    | CHIP 5PF +-0.5PF 50V NPO                 |  |
| C502  | 065G0603509 31    | CHIP 5PF +-0.5PF 50V NPO                 |  |
| FB501 | 071G 56K121 M     | CHIP BEAD 120OHM 6A MGLB2012-120T-LF     |  |
|       | 715G3501 2        | USB BOARD PCB                            |  |
| CN901 | 006G 31500        | EYELET                                   |  |
| U903  | 056G 158 10 T     | IC AS431AZTR-E1 TO-92 BY AAC             |  |
| Q904  | 057G 530503 T     | 2SD1207T                                 |  |
| R906  | 061G152M10452T SY | RST MOFR 100KOHM +-5% 2WS FUTABA         |  |
| R904  | 061G152M22152T    | RST MOF 220OHM 5% 2W                     |  |
| R924  | 061G152M39852T SY | RST MOFR 0.39 OHM +-5% 2WS FUTABA        |  |
| C911  | 065G 2K152 2T6921 | CAP CER 1500pF K 2KV Y5P                 |  |
| C913  | 067G215Y2207KT    | CAP 105°C 22UF M 50V KINGNICH            |  |
| FB602 | 071G 55 9 T       | FERRITE BEAD 3.5*6*0.8-T52               |  |
| FB901 | 071G 55 29        | FERRITE BEAD                             |  |
| F903  | 084G 56 4 B       | FUSE 4A 250V                             |  |

|       |                |  |  |
|-------|----------------|--|--|
| F901  | 084G 56 4W     | FUSE 4A 250V                           |  |
| F902  | 084G 56 4W     | FUSE 4A 250V                           |  |
| ZD901 | 093G 3916752T  | MTZJ T-72 16B                          |  |
| D903  | 093G 6026T52T  | RECTIFIER DIODE FR107                  |  |
| D904  | 093G 6038T52T  | FR103 AO                               |  |
| D907  | 093G 6452452T  | SWITCHING 1N4148-B4006 0.2A 100V DO-35 |  |
| J822  | 095G 90 23     | JUMPER WIRE                            |  |
| J808  | 095G 90 23     | JUMPER WIRE                            |  |
| J807  | 095G 90 23     | JUMPER WIRE                            |  |
| J806  | 095G 90 23     | JUMPER WIRE                            |  |
| J805  | 095G 90 23     | JUMPER WIRE                            |  |
| J901  | 095G 90 23     | JUMPER WIRE                            |  |
| J902  | 095G 90 23     | JUMPER WIRE                            |  |
| J903  | 095G 90 23     | JUMPER WIRE                            |  |
| J601  | 095G 90 23     | JUMPER WIRE                            |  |
| J602  | 095G 90 23     | JUMPER WIRE                            |  |
| J603  | 095G 90 23     | JUMPER WIRE                            |  |
| J604  | 095G 90 23     | JUMPER WIRE                            |  |
| J605  | 095G 90 23     | JUMPER WIRE                            |  |
| J606  | 095G 90 23     | JUMPER WIRE                            |  |
| J607  | 095G 90 23     | JUMPER WIRE                            |  |
| J921  | 095G 90 23     | JUMPER WIRE                            |  |
| J911  | 095G 90 23     | JUMPER WIRE                            |  |
| J909  | 095G 90 23     | JUMPER WIRE                            |  |
| J908  | 095G 90 23     | JUMPER WIRE                            |  |
| J907  | 095G 90 23     | JUMPER WIRE                            |  |
| J906  | 095G 90 23     | JUMPER WIRE                            |  |
| J905  | 095G 90 23     | JUMPER WIRE                            |  |
| J804  | 095G 90 23     | JUMPER WIRE                            |  |
| J803  | 095G 90 23     | JUMPER WIRE                            |  |
| J802  | 095G 90 23     | JUMPER WIRE                            |  |
| J801  | 095G 90 23     | JUMPER WIRE                            |  |
| J608  | 095G 90 23     | JUMPER WIRE                            |  |
|       | 709G2892 HA001 | CONSUMPTIVE ASS'Y                      |  |
|       | 715G2892 2 3   | POWER BOARD PCB                        |  |
|       | 095G 90 23     | JUMPER WIRE                            |  |

## 12. Different Parts List

2036S

| Diversity of TA9SMGNC6WA2QN compared with TA9SMGNK6WA2QN |                |                     |
|--|----------------|---------------------|
| Location   | Part No.       | Description         |
|  | 040G 581909 1A | PROTECT LABEL       |
|  | 052G 1185 1    | BIG TAPE            |
|  | 089G417A15N IS | POWER CORD          |
|  | Q07G 8 5 60    | COMPOUND PALLET     |
|  | Q40G 20N61530A | RATING LABEL        |
|  | 026G 800504 3  | BARCODE LABEL FOR 4 |

| Diversity of TA9SMGNQ6WA2QN compared with TA9SMGNK6WA2QN |                |                           |
|--|----------------|---------------------------|
| Location   | Part No.       | Description               |
|  | 052G6019 1     | INSULATING TAPE           |
|  | Q40G000267351A | SA SERVICE LABEL          |
|  | 041G780061513B | INPUT NOT SUPPORT CARD    |
|  | 041G780061518B | EASE PROGRAM              |
|  | 041G780061545B | WARRANTY BOOKLET          |
|  | Q41G780A61510A | WARRANTY CARD SA(SPANISH) |
|  | Q41G780A61511B | SA CENTER LIST            |
|  | Q45G 76 28 C R | PE BAG FOR MANUAL         |
|  | Q40G0001615 6A | BARCODE LABEL 58X48MM     |

| Diversity of TA9SMGNQ6WA3QN compared with TA9SMGNK6WA2QN |                |                           |
|--|----------------|---------------------------|
| Location   | Part No.       | Description               |
|  | 041G780061513B | INPUT NOT SUPPORT CARD    |
|  | 041G780061518B | EASE PROGRAM              |
|  | 041G780061545B | WARRANTY BOOKLET          |
|  | 052G6019 1     | INSULATING TAPE           |
|  | 089G416A15N IS | POWER CORD I-SHENG        |
|  | Q40G0001615 6A | BARCODE LABEL 58X48MM     |
|  | Q40G000267351A | SA SERVICE LABEL          |
|  | Q41G780A61510A | WARRANTY CARD SA(SPANISH) |
|  | Q41G780A61511B | SA CENTER LIST            |
|  | Q45G 76 28 C R | PE BAG FOR MANUAL         |

| Diversity of TA9SMGNQ6WA4QN compared with TA9SMGNK6WA2QN |                |                                |
|--|----------------|--------------------------------|
| Location   | Part No.       | Description                    |
|  | 041G780061513B | INPUT NOT SUPPORT CARD         |
|  | 041G780061518B | EASE PROGRAM                   |
|  | 041G780061545B | WARRANTY BOOKLET               |
|  | 089G408A15N IS | POWER CORD(WALL-OUT FOR ITALY) |
|  | Q40G0001615 6A | BARCODE LABEL 58X48MM          |
|  | Q40G000267351A | SA SERVICE LABEL               |
|  | Q41G780A61510A | WARRANTY CARD SA(SPANISH)      |
|  | Q41G780A61511B | SA CENTER LIST                 |
|  | Q45G 76 28 C R | PE BAG FOR MANUAL              |
|  | 052G6019 1     | INSULATING TAPE                |

| <b>Diversity of TA9SMGNP6WA5QN compared with TA9SMGNK6WA2QN</b> |                 |                        |
|---|-----------------|------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>     |
|   | 040G 459690 5A  | CARTON LABEL           |
|   | 041G780061513B  | INPUT NOT SUPPORT CARD |
|   | 041G780061518B  | EASE PROGRAM           |
|   | Q40G 20N61525A  | RATING LABEL           |
|   | Q41G7800615B69  | MEXICO CENTER LIST     |
|   | Q41G7800615C93  | WARRANTY CARD          |
|   | Q45G 76 28 C R  | PE BAG FOR MANUAL      |
|   | Q40G0001615 6A  | BARCODE LABEL 58X48MM  |

| <b>Diversity of TA9SMGNM6WSDQN compared with TA9SMGNK6WA2QN</b> |                 |                            |
|---|-----------------|----------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>         |
|   | 040G 58160811A  | GREEN DOT LABEL            |
|   | 089G410A15N IS  | POWER CORD WALL-OUT FOR UK |
|   | Q07G 8 5 60     | COMPOUND PALLET            |
|   | Q40G 20N61531A  | RATING LABEL               |
|   | Q26G 800504 2   | BARCODE LABEL FOR 3        |

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| <b>Diversity of TA9SMGNK6WA2UN compared with TA9SMGNC6WA2UN</b> |                 |                         |
|---|-----------------|-------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>      |
|   | 007G 1 L 63 X   | WOODEN PALLET           |
|   | 089G402A15N IS  | POWER CORD              |
|   | Q40G000267311A  | WINDOW VISTA LABEL      |
|   | Q52G 1185 99    | BIG CARTON TAPE FOR AOC |
|   | Q41G780A61593A  | EASE CARD               |
|   | Q41G780A61592A  | NA WARRANTY CARD        |
|   | 040G 581689 4A  | BARCODE LABEL FOR 1     |
|   | Q40G 20N61528A  | RATING LABEL            |
|   | Q40G0002615A72  | USB POP LABEL           |
|   | 089G 175 8 C    | USB CABLE A+B 1.8M      |
|   | 089G 17356C553  | AUDIO CABLE 1800MM      |

| <b>Diversity of TA9SMGNQ6WA2UN compared with TA9SMGNC6WA2UN</b> |                 |                           |
|---|-----------------|---------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>        |
|   | 007G 1 L 63 X   | WOODEN PALLET             |
|   | 052G6019 1      | INSULATING TAPE           |
|   | 089G 17356C553  | AUDIO CABLE 1800MM        |
|   | 089G 175 8 C    | USB CABLE A+B 1.8M        |
|   | 089G402A15N IS  | POWER CORD                |
|   | Q40G0002615A72  | USB POP LABEL             |
|   | Q40G000267311A  | WINDOW VISTA LABEL        |
|   | Q40G000267351A  | SA SERVICE LABEL          |
|   | Q52G 1185 99    | BIG CARTON TAPE FOR AOC   |
|   | 041G780061513B  | INPUT NOT SUPPORT CARD    |
|   | 041G780061518B  | EASE PROGRAM              |
|   | 041G780061545B  | WARRANTY BOOKLET          |
|   | Q41G780A61510A  | WARRANTY CARD SA(SPANISH) |
|   | Q41G780A61511B  | SA CENTER LIST            |
|   | Q45G 76 28 C R  | PE BAG FOR MANUAL         |
|   | Q26G 800504 2   | BARCODE LABEL FOR 3       |
|   | Q40G 20N61528A  | RATING LABEL              |

| <b>Diversity of TA9SMGNQ6WA3UN compared with TA9SMGNC6WA2UN</b> |                 |                           |
|---|-----------------|---------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>        |
|   | 007G 1 L 63 X   | WOODEN PALLET             |
|   | 089G416A15N IS  | POWER CORD I-SHENG        |
|   | Q40G000267311A  | WINDOW VISTA LABEL        |
|   | Q40G000267351A  | SA SERVICE LABEL          |
|   | Q52G 1185 99    | BIG CARTON TAPE FOR AOC   |
|   | 041G780061545B  | WARRANTY BOOKLET          |
|   | Q45G 76 28 C R  | PE BAG FOR MANUAL         |
|   | Q26G 800504 2   | BARCODE LABEL FOR 3       |
|   | Q40G 20N61528A  | RATING LABEL              |
|   | Q40G0002615A72  | USB POP LABEL             |
|   | 041G780061513B  | INPUT NOT SUPPORT CARD    |
|   | 041G780061518B  | EASE PROGRAM              |
|   | Q41G780A61510A  | WARRANTY CARD SA(SPANISH) |
|   | Q41G780A61511B  | SA CENTER LIST            |
|   | 089G 175 8 C    | USB CABLE A+B 1.8M        |
|   | 089G 17356C553  | AUDIO CABLE 1800MM        |
|   | 052G6019 1      | INSULATING TAPE           |

| <b>Diversity of TA9SMGNQ6WA4UN compared with TA9SMGNC6WA2UN</b> |                 |                                |
|---|-----------------|--------------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>             |
|   | 007G 1 L 63 X   | WOODEN PALLET                  |
|   | 089G408A15N IS  | POWER CORD(WALL-OUT FOR ITALY) |
|   | Q26G 800504 2   | BARCODE LABEL FOR 3            |
|   | Q40G 20N61528A  | RATING LABEL                   |
|   | Q40G000267311A  | WINDOW VISTA LABEL             |
|   | Q40G000267351A  | SA SERVICE LABEL               |

|  |                |                           |
|--|----------------|---------------------------|
|  | Q52G 1185 99   | BIG CARTON TAPE FOR AOC   |
|  | Q45G 76 28 C R | PE BAG FOR MANUAL         |
|  | Q40G0002615A72 | USB POP LABEL             |
|  | 041G780061513B | INPUT NOT SUPPORT CARD    |
|  | 041G780061518B | EASE PROGRAM              |
|  | 041G780061545B | WARRANTY BOOKLET          |
|  | Q41G780A61510A | WARRANTY CARD SA(SPANISH) |
|  | Q41G780A61511B | SA CENTER LIST            |
|  | 089G 175 8 C   | USB CABLE A+B 1.8M        |
|  | 089G 17356C553 | AUDIO CABLE 1800MM        |
|  | 052G6019 1     | INSULATING TAPE           |

| <b>Diversity of TA9SMGNP6WA5UN compared with TA9SMGNC6WA2UN</b> |                 |                          |
|---|-----------------|--------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>       |
|   | 007G 1 L 63 X   | WOODEN PALLET            |
|   | 040G 459690 5A  | CARTON LABEL             |
|   | 089G402A15N IS  | POWER CORD               |
|   | Q40G000267311A  | WINDOW VISTA LABEL       |
|   | Q52G 1185 99    | BIG CARTON TAPE FOR AOC  |
|   | 041G780061513B  | INPUT NOT SUPPORT CARD   |
|   | 041G780061518B  | EASE PROGRAM             |
|   | Q41G7800615A69  | MEXICO CENTER LIST       |
|   | Q41G7800615B93  | WARRANTY CARD FOR MEXICO |
|   | Q45G 76 28 C R  | PE BAG FOR MANUAL        |
|   | Q26G 800504 2   | BARCODE LABEL FOR 3      |
|   | Q40G 20N61527A  | RATING LABEL             |
|   | Q40G0002615A72  | USB POP LABEL            |
|   | 089G 175 8 C    | USB CABLE A+B 1.8M       |
|   | 089G 17356C553  | AUDIO CABLE 1800MM       |

| <b>Diversity of TA9SMGNB6WA5UN compared with TA9SMGNC6WA2UN</b> |                 |                         |
|---|-----------------|-------------------------|
| <b>Location</b>   | <b>Part No.</b> | <b>Description</b>      |
|   | 045G 77501      | BARCODE RIBBON          |
|   | 089G404A15N IS  | POWER CORD              |
|   | Q40G 20N61532A  | RATING LABEL            |
|   | Q40G0002615A72  | USB POP LABEL           |
|   | Q40G000267311A  | WINDOW VISTA LABEL      |
|   | Q44G9003100     | CONNER PAPER            |
|   | Q44G9003115     | CONNER PAPER            |
|   | Q44GA068615 3A  | 20 LCD AOC CARTON       |
|   | Q44GSLIP10069A  | PLASTIC SHLIPSHEET      |
|   | Q52G 1185 99    | BIG CARTON TAPE FOR AOC |
|   | 089G 17356C553  | AUDIO CABLE 1800MM      |
|   | 040G 581689 4A  | BARCODE LABEL FOR 1     |