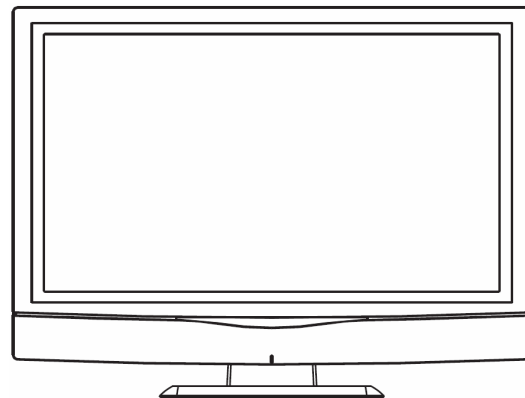


Service  
Service  
Service



# Service Manual

Horizontal Frequency  
31.5- 49 KHz

## TABLE OF CONTENTS

| Description                                 | Page | Description            | Page |
|---------------------------------------------|------|------------------------|------|
| Table of Contents.....                      | 1    | 7. PCB Layout .....    | 27   |
| Revision List.....                          | 2    | 7.1. Main Board.....   | 27   |
| Important Safety Notice.....                | 3    | 7.2. Power Board.....  | 31   |
| 1. General Specification.....               | 4    | 7.3. Tuner Board.....  | 34   |
| 2. Operating Instructions.....              | 6    | 7.4. Audio Board.....  | 35   |
| 2.1. The Use of Remote Control.....         | 6    | 7.5. Key Board.....    | 36   |
| 2.2. To Use the Menu.....                   | 7    | 7.6. IR Board.....     | 36   |
| 2.3. Front Panel Control Knobs.....         | 13   | 8 Block Diagram.....   | 37   |
| 2.4. How to Connect.....                    | 13   | 9. Schematic.....      | 38   |
| 3. Input/Output Specification.....          | 17   | 9.1 Main Board.....    | 38   |
| 3.1. Input Signal Connector.....            | 17   | 9.2. Power Board.....  | 49   |
| 3.2. Factory Preset Display Modes.....      | 18   | 9.3. Tuner Board.....  | 50   |
| 4. White-Balance, Luminance Adjustment..... | 18   | 9.4. Audio Board.....  | 54   |
| 5. Mechanical Instructions.....             | 19   | 10. Exploded View..... | 55   |
| 6. Repair Flow Chart .....                  | 22   | 11. BOM List.....      | 56   |

## 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

[illegible]

## 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 might 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 radiations 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. General Specification

|              |                                  |                                                          |                                 |
|--------------|----------------------------------|----------------------------------------------------------|---------------------------------|
| Feature      |                                  | 37" screen                                               |                                 |
|              |                                  | WXGA (1366 x768) Resolution                              |                                 |
|              |                                  | Built-in channel Tuner with MTS, SAP, Closed Caption     |                                 |
|              |                                  | PC Input                                                 |                                 |
|              |                                  | HDMI Input                                               |                                 |
| Item         |                                  | Specifications                                           |                                 |
| LCD Panel    | Screen Size                      | 37" TFT-LCD Panel                                        |                                 |
|              | Aspect Ratio                     | 16:9                                                     |                                 |
|              | Resolution                       | 1366 x 768 (WXGA)                                        |                                 |
|              | Display Area (opening) H x V     | 819.6mm x 460.8mm                                        |                                 |
|              | Pixel Pitch (sub pixel)          | 0.6 (H) x 0.6 (V)                                        |                                 |
|              | Display colors                   | 16.7million                                              |                                 |
|              | Lamp Type/Life                   | 16bulb/60000hr                                           |                                 |
|              | Color Temperature                | Cool/Warm                                                |                                 |
| TV Function  | TV Tuning System                 | NTSC 181 channel (PLL band) electronic adjustment system |                                 |
|              | Sound System                     | MTS + SAP                                                |                                 |
|              | Color systems                    | NTSC/PAL M/PAL N                                         |                                 |
| Video Inputs | AV1                              | RCA x 1                                                  | Audio Channel L/R x1            |
|              | AV2                              | RCA x1                                                   | Audio Channel L/R x1 (shared)   |
|              | S-VIDEO                          | S-Video x1                                               | Audio Channel L/R x1            |
|              | HDMI                             | HDMI x1                                                  | High Definition Media Interface |
|              | COMPONENT (480i/480p/720p/1080i) | Y, Pb, Pr x1                                             | Audio Channel L/R x1            |
| PC Input     | Signal Input                     | Analog: D-Sub 15 pin (detachable cable)                  |                                 |
|              | PnP Compatibility                | DDC 2B                                                   |                                 |
|              | Input Frequency                  | Analog: FH: 31.5 KHz to 49 KHz<br>FV: 56Hz to 75Hz       |                                 |
|              | Recommended                      | Analog: 1024 x768 (60Hz)                                 |                                 |
| Audio Output | Audio Output: L/R                | Speaker (built-in): 15Watts x2                           |                                 |
|              |                                  | Headphone Mini-jack for stereo (3.5ø)                    |                                 |
|              |                                  | Line Output (RCA L/R)                                    |                                 |
| OSD Language | English/Spanish/Portuguese       |                                                          |                                 |

**37" LCD TV****Hyundai HLCD-37XT**

|              |                                                                                                  |                       |
|--------------|--------------------------------------------------------------------------------------------------|-----------------------|
| Power        | Power Input                                                                                      | AC 100V~240V, 50/60Hz |
|              | Power Consumption                                                                                | <200W                 |
| Environment  | Operating temp                                                                                   | + 0 °C ~ + 40 °C      |
|              | Storage temp                                                                                     | - 10 °C ~ + 60 °C     |
|              | Operating Humidity                                                                               | 10%~85%               |
|              | Forwards/Backwards/Rotation                                                                      | -5° / +20° / ±35°     |
| Dimension    | W x H x D (with stand)                                                                           | 951 x 694 x 288 (mm)  |
| Weight (net) | Kg (W/O Accessories)                                                                             | 23Kg                  |
| Accessories  | Remote Controller, Batteries (x2), AC Power Cord, D-sub Signal Cable, Audio Cable, User's Manual |                       |

## 2. Operations Instructions

### 2.1 The use of Remote Control

#### POWER

Press to turn on/off the TV.

#### VIDEO

To select the input source of AV1/AV2/S-VIDEO.

#### 0~9/100 Digit buttons

To select a TV channel.

#### CH

Press + or - to browse through the TV channels which are not erased.

#### VOL

Press + or - to adjust the volume.

#### HDMI

Select your input source to **HDMI**.

#### SLEEP

With this key you can set a time period after which the TV should switch itself to standby. Press the key repeatedly to select the number of Minutes. The counter runs from 15, 30, 45, 60, 90, 120 minutes.

#### COMP

Select your input source to Component or HDMI.

#### EFFECT

You can choose your Preferred mode of CUSTOM, STEREO, NEWS, MOVIE, MUSIC, BBE ViVA.



#### MENU

Press repeatedly to display OSD menu.

#### < > button

use this button to confirm selection or adjust the desired parameter; otherwise, to increase/decrease the volume.

#### OK

Press the button to confirm selection.

#### MUTE

Temporarily interrupt the sound or restore it.

#### DISPLAY

(1) Display Channel number when use RF input.  
(2) Display input source when use other input except TV RF input.

#### MTS/SAP

Press this key can select the audio system.

#### PRE-CH

To display the previously selected TV channel.

#### TV

Select your input source to TV.

#### ZOOM

Includes 6 modes: Press repeatedly to select 4:3 / 16:9 / 16:9 Cinema / 16:9 Subtitle / Dyn Expand / FILL ALL.

#### V-CHIP

To select the V-CHIP function. (Have no V-CHIP function)

#### CC

To select the closed caption function.

#### INPUT

Press this button to display selected source, press ▲ ▼ button to select TV > AV1 > AV2 > S-VIDEO > COMPONENT > VGA > HDMI.

#### ▲ ▼ button

When in menu mode, use this button to select to the up/down; otherwise, to change TV channels.

## 2.2 To Use the Menu

1. Press the **MENU** button to display each menu.
2. Use the cursor up/down to select a menu item.
3. User the cursor left/right to enter a submenu or enable/disable the function
4. Press the **MENU** button to exit the menu.

### MAIN MENU

### SOURCE SELECT

Press the **INPUT** key on remote control or **SOURCE** key on keyboard to select source:

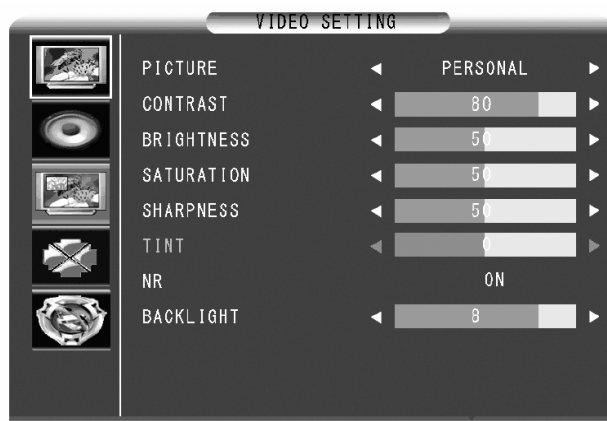
TV>AV1>AV2>S-VIDEO>COMPONENT>VGA>HDMI



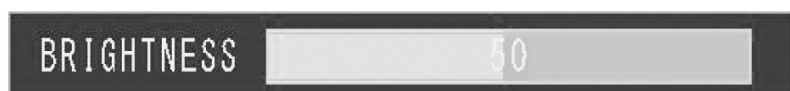
### Menu screen in TV mode:

Press the **MENU** button to enter into the OSD MENU in TV mode. Items adjustable include: VIDEO SETTING, SOUND SETTING, OPTIONS SETTING, and CHANNEL SETTING.

### VIDEO SETTING:



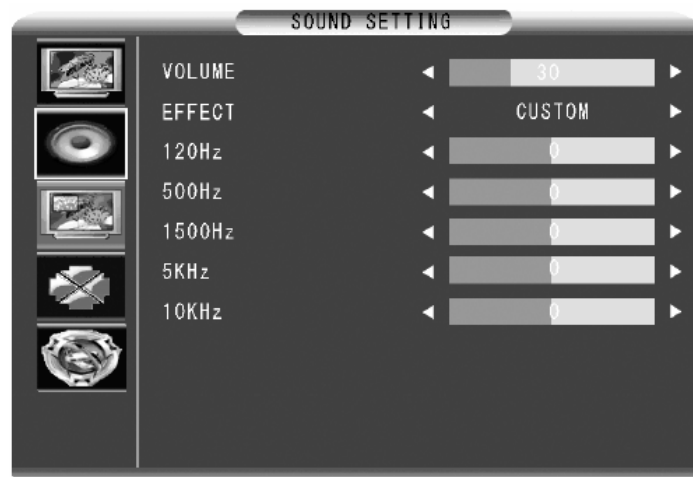
1. **PICTURE:** User can select PERSONAL, VIVID, STANDARD, MILD, if selected except PERSONAL item, Contrast, Brightness, Saturation, Sharpness, NR, Backlight can't adjust.
2. **CONTRAST:** Adjust black and white level, suitable contrast can make picture more lightly. Adjustment range is from 0 to 100.
3. **BRIGHTNESS:** Adjust background brightness, user can collocation it with contrast adjustment range is from 0 to 100.



When adjust any item sub-OSD will show up like this.

4. **SATURATION:** Adjust color saturation, range is from 0 to 100.
5. **SHARPNESS:** Adjustment picture sharpness, range is from 0 to 100.
6. **NR:** When the signal is poor, you can turn on the noise reduction function.
7. **BACKLIGHT:** The adjustment range of Black Level is from 0 to 10, you can adjust contrast, brightness, saturation, sharpness to your prefer level.

## SOUND SETTING



1. **VOLUME:** The Volume adjustment range is from 0 to 100. You can adjust the volume of the picture to the level you prefer.



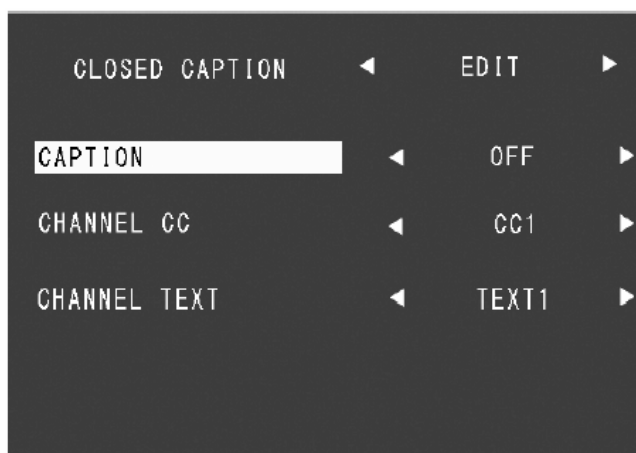
2. **EFFECT:** You can choose your prefer mode of CUSTOM, STEREO, NEWS, MOVIE, MUSIC, BBE VIVA.
3. **120Hz, 500Hz, 1500Hz, 5 KHz, 10KHz.** Choose the prefer frequency to increase or decrease.

## OPTIONS SETTING:



1. **MENU LANGUAGE:** This indicates the different languages available for the OSD menu, including English, Spanish and Portuguese. The default is English.
2. **MENU TIMEOUT:** OSD stay timer.
3. **MENU BACKGROUND:** User can select opaque or transparency with menu background.
4. **SLEEP TIMER:** Use this button to set a time period after which the TV will enter into standby mode. The time period can be 0>15>30>45>60>90>120 minutes.  
The timer will begin to count down from the selected number of minutes after the OSD menu disappears.  
**Note:** To check the remaining time, press the SLEEP button. To cancel the sleep timing, press the SLEEP button repeatedly until 0 appears. If you turn off the TV after you set the sleep timing, the setting will be cleared. You will need to set it again.

5. **BLUE SCREEN:** When there is no signal input in TV, AV, S-Video and HDTV modes, the screen will become blue. If set to on, the screen will become blue. If set to off, the screen will display a snowy picture when in TV signal mode and become black in other signal modes. The default is on.
6. **CC:** You can enter to select the closed caption function.



7. **RESET:** Used to resume the TV's default settings.

### CHANNEL SETTING



1. **AIR/CABLE:** You can select the TV signal AIR or CABLE.
2. **AUTO SEARCH:** Used to scan all the TV channels and save to memory.

The TV's total number of channels is 125 (1-125). If you use the remote control to select a number out of the range of 1-125, it will automatically skip to the channel number you previously watched.

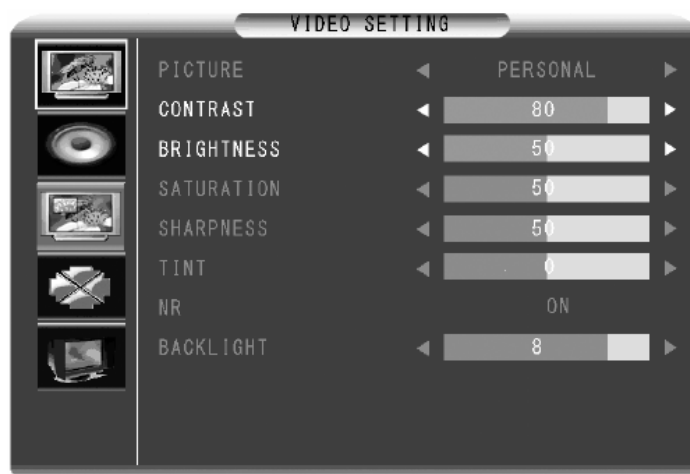
### Menu Screen in VGA mode:

The TV has a VGA analog interface, which can be switched using the INPUT button on the remote control.



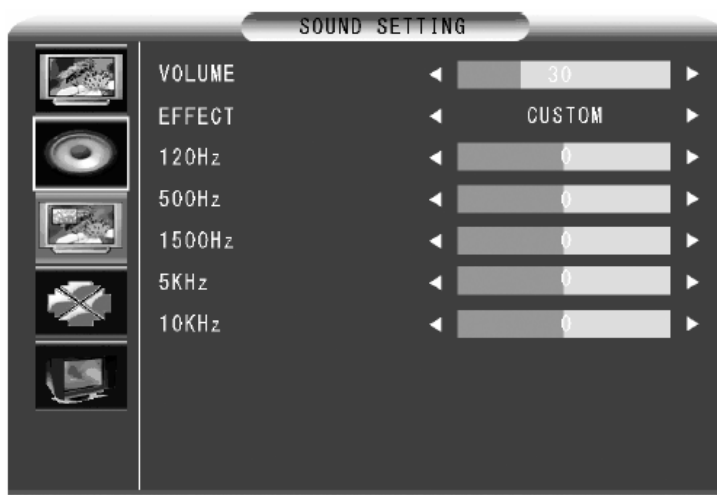
Press the MENU button to enter into the OSD Main Menu. Adjustable items include: VIDEO SETTING, SOUND SETTING, OPTIONS SETTING, and VGA SETTING.

### VIDEO SETTING



1. **CONTRAST:** Adjust black and white level, suitable contrast can make picture more lightly. Adjustment range is from 0 to 100.
2. **BRIGHTNESS:** Adjust background brightness, user can collocation it with contrast adjustment range is from 0 to 100.

### SOUND SETTING:



1. **VOLUME:** The Volume adjustment range is from 0 to 100. You can adjust the volume of the picture to the level you prefer.



2. **EFFECT:** You can choice your prefer mode of CUSTOM, STEREO, NEWS, MOVIE, MUSIC, BBE VIVA.
3. **120Hz, 500Hz, 1500Hz, 5 KHz, 10KHz.** Choice the prefer frequency to increase or decrease.

## OPTIONS SETTING:



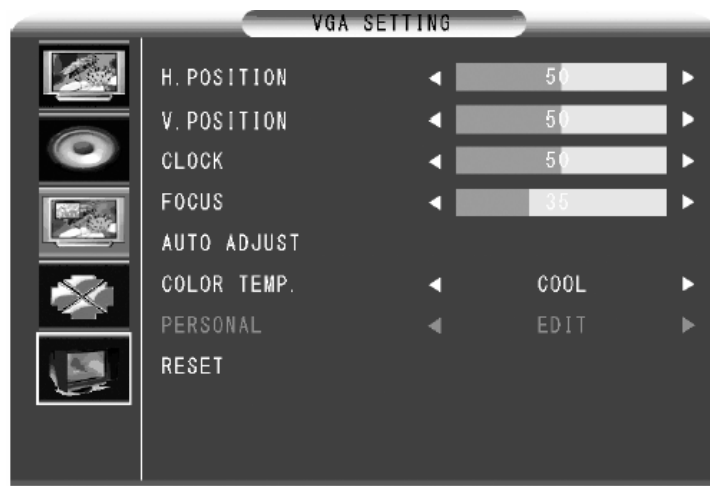
1. **MENU LANGUAGE:** This indicates the different languages available for the OSD menu, including Simplified English, Spanish and Portuguese. The default is English.
2. **MENU TIMEOUT:** OSD stay timer.
3. **MENU BACKGROUND:** User can select opaque or transparency with Menu Background.
4. **SLEEP TIMER:** Use this button to set a time period after which the TV will enter into standby mode. The time period can be 0>15>30>45>60>90>120 minutes.

The timer will begin to count down from the selected number of minutes after the OSD menu disappears.

**Note:** To check the remaining time, press the SLEEP button. To cancel the sleep timing, press the SLEEP button repeatedly until 0 appears. If you turn off the TV after you set the sleep timing, the setting will be cleared. You will need to set it again.

5. **BLUE SCREEN:** When there is no signal input in TV, AV, S-Video and HDTV modes, the screen will become blue. If set to on, the screen will become blue. If set to off, the screen will display a snowy picture when in TV signal mode and become black in other signal modes. The default is on.
6. **RESET:** Used to resume the TV's default settings.

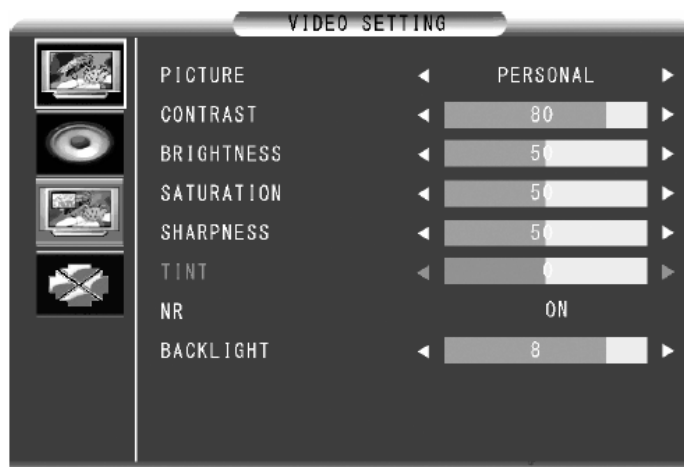
## VGA SETTING:



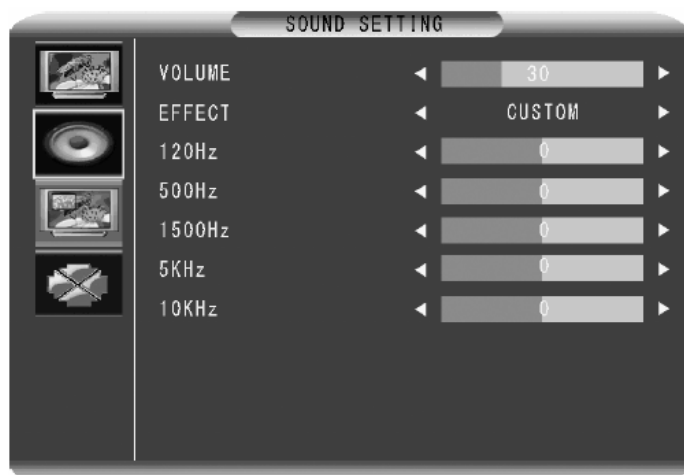
1. **Horizontal Position:** Change horizontal position on screen.
2. **Vertical Position:** Change vertical position on screen.
3. **Clock:** The function only in VGA mode.
4. **Focus:** Adjust A/D focus (the function only in VGA mode).
5. **Auto Tune:** Auto tune to a best status on screen (the function only in VGA mode).
6. **Color Temp:** According your preference to adjust color temperature, there are warm, cool, standard.
7. **Reset:** Recall defaulting.

**Menu Screen in AV1/AV2/S-VIDEO/COMPONENT/HDMI mode:**

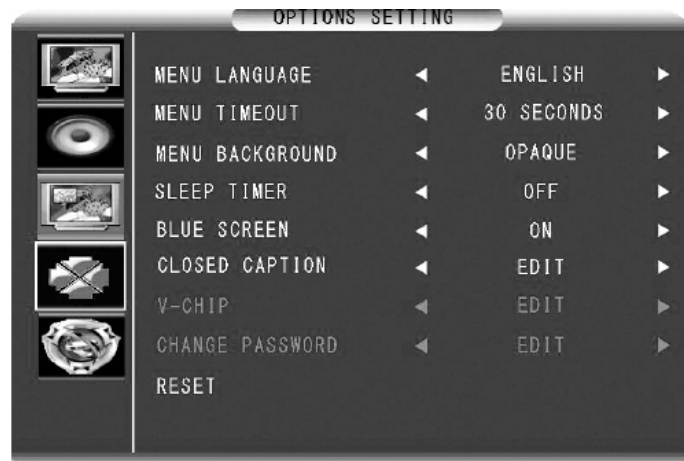
Press the menu button to enter into the OSD Menu in AV1/AV2/S-Video/COMPONENT/HDMI mode. Items adjustable include: **VIDEO SETTING SOUND SETTING, OPTIONS SETTING.**

**VIDEO SETTING:**

Adjusting is same as the VIDEO SETTING in TV mode.

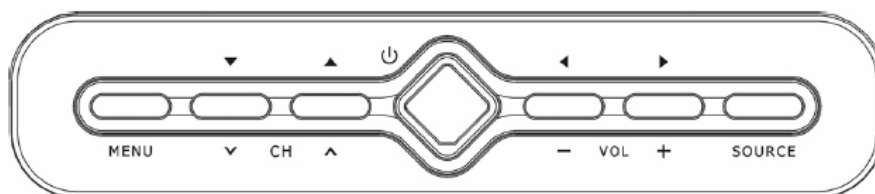
**SOUND SETTING**

Adjusting is same as the SOUND SETTING in TV mode.

**OPTION SETTING**

Adjusting is same as the OPTION SETTING in TV mode

## 2.3 Front Panel Control Knobs



: Press to turn the TV on or off.

**MENU Key:** Press to show the OSD menu and exit OSD menu at the TV.

**Down/Up key:** Press to select OSD function or change channel.

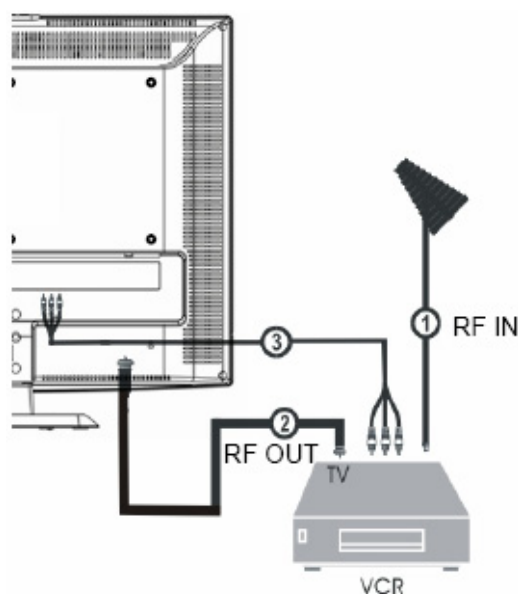
**-/+ Key:** Press to confirm your function selection and make adjustment

**Source Key:** Press to select your input source.

## 2.4 How to Connect

### VIDEO RECORDER

1. Connect the antenna or cable ① to the **RF IN** port of your VCR.
2. Connect another RF cable ② from the output RF of your VCR to the antenna input of your TV. Better quality when playing from your VCR can be obtained if you also connect the video, audio left and right (only for stereo equipment) cables ③ to the **VIDEO, AUDIO L** and **R** inputs **AV**.



If you are using mono equipment, connect only the **VIDEO** and the **AUDIO L** (Mono) ports.

#### If you are VCR has an S-VHS video jack:

For improved picture quality, connect an S-Video cable with the S-VIDEO input on the TV instead of connecting the VCR to the **VIDEO** port of **AV2**.

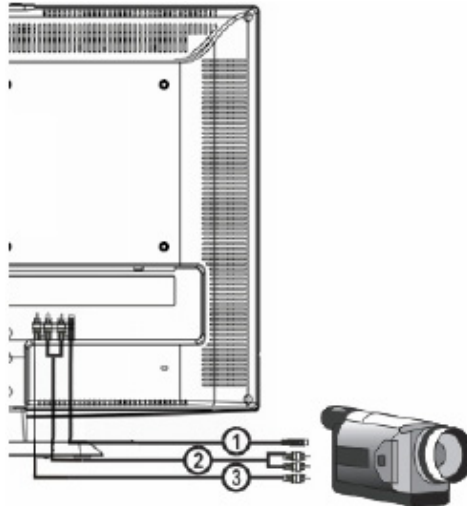
S-Video does not provide audio, audio cable must still be connected to provide sound (S-Video and AV2 has the same audio input port).

#### Watching VCR

1. If you use connection ②, select the TV channel 3 or 4.
2. If you use connection ③, select **VIDEO** or **S-VIDEO**.
3. Insert videotape in the VCR and press the **PLAY** button.

**CAMERA, CAMCORDER, VIDEO GAME SET...**

1. **Composite Video:** Connect your camera, camcorder, video game set... to audio port ② (audio L for mono) and Video port ③.
2. **S-Video Connection:** S-VHS quality with an S-VHS camcorder is obtained by connecting the S-VHS cable with the **S-VIDEO** input ① and **AUDIO** input ②

**How to use**

1. Select **VIDEO** or **S-VIDEO** input source
2. Turn on the external AV equipment.

**DVD PLAYER**

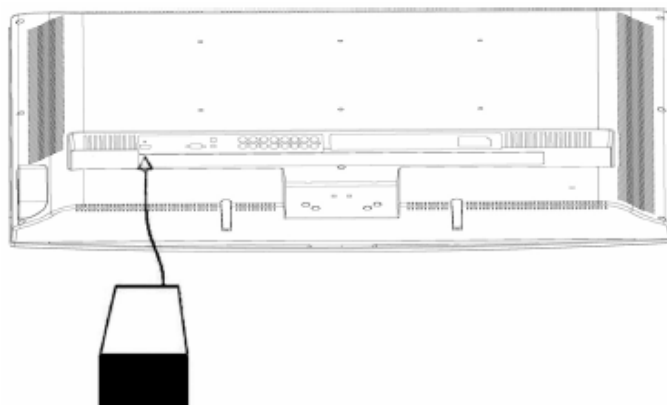
1. Connect the three separate component video cables ① to the DVD player's Pb and Pr ports and to the Y, Pb and Pr ports on the TV
2. Connect the audio cables ② to the DVD player's AUDIO L and R ports and to the L and R AUDIO AV ports on the TV.

**How to use**

1. Select **COMPONENT**
2. Turn on the DVD set.

**HDMI**

HDMI is the leading new standard for Digital video and audio interconnection. To the HDMI connector you can connect HDMI devices such as a Set Top Box or compatible DVD-R or DVD player with HDMI export, or DVI-equipped devices like a computer. So you can display high definition pictures on this TV in the digital form.



**How to use HDMI:**

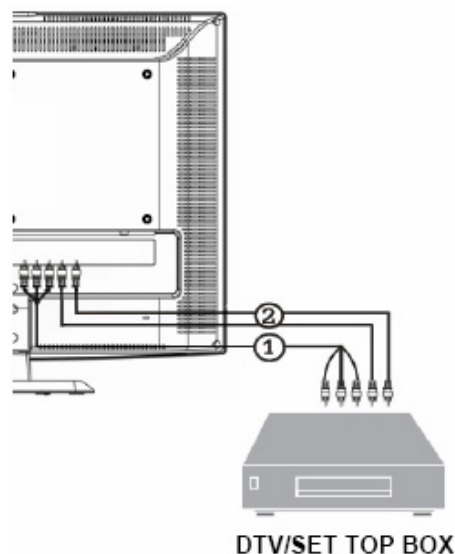
1. Connect one HDMI to the "HDMI" port and connect the other HDMI to device with HDMI export as left figure
2. Select the HDMI button in the Remote control see right figure)
3. The HDMI connectors allow the following TV and monitor display mod:  
SDTV 720x576i, 50Hz /720x480i 60Hz  
EDTV 720x576p 50Hz /640x480p 60Hz  
HDTV 1920x1080i 50/60Hz  
1280x720p 50/60Hz  
VGA 640x480 60Hz

**Notes:**

1. Your TV supports HDCP (High-bandwidth Digital Content Protection). This is a system for protecting DVD content outputted via DVI from being copied. It provides a secure digital link between a video source (DVD, PC, etc.) and your TV. Content is encrypted at the source device to prevent unauthorized copies from being made.
2. Digital devices from different manufacturers have the possibility of differing output standards which may cause difficulties for the television to properly display.
3. In case no signal is detected from your HDMI device, turn off the HDMI device and then on again.
4. To get an optimal viewing, it is advised to turn your DVD player to one of the following TV display standards:  
1280x720p 50Hz

**DIGITAL SET TOP BOX**

Connect DTV set top box RF output to TV Antenna input (TV channel set to CH3 or CH4). If your DTV set top box has component (Y, Pb, Pr) video ports, use them for better picture.

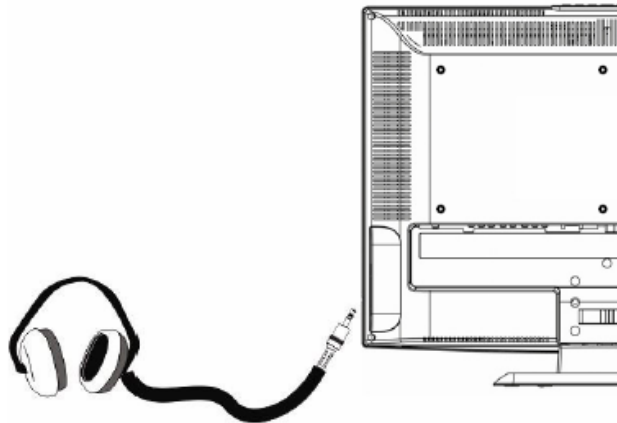
**How to connect component video:**

1. Connect the three separate component video cables ① to the DTV set-top box Y, Pb and Pr ports and to the Y, Pb and Pr ports on the TV.
2. Connect the audio cables ② to the DTV player's AUDIO L and R ports and to the L and R AUDIO AV ports on the TV.

**How to use**

1. Select COMPONENT.
2. Turn on the DTV set-top box set.

**Warning:** In case you notice scrolling images, wrong colors or no color, no picture or even combinations of these, on your screen, check if the connections are done in the right way. Check if the cable colors match with the Input connector colors.

**HEADPHONE**

1. The earphone jack is located at the rear corner of the TV.
2. The MUTE key on the remote control works on both internal speaker and the earphone.
3. Use volume key to adjust the volume.

Note: When a TV channel or external AV source is blocked because of a rating set via the Parental (V-Chip) control menu, the headphone will also be muted.

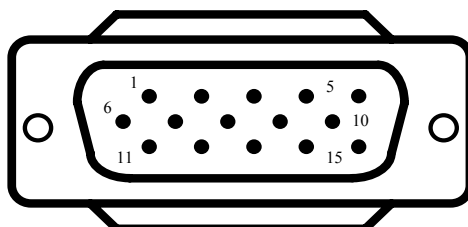
### 3. Input/Output Specification

#### 3.1 Input Signal connector

This procedure gives you instructions for installing and using the LCD TV display.

Lay the display on the desired operation and plug the power cord into a convenient AC outlet. Three-wire power cord must be shielded and is provided as a safety precaution as it connects the chassis and cabinet to the electrical conduct ground. If the AC outlet in your location does not have provisions for the grounded type plug, the installer should attach the proper adapter to ensure a safe ground potential.

Connect the 15-pin D-SUB color display shielded signal cable to your signal system device and lock both screws on the connector to ensure firm grounding. The connector information is as follow:



**15 - Pin Color Display Signal Cable**

| Pin No. | Description          |
|---------|----------------------|
| 1       | Red Video            |
| 2       | Green Video          |
| 3       | Blue Video           |
| 4       | TXD                  |
| 5       | Ground               |
| 6       | Red Ground           |
| 7       | Green Ground         |
| 8       | Blue Ground          |
| 9       | +5V                  |
| 10      | Ground               |
| 11      | RXD                  |
| 12      | Serial Data for DDC  |
| 13      | H-Sync.              |
| 14      | V-Sync.              |
| 15      | Serial Clock for DDC |

Apply power to the display by turning the power switch to the "ON" position and allow about ten seconds for Panel warm-up. The Power-On indicator lights "GREEN" when the display is on.

With proper signals feed to the display, a pattern or data should appear on the screen, adjust the brightness and contrast to the most pleasing display, or press auto-adjust to get the best picture-quality.

This TV (with PC function) has power saving function following the VESA DPMS. Be sure to connect the signal cable to the PC.

If your TV requires service, it must be returned with the power cord.

**3.2 Factory Preset Display Modes:**

| Dots × Lines | Vertical Frequency (Hz) | Horizontal Frequency (kHz) | Sync Polarity |          | Presence   |          | Screen Mode  |             |
|--------------|-------------------------|----------------------------|---------------|----------|------------|----------|--------------|-------------|
|              |                         |                            | Horizontal    | Vertical | Horizontal | Vertical | Normal (4:3) | FULL (16:9) |
| 720 x 400    | 70.1                    | 31.5                       | NEG           | POS      | YES        | YES      | YES          | NO          |
| 640 x 480    | 59.9                    | 31.5                       | NEG           | NEG      | YES        | YES      | YES          | NO          |
|              | 75.0                    | 37.5                       | NEG           | NEG      | YES        | YES      | YES          | NO          |
| 800 x 600    | 60.0                    | 37.9                       | POS           | POS      | YES        | YES      | YES          | NO          |
|              | 75.0                    | 46.87                      | POS           | POS      | YES        | YES      | YES          | NO          |
| 1024 x 768   | 60.0                    | 48.36                      | NEG           | NEG      | YES        | YES      | YES          | NO          |
| 1360 x 768   | 60.0                    | 47.36                      | POS           | NEG      | YES        | YES      | NO           | YES         |

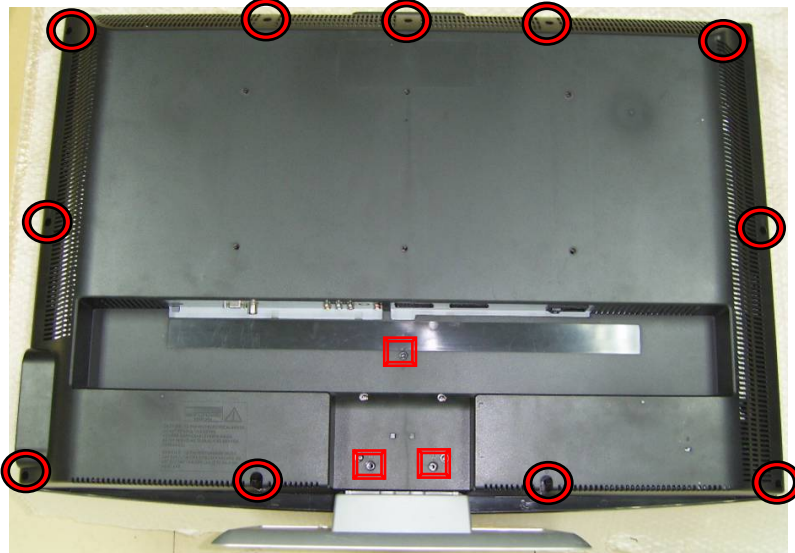
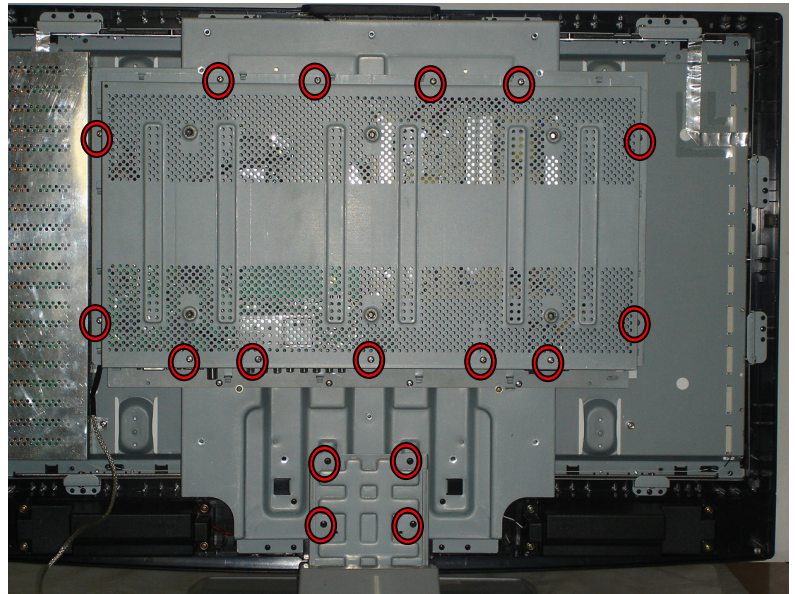
**4. White Balance, Luminance Adjustment**

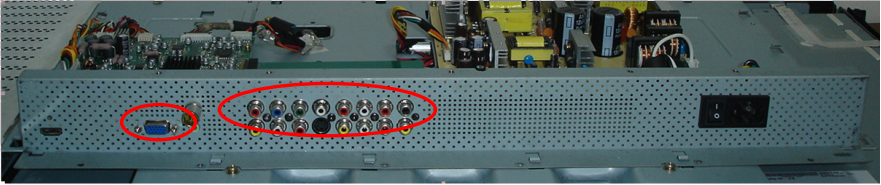
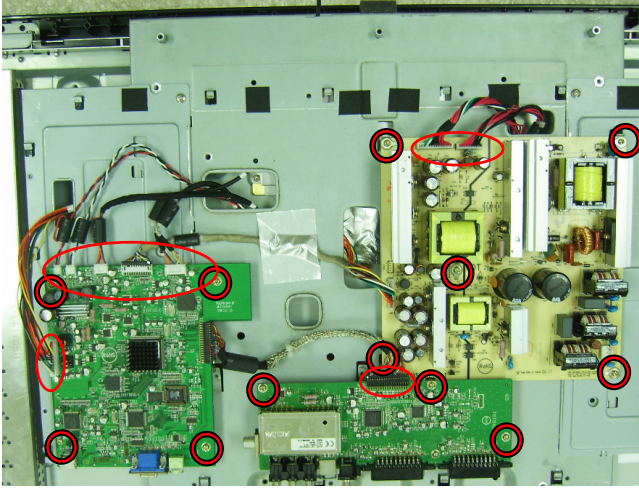
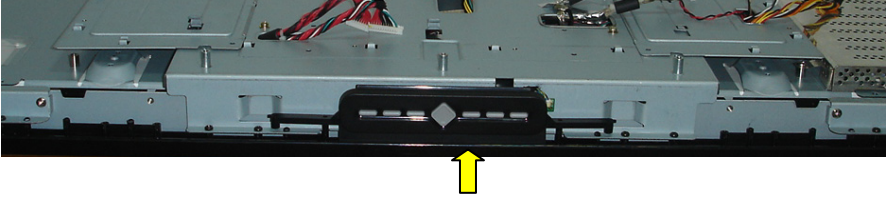
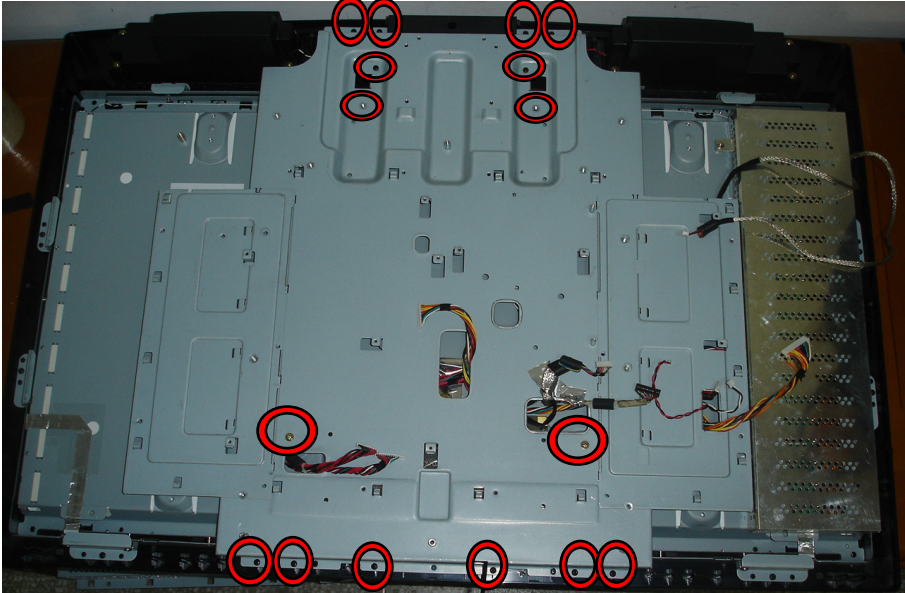
**It is not necessary to adjust the white balance of the TV.**

Into Factory mode

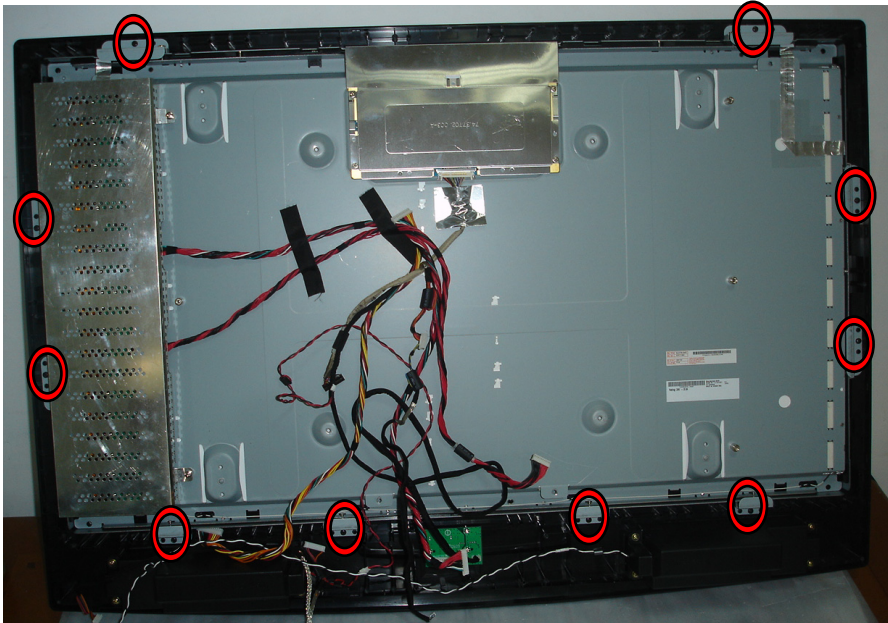
Press the MENU button, and then press Number key 1→9→9→9 into the factory mode.

5. Mechanical Instructions

| Step                        | Figure                                                                               | Description                                          |
|-----------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|
| Preparation                 |    | Lay the LCD-TV on a flat, soft and clean surface.    |
| Remove the rear cover       |   | Remove the fourteen screws to remove the rear cover. |
| Remove the shield and stand |  | Remove the 17 screws to remove the shield and stand  |

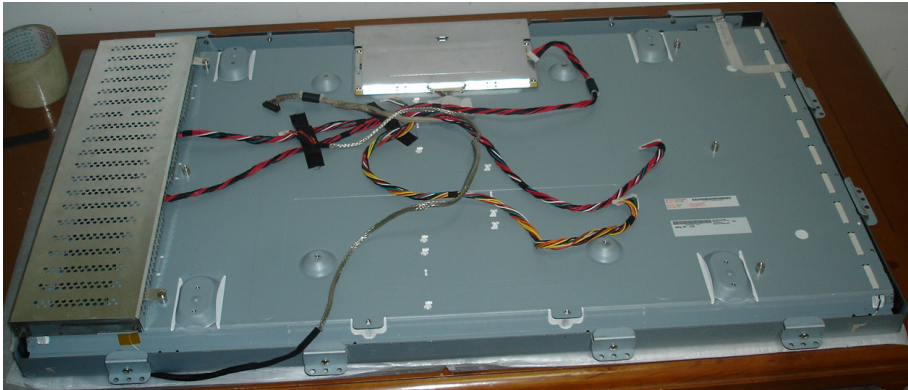
|                                     |                                                                                      |                                                |
|-------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------|
| Remove the shield                   |    | Remove the 8 screws to remove the shield.      |
| Remove the main board & power board |    | Remove the 12 screws and 9 interfaces.         |
| Remove the key pad                  |   | Remove the two screws to remove the key pad.   |
| Remove the main frame               |  | Remove the 16 screws to remove the main frame. |

Remove  
the bezel



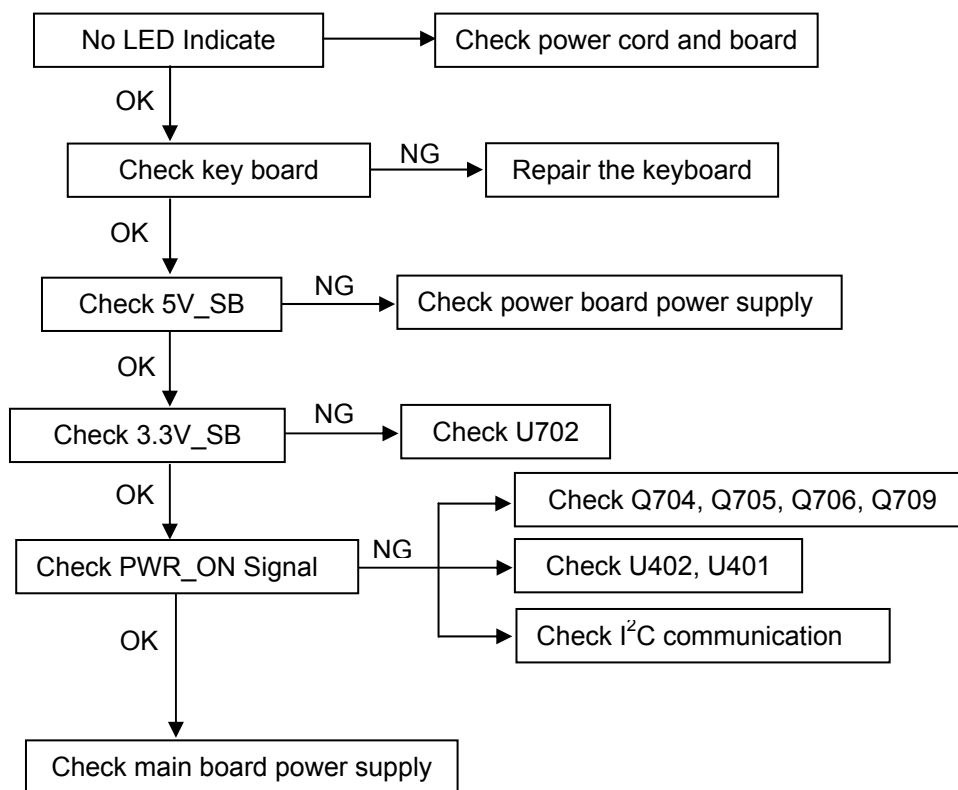
Remove the 10  
screws to  
remove the  
bezel.

The panel

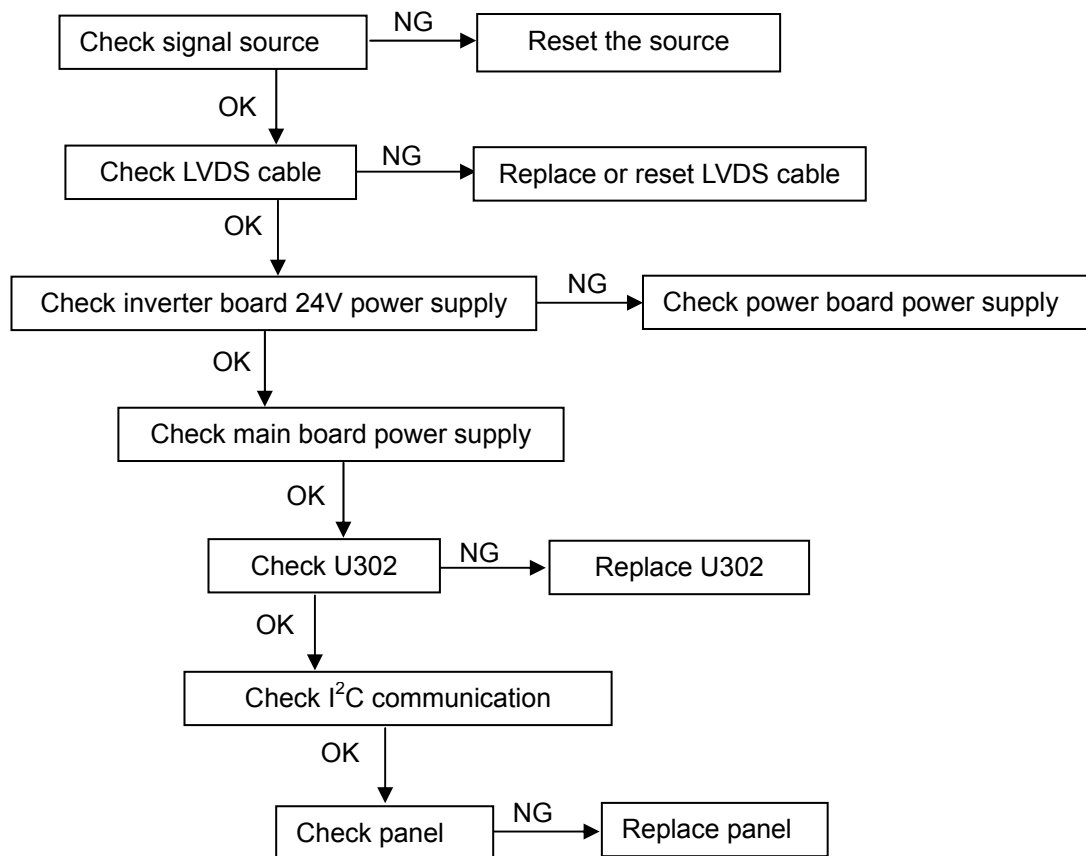


## 6. Repair Flow Chart

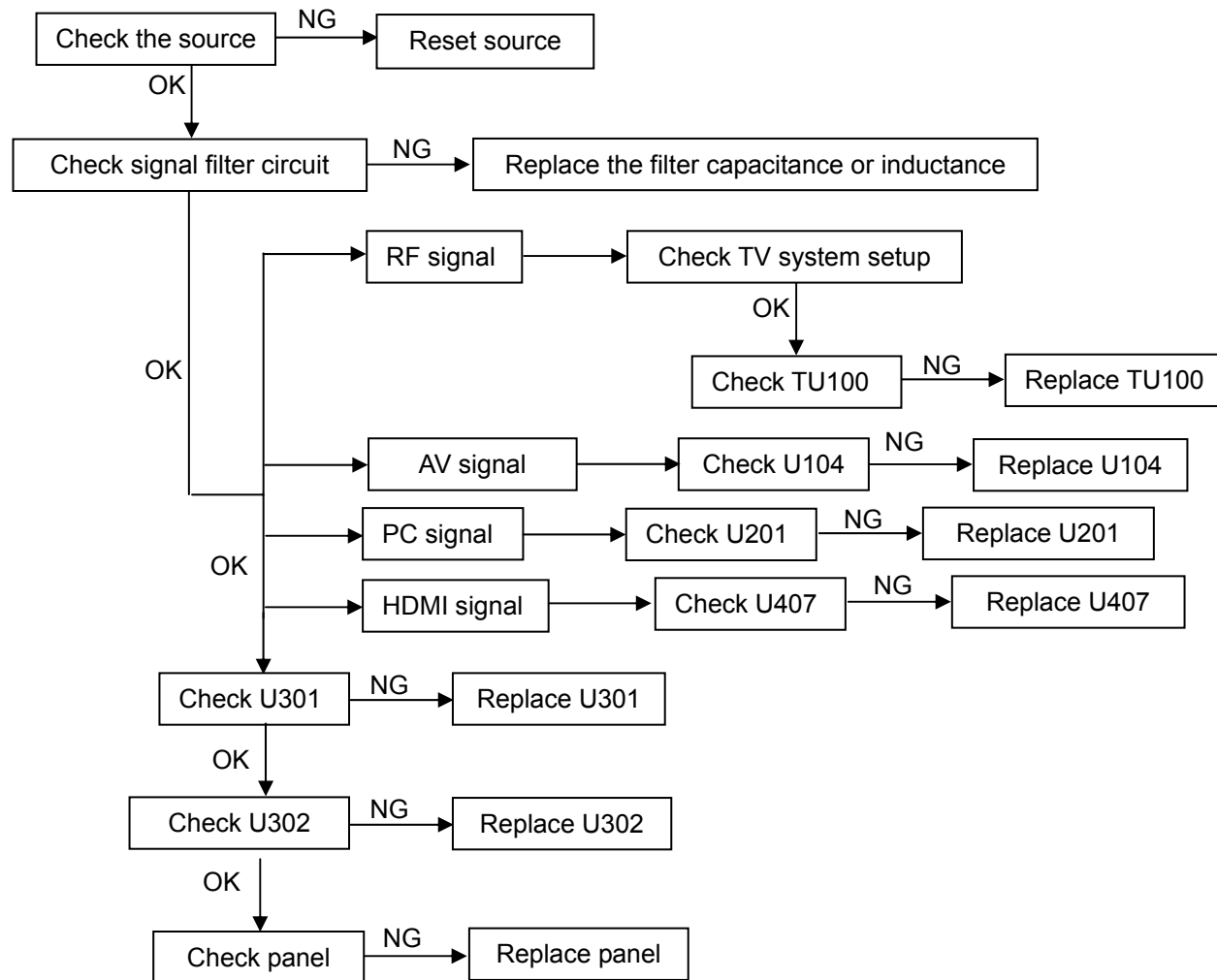
### 1. Can not start (LED indicator yellow)



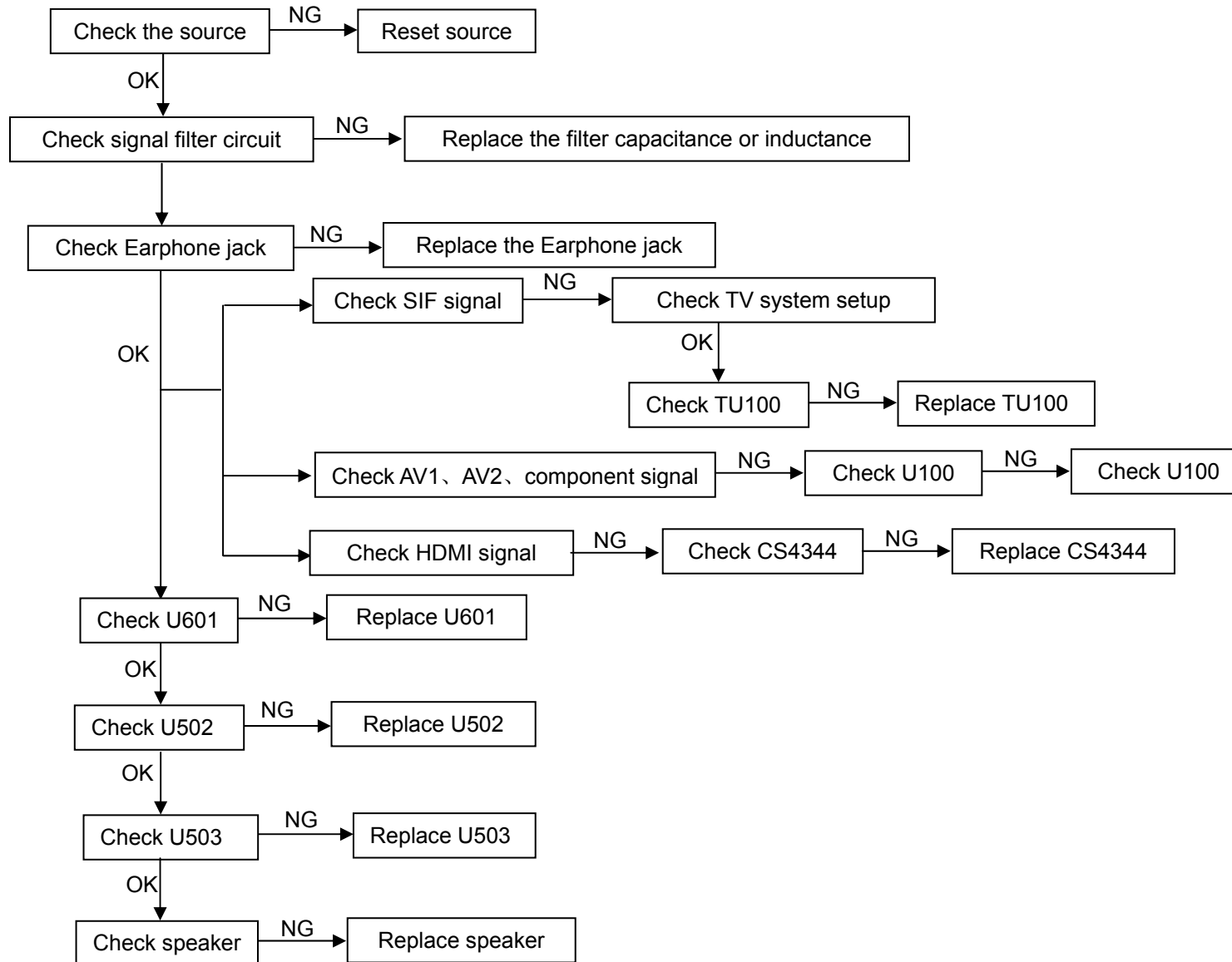
## 2. No Display (LED indicator green)

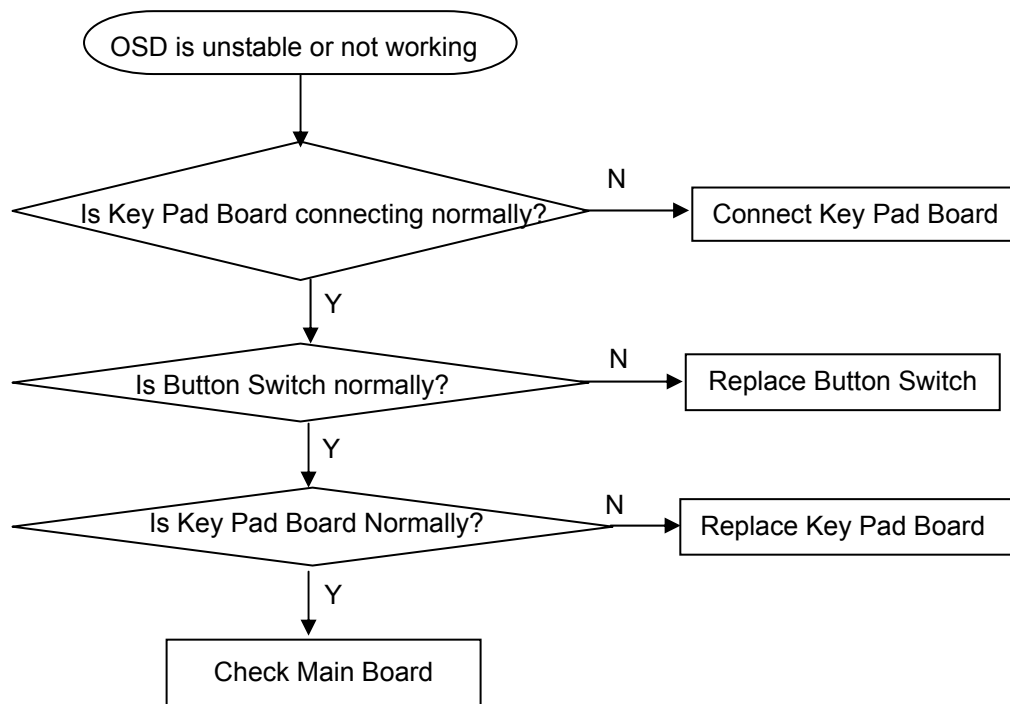


## 3. Abnormal Display



## 4. No sound

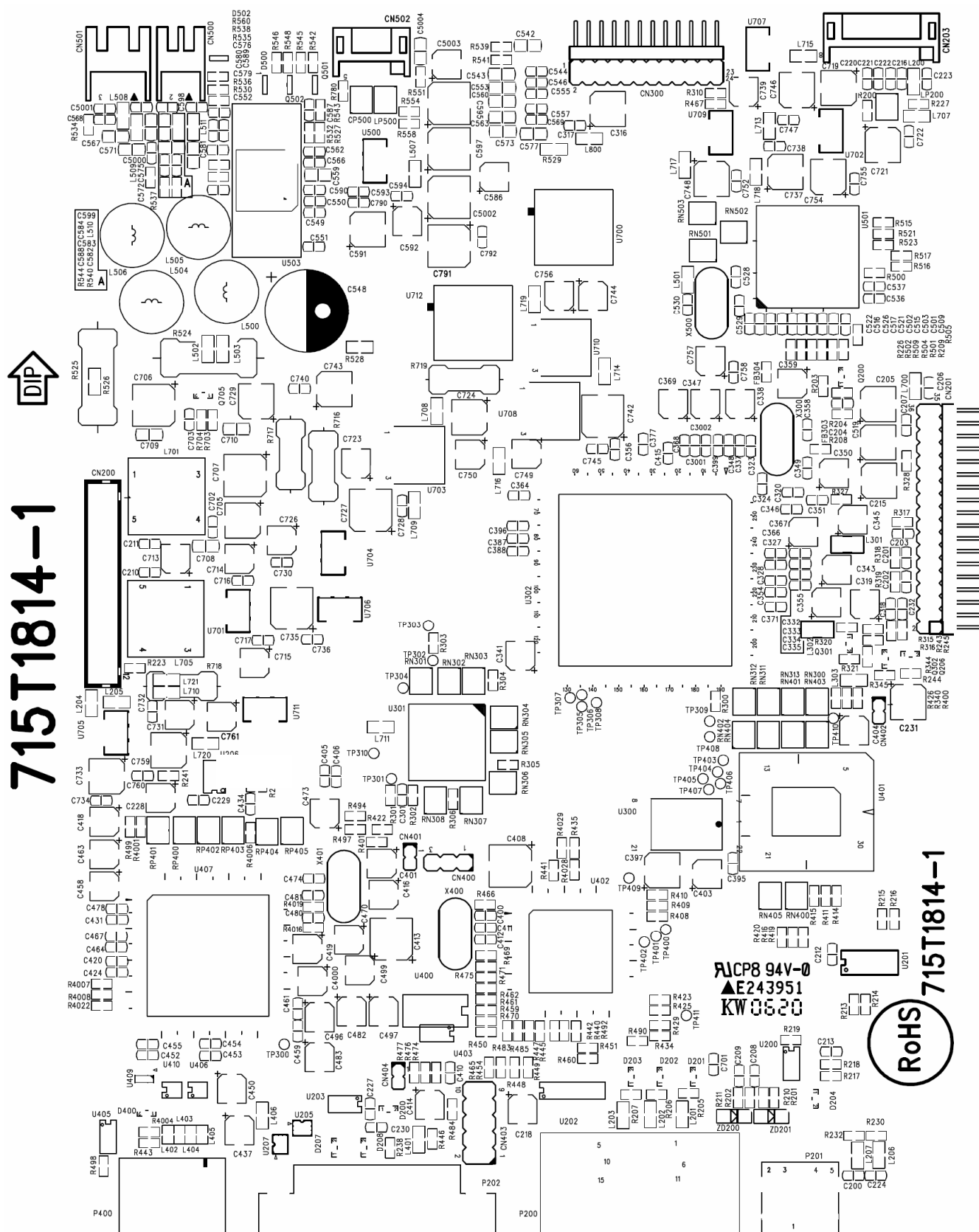




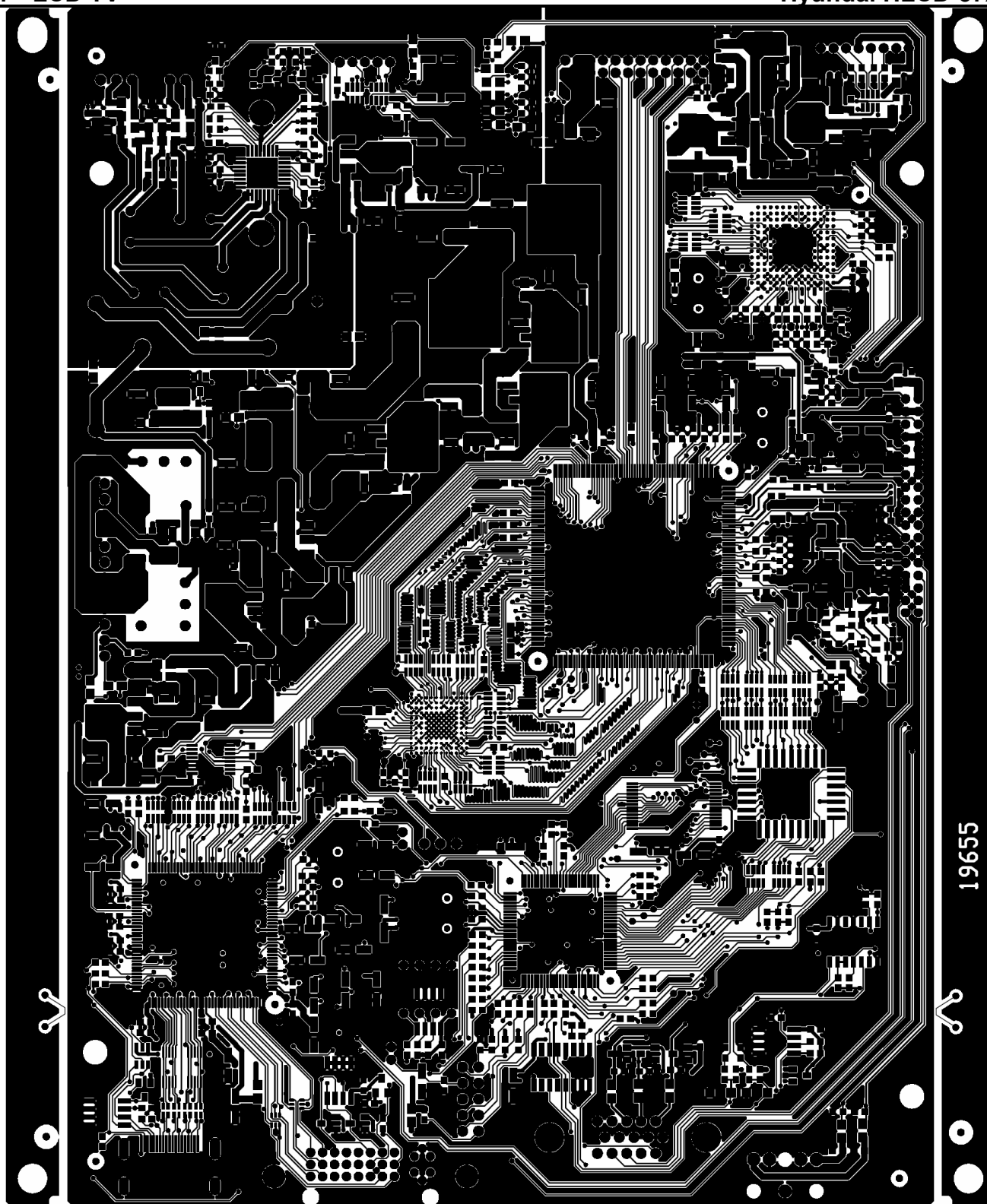
## 7. PCB Layout

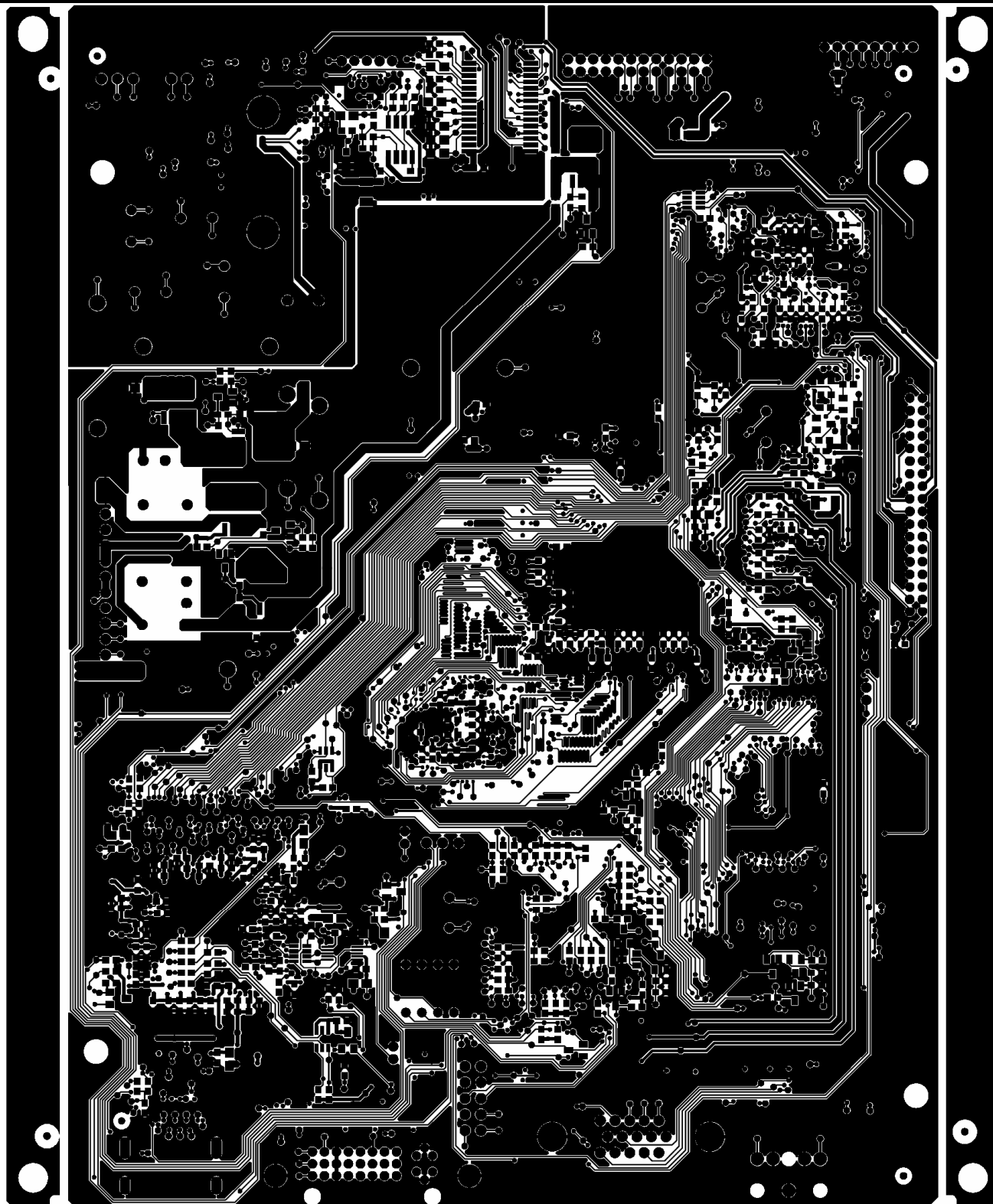
## 7.1 Main Board

715T1814-1



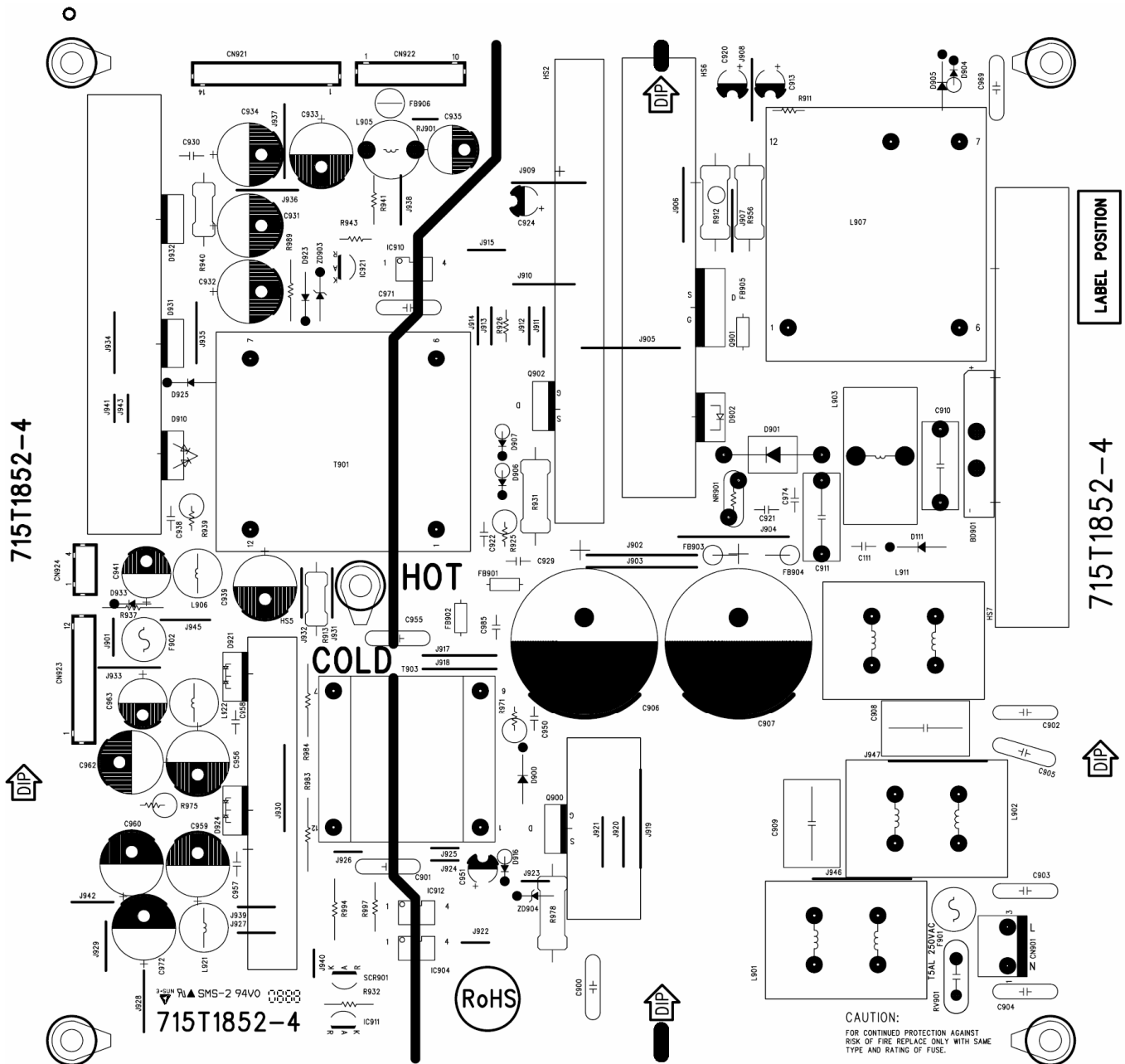


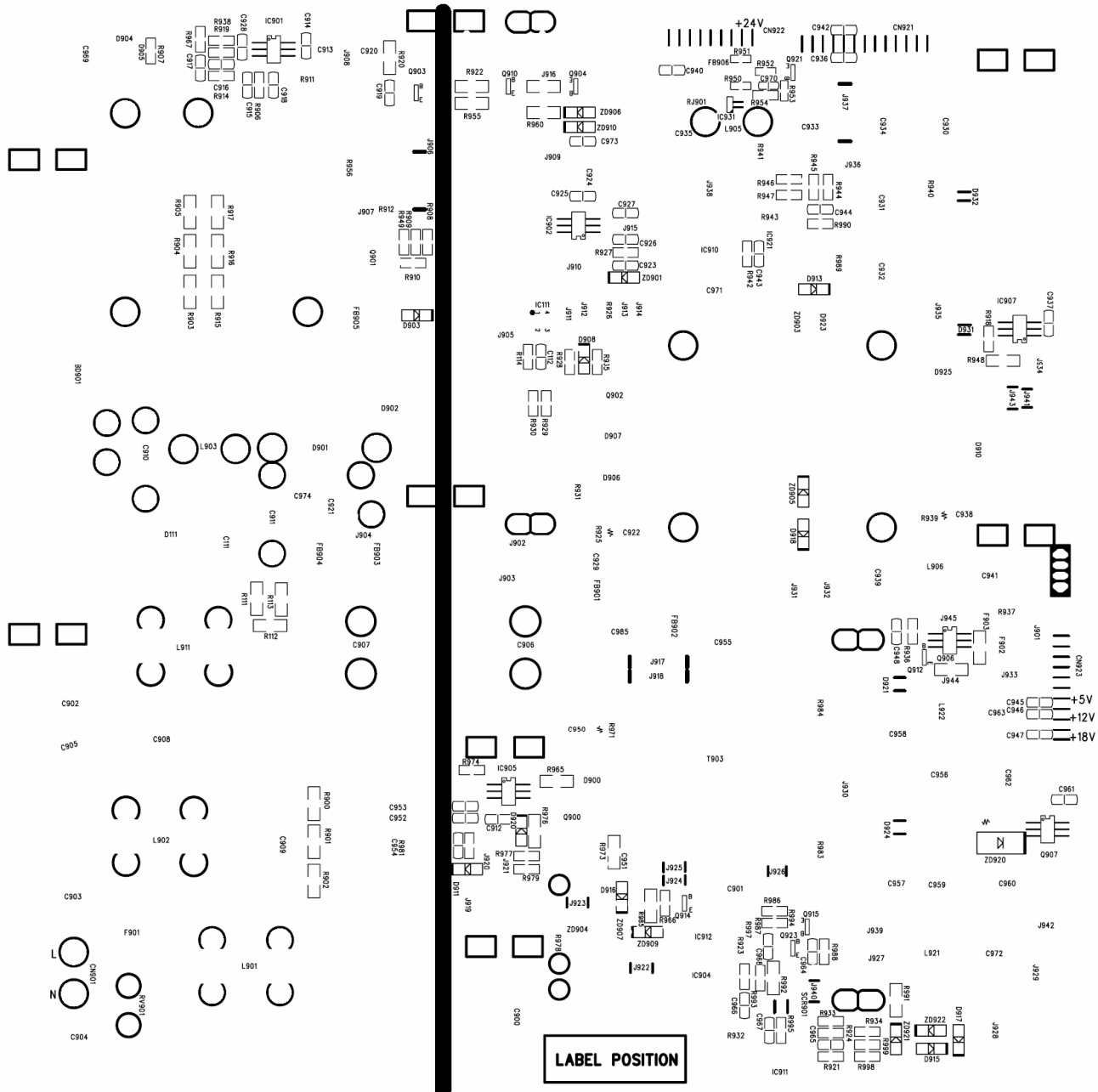




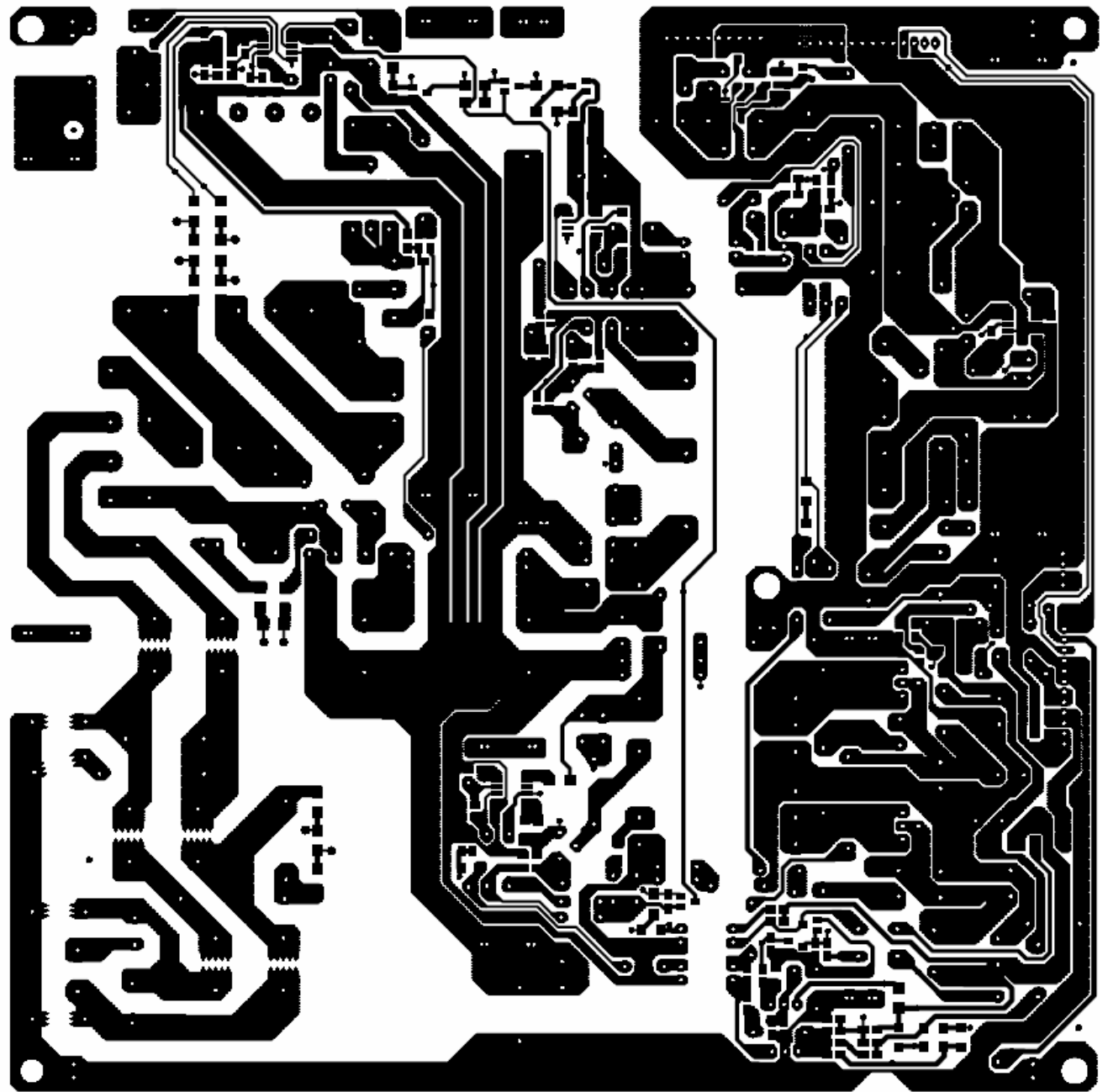
## 7.2 Power Board

715T1852-4



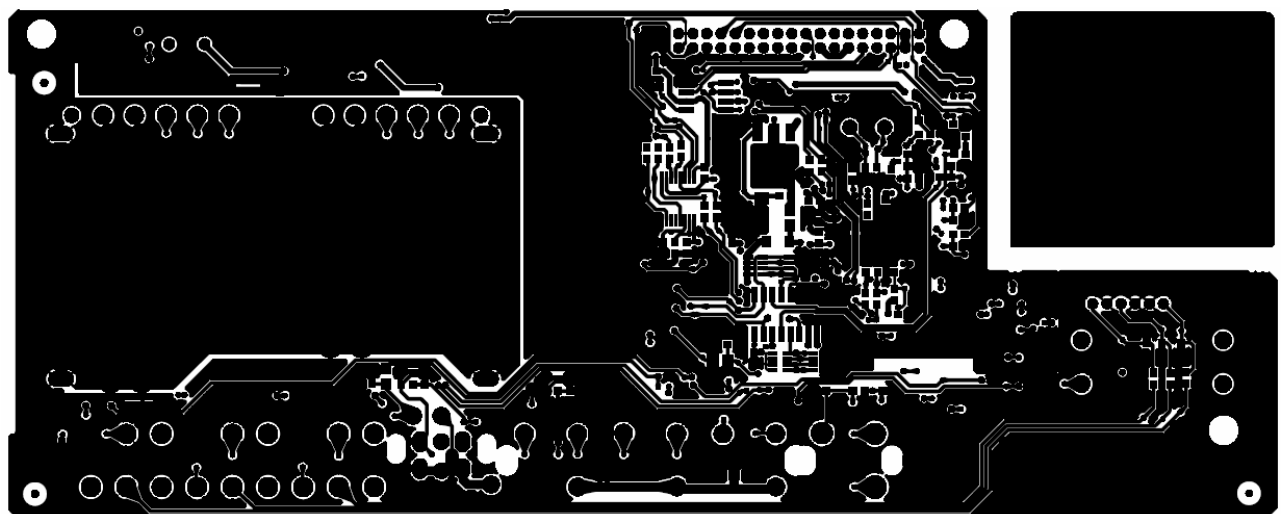
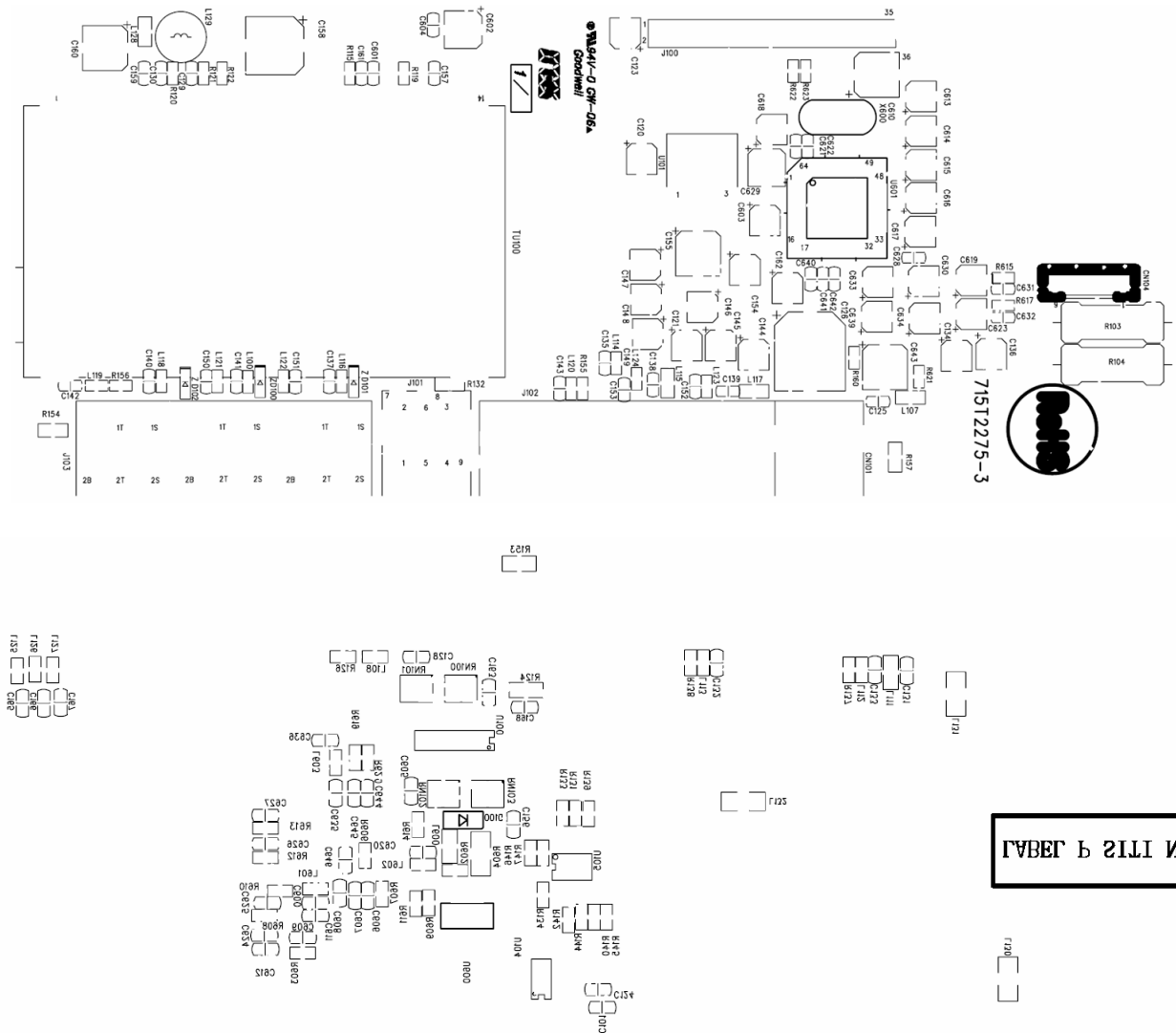


715T1852-4



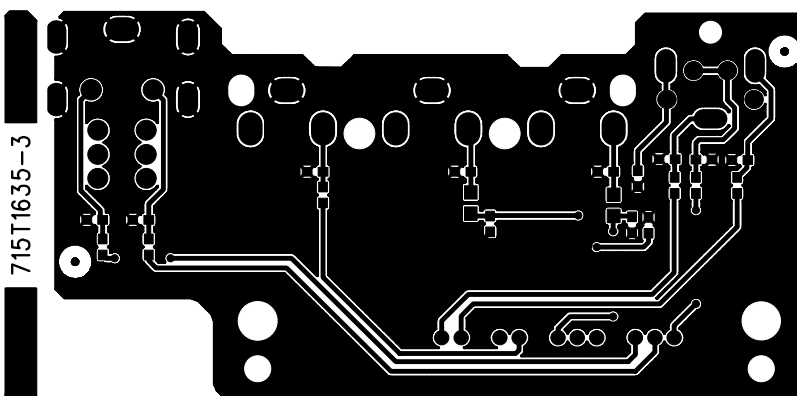
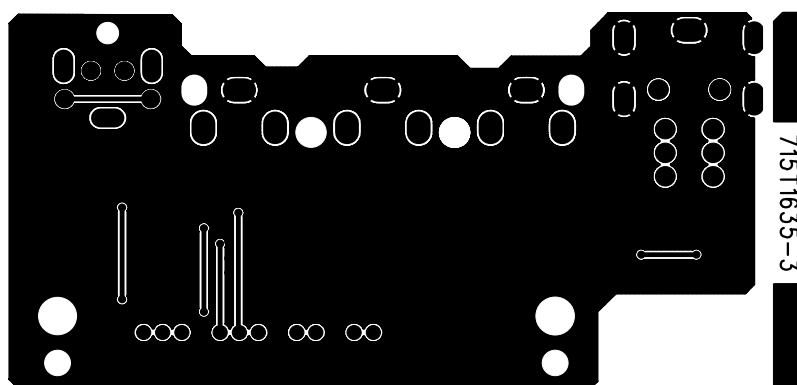
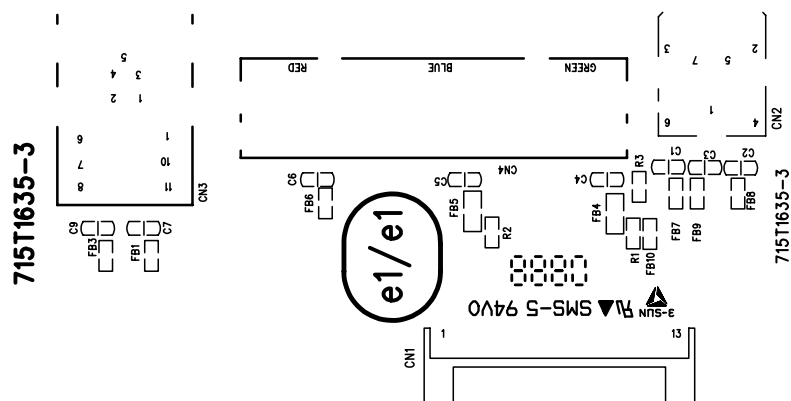
## 7.3 Tuner Board

715T2275-3



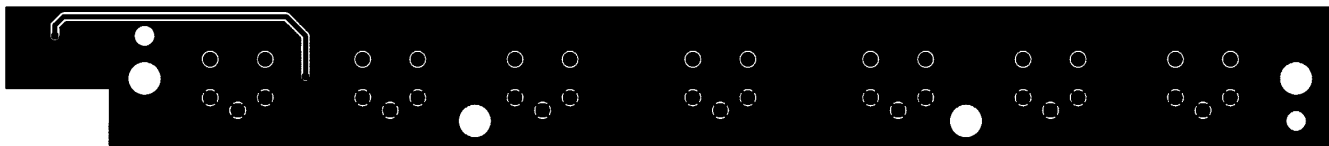
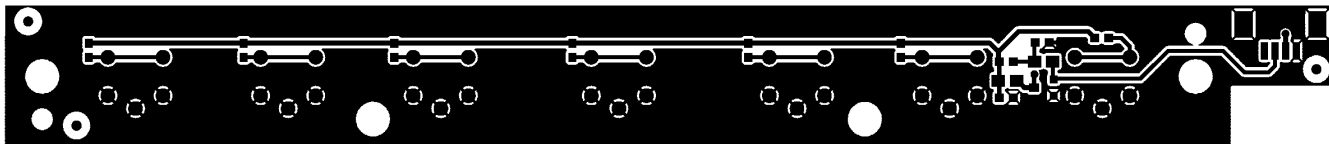
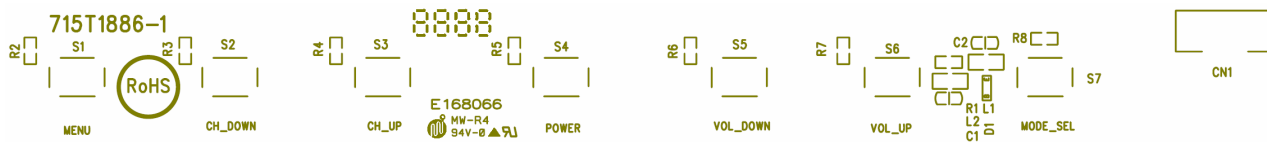
## 7.4 Audio Board

715T1635-3



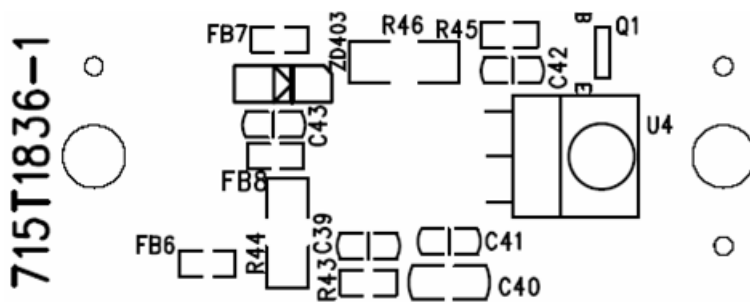
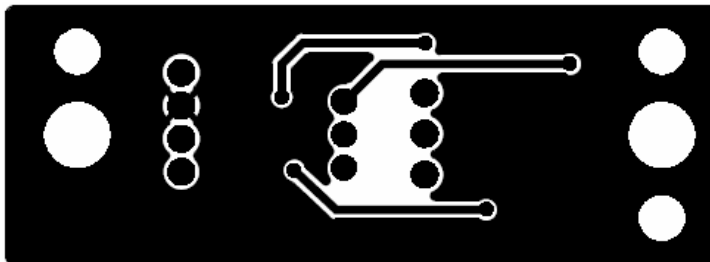
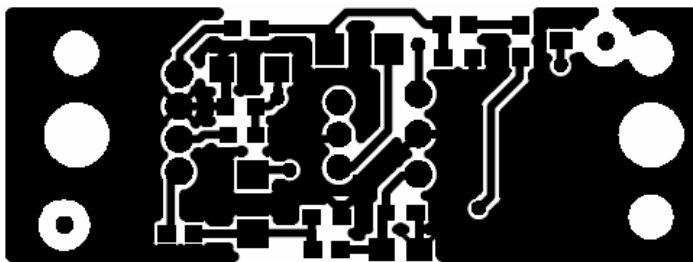
## 7.5 Key Board

**715T1886-1**



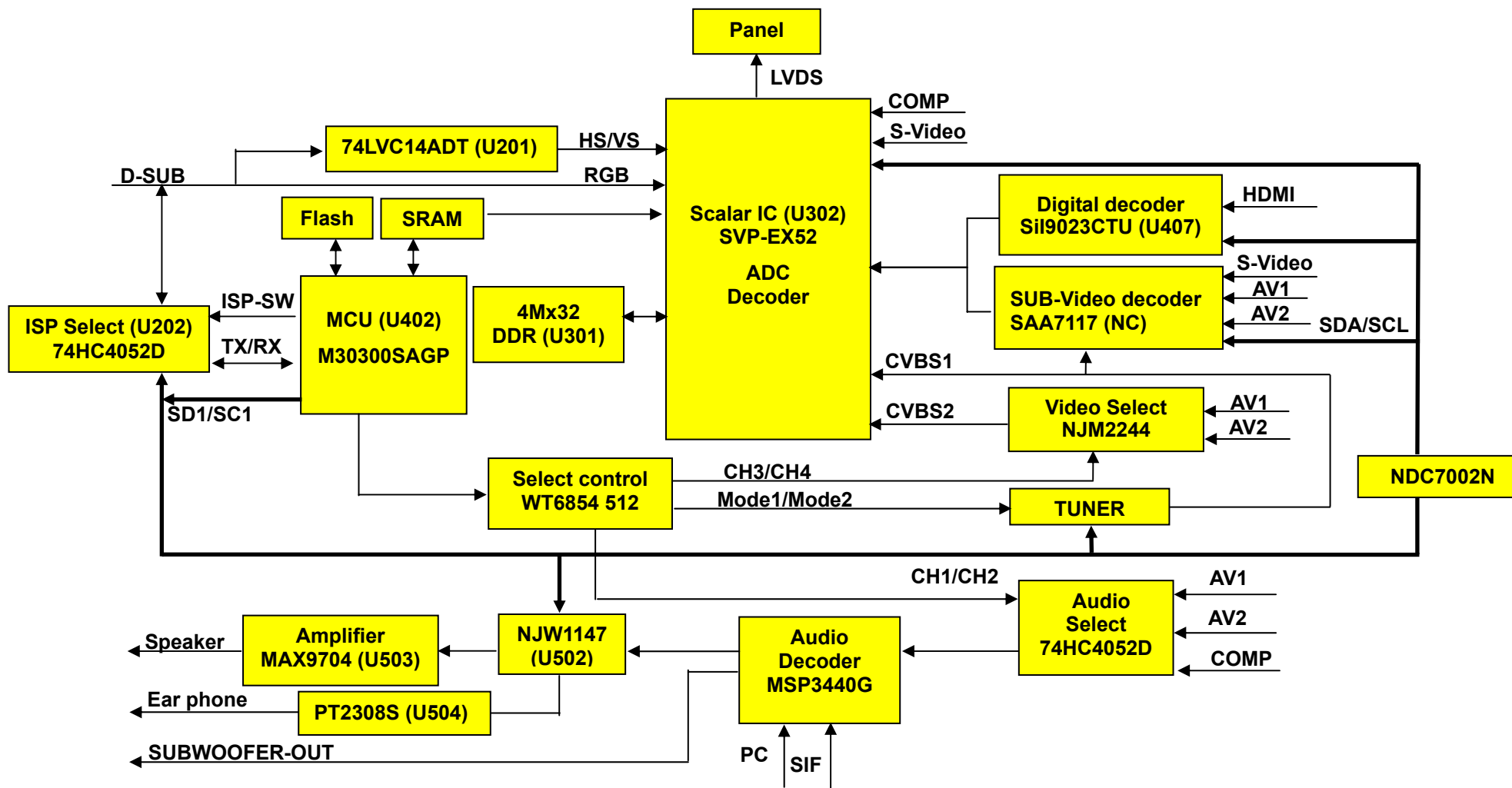
## 7.6 IR Board

**715T1836-1**



## 8. Block Diagram

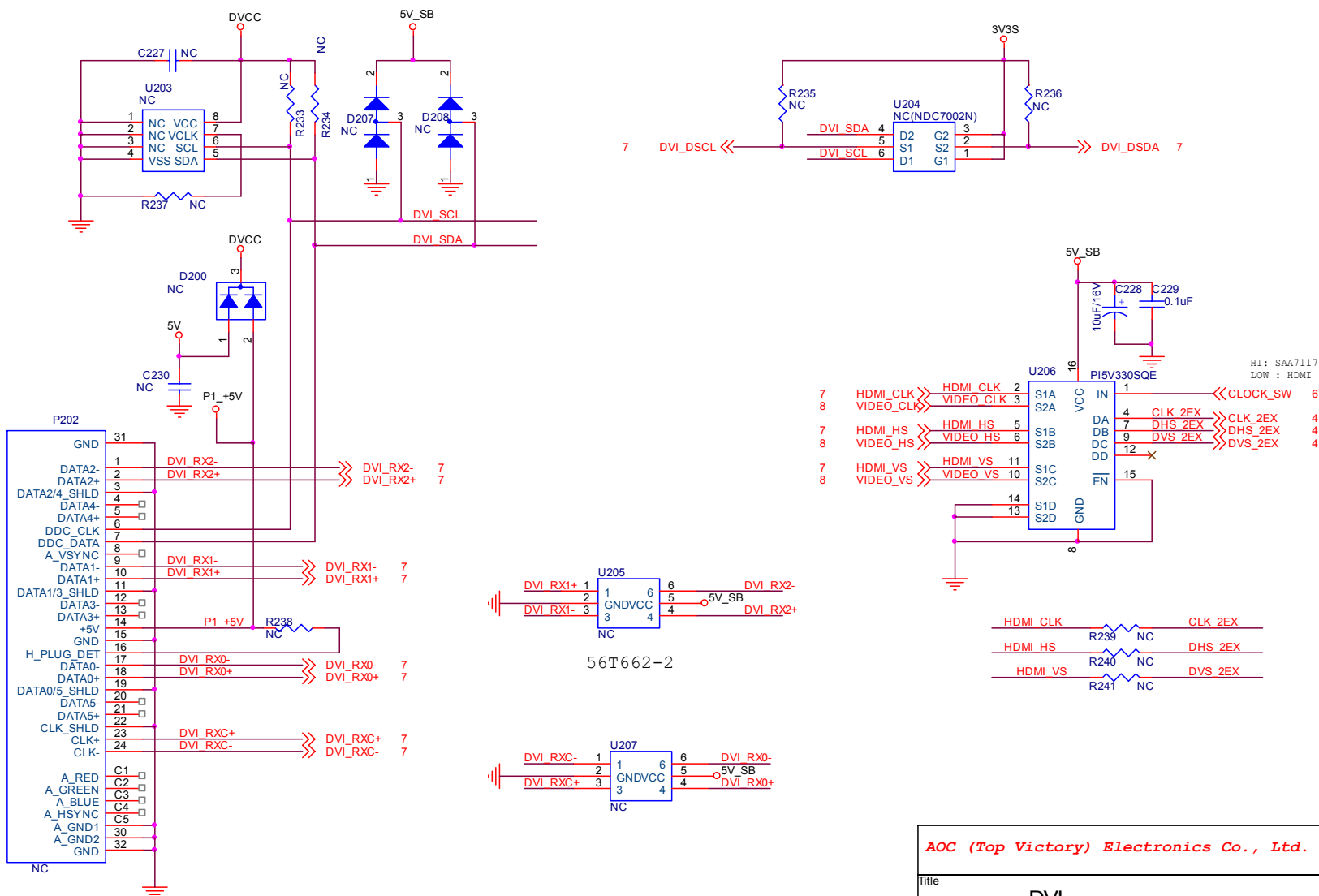
37" TV Main Board Block Diagram



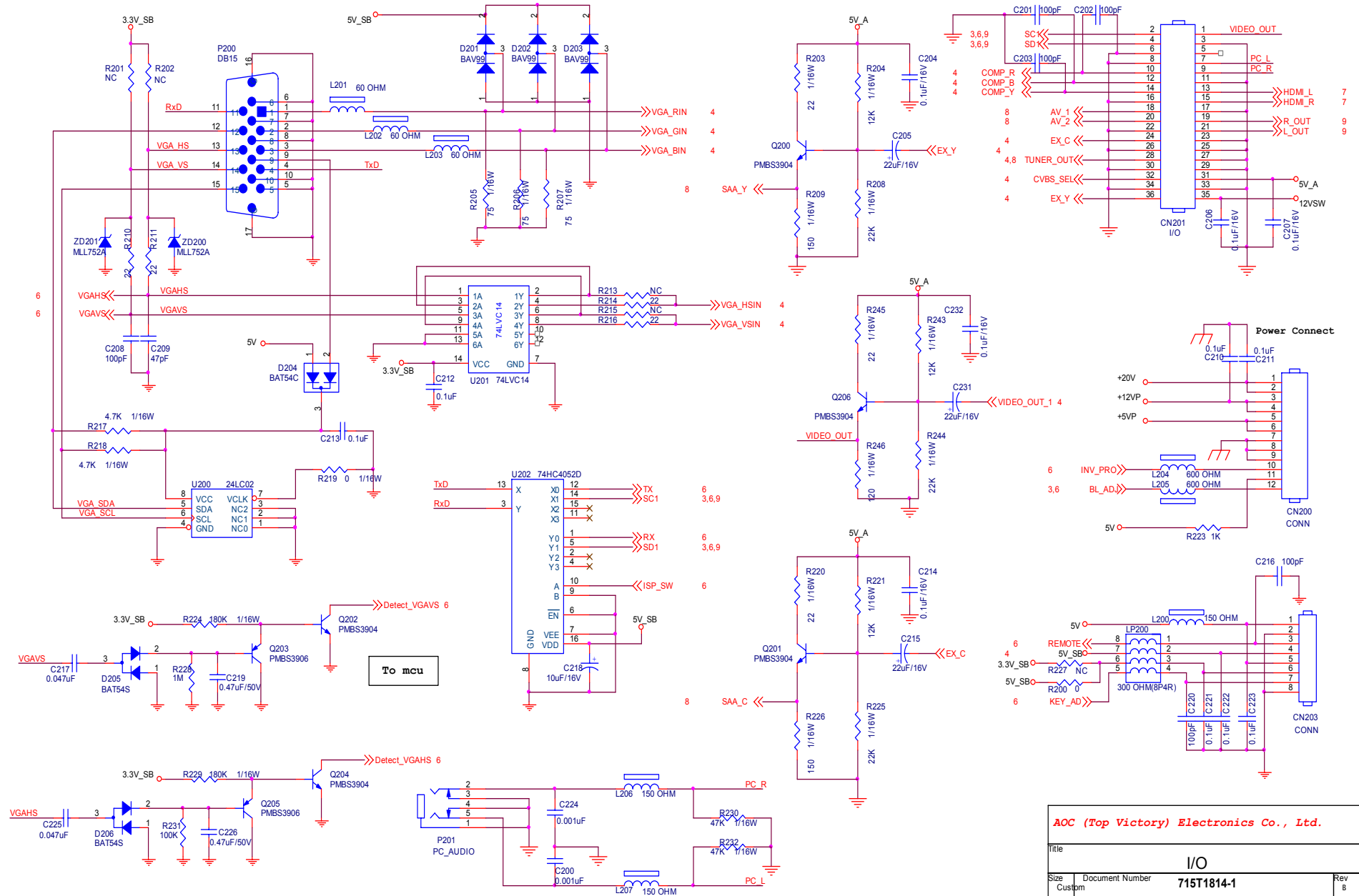
## 9. Schematic

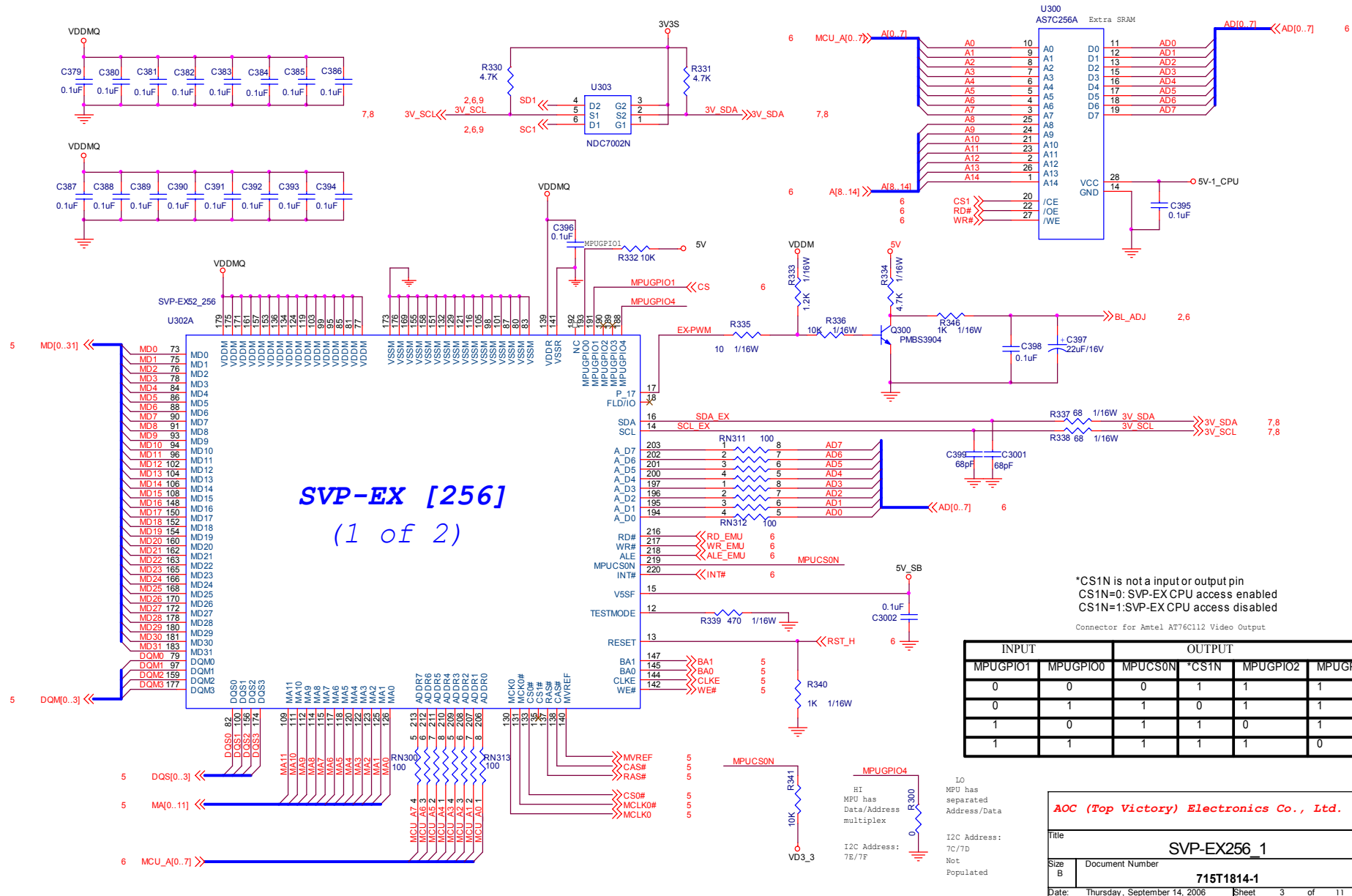
## 9.1 Main Board

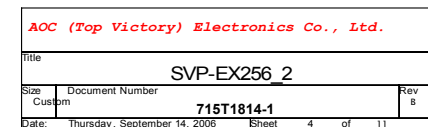
715T1814-1



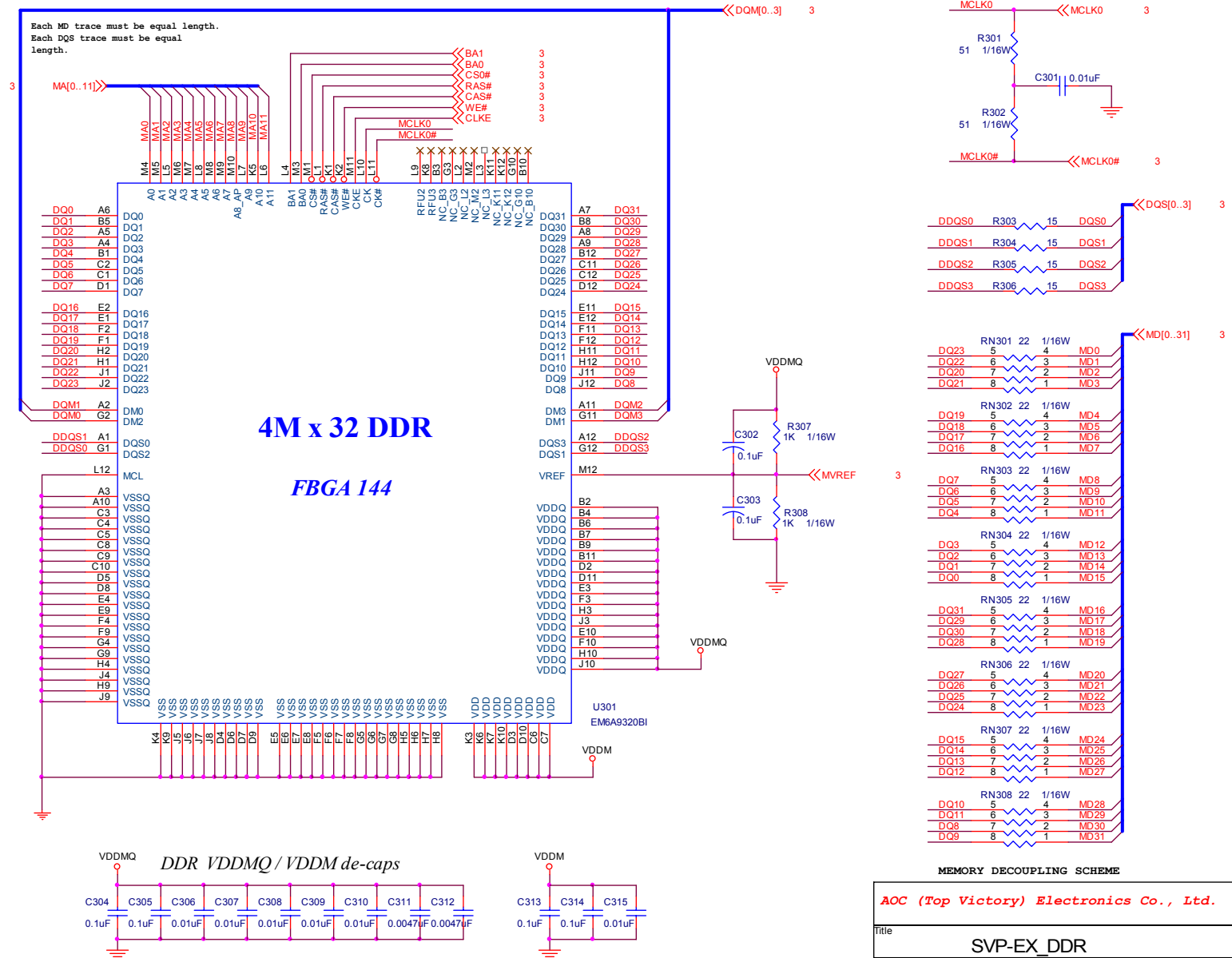
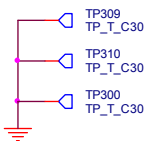
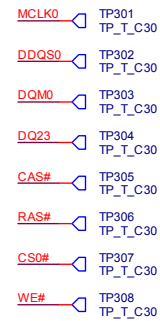
|                                         |                              |            |         |
|-----------------------------------------|------------------------------|------------|---------|
| AOC (Top Victory) Electronics Co., Ltd. |                              |            |         |
| Title                                   |                              |            |         |
| DVI                                     |                              |            |         |
| Size                                    | Document Number              | 715T1814-1 | Rev     |
| A4                                      |                              |            | B       |
| Date:                                   | Thursday, September 14, 2006 | Sheet      | 1 of 11 |

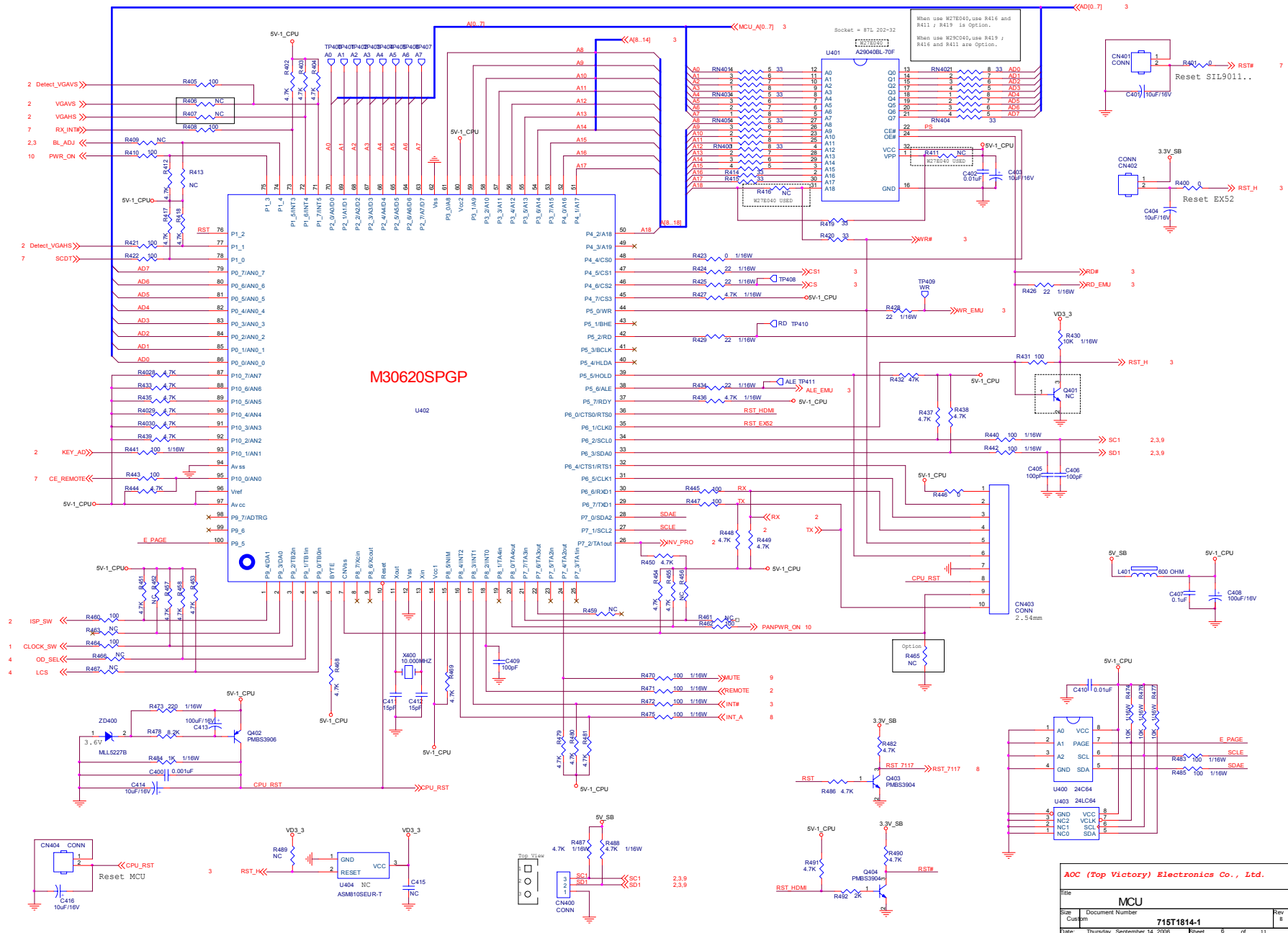


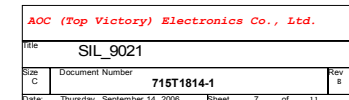


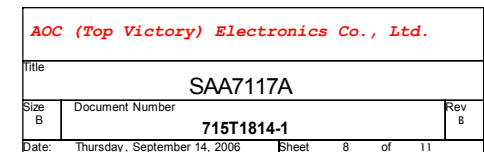


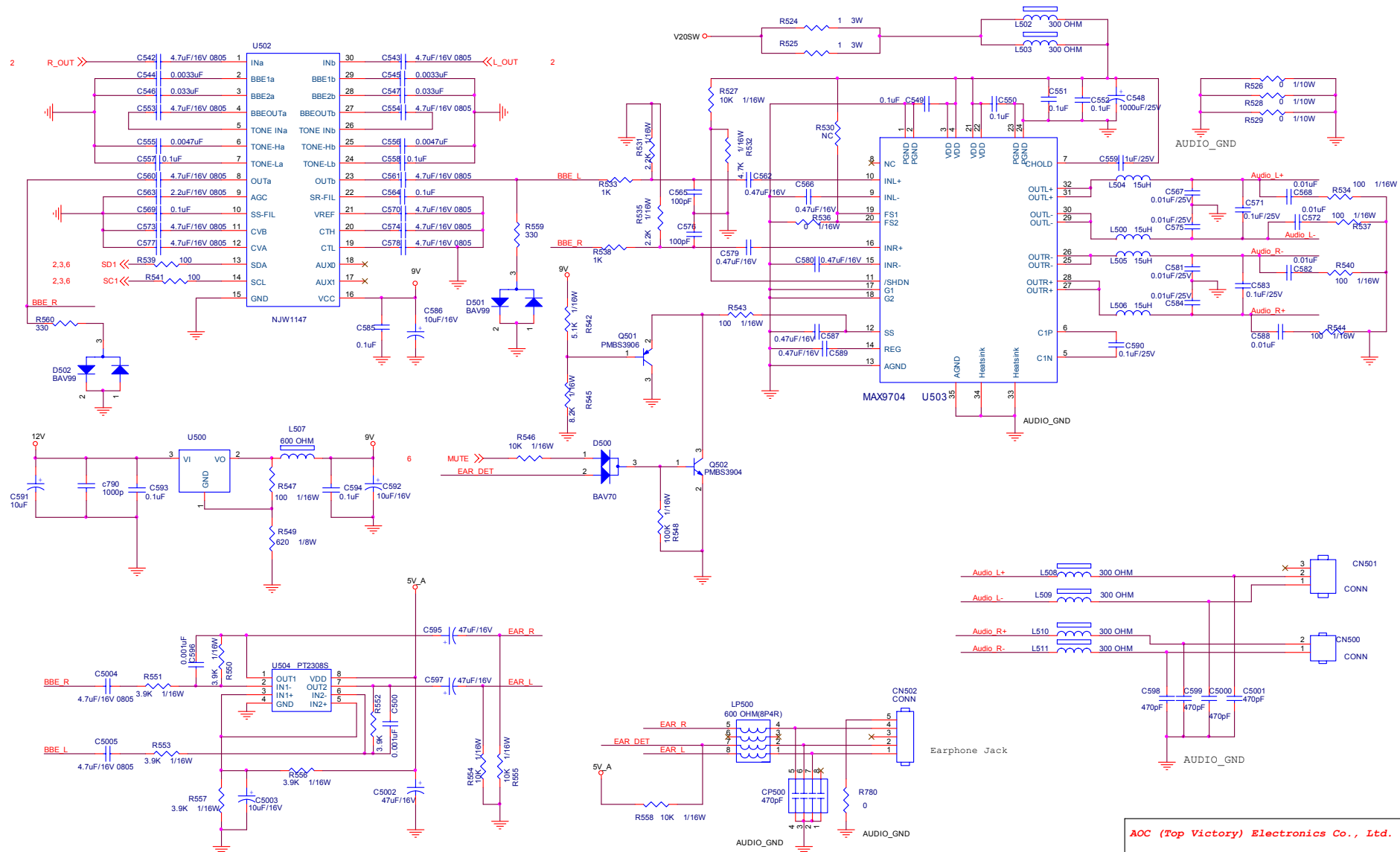
## Test pads for DDR



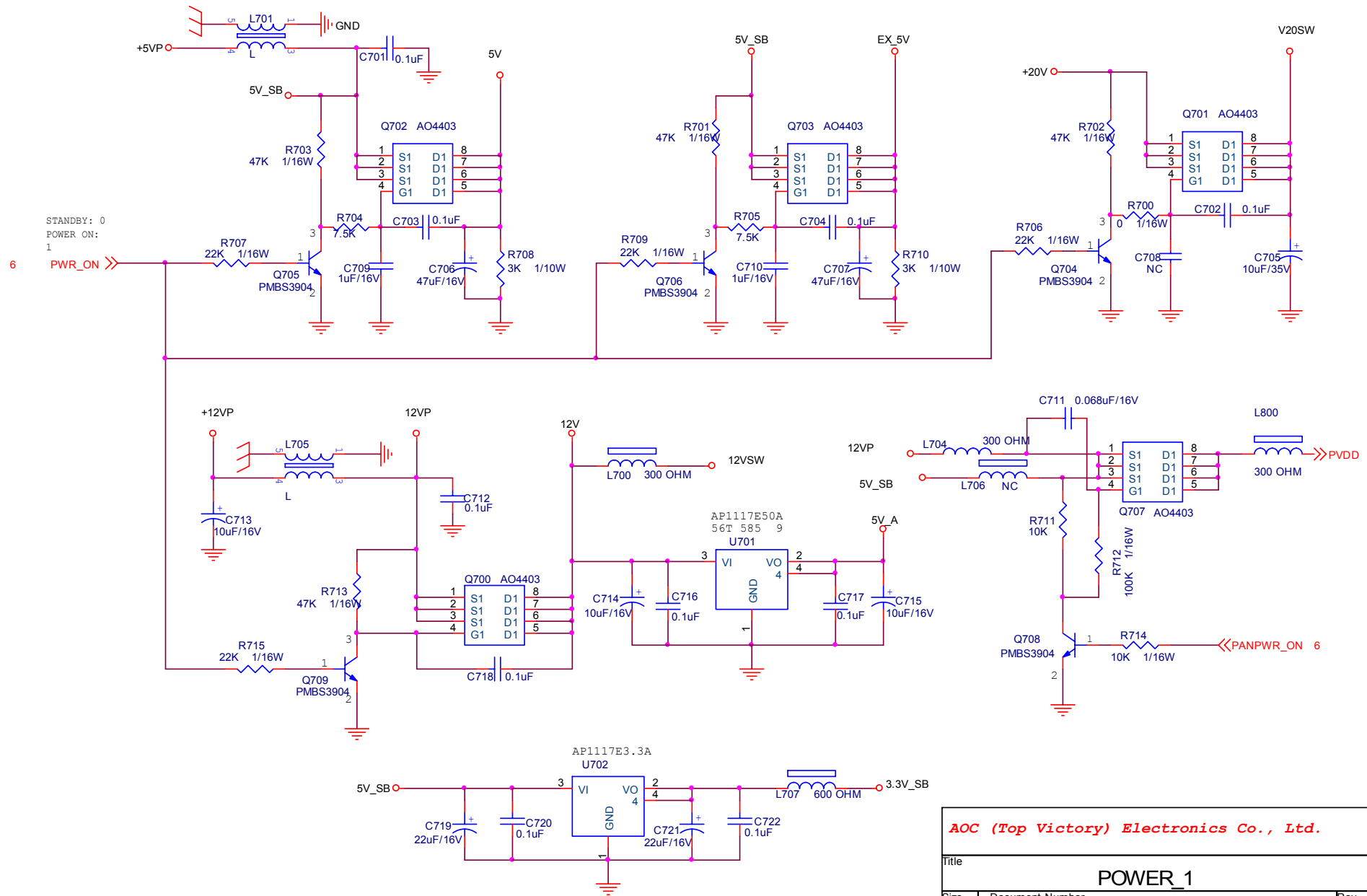




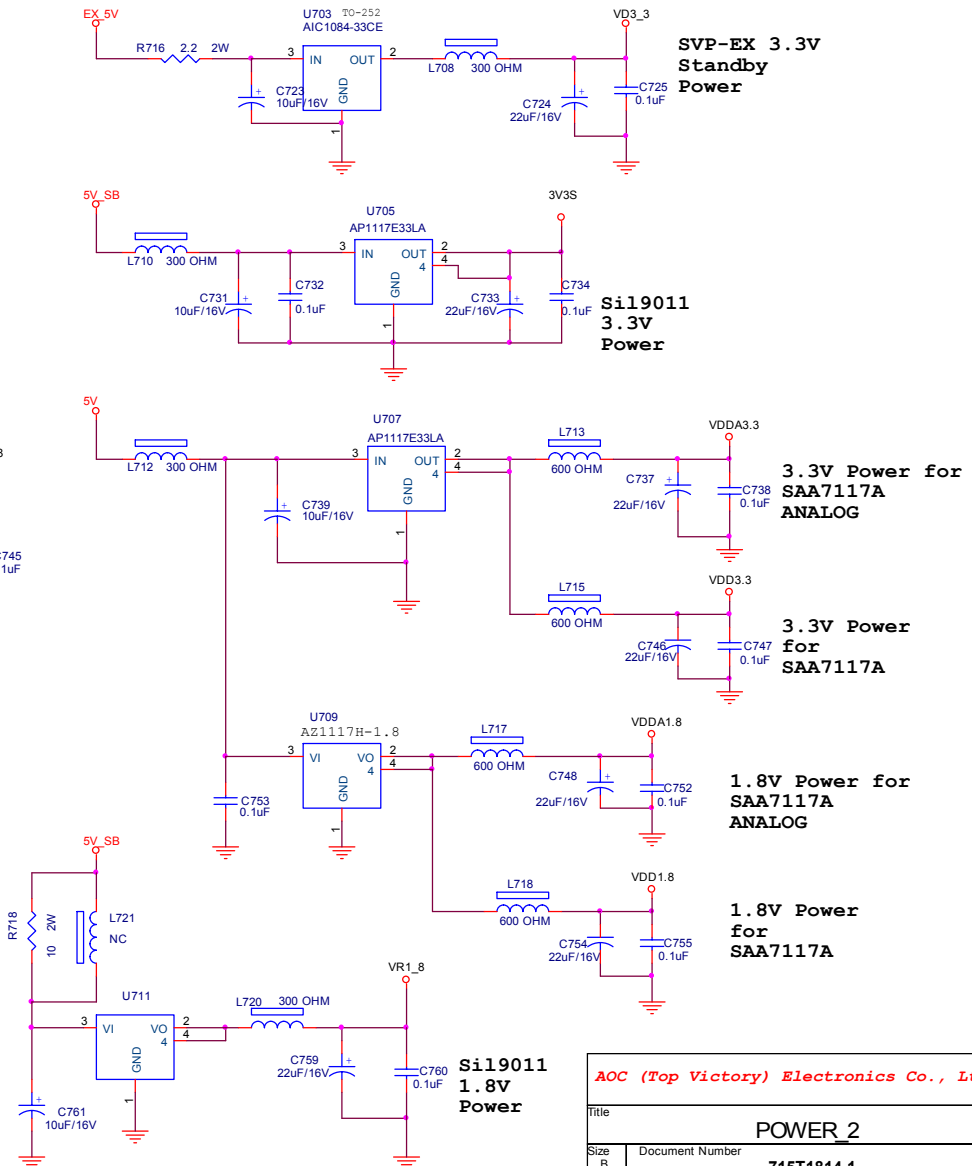
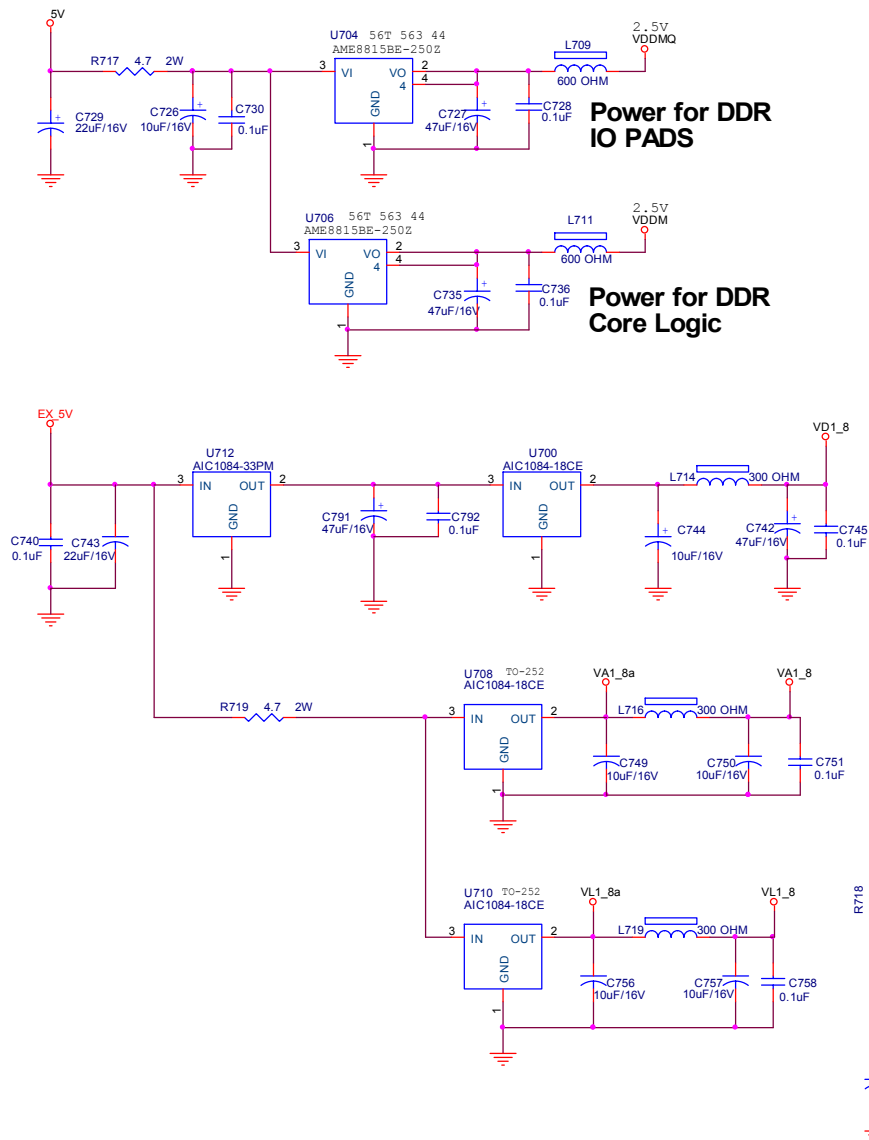




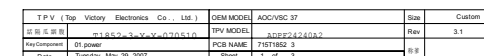
|                                         |                 |            |       |
|-----------------------------------------|-----------------|------------|-------|
| AOC (Top Victory) Electronics Co., Ltd. |                 |            |       |
| Title Amplifier                         |                 |            |       |
| Size Custom                             | Document Number | 715T1814-1 |       |
| Date: Thursday, September 14, 2006      | Sheet           | 9          | of 11 |
|                                         |                 |            | Rev 8 |



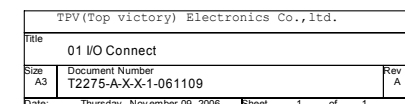
|                                         |                              |                |
|-----------------------------------------|------------------------------|----------------|
| AOC (Top Victory) Electronics Co., Ltd. |                              |                |
| Title                                   |                              |                |
| POWER_1                                 |                              |                |
| Size                                    | Document Number              | Rev            |
| A4                                      | 715T1814-1                   | B              |
| Date:                                   | Thursday, September 14, 2006 | Sheet 10 of 11 |

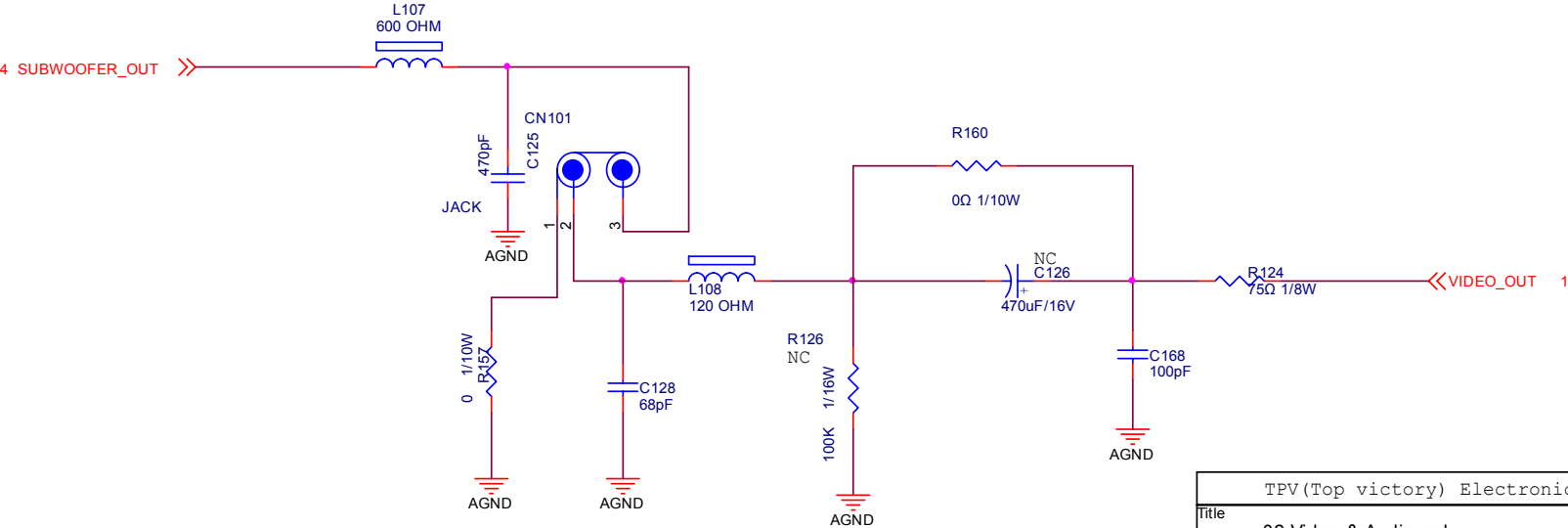
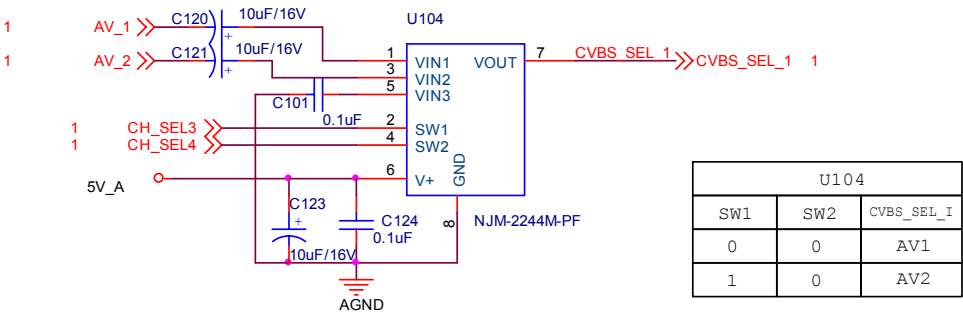


|                                         |                 |              |      |                |
|-----------------------------------------|-----------------|--------------|------|----------------|
| AOC (Top Victory) Electronics Co., Ltd. |                 |              |      |                |
| Title                                   |                 |              |      |                |
| POWER 2                                 |                 |              |      |                |
| Size B                                  | Document Number |              |      | Rev B          |
| 715T1814-1                              |                 |              |      |                |
| Date                                    | Thursday        | September 14 | 2006 | Sheet 11 of 11 |

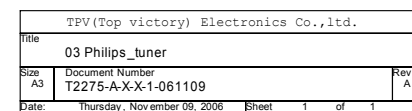


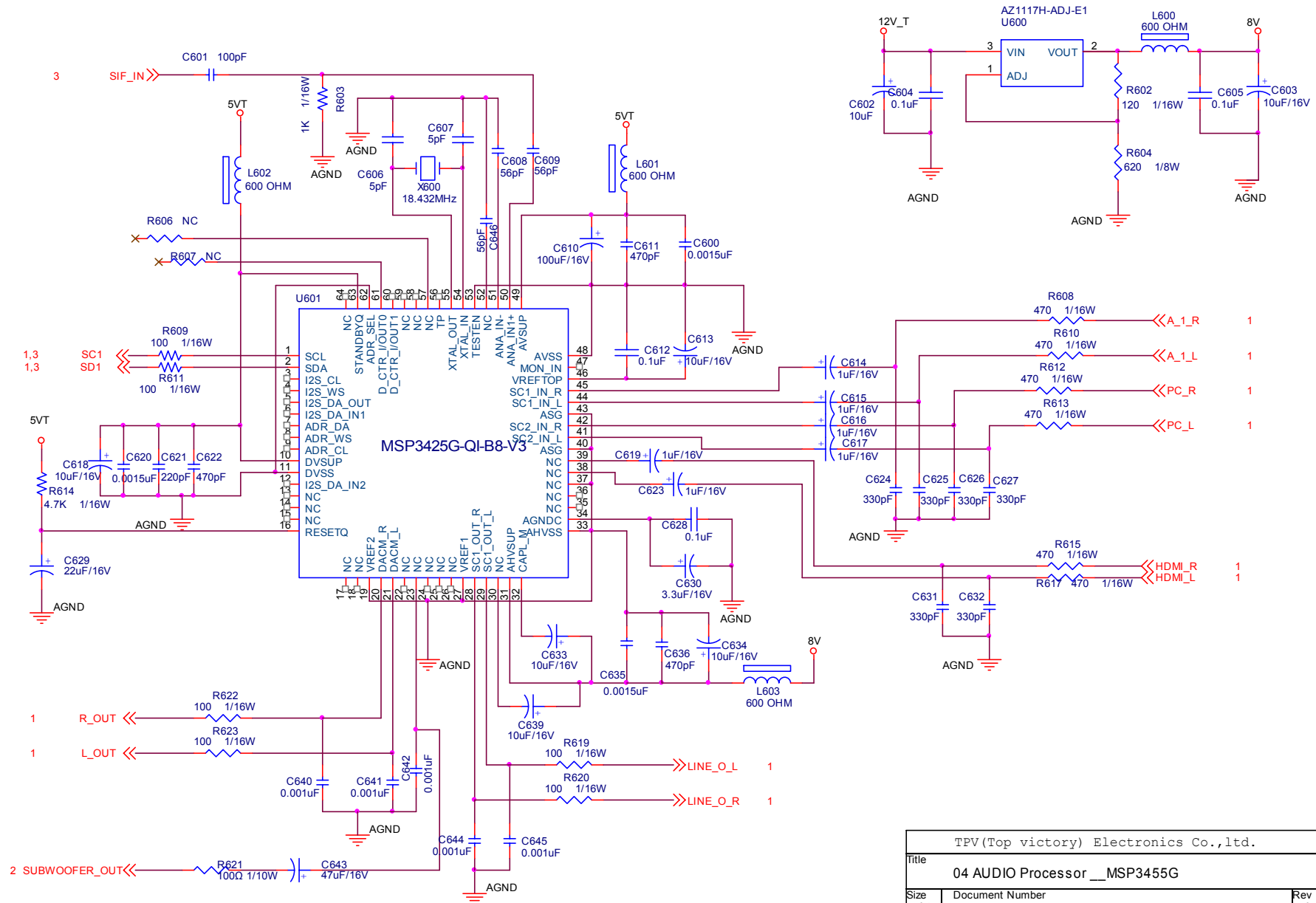
**715T2275-3**



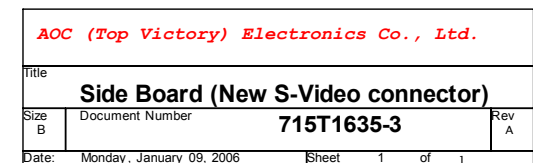


|                                       |                             |              |
|---------------------------------------|-----------------------------|--------------|
| TPV(Top victory) Electronics Co.,ltd. |                             |              |
| Title                                 |                             |              |
| 02 Video & Audio sel                  |                             |              |
| Size                                  | Document Number             | Rev          |
| A4                                    | T2275-A-X-X-1-061109        | A            |
| Date:                                 | Thursday, November 09, 2006 | Sheet 1 of 1 |

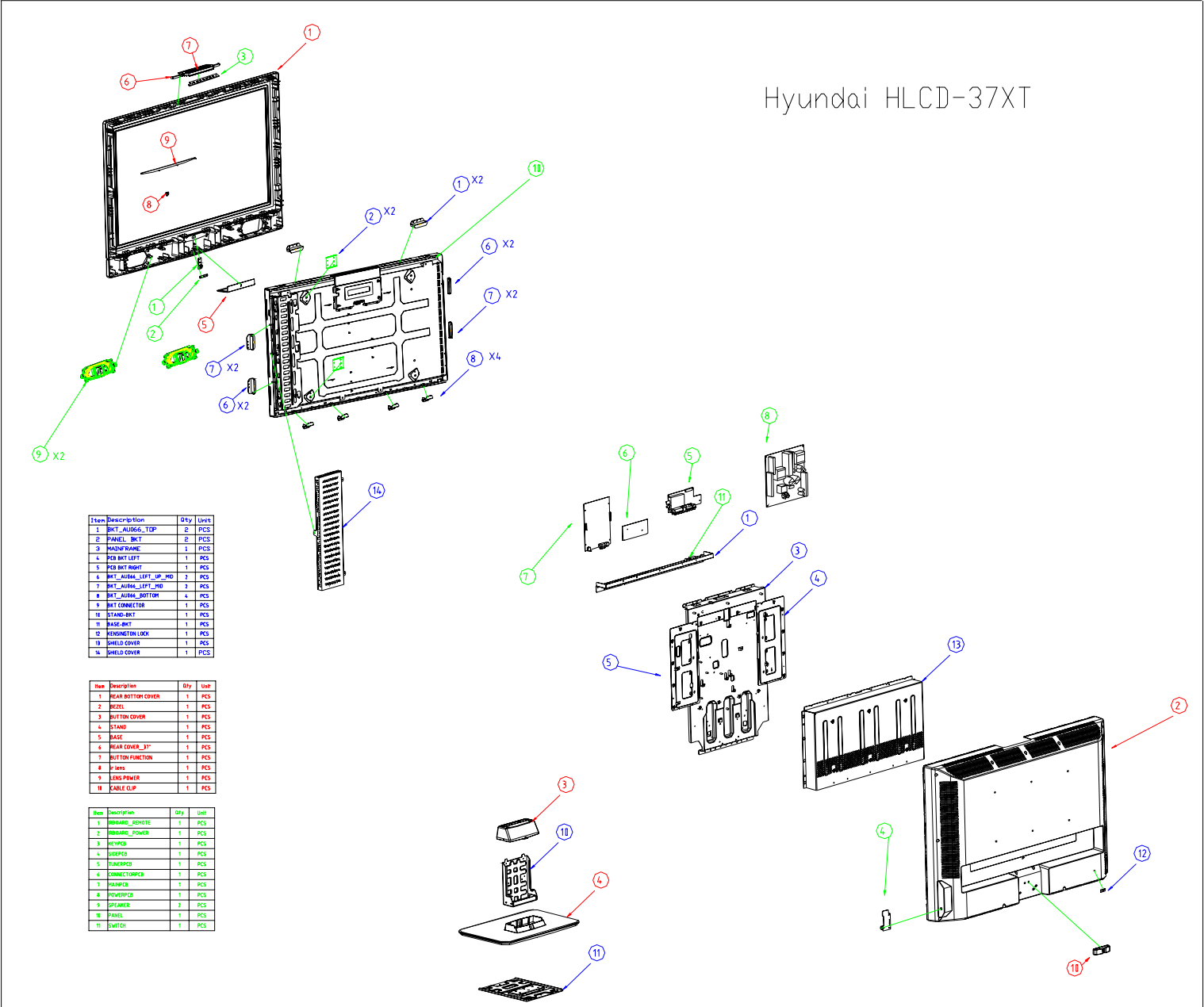




**715T1635-3**



10. Exploded View



## 11. BOM List

## E376ATNSW2H4N

| Location | Part No.       | Description                        | Remark     |
|----------|----------------|------------------------------------|------------|
|          | 002T6022 1     | SCREW NUTS                         |            |
|          | 012T 372 5     | SILICON                            |            |
|          | 012T6051 18    | THERMAL PAD                        |            |
|          | 015T6184 1     | KENSINGTON LOCK                    |            |
|          | 026G 800504 3  | BARCODE LABEL FOR 4                |            |
|          | 033T4977 RG 1L | BUTTON FUNCTION                    |            |
|          | 033T4980 GM 1L | CABLE CLIP                         |            |
|          | 034T1856 GM 1L | REAR BOTTOM COVER                  |            |
|          | 034T1857 RG 1L | STAND                              |            |
| E08904   | 089G 17356C554 | AUDIO CABLE                        |            |
| E08904   | 089T 17356G554 | AUDIO CABLE                        | 2nd source |
|          | 040G 457624 1B | LABEL-CPU                          |            |
|          | 040G 45762412B | CBPC LABEL                         |            |
|          | 040G 45762412B | CBPC LABEL                         |            |
|          | 040G 581 26704 | SHIPPING LABEL                     |            |
|          | 040G 58162435A | P/N LABEL FOR MANUAL PE BAG        |            |
|          | 041G 68508 A   | CONTROL CARD                       |            |
|          | 044G6002608 1A | PAPER BOARD                        |            |
|          | 044G6002608 7A | PAPER PLATE                        |            |
|          | 044G9003169    | CORNER PAPER                       |            |
|          | 045G 76 28 C   | PE BAG FOR MANUAL                  |            |
|          | 045G 77501     | BARCODE RIBBON                     |            |
|          | 051T 200 1     | OIL FOR DISAPPEAR                  |            |
|          | 051T 200 1     | OIL FOR DISAPPEAR                  |            |
|          | 051T 200 1     | OIL FOR DISAPPEAR                  |            |
|          | 051T 200 1     | OIL FOR DISAPPEAR                  |            |
|          | 051T 200 1     | OIL FOR DISAPPEAR                  |            |
|          | 051T 200 1     | OIL FOR DISAPPEAR                  |            |
|          | 052G 1211 A    | CONDUCTIVE TAPE 55mm *45mm *0.08mm |            |
|          | 052G 1211511   | ALUMINUM FOIL TAPE                 |            |
|          | 077G 306 26 RF | ROCKER SWITCH + AC SOCKET          |            |
|          | 088G 303 7A S  | NTSC TO RCA CONN.                  |            |
|          | 088T 303 7A P  | NTSC TO RCA CONN                   |            |
|          | 089G 725GAA DB | D-SUB CABLE                        |            |
|          | 089G408A18N IS | POWER CORD WALL-OUT FOR ITALY      |            |
|          | 089T 173 56 38 | AUDIO CABLE                        |            |
|          | 090T 426501    | HEAT SINK                          |            |
| S7       | 077G 600 1GCJ  | TACT SWITCH TSPB-2 -NP             |            |
| S3       | 077G 600 1GCJ  | TACT SWITCH TSPB-2 -NP             |            |
| S1       | 077G 600 1GCJ  | TACT SWITCH TSPB-2 -NP             |            |
| S2       | 077G 600 1GCJ  | TACT SWITCH TSPB-2 -NP             |            |
| S5       | 077G 600 1GCJ  | TACT SWITCH TSPB-2 -NP             |            |
| S4       | 077G 600 1GCJ  | TACT SWITCH TSPB-2 -NP             |            |
| S6       | 077G 600 1GCJ  | TACT SWITCH TSPB-2 -NP             |            |
| CN1      | 033G8032 4C    | WAFER 4P 1.25mm SMT                |            |
| R5       | 061G0603000    | RST CHIP MAX 0R05 1/10W            |            |
| R4       | 061G0603100 1F | RST CHIPR 1 KOHM +-1% 1/10W        |            |
| R2       | 061G0603180 1F | RST CHIPR 1.8 KOHM +-1% 1/10W      |            |
| R1       | 061G0603220 1F | RST CHIPR 2.2 KOHM +-1% 1/10W      |            |
| R8       | 061G0603220 2F | RST CHIPR 22 KOHM +-1% 1/10W       |            |
| R6       | 061G0603330 1F | RST CHIPR 3.3KOHM +-1% 1/10W       |            |
| R3       | 061G0603390 0F | RST CHIPR 390 OHM +-1% 1/10W       |            |
| R7       | 061G0603680 1F | RST CHIPR 6.8 KOHM +-1% 1/10W      |            |

|       |                |                                       |            |
|-------|----------------|---------------------------------------|------------|
| C1    | 065G0603101 32 | 100PF +-10% 50V X7R                   |            |
| C2    | 065G0603101 32 | 100PF +-10% 50V X7R                   |            |
| L2    | 071G 56U601 MA | CHIP BEAD 0805 600 OHM 1000mA         |            |
| L1    | 071G 56U601 MA | CHIP BEAD 0805 600 OHM 1000mA         |            |
| D1    | 093G 6433P     | BAV99                                 |            |
|       | 095G 900 76    | WIRE HARNESS                          |            |
|       | 095T 900 81    | WIRE HARNESS                          |            |
|       | 095T8013 2529  | WIRE HARNESS                          |            |
|       | 095T8013 3533  | WIRE HARNESS                          |            |
|       | 095T8014 3533  | WIRE HARNESS                          |            |
|       | 095T8014 8611  | WIRE HARNESS                          |            |
|       | 095T8014 10 36 | WIRE HARNESS                          |            |
|       | 095T8014 12562 | WIRE HARNESS                          |            |
|       | 095T8014 13610 | WIRE HARNESS                          |            |
|       | 095T8014 14 40 | WIRE HARNESS                          |            |
|       | 095T8018 3514  | LVDS CABLE                            |            |
|       | 095T8021 3 28  | WIRE HARNESS                          |            |
|       | 098TRABD1NE F  | REMOTE CONTROL FUHUA                  |            |
|       | 0D1T1140 8120  | SCREW                                 |            |
|       | 0M1G1730 8120  | SCREW                                 |            |
| CN1   | 033G380213H    | WAFER 13P RIGHT ANGLE PITCH           |            |
| CN2   | 088T 30231T CJ | PHONE JACK                            |            |
| R3    | 061G0603000    | RST CHIP MAX 0R05 1/10W               |            |
| C2    | 065G0603471 32 | CHIP 470PF 50V X7R                    |            |
| C1    | 065G0603471 32 | CHIP 470PF 50V X7R                    |            |
| C3    | 065G0603472 32 | CHIP 4700PF 50V X7R                   |            |
| FB8   | 071G 56G151 A  | TB160808G151                          |            |
| FB9   | 071G 56G151 A  | TB160808G151                          |            |
| FB7   | 071G 56G151 A  | TB160808G151                          |            |
|       | 0M1G1730 8120  | SCREW                                 |            |
|       | 0M1G1730 8120  | SCREW                                 |            |
| E750  | 750TVUQ0W2012N | PANEL T370XW02 V000 SZ AUO            |            |
| E750  | 750TVUQ0W2581N | PANEL T370XW02 V508 TW AUO            | 2nd source |
|       | 705T3724057001 | 37" LCD TV POWER ASS'Y                |            |
| CN922 | 033G3802 10    | PLUG                                  |            |
| CN923 | 033G3802 12    | WAFER PH-12                           |            |
| CN921 | 033G3802 14    | 14P/2.0MM                             |            |
| CN901 | 033G8029 3A    | 3PIN (2PIN NC)                        |            |
| IC910 | 056G 139 3A    | IC PC123Y22FZ0F                       |            |
| IC904 | 056G 139 3A    | IC PC123Y22FZ0F                       |            |
| IC912 | 056G 139 3A    | IC PC123Y22FZ0F                       |            |
| R913  | 061G 208102 64 | 1KOHM 5% 1W                           |            |
| R971  | 061G152M10458F | 100K OHM 5% 2W                        |            |
| R940  | 061G152M220 64 | 22 OHM 5% 2W                          |            |
| R975  | 061G152M22158F | RST MOFR 220OHM +-5% 2W               |            |
| R956  | 061G153M308 59 | 0.3 OHM 5% 3W                         |            |
| R925  | 061G153M47358F | 47K OHM 5% 3W                         |            |
| C909  | 063G107K474 US | 0.47UF +-10%                          |            |
| C908  | 063G107K474 US | 0.47UF +-10%                          |            |
| C934  | 067G215L102 6N | EC 1000UF 35V KY35VB1000M-L 12.5*25mm |            |
| C933  | 067G215L102 6N | EC 1000UF 35V KY35VB1000M-L 12.5*25mm |            |
| C932  | 067G215L102 6N | EC 1000UF 35V KY35VB1000M-L 12.5*25mm |            |
| C931  | 067G215L102 6N | EC 1000UF 35V KY35VB1000M-L 12.5*25mm |            |
| C939  | 067G215L102 6N | EC 1000UF 35V KY35VB1000M-L 12.5*25mm |            |
| C906  | 067T 40D15115P | EC 150uF 450V                         |            |
| C907  | 067T 40D15115P | EC 150uF 450V                         |            |
| FB906 | 071G 55 21     | FERRITE BEAD                          |            |

|       |                   |                                           |  |
|-------|-------------------|-------------------------------------------|--|
| L921  | 073G 253 91 LS    | CHOKE BY LI SHIN                          |  |
| L922  | 073G 253 91 LS    | CHOKE BY LI SHIN                          |  |
| L905  | 073G 253150 L     | CHOCK                                     |  |
| L906  | 073G 253155 L     | CHOKE                                     |  |
| L903  | 073T 174 70 L     | 120UH                                     |  |
| L903  | 073T 174 70 S     | CHOKE                                     |  |
| L907  | 073T 174 83 L     | LINE FILTER LITAI                         |  |
| L907  | 073T 174 83 T     | LINE FILTER TDK                           |  |
| L907  | 073T 174 83 LS    | LINE FILTER LISHIN                        |  |
| L911  | 073T 174 86 L     | LINE FILTER 7mH LITAI                     |  |
| L902  | 073T 174 86 L     | LINE FILTER 7mH LITAI                     |  |
| L901  | 073T 174 86 L     | LINE FILTER 7mH LITAI                     |  |
| L911  | 073T 174 86 T     | LINE FILTER 7mH TDK                       |  |
| L902  | 073T 174 86 T     | LINE FILTER 7mH TDK                       |  |
| L901  | 073T 174 86 T     | LINE FILTER 7mH TDK                       |  |
| T903  | 080TL37T 1 L      | XFMR FOR POWER LITAI                      |  |
| T903  | 080TL37T 1 T      | XFMR FOR POWER TDK                        |  |
| T903  | 080TL37T 1 LS     | XFMR FOR POWER LISHIN                     |  |
| T901  | 080TL37T 2 L      | XFMR FOR POWER LITAI                      |  |
| T901  | 080TL37T 2 T      | XFMR FOR POWER TDK                        |  |
| T901  | 080TL37T 2 LS     | XFMR FOR POWER LISHIN                     |  |
| RJ901 | 095G 90 26        | COPPER MANGANESE WIRE<br>CM 1.2mm 8 m OHM |  |
|       | 705T3724057002    | 37" LCD TV POWER ASS'Y                    |  |
|       | 705T3724057093    | 37" LCD TV POWER ASS'Y                    |  |
| Q900  | 057G 667 21       | STP10NK70ZFP                              |  |
|       | 705T3724061030    | 0.3OHM/3W ASS'Y                           |  |
|       | 705T3724061033    | 0.33OHM/3W ASS'Y                          |  |
|       | 705T3724061056    | 0.56OHM/3W ASS'Y                          |  |
|       | 705T3724061470    | 47OHM/1W ASS'Y                            |  |
| Q902  | 057G 600 35       | STP8NK80ZFP                               |  |
| Q902  | 057G 667 32       | MOSFET_9A/800V_STP10NK80ZFP_<br>TO-220FP  |  |
|       | 705T3724093001    | 37" LCD TV POWER ASS'Y                    |  |
|       | 705T3724093002    | 37" LCD TV POWER ASS'Y                    |  |
|       | 705TQ715008       | BRACKET ASS'Y                             |  |
|       | 705TQ734087       | BEZEL ASS'Y                               |  |
|       | 705TQ734088       | STAND ASS'Y                               |  |
| Q901  | 057G 611 5        | FET FCA20N60 TO-3P FAIRCHILD              |  |
| Q901  | 057T 667 45       | FET 2SK3697-01 FUJI                       |  |
| Q901  | 057T 667 48       | TRA STW25NM60N TO-247 ST                  |  |
| D902  | 093G 220 22       | YG972S6R                                  |  |
| D902  | 093G 220 23       | FMX-G26S                                  |  |
|       | 705TQ793014       | BD901 ASS'Y                               |  |
|       | 705TQLK0B34007    | BACK COVER ASS'Y                          |  |
| R912  | 061G153M308 59    | 0.3 OHM 5% 3W                             |  |
|       | 705TQLK0C65001    | A4 FOR ADAPTER ASS'Y                      |  |
| R931  | 061T153M338 59    | RST MOFR 0.33OHM +-5% 3WS                 |  |
|       | 715T1635 3        | AUDIO BOARD PCB                           |  |
| R978  | 061T153M568 59    | RST MOFR 0.56 OHM +-5% 3WS                |  |
|       | 715T1814 1        | MAIN BOARD PCB                            |  |
| R939  | 061T 20847058F GP | 47 OHM 1W                                 |  |
|       | 715T1836 1        | IR BOARD PCB                              |  |
|       | 715T1836 1 2      | LED BOARD PCB                             |  |
| D910  | 093G 60258        | DIODE FME-220B TO-220 SANKEN              |  |
| D931  | 093G 60258        | DIODE FME-220B TO-220 SANKEN              |  |
| D932  | 093G 60258        | DIODE FME-220B TO-220 SANKEN              |  |

|       |                   |                              |  |
|-------|-------------------|------------------------------|--|
| D931  | 093G 60271        | MBRF20150CT ITO-220AB        |  |
| D910  | 093G 60271        | MBRF20150CT ITO-220AB        |  |
| D932  | 093G 60271        | MBRF20150CT ITO-220AB        |  |
|       | 715T1837 1        | CONNECT BOARD PCB            |  |
|       | 715T1852 4        | POWER BOARD PCB              |  |
|       | 715T1886 1        | KEY BOARD PCB                |  |
| D924  | 093G 60258        | DIODE FME-220B TO-220 SANKEN |  |
| D921  | 093G1506 2        | FMW-2156                     |  |
|       | 715T2275 3        | TUNER BOARD PCB              |  |
|       | ADPC24240A1P      | ADAPTER BOARD                |  |
|       | CBPF6T1SQ4        | MAIN BOARD                   |  |
| BD901 | 093G 50460 19     | BRIDGE D25XB60 SHINDENGEN    |  |
|       | EFPFLA1P          | E-FRAME BOARD                |  |
|       | IRPFLA4P          | IR BOARD                     |  |
|       | KEPFL60KA2P       | KEY BOARD                    |  |
| RV901 | 061G 46 12 GP     | TNR15G681K                   |  |
| NR901 | 061G 58050 WT GP  | 5 OHM /5A NTCR               |  |
| C910  | 063G213J105GFA    | MPF CAP                      |  |
| C911  | 063G213J105GFA    | MPF CAP                      |  |
| C910  | 063G213J105GFC    | CAP MPE 1UF J 450V           |  |
| C911  | 063G213J105GFC    | CAP MPE 1UF J 450V           |  |
| C969  | 065G306M4722F2    | 4700PF+-20% Y1               |  |
| C900  | 065T306K3312F2    | Y1 330PF K 250VAC            |  |
| C902  | 065T306K6812F2    | Y1 680PF K 250VAC            |  |
| C905  | 065T306K6812F2    | Y1 680PF K 250VAC            |  |
| C901  | 065T306M1022F2    | Y1 1000PF M 250VAC           |  |
| C903  | 065T306M1022F2    | Y1 1000PF M 250VAC           |  |
| C904  | 065T306M1022F2    | Y1 1000PF M 250VAC           |  |
| C959  | 067G215L102 4N GP | KY25VB1000M-L 12.5*20        |  |
| C960  | 067G215L102 4N GP | KY25VB1000M-L 12.5*20        |  |
| C956  | 067G215L102 4N GP | KY25VB1000M-L 12.5*20        |  |
| C972  | 067G215L102 4N GP | KY25VB1000M-L 12.5*20        |  |
| C962  | 067G215L102 4N GP | KY25VB1000M-L 12.5*20        |  |
| C963  | 067G215L471 4N    | KY25VB470M-L10*16            |  |
| C935  | 067G215L471 6N    | KY35VB470M-L 10*20MM         |  |
| C941  | 067G215L471 6N    | KY35VB470M-L 10*20MM         |  |
| C962  | 067G215V102 4R    | LOW E.S.R 1000UF +/-20% 25V  |  |
| C972  | 067G215V102 4R    | LOW E.S.R 1000UF +/-20% 25V  |  |
| C956  | 067G215V102 4R    | LOW E.S.R 1000UF +/-20% 25V  |  |
| C960  | 067G215V102 4R    | LOW E.S.R 1000UF +/-20% 25V  |  |
| C959  | 067G215V102 4R    | LOW E.S.R 1000UF +/-20% 25V  |  |
| FB903 | 071G 55 29        | FERRITE BEAD                 |  |
| FB904 | 071G 55 29        | FERRITE BEAD                 |  |
| D901  | 093G 5241T52T     | 1N5406                       |  |
| D916  | 093G 6038T52T     | FR103                        |  |
| D904  | 093G 6038T52T     | FR103                        |  |
| D906  | 093G1100 1052T    | BA159GPT DO-41 CHENMKO       |  |
| D907  | 093G1100 1052T    | BA159GPT DO-41 CHENMKO       |  |
| IC931 | 056G 192 16       | IC FP130KR-LF FEELING        |  |
| IC902 | 056G 379 57       | NCP1377BDR2G S0IC-8          |  |
| IC905 | 056G 379 61       | LD7575PS SOP-8               |  |
| IC901 | 056G 538 6        | FA5500AN                     |  |
| IC111 | 056G 643 14       | IC NCP305LSQ18T1G SC-82AB    |  |
| Q921  | 057G 417 4        | PMBS3904/PHILIPS-SMT(04)     |  |
| Q923  | 057G 417 4        | PMBS3904/PHILIPS-SMT(04)     |  |
| Q915  | 057G 417 4        | PMBS3904/PHILIPS-SMT(04)     |  |
| Q904  | 057G 417 4        | PMBS3904/PHILIPS-SMT(04)     |  |

|       |                |                              |  |
|-------|----------------|------------------------------|--|
| Q903  | 057G 417 4     | PMBS3904/PHILIPS-SMT(04)     |  |
| Q914  | 057G 417 6     | PMBS3906/PHILIPS-SMT(06)     |  |
| Q910  | 057G 417 6     | PMBS3906/PHILIPS-SMT(06)     |  |
| Q907  | 057G 763 3     | AO4411 SO-8                  |  |
| R950  | 061G0603102    | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R951  | 061G0603102    | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R952  | 061G0603102    | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R953  | 061G0603102    | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R908  | 061G0805000    | RST CHIP MAX 0R05 1/8W       |  |
| R945  | 061G0805000    | RST CHIP MAX 0R05 1/8W       |  |
| R906  | 061G0805100 2F | RST CHIPR 10KOHM +-1% 1/8W   |  |
| R919  | 061G0805100 2F | RST CHIPR 10KOHM +-1% 1/8W   |  |
| R930  | 061G0805101    | 1ST CHIPR 100 OHM +-5% 1/8W  |  |
| R995  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R993  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R988  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R986  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R979  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R966  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R924  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R923  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R921  | 061G0805102    | RST CHIPR 1K OHM +-5% 1/8W   |  |
| R998  | 061G0805103    | RST CHIPR 10K OHM +-5% 1/8W  |  |
| R977  | 061G0805103    | RST CHIPR 10K OHM +-5% 1/8W  |  |
| R944  | 061G0805103    | RST CHIPR 10K OHM +-5% 1/8W  |  |
| R927  | 061G0805103    | RST CHIPR 10K OHM +-5% 1/8W  |  |
| R914  | 061G0805103    | RST CHIPR 10K OHM +-5% 1/8W  |  |
| R974  | 061G0805104    | RST CHIPR 100K OHM +-5% 1/8W |  |
| R981  | 061G0805104    | RST CHIPR 100K OHM +-5% 1/8W |  |
| R947  | 061G0805150 1F | RST CHIPR 1.5 KOHM +-1% 1/8W |  |
| R946  | 061G0805150 2F | RST CHIPR 15 KOHM +-1% 1/8W  |  |
| R938  | 061G0805180 2F | RST CHIPR 18 KOHM +-1% 1/8W  |  |
| R942  | 061G0805202    | RST CHIPR 2K OHM +-5% 1/8W   |  |
| R910  | 061G0805203    | CHIP 20KOHM 1/10W            |  |
| R929  | 061G0805203    | CHIP 20KOHM 1/10W            |  |
| R949  | 061G0805203    | CHIP 20KOHM 1/10W            |  |
| R935  | 061G0805203    | CHIP 20KOHM 1/10W            |  |
| R928  | 061G0805220    | RST CHIPR 22 OHM +-5% 1/8W   |  |
| R909  | 061G0805220    | RST CHIPR 22 OHM +-5% 1/8W   |  |
| R933  | 061G0805240 1F | RST CHIPR 2.4K OHM +-1% 1/8W |  |
| R954  | 061G0805243    | RST CHIPR 24 KOHM +-5% 1/8W  |  |
| R967  | 061G0805274    | RST CHIPR 270 KOHM +-5% 1/8W |  |
| R934  | 061G0805330 2F | RST CHIPR 33K OHM +-1% 1/8W  |  |
| R987  | 061G0805333    | RST CHIPR 33 KOHM +-5% 1/8W  |  |
| R114  | 061G0805334    | RST CHIPR 330 KOHM +-5% 1/8W |  |
| R999  | 061G0805360 1F | RST CHIPR 3.6K OHM +-1% 1/8W |  |
| R907  | 061G0805683    | RST CHIPR 68K OHM +-5% 1/8W  |  |
| R990  | 061G0805753    | CHIP 75KOHM 1/10W            |  |
| F903  | 061G1206000    | RST CHIP MAX 0R05 1/4W       |  |
| R905  | 061G1206000    | RST CHIP MAX 0R05 1/4W       |  |
| ZD909 | 061G1206000    | RST CHIP MAX 0R05 1/4W       |  |
| J944  | 061G1206000 4  | RST CHIP MAX 0R05 1/4W       |  |
| R976  | 061G1206100    | RST CHIPR 10 OHM +-5% 1/4W   |  |
| J916  | 061G1206101    | RST CHIPR 100 OHM +-5% 1/4W  |  |
| R955  | 061G1206102    | RST CHIPR 1k OHM +-5% 1/4W   |  |
| R985  | 061G1206103    | RST CHIPR 10K OHM +-5% 1/4W  |  |
| R922  | 061G1206103    | RST CHIPR 10K OHM +-5% 1/4W  |  |

|       |                |                                |  |
|-------|----------------|--------------------------------|--|
| R965  | 061G1206103    | RST CHIPR 10K OHM +-5% 1/4W    |  |
| R920  | 061G1206104    | RST CHIPR 100 KOHM +-5% 1/4W   |  |
| R992  | 061G1206202    | RST CHIPR 2 KOHM +-5% 1/4W     |  |
| R991  | 061G1206202    | RST CHIPR 2 KOHM +-5% 1/4W     |  |
| R973  | 061G1206229    | RST CHIPR 2.2 OHM +-5% 1/4W    |  |
| R917  | 061G1206334    | RST CHIPR 330KOHM +-5% 1/4W    |  |
| R900  | 061G1206334    | RST CHIPR 330KOHM +-5% 1/4W    |  |
| R901  | 061G1206334    | RST CHIPR 330KOHM +-5% 1/4W    |  |
| R902  | 061G1206334    | RST CHIPR 330KOHM +-5% 1/4W    |  |
| R915  | 061G1206334    | RST CHIPR 330KOHM +-5% 1/4W    |  |
| R916  | 061G1206334    | RST CHIPR 330KOHM +-5% 1/4W    |  |
| R960  | 061G1206471    | RST CHIPR 470 OHM +-5% 1/4W    |  |
| R113  | 061G1206475    | RST CHIPR 4.7 MOHM +-5% 1/4W   |  |
| R112  | 061G1206475    | RST CHIPR 4.7 MOHM +-5% 1/4W   |  |
| R111  | 061G1206475    | RST CHIPR 4.7 MOHM +-5% 1/4W   |  |
| R904  | 061G1206624    | RST CHIPR 620 KOHM +-5% 1/4W   |  |
| R903  | 061G1206624    | RST CHIPR 620 KOHM +-5% 1/4W   |  |
| C970  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C923  | 065G0805101 31 | CHIP 100PF 50V NPO 0805        |  |
| C942  | 065G0805102 31 | CAP CHIP 0805 1000PF J 50V NPO |  |
| C940  | 065G0805103 32 | CAP CHIP 0805 10NF K 50V X7R   |  |
| C915  | 065G0805103 32 | CAP CHIP 0805 10NF K 50V X7R   |  |
| C946  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C947  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C954  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C961  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C964  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C965  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C966  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C968  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C973  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C112  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C912  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C914  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C919  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C925  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C936  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C943  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C944  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C945  | 065G0805104 32 | CAP CHIP 0805 0.1uF K 50V X7R  |  |
| C967  | 065G0805105 22 | CAP CHIP 0805 1uF K 25V X7R    |  |
| C927  | 065G0805152 22 | CHIP 1500PF 25V X7R 0805       |  |
| C916  | 065G0805221 31 | CAP CHIP 0805 220PF J 50V NPO  |  |
| C952  | 065G0805221 32 | CHIP 220PF 50V X7R 0805        |  |
| C918  | 065G0805331 32 | CHIP 330P 50V X7R 0805         |  |
| C953  | 065G0805471 22 | 470PF 25V                      |  |
| C926  | 065G0805471 31 | CHIP 470PF 50V NPO             |  |
| C917  | 065G0805474 22 | CHIP 0.47UF 25V X7R 0805       |  |
| D920  | 093G 6432S     | 1N4148W                        |  |
| D917  | 093G 6432S     | 1N4148W                        |  |
| D915  | 093G 6432S     | 1N4148W                        |  |
| D913  | 093G 6432S     | 1N4148W                        |  |
| D911  | 093G 6432S     | 1N4148W                        |  |
| D908  | 093G 6432S     | 1N4148W                        |  |
| D903  | 093G 6432S     | 1N4148W                        |  |
| D918  | 093G 6432S     | 1N4148W                        |  |
| ZD906 | 093G 39S 15 T  | RLZ15B LLDS                    |  |

|        |                   |                                |  |
|--------|-------------------|--------------------------------|--|
| ZD922  | 093G 39S 25 T     | RLZ5.1B LLDS                   |  |
| ZD920  | 093G 39S 38 T     | PTZ 9.1B                       |  |
| ZD921  | 093G 39S 40 T     | RLZ 13B LLDS                   |  |
| ZD905  | 093G 39S 41 T     | RLZ24B LLDS                    |  |
| ZD910  | 093G 39S 44 T     | RLZ18B LLDS                    |  |
| ZD901  | 093G 39S 44 T     | RLZ18B LLDS                    |  |
| IC911  | 056G 158 12       | KIA431A-AT/P TO-92             |  |
| IC921  | 056G 158 12       | KIA431A-AT/P TO-92             |  |
| SCR901 | 057T 566 1        | 2N5060RLRAG TO-92 BY ON        |  |
| R932   | 061G 17210252T    | 1K OHM 5% 1/4W                 |  |
| R997   | 061G 17247152T    | 470OHM 5% 1/4W                 |  |
| R994   | 061G 60215252T    | CFR 1.5K OHM+-5% 1/6W          |  |
| R926   | 061G 60220352T    | CFR 20K OHM+-5% 1/6W           |  |
| R941   | 061G 60247152T    | 470OHM +-5% 1/6W               |  |
| R983   | 061G175L47052T    | 47OHM +-5% 1/2W                |  |
| R984   | 061G175L47052T    | 47OHM +-5% 1/2W                |  |
| R911   | 061T 60233152T    | 330 OHM +-5% 1/6W              |  |
| C938   | 065G 1K102 5T6921 | 1000PF/1KV                     |  |
| C950   | 065G 1K152 1T     | 1.5NF/1KV Z5F+-10%             |  |
| C930   | 065G 1K222 2T6921 | CAP CER 2200PF K 1KV           |  |
| C922   | 065G 1K222 2T6921 | CAP CER 2200PF K 1KV           |  |
| C929   | 065G 1M103 3T6921 | 0.01uf 20% 1000V Y5V           |  |
| C921   | 065G 1M103 3T6921 | 0.01uf 20% 1000V Y5V           |  |
| C974   | 065G 1M103 3T6921 | 0.01uf 20% 1000V Y5V           |  |
| C985   | 065G 1M103 3T6921 | 0.01uf 20% 1000V Y5V           |  |
| C111   | 065G 1M103 3T6921 | 0.01uf 20% 1000V Y5V           |  |
| C957   | 065G517K102 5T    | 1000PF 10% Y5P 500V            |  |
| C958   | 065G517K102 5T    | 1000PF 10% Y5P 500V            |  |
| C920   | 067G 2152207NT    | KY50VB22M-TP5 5*11             |  |
| C913   | 067G 2152207NT    | KY50VB22M-TP5 5*11             |  |
| C951   | 067G 2152207NT    | KY50VB22M-TP5 5*11             |  |
| C951   | 067G 2152207RT    | LOW E.S.R 22UF +/-20% 50V      |  |
| C920   | 067G 2152207RT    | LOW E.S.R 22UF +/-20% 50V      |  |
| C913   | 067G 2152207RT    | LOW E.S.R 22UF +/-20% 50V      |  |
| C924   | 067G 2154707NT    | KY50VB47M-TP5 6.3*11           |  |
| FB905  | 071G 55 29        | FERRITE BEAD                   |  |
| FB902  | 071G 55 29        | FERRITE BEAD                   |  |
| FB901  | 071G 55 29        | FERRITE BEAD                   |  |
| F901   | 084G 55 4         | FUSE 382-5A 250V WICKMANN      |  |
| F902   | 084T 55 2         | FUSE                           |  |
| ZD903  | 093G 3917052T     | MTZJ27B (24.97-26.26V)         |  |
| ZD904  | 093G 3917052T     | MTZJ27B (24.97-26.26V)         |  |
| D923   | 093G 64 1152T     | 1N4148                         |  |
| D111   | 093G1100 1052T    | BA159GPT DO-41 CHENMKO         |  |
| D900   | 093G1100 1052T    | BA159GPT DO-41 CHENMKO         |  |
|        | LEPFLA4P          | LED BOARD                      |  |
|        | PTPFLA1P          | OPTION BOARD                   |  |
|        | Q07G 7 T 84       | COMPOUND PALLET                |  |
|        | Q07G 7 T 85       | COMPOUND PALLET                |  |
| CN200  | 033G3278 12       | WAFER                          |  |
| CN502  | 033G3802 5H       | WAFER 5P RIGHT ANGLE PITCH     |  |
| CN203  | 033G3802 8H       | WAFER 8P RIGHT ANGLE PITCH 2.0 |  |
| CN300  | 033G802724D H     | 24PIN                          |  |
| CN500  | 033T3278 2 H      | WAFER 2P RIGHT ANGLE           |  |
| CN501  | 033T3278 3 H      | WAFER 3P RIGHT ANGLE           |  |
| CN404  | 033T8017 2        | PIN HEADER 2P 2.0MM            |  |
| CN201  | 033T801736A H     | PIN HEADER 36P 2.0MM           |  |

|      |                            |                                       |  |
|------|----------------------------|---------------------------------------|--|
| R718 | 061G152M100 64             | 10OHM 5% 2W                           |  |
| R716 | 061G152M229 64             | 2.2 OHM 2W 5% MOF                     |  |
| R717 | 061G152M479 64             | RST MOFR 4.7 OHM +-5% 2WS             |  |
| R719 | 061G152M479 64             | RST MOFR 4.7 OHM +-5% 2WS             |  |
| R524 | 061G153M109 59             | MOFR 1 OHM +-5% 3W                    |  |
| R525 | 061G153M109 59             | MOFR 1 OHM +-5% 3W                    |  |
| C548 | 067G215C1024KV             | EC 105°C CAP 1000UF M 25V             |  |
| L701 | 073G 253137 ER             | CHOKE COIG BY EROCORE SCB-03          |  |
| L705 | 073G 253137 ER             | CHOKE COIG BY EROCORE SCB-03          |  |
| L500 | 073G 253158 L              | INUDCTOR 15UH PE-54041S LCI-50        |  |
| L504 | 073G 253158 L              | INUDCTOR 15UH PE-54041S LCI-50        |  |
| L505 | 073G 253158 L              | INUDCTOR 15UH PE-54041S LCI-50        |  |
| L506 | 073G 253158 L              | INUDCTOR 15UH PE-54041S LCI-50        |  |
| L505 | 073T 253158 H              | CHOKE COIL 22uH+/-25%                 |  |
| L506 | 073T 253158 H              | CHOKE COIL 22uH+/-25%                 |  |
| L500 | 073T 253158 H              | CHOKE COIL 22uH+/-25%                 |  |
| L504 | 073T 253158 H              | CHOKE COIL 22uH+/-25%                 |  |
| P201 | 088G 30214K                | PHONE JACK 5PIN                       |  |
| P200 | 088G 35315F HA             | D-SUB 15PIN                           |  |
| U302 | 090T 372 2                 | HEAT SINK                             |  |
| U503 | 090T6068 2                 | HEAT SINK                             |  |
| X300 | 093G 2253B J               | 14.31818MHZ/85C                       |  |
| X401 | 093T 2279B                 | CRYSTAL 28.322MHZ 49U/S               |  |
| X400 | 093T 2281B                 | 10.000MHZ/30PF/49US                   |  |
|      | Q07G 7 T 89                | COMPOUND PALLET                       |  |
| U500 | 056G 133 30AAC             | AZ1117H-ADJ-E1                        |  |
| U711 | 056G 133 33AAC             | AZ1117H-1.8-E1                        |  |
| U302 | 056G 562600                | SVP-EX52LF QFP256                     |  |
| U712 | 056G 563 7                 | IC AIC1084-33PMTR-R AIC               |  |
| U703 | 056G 563 25                | IC A1C1084-33PETR-R AIC               |  |
| U710 | 056G 563 31                | IC AZ1117D-1.8-E1                     |  |
| U708 | 056G 563 31                | IC AZ1117D-1.8-E1                     |  |
| U700 | 056G 563 34                | IC AIC1084-18PMTR-R AIC               |  |
| U701 | 056G 585 9                 | IC AP1117E50LA ANACHIP                |  |
| U705 | 056G 585 4A                | IC AP1117E33L-13                      |  |
| U702 | 056G 585 4A                | IC AP1117E33L-13                      |  |
| U202 | 056G 614 1                 | 74HC4052D S016 PHLIPS                 |  |
| U301 | 056G 615 9                 | EM6A9320BI-5MG FBGA-144               |  |
| U301 | 056G 615 9                 | IC EM6A9320BI-5MG 0.11um "M" FBGA-144 |  |
| U504 | 056G 616 3                 | IC PT2308-S-TP(L) SO-8                |  |
| U502 | 056G 628 4                 | NJW1147M-PF                           |  |
| U206 | 056G 634 2 1               | IC PI5V330SQEX QSOP-16 PERICOM        |  |
| U200 | 056G1133 34                | M24C02-WMN6TP                         |  |
| U405 | 056G1133 34                | M24C02-WMN6TP                         |  |
| U401 | 056G1133 80-056T1133 80ET3 | IC A29040BL-70F PLCC-32 AMIC          |  |
| U201 | 056G4LVC 14 P              | 74LVC14ADT                            |  |
| U303 | 056G566N600                | IC NDC7002N SOT-6 FAIRCHILD           |  |
| U503 | 056T 535 8                 | MAX9704                               |  |
| U704 | 056T 563 44                | AME8815BEGT 250Z SOP-223              |  |
| U706 | 056T 563 44                | AME8815BEGT 250Z SOP-223              |  |
| U407 | 056T 586 6                 | IC SiI9023CTU TQFP-144 SILICON IMAGE  |  |
| U300 | 056T 615104                | LY61256RL-12E TSOP-1                  |  |
| U300 | 056T 615105                | AS 7C256A-10TIN TSOP-1                |  |
| U408 | 056T 638601                | CS4344-CZZ                            |  |
| U406 | 056T 662 4                 | RCLAMP0514M.TBT                       |  |
| U410 | 056T 662 4                 | RCLAMP0514M.TBT                       |  |
| U402 | 056T1125182                | IC M30300SAGP RENESAS                 |  |

|       |                            |                                     |  |
|-------|----------------------------|-------------------------------------|--|
| U401  | 056T1133 77-056T1133 77ET3 | EN29F040A-70JCP                     |  |
| U403  | 056T1133 78                | 24LC64 ISNG SOIC(150MIL)            |  |
| Q403  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q404  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q502  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q704  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q705  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q706  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q708  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q709  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q200  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q201  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q202  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q204  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q206  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q300  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q301  | 057G 417 4                 | PMBS3904/PHILIPS-SMT(04)            |  |
| Q205  | 057G 417 6                 | PMBS3906/PHILIPS-SMT(06)            |  |
| Q302  | 057G 417 6                 | PMBS3906/PHILIPS-SMT(06)            |  |
| Q402  | 057G 417 6                 | PMBS3906/PHILIPS-SMT(06)            |  |
| Q501  | 057G 417 6                 | PMBS3906/PHILIPS-SMT(06)            |  |
| Q203  | 057G 417 6                 | PMBS3906/PHILIPS-SMT(06)            |  |
| Q405  | 057G 600 54                | BSN20                               |  |
| Q400  | 057G 600 54                | BSN20                               |  |
| U409  | 057G 763 15                | FET FDC6301N SSOT-6 FAIRCHILD       |  |
| Q700  | 057G 763 3B                | AM9435P.T1-PF SO-8                  |  |
| Q701  | 057G 763 3B                | AM9435P.T1-PF SO-8                  |  |
| Q702  | 057G 763 3B                | AM9435P.T1-PF SO-8                  |  |
| Q703  | 057G 763 3B                | AM9435P.T1-PF SO-8                  |  |
| Q707  | 057G 763 3B                | AM9435P.T1-PF SO-8                  |  |
| RN300 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RN311 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RN312 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RN313 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RP400 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RP401 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RP402 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RP403 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RP404 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RP405 | 061G 125101 8              | RST CHIP AR 8P4R 100 OHM +-5% 1/16W |  |
| RN301 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN308 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN307 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN306 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN305 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN304 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN303 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN302 | 061G 125220 8              | RST CHIP AR 8P4R 22 OHM +-5% 1/16W  |  |
| RN405 | 061G 125330 8              | RST CHIP AR 8P4R 33 OHM +-5% 1/16W  |  |
| RN404 | 061G 125330 8              | RST CHIP AR 8P4R 33 OHM +-5% 1/16W  |  |
| RN403 | 061G 125330 8              | RST CHIP AR 8P4R 33 OHM +-5% 1/16W  |  |
| RN402 | 061G 125330 8              | RST CHIP AR 8P4R 33 OHM +-5% 1/16W  |  |
| RN401 | 061G 125330 8              | RST CHIP AR 8P4R 33 OHM +-5% 1/16W  |  |
| RN400 | 061G 125330 8              | RST CHIP AR 8P4R 33 OHM +-5% 1/16W  |  |
| RP406 | 061G 125470 8              | RST CHIP AR 8P4R 47 OHM +-5% 1/16W  |  |
| R780  | 061G0603000                | RST CHIP MAX 0R05 1/10W             |  |
| R700  | 061G0603000                | RST CHIP MAX 0R05 1/10W             |  |

|       |             |                              |  |
|-------|-------------|------------------------------|--|
| R536  | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R423  | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R4004 | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R311  | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R310  | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R300  | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R219  | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R200  | 061G0603000 | RST CHIP MAX 0R05 1/10W      |  |
| R335  | 061G0603100 | RST CHIPR 10 OHM +-5% 1/10W  |  |
| R440  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R441  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R442  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R443  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R445  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R447  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R460  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R410  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R431  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R483  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R464  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R471  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R472  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R475  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R470  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R462  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R421  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R422  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R485  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R494  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R497  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R534  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R537  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R539  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R540  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R408  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R405  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R4021 | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R4020 | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R4008 | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R4007 | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R544  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R543  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R541  | 061G0603101 | RST CHIPR 100 OHM +-5% 1/10W |  |
| R307  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R223  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R538  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R533  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R498  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R484  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R346  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R340  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R309  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R308  | 061G0603102 | RST CHIPR 1K OHM +-5% 1/10W  |  |
| R4026 | 061G0603103 | RST CHIPR 10 KOHM +-5% 1/10W |  |
| R4027 | 061G0603103 | RST CHIPR 10 KOHM +-5% 1/10W |  |
| R430  | 061G0603103 | RST CHIPR 10 KOHM +-5% 1/10W |  |
| R474  | 061G0603103 | RST CHIPR 10 KOHM +-5% 1/10W |  |

|       |                |                               |  |
|-------|----------------|-------------------------------|--|
| R477  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R546  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R555  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R711  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R332  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R4025 | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R4024 | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R4023 | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R4022 | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R476  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R527  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R554  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R558  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R336  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R341  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W  |  |
| R712  | 061G0603104    | RST CHIPR 100 KOHM +-5% 1/10W |  |
| R548  | 061G0603104    | RST CHIPR 100 KOHM +-5% 1/10W |  |
| R231  | 061G0603104    | RST CHIPR 100 KOHM +-5% 1/10W |  |
| R4019 | 061G0603105    | RST CHIPR 1M OHM +-5% 1/10W   |  |
| R228  | 061G0603105    | RST CHIPR 1M OHM +-5% 1/10W   |  |
| R547  | 061G0603120 0F | RST CHIPR 120 OHM +-1% 1/10W  |  |
| R246  | 061G0603121    | RST CHIPR 120 OHM +-5% 1/10W  |  |
| R333  | 061G0603122    | RST CHIPR 1.2 KOHM +-5% 1/10W |  |
| R342  | 061G0603122    | RST CHIPR 1.2 KOHM +-5% 1/10W |  |
| R204  | 061G0603123    | RST CHIPR 12 KOHM +-5% 1/10W  |  |
| R221  | 061G0603123    | RST CHIPR 12 KOHM +-5% 1/10W  |  |
| R243  | 061G0603123    | RST CHIPR 12 KOHM +-5% 1/10W  |  |
| R306  | 061G0603150    | RST CHIPR 15 OHM +-5% 1/10W   |  |
| R305  | 061G0603150    | RST CHIPR 15 OHM +-5% 1/10W   |  |
| R304  | 061G0603150    | RST CHIPR 15 OHM +-5% 1/10W   |  |
| R303  | 061G0603150    | RST CHIPR 15 OHM +-5% 1/10W   |  |
| R226  | 061G0603151    | RST CHIPR 150 OHM +-5% 1/10W  |  |
| R209  | 061G0603151    | RST CHIPR 150 OHM +-5% 1/10W  |  |
| R314  | 061G0603152    | RST CHIPR 1.5 KOHM +-5% 1/10W |  |
| R4017 | 061G0603181    | RST CHIPR 180 OHM +-5% 1/10W  |  |
| R229  | 061G0603184    | RST CHIPR 180 KOHM +-5% 1/10W |  |
| R224  | 061G0603184    | RST CHIPR 180 KOHM +-5% 1/10W |  |
| R492  | 061G0603202    | RST CHIPR 2 KOHM +-5% 1/10W   |  |
| R434  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R429  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R428  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R426  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R425  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R424  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R245  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R220  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R216  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R214  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R211  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R210  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R203  | 061G0603220    | RST CHIPR 22 OHM +-5% 1/10W   |  |
| R473  | 061G0603221    | RST CHIPR 220 OHM +-5% 1/10W  |  |
| R345  | 061G0603222    | RST CHIPR 2.2 KOHM +-5% 1/10W |  |
| R208  | 061G0603223    | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R225  | 061G0603223    | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R244  | 061G0603223    | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R315  | 061G0603223    | RST CHIPR 22 KOHM +-5% 1/10W  |  |

|       |             |                               |  |
|-------|-------------|-------------------------------|--|
| R320  | 061G0603223 | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R706  | 061G0603223 | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R707  | 061G0603223 | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R709  | 061G0603223 | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R715  | 061G0603223 | RST CHIPR 22 KOHM +-5% 1/10W  |  |
| R4016 | 061G0603330 | RST CHIPR 33 OHM +-5% 1/10W   |  |
| R414  | 061G0603330 | RST CHIPR 33 OHM +-5% 1/10W   |  |
| R415  | 061G0603330 | RST CHIPR 33 OHM +-5% 1/10W   |  |
| R419  | 061G0603330 | RST CHIPR 33 OHM +-5% 1/10W   |  |
| R420  | 061G0603330 | RST CHIPR 33 OHM +-5% 1/10W   |  |
| R4009 | 061G0603330 | RST CHIPR 33 OHM +-5% 1/10W   |  |
| R560  | 061G0603331 | RST CHIP 330R 1/10W 5%        |  |
| R559  | 061G0603331 | RST CHIP 330R 1/10W 5%        |  |
| R557  | 061G0603392 | RST CHIPR 3.9 KOHM +-5% 1/10W |  |
| R556  | 061G0603392 | RST CHIPR 3.9 KOHM +-5% 1/10W |  |
| R550  | 061G0603392 | RST CHIPR 3.9 KOHM +-5% 1/10W |  |
| R551  | 061G0603392 | RST CHIPR 3.9 KOHM +-5% 1/10W |  |
| R552  | 061G0603392 | RST CHIPR 3.9 KOHM +-5% 1/10W |  |
| R553  | 061G0603392 | RST CHIPR 3.9 KOHM +-5% 1/10W |  |
| R535  | 061G0603432 | RST CHIPR 4.3 KOHM +-5% 1/10W |  |
| R531  | 061G0603432 | RST CHIPR 4.3 KOHM +-5% 1/10W |  |
| R4001 | 061G0603470 | RST CHIPR 47 OHM +-5% 1/10W   |  |
| R4005 | 061G0603470 | RST CHIPR 47 OHM +-5% 1/10W   |  |
| R4006 | 061G0603470 | RST CHIPR 47 OHM +-5% 1/10W   |  |
| R499  | 061G0603470 | RST CHIPR 47 OHM +-5% 1/10W   |  |
| R316  | 061G0603471 | RST CHIPR 470 OHM +-5% 1/10W  |  |
| R321  | 061G0603471 | RST CHIPR 470 OHM +-5% 1/10W  |  |
| R339  | 061G0603471 | RST CHIPR 470 OHM +-5% 1/10W  |  |
| R344  | 061G0603471 | RST CHIPR 470 OHM +-5% 1/10W  |  |
| R481  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R480  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R479  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R469  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R468  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R458  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R457  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R454  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R453  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R451  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R450  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R449  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R448  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R444  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R439  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R438  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R437  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R436  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R435  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R433  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R427  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R482  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R418  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R417  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R404  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R412  | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R4028 | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R4029 | 061G0603472 | RST CHIPR 4.7K OHM +-5% 1/10W |  |

|       |                |                               |  |
|-------|----------------|-------------------------------|--|
| R403  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R4030 | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R217  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R218  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R330  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R331  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R334  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R4013 | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R4018 | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R402  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R532  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R495  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R491  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R490  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R486  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W |  |
| R713  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R703  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R702  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R701  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R496  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R432  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R232  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R230  | 061G0603473    | RST CHIPR 47 KOHM +-5% 1/10W  |  |
| R4014 | 061G0603474    | RST CHIPR 470 KOHM +-5% 1/10W |  |
| R4015 | 061G0603474    | RST CHIPR 470 KOHM +-5% 1/10W |  |
| R301  | 061G0603510    | RST CHIPR 51 OHM +-5% 1/10W   |  |
| R302  | 061G0603510    | RST CHIPR 51 OHM +-5% 1/10W   |  |
| R542  | 061G0603512    | RST CHIPR 5.1 KOHM +-5% 1/10W |  |
| R337  | 061G0603680    | RST CHIPR 68 OHM +-5% 1/10W   |  |
| R338  | 061G0603680    | RST CHIPR 68 OHM +-5% 1/10W   |  |
| R206  | 061G0603750    | RST CHIPR 75 OHM +-5% 1/10W   |  |
| R328  | 061G0603750    | RST CHIPR 75 OHM +-5% 1/10W   |  |
| R207  | 061G0603750    | RST CHIPR 75 OHM +-5% 1/10W   |  |
| R205  | 061G0603750    | RST CHIPR 75 OHM +-5% 1/10W   |  |
| R317  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W   |  |
| R318  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W   |  |
| R319  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W   |  |
| R705  | 061G0603752    | RST CHIPR 7.5 KOHM +-5% 1/10W |  |
| R704  | 061G0603752    | RST CHIPR 7.5 KOHM +-5% 1/10W |  |
| R545  | 061G0603820 1F | RST CHIPR 8.2 KOHM +-1% 1/10W |  |
| R714  | 061G0603822    | RST CHIPR 8.2 KOHM +-5% 1/10W |  |
| R478  | 061G0603822    | RST CHIPR 8.2 KOHM +-5% 1/10W |  |
| R526  | 061G0805000    | RST CHIP MAX 0R05 1/8W        |  |
| R528  | 061G0805000    | RST CHIP MAX 0R05 1/8W        |  |
| R529  | 061G0805000    | RST CHIP MAX 0R05 1/8W        |  |
| L709  | 061G0805000    | RST CHIP MAX 0R05 1/8W        |  |
| L711  | 061G0805000    | RST CHIP MAX 0R05 1/8W        |  |
| R708  | 061G0805302    | RST CHIPR 3K OHM +-5% 1/8W    |  |
| R710  | 061G0805302    | RST CHIPR 3K OHM +-5% 1/8W    |  |
| R549  | 061G1206620 0F | RST CHIPR 620 OHM +-1% 1/4W   |  |
| C576  | 065G0603101 31 | CER1 0603 NP0 50V 100P PM5 R  |  |
| C565  | 065G0603101 31 | CER1 0603 NP0 50V 100P PM5 R  |  |
| C409  | 065G0603101 31 | CER1 0603 NP0 50V 100P PM5 R  |  |
| C406  | 065G0603101 31 | CER1 0603 NP0 50V 100P PM5 R  |  |
| C405  | 065G0603101 31 | CER1 0603 NP0 50V 100P PM5 R  |  |
| C220  | 065G0603101 32 | 100PF +-10% 50V X7R           |  |
| C216  | 065G0603101 32 | 100PF +-10% 50V X7R           |  |

|      |                |                                |  |
|------|----------------|--------------------------------|--|
| C208 | 065G0603101 32 | 100PF +-10% 50V X7R            |  |
| C202 | 065G0603101 32 | 100PF +-10% 50V X7R            |  |
| C201 | 065G0603101 32 | 100PF +-10% 50V X7R            |  |
| C200 | 065G0603102 32 | 1000PF +-10% 50V X7R           |  |
| C224 | 065G0603102 32 | 1000PF +-10% 50V X7R           |  |
| C400 | 065G0603102 32 | 1000PF +-10% 50V X7R           |  |
| C500 | 065G0603102 32 | 1000PF +-10% 50V X7R           |  |
| C596 | 065G0603102 32 | 1000PF +-10% 50V X7R           |  |
| C790 | 065G0603102 32 | 1000PF +-10% 50V X7R           |  |
| C457 | 065G0603103 12 | CHIP 0.01UF 16V X7R            |  |
| C306 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C307 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C465 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C464 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C462 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C461 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C455 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C454 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C449 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C448 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C447 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C446 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C445 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C444 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C443 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C442 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C431 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C430 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C429 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C428 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C427 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C426 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C425 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C424 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C466 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C308 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C309 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C310 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C315 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C402 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C410 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C456 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C588 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C582 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C572 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C568 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C495 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C494 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C493 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C492 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C491 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C490 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C489 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C477 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C475 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C472 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C467 | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |

|       |                |                                |  |
|-------|----------------|--------------------------------|--|
| C301  | 065G0603103 32 | CAP CHIP 0603 0.01UF K 50V X7R |  |
| C722  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C342  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C339  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C318  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C232  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C223  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C222  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C221  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C214  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C213  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C211  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C210  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C207  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C206  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C204  | 065G0603104 12 | CER2 0603 X7R 16V 100N P       |  |
| C590  | 065G0603104 22 | CAP CHIP 0603 0.1UF K 25V X7R  |  |
| C371  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C372  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C373  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C374  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C370  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C336  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C340  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C344  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C346  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C348  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C349  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C351  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C352  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C353  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C354  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C356  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C357  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C358  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C360  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C361  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C362  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C363  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C364  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C365  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C366  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C368  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C375  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C398  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C4001 | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C407  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C417  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C420  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C421  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C422  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C423  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C436  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C438  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C439  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C440  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |
| C441  | 065G0603104 32 | CHIP 0.1UF 50V X7R             |  |

|      |                |                    |  |
|------|----------------|--------------------|--|
| C451 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C452 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C453 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C459 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C460 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C468 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C469 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C471 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C376 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C377 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C378 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C379 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C380 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C381 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C382 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C383 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C384 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C385 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C386 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C387 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C388 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C389 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C390 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C391 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C392 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C393 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C394 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C395 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C396 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C335 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C569 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C585 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C593 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C594 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C701 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C702 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C703 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C704 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C712 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C716 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C717 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C718 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C720 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C725 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C728 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C730 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C732 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C474 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C476 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C478 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C479 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C484 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C485 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C486 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C487 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C488 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |
| C498 | 065G0603104 32 | CHIP 0.1UF 50V X7R |  |

|       |                |                              |  |
|-------|----------------|------------------------------|--|
| C549  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C550  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C551  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C552  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C557  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C558  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C564  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C734  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C302  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C303  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C304  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C305  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C313  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C314  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C317  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C320  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C321  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C322  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C325  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C329  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C330  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C331  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C332  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C333  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C334  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C758  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C760  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C792  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C751  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C745  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C740  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C736  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C212  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C229  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C230  | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C3002 | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C3006 | 065G0603104 32 | CHIP 0.1UF 50V X7R           |  |
| C780  | 065G0603150 31 | CHIP 15PF 50V NPO            |  |
| C480  | 065G0603180 31 | CAP CC 18PF 50V J NPO 0603   |  |
| C481  | 065G0603180 31 | CAP CC 18PF 50V J NPO 0603   |  |
| C300  | 065G0603272 32 | CHIP 2700pF 50V X7R          |  |
| C337  | 065G0603272 32 | CHIP 2700pF 50V X7R          |  |
| C412  | 065G0603330 31 | CER1 0603 NP0 50V 33P PM     |  |
| C411  | 065G0603330 31 | CER1 0603 NP0 50V 33P PM     |  |
| C324  | 065G0603330 31 | CER1 0603 NP0 50V 33P PM     |  |
| C323  | 065G0603330 31 | CER1 0603 NP0 50V 33P PM     |  |
| C3005 | 065G0603330 31 | CER1 0603 NP0 50V 33P PM     |  |
| C545  | 065G0603332 32 | CHIP 0.0033UF 50V X7R 0603   |  |
| C544  | 065G0603332 32 | CHIP 0.0033UF 50V X7R 0603   |  |
| C547  | 065G0603333 32 | CHIP 0.033UF 50V X7R 0603    |  |
| C546  | 065G0603333 32 | CHIP 0.033UF 50V X7R 0603    |  |
| C209  | 065G0603470 32 | CHIP 47PF 50V X7R            |  |
| C5000 | 065G0603471 31 | CAP:CER 470PF 5%50V SMT 0603 |  |
| C5001 | 065G0603471 31 | CAP:CER 470PF 5%50V SMT 0603 |  |
| C598  | 065G0603471 31 | CAP:CER 470PF 5%50V SMT 0603 |  |
| C599  | 065G0603471 31 | CAP:CER 470PF 5%50V SMT 0603 |  |
| C556  | 065G0603472 32 | CHIP 4700PF 50V X7R          |  |

|       |                |                                   |  |
|-------|----------------|-----------------------------------|--|
| C555  | 065G0603472 32 | CHIP 4700PF 50V X7R               |  |
| C312  | 065G0603472 32 | CHIP 4700PF 50V X7R               |  |
| C311  | 065G0603472 32 | CHIP 4700PF 50V X7R               |  |
| C217  | 065G0603473 32 | CHIP 0.047UF 50V X7R              |  |
| C225  | 065G0603473 32 | CHIP 0.047UF 50V X7R              |  |
| C589  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C587  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C580  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C579  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C566  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C562  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C226  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C219  | 065G0603474 17 | CHIP CAP.CER 0.47UF -20% -80% 16V |  |
| C3001 | 065G0603680 31 | CHIP 68PF 50V NPO                 |  |
| C399  | 065G0603680 31 | CHIP 68PF 50V NPO                 |  |
| C711  | 065G0603683 12 | CHIP 0603 68NF K 16V X7R          |  |
| C567  | 065G0805103 22 | CHIP 0.01uF 25V X7R 0805          |  |
| C575  | 065G0805103 22 | CHIP 0.01uF 25V X7R 0805          |  |
| C581  | 065G0805103 22 | CHIP 0.01uF 25V X7R 0805          |  |
| C584  | 065G0805103 22 | CHIP 0.01uF 25V X7R 0805          |  |
| C571  | 065G0805104 22 | 0.1UF +-10% 25V X7R 080           |  |
| C583  | 065G0805104 22 | 0.1UF +-10% 25V X7R 080           |  |
| C709  | 065G0805105 12 | 1UF +-10% 6V X7R                  |  |
| C710  | 065G0805105 12 | 1UF +-10% 6V X7R                  |  |
| C559  | 065G0805105 22 | CAP CHIP 0805 1uF K 25V X7R       |  |
| C563  | 065G0805225 12 | CAP CHIP 0805 2.2UF K 16V X7R     |  |
| C578  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C577  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C574  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C573  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C570  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C561  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C560  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C554  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C553  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C543  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C542  | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C5005 | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C5004 | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| C3004 | 065G0805475 A5 | 0805 4.7UF +-10% 10V X5R          |  |
| CP500 | 065G600M471 8T | CAP 6ACC 470PF M 50V              |  |
| C403  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C414  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C416  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C418  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C419  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C437  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C450  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C463  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C470  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C473  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C482  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C483  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C496  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C497  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C499  | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |
| C5003 | 067G 4121003XT | CAP S85°C 10UF M 16V              |  |

|       |                |                                |  |
|-------|----------------|--------------------------------|--|
| C586  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C591  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C592  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C713  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C714  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C715  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C723  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C731  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C726  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C749  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C744  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C458  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C761  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C757  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C756  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C750  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C218  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C228  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C319  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C338  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C341  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C343  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C345  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C347  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C350  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C355  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C359  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C367  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C369  | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C4000 | 067G 4121003XT | CAP S85°C 10UF M 16V           |  |
| C705  | 067G 4121006XT | CAP S85°C 10UF M 35V           |  |
| C408  | 067G 4121013XT | CAP S85°C 100UF M 16V          |  |
| C413  | 067G 4121013XT | CAP S85°C 100UF M 16V          |  |
| C729  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C724  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C721  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C719  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C397  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C316  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C231  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C215  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C205  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C733  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C743  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C759  | 067G 4122203XT | CAP S85°C 22UF M 16V           |  |
| C791  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C742  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C735  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C727  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C707  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C706  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C597  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C595  | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| C5002 | 067G 4124703XT | CAP S85°C 47UF M 16V           |  |
| LP200 | 071G 56A301 8M | CHIP BEAD                      |  |
| L400  | 071G 56B221    | CHIP BEAD 220 OHM TB201209-B22 |  |
| L406  | 071G 56B221    | CHIP BEAD 220 OHM TB201209-B22 |  |

|       |                |                                          |  |
|-------|----------------|------------------------------------------|--|
| L407  | 071G 56B221    | CHIP BEAD 220 OHM TB201209-B22           |  |
| L408  | 071G 56B221    | CHIP BEAD 220 OHM TB201209-B22           |  |
| L409  | 071G 56B221    | CHIP BEAD 220 OHM TB201209-B22           |  |
| FB300 | 071G 56G151 A  | TB160808G151                             |  |
| FB301 | 071G 56G151 A  | TB160808G151                             |  |
| FB302 | 071G 56G151 A  | TB160808G151                             |  |
| FB303 | 071G 56G151 A  | TB160808G151                             |  |
| FB304 | 071G 56G151 A  | TB160808G151                             |  |
| FB305 | 071G 56G151 A  | TB160808G151                             |  |
| FB306 | 071G 56G151 A  | TB160808G151                             |  |
| L207  | 071G 56G151 B  | BEAD 0805 150 OHM                        |  |
| L206  | 071G 56G151 B  | BEAD 0805 150 OHM                        |  |
| L200  | 071G 56G151 B  | BEAD 0805 150 OHM                        |  |
| L410  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L502  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L503  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L508  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L509  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L510  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L511  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L700  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L704  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L708  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L710  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L714  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L716  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L719  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L720  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L800  | 071G 56G301 EA | BEAD 300OHM                              |  |
| L203  | 071G 56U600    | CHIP BEAD 60 OHM                         |  |
| L202  | 071G 56U600    | CHIP BEAD 60 OHM                         |  |
| L201  | 071G 56U600    | CHIP BEAD 60 OHM                         |  |
| L707  | 071G 56Z601    | CHIP BEAD 600 OHM 0805                   |  |
| L507  | 071G 56Z601    | CHIP BEAD 600 OHM 0805                   |  |
| L401  | 071G 56Z601    | CHIP BEAD 600 OHM 0805                   |  |
| L303  | 071G 56Z601    | CHIP BEAD 600 OHM 0805                   |  |
| L205  | 071G 56Z601    | CHIP BEAD 600 OHM 0805                   |  |
| L204  | 071G 56Z601    | CHIP BEAD 600 OHM 0805                   |  |
| LP500 | 071T 57G601 YB | CHIP BEAD ARRAY BK32164M601-T TAIYOYUDEN |  |
| LP500 | 071T 57G601TSB | IND CHIP BEAD 1206 600OHM TECSTAR        |  |
| L300  | 073G 12622910K | CHIP INDUCTOR 2.2uH 10% 1206             |  |
| L301  | 073G 12622910K | CHIP INDUCTOR 2.2uH 10% 1206             |  |
| L302  | 073G 12622910K | CHIP INDUCTOR 2.2uH 10% 1206             |  |
| L402  | 073G253S 6 K   | IND SMD CHOKE 90 oHM KINGCORE            |  |
| L403  | 073G253S 6 K   | IND SMD CHOKE 90 oHM KINGCORE            |  |
| L404  | 073G253S 6 K   | IND SMD CHOKE 90 oHM KINGCORE            |  |
| L405  | 073G253S 6 K   | IND SMD CHOKE 90 oHM KINGCORE            |  |
| P400  | 088G 340 19 H  | HDMI HEADER 19P                          |  |
| ZD200 | 093G 39147SEM  | ZMM5V6ST                                 |  |
| ZD201 | 093G 39147SEM  | ZMM5V6ST                                 |  |
| D206  | 093G 60231     | BAT54S                                   |  |
| D205  | 093G 60231     | BAT54S                                   |  |
| D204  | 093G 60505     | DIO SIG SM BAT54C(PHSE)R                 |  |
| D400  | 093G 60505     | DIO SIG SM BAT54C(PHSE)R                 |  |
| D500  | 093G 64 42 P   | BAV70 SOT23 BY PAN JIT                   |  |
| D202  | 093G 6433P     | BAV99                                    |  |

|       |                    |                              |  |
|-------|--------------------|------------------------------|--|
| D501  | 093G 6433P         | BAV99                        |  |
| D502  | 093G 6433P         | BAV99                        |  |
| D203  | 093G 6433P         | BAV99                        |  |
| D201  | 093G 6433P         | BAV99                        |  |
| ZD400 | 093G 39S 60 T      | MLL5227B                     |  |
|       | Q15T8334B07        | BKT CONNECTOR                |  |
|       | Q15T8335A01        | MAINFRAME                    |  |
| D6    | 033G3802 3         | WAFER EH-3                   |  |
| CN2   | 033G3802 4         | WAFER EH-4                   |  |
| U4    | 056T 627 7         | FM-6038TM2-5AN               |  |
| Q1    | 057G 417 6         | PMBS3906/PHILIPS-SMT(06)     |  |
| R43   | 061G0603101        | RST CHIPR 100 OHM +-5% 1/10W |  |
| R45   | 061G0603103        | RST CHIPR 10 KOHM +-5% 1/10W |  |
| R44   | 061G1206301        | RST CHIPR 300 OHM +-5% 1/4W  |  |
| R46   | 061G1206331        | RST CHIPR 330 OHM +-5% 1/4W  |  |
| C43   | 065G0603102 32 GP  | 1000PF +-10% 50V X7R         |  |
| C42   | 065G0603104 32     | CHIP 0.1UF 50V X7R           |  |
| C41   | 065G0603104 32     | CHIP 0.1UF 50V X7R           |  |
| C39   | 065G0603104 32     | CHIP 0.1UF 50V X7R           |  |
| C40   | 065G0805475 A5     | 0805 4.7UF +-10% 10V X5R     |  |
| FB8   | 071G 59B601 EA     | CHIP BEAD 600 OHM            |  |
| FB7   | 071G 59B601 EA     | CHIP BEAD 600 OHM            |  |
| FB6   | 071G 59B601 EA     | CHIP BEAD 600 OHM            |  |
|       | Q15T8336 1         | PCB BKT LEFT                 |  |
|       | Q15T8336 2         | PCB BKT RIGHT                |  |
| CN4   | 033G3802 3         | WAFER EH-3                   |  |
| D6    | 081G 14 15 KB      | KAA-3528CGKSYKC-01-AOC 5MA   |  |
|       | Q15T8340 1         | STAND-BKT                    |  |
|       | Q15T8341 1         | BASE-BKT                     |  |
| J101  | 033G802436C H      | HEADER FEMALE 36P 2.0MM      |  |
| J100  | 033G802436C H      | HEADER FEMALE 36P 2.0MM      |  |
|       | Q33T5021 ED 1CB000 | IR LENS                      |  |
|       | Q33T5022 1 1CA000  | LENS POWER                   |  |
|       | Q34T1854 RGJ2LA000 | BEZEL                        |  |
|       | Q34T1855 GMA5L 30  | REAR COVER_37                |  |
|       | Q34T1858 RG 1L 33  | BASE                         |  |
|       | Q34T1859 GMB1L     | BUTTON COVER                 |  |
|       | Q36T 600 31 6      | HIMERON                      |  |
|       | Q40G0001624 4A     | PALLET LABEL                 |  |
|       | Q40T 37V970 1B     | RATING LABEL                 |  |
|       | Q40T0002654 5B     | I/O LABEL                    |  |
|       | Q40T0002654 6A     | I/O LABEL                    |  |
|       | Q41T3701970 1A     | MANUAL                       |  |
|       | Q41T7800970 1A     | WARRANTY BOOKLET             |  |
|       | Q44T3121510522     | SPONGE                       |  |
|       | Q44T3121510524     | SPONGE                       |  |
|       | Q44T3B01 1         | EPS                          |  |
|       | Q44T3B01 2         | EPS                          |  |
|       | Q44T3B01 3         | EPS                          |  |
|       | Q44T3B01 4         | EPS                          |  |
|       | Q44T3B01 6 1A      | U TYPE BOX                   |  |
|       | Q44T3B01970 1A     | CARTON                       |  |
|       | Q45G 76 28NV2 R    | PE BAG FOR CLAMP             |  |
|       | Q45T 99609 3 R     | EPE COVER                    |  |
|       | Q45T 99609 5 R     | EPE COVER                    |  |
|       | Q85T 583175        | GASKET_ALUMINIUM FOIL        |  |
| J100  | 033T801736A H      | PIN HEADER 36P 2.0MM         |  |

|       |                |                                     |  |
|-------|----------------|-------------------------------------|--|
|       | Q85T 746 1     | SHIELD COVER                        |  |
| R104  | 061G153M100 59 | 10 OHM 5% 3W                        |  |
| R103  | 061G153M100 59 | 10 OHM 5% 3W                        |  |
| L129  | 073G 259 4     | 200UH +-                            |  |
| J102  | 088G 78 13 1C  | RCA JACK                            |  |
| J101  | 088G 78 13 3C  | RCA+S 2*1 W/BLK                     |  |
| CN101 | 088T 78 1315C  | RCA JACK                            |  |
| J103  | 088T 78 1316C  | RCA JACK2*3 R/BLU/G+Y/W/R           |  |
| X600  | 093G 22D60 BH  | CRYSTAL                             |  |
| TU100 | 094TNTSC MA 1P | MICROTUNER FQ1236/FH-5              |  |
| U600  | 056G 133 30AAC | AZ1117H-ADJ-E1                      |  |
| U101  | 056G 585 11    | IC AZ1117D-5.0-E1 AAC               |  |
| U601  | 056G 593 28    | IC MSP3440G-QI-C12-V3 PMQFP-64      |  |
| U601  | 056G 593504    | MSP3450G-QI-B8-V3 PMQFP-64          |  |
| U100  | 056G 614 1     | 74HC4052D S016 PHILIPS              |  |
| U104  | 056T 625 1     | NJM-2244M-TE1/JRC                   |  |
| U105  | 056T 652 1     | PCA9554PW TSSOP-16 PHILIPS 8BI      |  |
| RN102 | 061G 125473 8  | RST CHIP AR 8P4R 47 KOHM +-5% 1/16W |  |
| RN103 | 061G 125473 8  | RST CHIP AR 8P4R 47 KOHM +-5% 1/16W |  |
| RN101 | 061G 125473 8  | RST CHIP AR 8P4R 47 KOHM +-5% 1/16W |  |
| RN100 | 061G 125473 8  | RST CHIP AR 8P4R 47 KOHM +-5% 1/16W |  |
| R121  | 061G0603000    | RST CHIP MAX 0R05 1/10W             |  |
| R120  | 061G0603000    | RST CHIP MAX 0R05 1/10W             |  |
| R160  | 061G0603000    | RST CHIP MAX 0R05 1/10W             |  |
| R619  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R609  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R146  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R145  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R144  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R142  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R140  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R147  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R611  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R620  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R621  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R622  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R623  | 061G0603101    | RST CHIPR 100 OHM +-5% 1/10W        |  |
| R134  | 061G0603102    | RST CHIPR 1K OHM +-5% 1/10W         |  |
| R603  | 061G0603102    | RST CHIPR 1K OHM +-5% 1/10W         |  |
| R122  | 061G0603102    | RST CHIPR 1K OHM +-5% 1/10W         |  |
| R139  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W        |  |
| R133  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W        |  |
| R131  | 061G0603103    | RST CHIPR 10 KOHM +-5% 1/10W        |  |
| R602  | 061G0603120 0F | RST CHIPR 120 OHM +-1% 1/10W        |  |
| R608  | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W        |  |
| R610  | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W        |  |
| R612  | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W        |  |
| R613  | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W        |  |
| R615  | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W        |  |
| R617  | 061G0603471    | RST CHIPR 470 OHM +-5% 1/10W        |  |
| R614  | 061G0603472    | RST CHIPR 4.7K OHM +-5% 1/10W       |  |
| R156  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W         |  |
| R115  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W         |  |
| R155  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W         |  |
| R137  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W         |  |
| R138  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W         |  |
| R119  | 061G0603750 9F | RST CHIPR 75 OHM +-1% 1/10W         |  |

|      |                   |                               |  |
|------|-------------------|-------------------------------|--|
| R157 | 061G0805000       | RST CHIP MAX 0R05 1/8W        |  |
| R154 | 061G0805000       | RST CHIP MAX 0R05 1/8W        |  |
| R153 | 061G0805000       | RST CHIP MAX 0R05 1/8W        |  |
| R132 | 061G0805000       | RST CHIP MAX 0R05 1/8W        |  |
| R124 | 061G0805750       | RST CHIPR 75 OHM +-5% 1/8W    |  |
| R604 | 061G1206620 0F    | RST CHIPR 620 OHM +-1% 1/4W   |  |
| C601 | 065G0603101 31    | CER1 0603 NP0 50V 100P PM5 R  |  |
| C168 | 065G0603101 31    | CER1 0603 NP0 50V 100P PM5 R  |  |
| C644 | 065G0603102 32    | 1000PF +-10% 50V X7R          |  |
| C645 | 065G0603102 32    | 1000PF +-10% 50V X7R          |  |
| C642 | 065G0603102 32    | 1000PF +-10% 50V X7R          |  |
| C641 | 065G0603102 32    | 1000PF +-10% 50V X7R          |  |
| C640 | 065G0603102 32    | 1000PF +-10% 50V X7R          |  |
| C159 | 065G0603104 12    | CER2 0603 X7R 16V 100N P      |  |
| C156 | 065G0603104 12    | CER2 0603 X7R 16V 100N P      |  |
| C157 | 065G0603104 12    | CER2 0603 X7R 16V 100N P      |  |
| C628 | 065G0603104 32    | CHIP 0.1UF 50V X7R            |  |
| C612 | 065G0603104 32    | CHIP 0.1UF 50V X7R            |  |
| C605 | 065G0603104 32    | CHIP 0.1UF 50V X7R            |  |
| C604 | 065G0603104 32    | CHIP 0.1UF 50V X7R            |  |
| C163 | 065G0603104 32    | CHIP 0.1UF 50V X7R            |  |
| C124 | 065G0603104 32    | CHIP 0.1UF 50V X7R            |  |
| C101 | 065G0603104 32    | CHIP 0.1UF 50V X7R            |  |
| C635 | 065G0603152 31    | CHIP 0603 1500PF J 50V NPO    |  |
| C620 | 065G0603152 31    | CHIP 0603 1500PF J 50V NPO    |  |
| C600 | 065G0603152 31    | CHIP 0603 1500PF J 50V NPO    |  |
| C150 | 065G0603220 31    | CER1 0603 NP0 50V 22P PM      |  |
| C151 | 065G0603220 31    | CER1 0603 NP0 50V 22P PM      |  |
| C152 | 065G0603220 31    | CER1 0603 NP0 50V 22P PM      |  |
| C153 | 065G0603220 31    | CER1 0603 NP0 50V 22P PM      |  |
| C621 | 065G0603221 31 GP | CAP:CER 220PF 5% 50V SMT 0603 |  |
| C627 | 065G0603331 31    | 330PF +-5% 50V NPO            |  |
| C631 | 065G0603331 31    | 330PF +-5% 50V NPO            |  |
| C632 | 065G0603331 31    | 330PF +-5% 50V NPO            |  |
| C626 | 065G0603331 31    | 330PF +-5% 50V NPO            |  |
| C625 | 065G0603331 31    | 330PF +-5% 50V NPO            |  |
| C624 | 065G0603331 31    | 330PF +-5% 50V NPO            |  |
| C161 | 065G0603470 31    | CHIP 47PF 50V NPO             |  |
| C622 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C611 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C139 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C138 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C135 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C131 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C125 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C636 | 065G0603471 32    | CHIP 470PF 50V X7R            |  |
| C606 | 065G0603509 31    | CHIP 5PF +-0.5PF 50V NPO      |  |
| C607 | 065G0603509 31    | CHIP 5PF +-0.5PF 50V NPO      |  |
| C646 | 065G0603560 31    | CHIP 56PF 50V NPO             |  |
| C608 | 065G0603560 31    | CHIP 56PF 50V NPO             |  |
| C609 | 065G0603560 31    | CHIP 56PF 50V NPO             |  |
| C143 | 065G0603680 31    | CHIP 68PF 50V NPO             |  |
| C142 | 065G0603680 31    | CHIP 68PF 50V NPO             |  |
| C141 | 065G0603680 31    | CHIP 68PF 50V NPO             |  |
| C140 | 065G0603680 31    | CHIP 68PF 50V NPO             |  |
| C137 | 065G0603680 31    | CHIP 68PF 50V NPO             |  |
| C133 | 065G0603680 31    | CHIP 68PF 50V NPO             |  |

|      |                |                        |  |
|------|----------------|------------------------|--|
| C132 | 065G0603680 31 | CHIP 68PF 50V NPO      |  |
| C128 | 065G0603680 31 | CHIP 68PF 50V NPO      |  |
| C158 | 067G 312471 3  | CAP:470uF/16V,Case-G   |  |
| C146 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C147 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C148 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C149 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C162 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C602 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C603 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C154 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C613 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C618 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C633 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C634 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C639 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C120 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C121 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C123 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C134 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C136 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C144 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C145 | 067G 4121003XT | CAP S85°C 10UF M 16V   |  |
| C155 | 067G 4121013XT | CAP S85°C 100UF M 16V  |  |
| C160 | 067G 4121013XT | CAP S85°C 100UF M 16V  |  |
| C610 | 067G 4121013XT | CAP S85°C 100UF M 16V  |  |
| C614 | 067G 4121093XT | CAP S85°C 1UF M 16V    |  |
| C619 | 067G 4121093XT | CAP S85°C 1UF M 16V    |  |
| C623 | 067G 4121093XT | CAP S85°C 1UF M 16V    |  |
| C615 | 067G 4121093XT | CAP S85°C 1UF M 16V    |  |
| C616 | 067G 4121093XT | CAP S85°C 1UF M 16V    |  |
| C617 | 067G 4121093XT | CAP S85°C 1UF M 16V    |  |
| C629 | 067G 4122203XT | CAP S85°C 22UF M 16V   |  |
| C630 | 067G 4123393XT | CAP S85°C 3.3UF M 16V  |  |
| C643 | 067G 4124703XT | CAP S85°C 47UF M 16V   |  |
| L128 | 071G 56U601    | BEAD                   |  |
| L107 | 071G 56Z601    | CHIP BEAD 600 OHM 0805 |  |
| L600 | 071G 56Z601    | CHIP BEAD 600 OHM 0805 |  |
| L117 | 071G 56Z601    | CHIP BEAD 600 OHM 0805 |  |
| L115 | 071G 56Z601    | CHIP BEAD 600 OHM 0805 |  |
| L111 | 071G 56Z601    | CHIP BEAD 600 OHM 0805 |  |
| L132 | 071G 57G601    | TI3216JIG              |  |
| L130 | 071G 57G601    | TI3216JIG              |  |
| L131 | 071G 57G601    | TI3216JIG              |  |
| L108 | 071G 59B121    | TB160808B              |  |
| L112 | 071G 59B121 K  | CHIP BEAD 120 OHM 0603 |  |
| L113 | 071G 59B121 K  | CHIP BEAD 120 OHM 0603 |  |
| L116 | 071G 59B121 K  | CHIP BEAD 120 OHM 0603 |  |
| L118 | 071G 59B121 K  | CHIP BEAD 120 OHM 0603 |  |
| L119 | 071G 59B121 K  | CHIP BEAD 120 OHM 0603 |  |
| L120 | 071G 59B121 K  | CHIP BEAD 120 OHM 0603 |  |
| L100 | 071G 59B121 K  | CHIP BEAD 120 OHM 0603 |  |
| L603 | 071G 59B601 EA | CHIP BEAD 600 OHM      |  |
| L602 | 071G 59B601 EA | CHIP BEAD 600 OHM      |  |
| L601 | 071G 59B601 EA | CHIP BEAD 600 OHM      |  |
| L124 | 071G 59B601 EA | CHIP BEAD 600 OHM      |  |
| L123 | 071G 59B601 EA | CHIP BEAD 600 OHM      |  |

**37" LCD TV****Hyundai HLCD-37XT**

|      |                |                   |  |
|------|----------------|-------------------|--|
| L122 | 071G 59B601 EA | CHIP BEAD 600 OHM |  |
| L121 | 071G 59B601 EA | CHIP BEAD 600 OHM |  |
| L114 | 071G 59B601 EA | CHIP BEAD 600 OHM |  |
| D100 | 093G 6432V     | LL4148-GSO8       |  |
|      | Q85T 747 1     | SHIELD COVER      |  |
|      | Q90T0113 1     | HEAT SINK         |  |
|      | Q90T0126 1     | HEAT SINK         |  |
|      | Q90T0127 1     | HEAT SINK         |  |
|      | Q90T6321A01    | HEAT SINK         |  |
|      | Q90T6321A01    | HEAT SINK         |  |
|      | TUPF6YA6       | TUNER BOARD       |  |