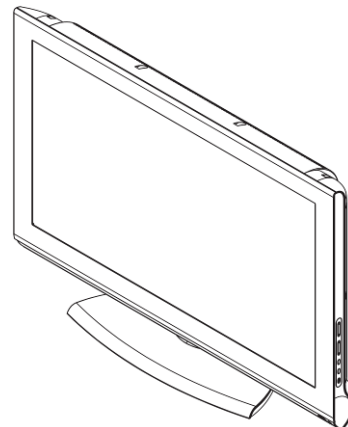


Service
Service
Service



Service Manual

Horizontal Frequency
31.5~60 KHz

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SAFETY NOTICE

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

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

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.)

Revision List

[illegible]

1. General Specification

NOTE

- * This model complies with the specifications listed below.
- * Designs and specifications are subject to change without notice.
- * This model may not be compatible with features and/or specifications that may be added in the future.
- * 32" LCD TV (31.5" viewable) Viewable image size: 800mm diagonal

Television System:

NTSC standard

ATSC standard (8-VSB, Clear-QAM)

Channel Coverage:

VHF: 2 through 13

UHF: 14 through 69

Cable TV: Mild band (A - 8 through A - 1, A through I)Super band (J through W)Hyper band (AA through ZZ,AAA, BBB)Ultra band (65 through 94, 100 through 135)

Power Source:

AC power supply: 100V~240 V, 50/60 Hz

Power Consumption

< 180 W

<1 W in standby mode (power cord plugged in and power OFF)

Audio Power

10 W + 10 W, Internal Speaker

Video/Audio Terminals:

Rear AV x1: S-Video/Video/Audio Input/Audio output

Side AV x1:Video/Audio Input

S-VIDEO INPUT:

Y: 1 V(p-p), 75 ohm, negative sync.

C: 0.286 V(p-p) (burst signal), 75 ohm

VIDEO/AUDIO INPUT:

VIDEO: 1 V(p-p), 75 ohm, negative sync.

AUDIO: 300mv(rms)

AUDIO OUTPUT:

AUDIO: 300mv(rms)

Component INPUT:

Rear Component x2:

Y: 1V(p-p), 75 ohm, including sync.

Pr/Cr: $\pm 0.35V(p-p)$, 75 ohm

Pb/Cb: $\pm 0.35V(p-p)$, 75 ohm

AUDIO: 300mv(rms)

Supported resolutions:1080i, 720p, 480p, 480i

HDMI Terminals:

HDMI INPUT: Rear HDMI x2; Side HDMI x1

HDCP compliant

E-EDID compliant

Supported scan rates: 1080p, 1080i, 720p, 480p, 480i

VGA Terminals:

VGA INPUT:

Rear VGA (D-SUB 15 Pin) Input x1

E-EDID compliant

Supported scan rates:

640X480 /60Hz

800x600/60Hz

1024X768 /60Hz

1360X768 /60Hz

Recommended: 1360X768 /60Hz

Audio INPUT: Headphone Mini-jack for stereo (3.5Ø)

Audio Out: SPDIF / RCA Jack (R/L)

Environmental Temperature: 5°C - 35°C

Dimensions:

Include Stand:

792.6mm(W) x 561.5mm(H) x 232.5mm(L)

Weight:

12.3kg(With Stand)

11kg(w/o stand and base)

Wall Mounting:

200 x 200mm

(Wall mount kit is not included)

Supplied Accessories:

1pcs Power cord

1pcs Remote control

(with two size AAA alkaline batteries)

1pcs User manual

1pcs Setup Guide

2. Operating Instructions

2.1 The Use of Remote Control

POWER

Press to turn ON/OFF (standby) the TV. (Note: 1. TV is never completely powered off unless physically unplugged. 2. Press to turn on TV after the power on status, LED had changed to the Blue color and stopped flashing.)

SOURCE

Press repeatedly to choose the various input sources.

MUTE

Switch the sound ON/OFF.

0 ~ 9 /- number

Press to enter TV channel number to select channel (Press '-' to choose the sub-channel).



Press to display the previous channel

DISPLAY

Press to show the information about the input source, TV channel, display resolution and current time.

MENU/EXIT

Press to open or close menu.

Navigation Ring

Press to adjust or confirm the various function items on the menu

VOL+ /VOL-

Press + or - to adjust the volume.

CH+ / CH-

Press + or - to browse through the TV channels.

FAV

Press to display the Favorite Channel List.

ADD FAV

Press to add channel to Favorite List



CC

Press repeatedly to change the closed caption type as CC Off/ CC On/CC On With Mute.

WIDE

Press to choose the display aspect as: Auto, Normal, Zoom, Wide, or Cinema mode.

MTS/SAP

Press to activate the NTSC TV sounds, such as: Stereo, SAP or Mono tone, and languages ofDTV.

AUDIO ADJ

Press to choose Standard, Movies, News, or Custom.

VIDEO ADJ

Press to choose the Picture Mode from Vivid, Standard, PWR, Theater, Sport, or Custom.

SLEEP

Press to set the preset time to switch the TV to standby mode automatically (off/5 min/10 min/15 min/30 min/60 min/90 min/120 min/180 min /240 min).

TV

Press to choose ATSC/NTSC TV source mode.

COMP

Press to choose Component source mode.

VIDEO

Press to choose Composite source mode.

HDMI/PC

Press repeatedly to choose HDMI or VGA source mode.

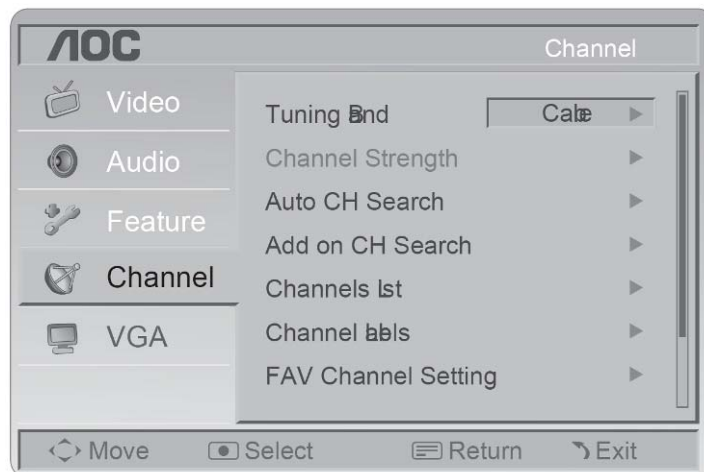
2.2 To Use the Menus

1. Press the **MENU/EXIT** button to display or close the main menu.
2. Use the **Navigation Ring** to move around to select, adjust or confirm an item in the OSD (On Screen Display) menu.

Press the **MENU/EXIT** button to enter the main OSD. Adjust the items including **Video menu**, **Audio menu**, **Feature menu**, **Channel menu** and **VGA menu**. However, some function items in the menus may only be enabled in the particular source modes.

Channel Menu

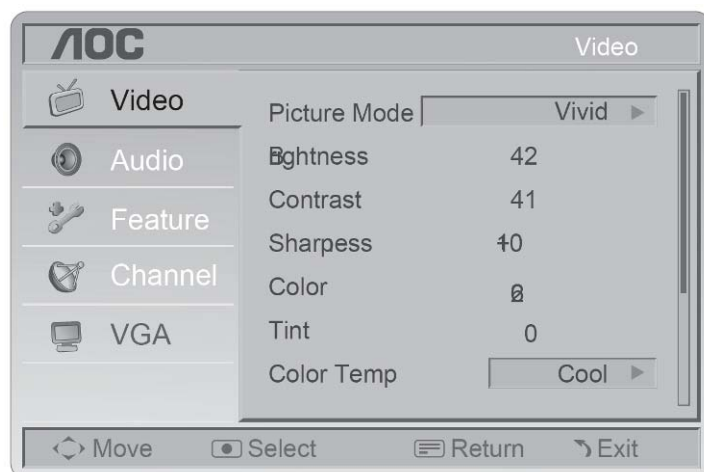
The Channel menu in TV mode shows as below.



1. **Tuning Band:** Select TV source signal from the Air (antenna) or Cable (CATV).
2. **Channel Strength:** Show the intensity of the received DTV signal.
3. **Auto CH Search:** Automatically scan all NTSC / ATSC TV channels and then store in the channel table. In channel scan process, the OSD can display the number of channels which had been found.
4. **Add on CH search:** Add channels which are new found.
5. **Channels List:** Show the channel List. User can edit (add/delete) the channel numbers.
6. **Channel Labels:** Show the NTSC / ATSC TV channel label menu for user modifying channel labels specifically.
7. **FAV Channel Setting:** Show the Favorite Channel List. User can edit (add/delete) the favorite channels.

Video Menu

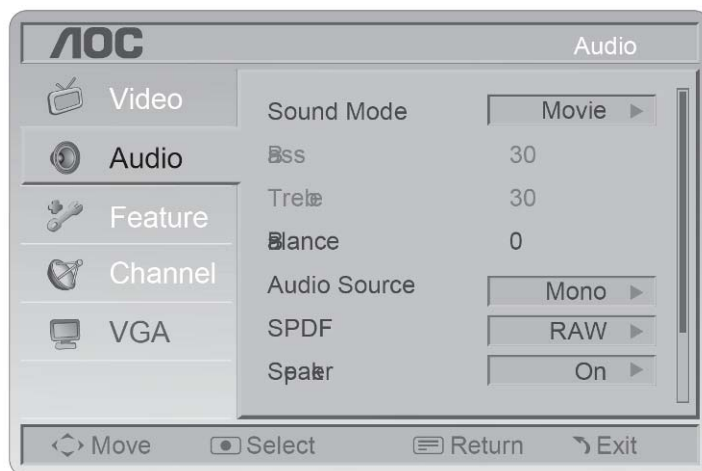
The Video menu in most source modes shows as below. It provides several video adjustment items for user fine tuning the video display. Only in VGA source mode, the Video menu simply provides **Picture Mode**, **Color Temp**, **Backlight**, **Aspect Ratio** and **Preset** items.



1. **Picture Mode:** Adjust the best picture appearance from selecting the preset value of Vivid, Standard, PWR(Energy savings), Theater, Sport, or Custom.
2. **Brightness:** Video brightness adjustment, the tuning range is 0 ~ 100.
3. **Contrast:** Video contrast adjustment, the tuning range is 0 ~ 100.
4. **Sharpness:** Video sharpness adjustment, the tuning range is 0 ~ 100.
5. **Color:** Video color chroma adjustment, the tuning range is 0 ~ 100.
6. **Tint:** Video tint adjustment, the tuning range is R50 ~ G50.
7. **Color Temp:** Three color temperature modes. (Normal / Warm / Cool)
8. **Backlight:** Backlight strength adjustment, the tuning range is 0 ~ 30.
9. **Aspect Ratio:** Choose the display aspect: Auto, Normal, Zoom, Wide, or Cinema mode. (Auto: TV only)
10. **Preset:** Restore the default video settings.

Audio Menu

The Audio menu in TV mode shows as below. It provides audio adjustment for user to modify the audio setting. Audio language setting is only available with ATSC TV source, the option is disable under other source modes.



1. **Sound Mode:** Choose the sound mode: Standard, Movie, News, or Custom.
2. **Bass:** Bass tone adjustment, the tuning range is 0 ~ 63. (The default state is enabled)
3. **Treble:** Treble tone adjustment, the tuning range is 0 ~ 63. (The default state is enabled)
4. **Balance:** Audio balance adjustment, the tuning range is L50 ~ R50.
5. **Audio Source:** Select the audio source from Mono, Stereo, or SAP. (This function works in ATV only).
6. **Audio Language:** Change the audio language setting on ATSC TV programs. The number of the supported audio languages depends on the ATSC TV programs. (English / Français / Español)
7. **SPDIF:** Digital audio output format. Select from RAW and PCM.
8. **Speaker:** Choose to turn on / off the TV internal speaker. The digital audio output signals and earphone output signals will not be turned off even though the TV speaker is off. The default setting is On.
9. **AVL:** Choose On or off to adjust volume to be consistent across programs and channels automatically.
10. **Preset:** Restore the default audio settings.

Feature Menu

The Feature menu in TV mode shows as below. This menu gives users the most flexibilities to satisfy their generally demands. According to the various requirements in different source modes, certain features should be hidden (disable) on the menu. The details footnotes will be described clearly below.



1. **Menu Language:** Select the menu display language. (English / Français / Español)
2. **Time:** Set current time. The sub-menu includes Time Mode, Time Zone and Daylight Savings.
 [Time Mode] – Choose from Auto or Manual.
 [Time Zone] – Set current time zone.
 [Daylight Savings] – Set to On or Off.



3. **Advanced Video:** Provide the Noise Reduction, Adaptive Contrast, and DCR for enhancing video quality.
 [Noise Reduction] – Gives four NR effect degrees, such as: Low, Mid, High and Off. The default setting is Mid.
 [Adaptive Contrast] – Choose On or off to adjust the gamma after analyzing the input signal automatically.
 [DCR] – Dynamic Contrast Ratio (DCR) auto adjusts the backlight of the screen.
 [Preset] – Restore the default advanced video option settings.
4. **Transparency:** Adjust the transparency of the on-screen menu from range 1 to 10.
5. **Password Setting:** Change the 4-numeral parental control password. Three steps are required for changing the password: Enter Old Password -> Enter New Password -> Confirm New Password. Note: This item is only available in TV, Composite and S-Video source modes. The default password is 『0 0 0 0』.

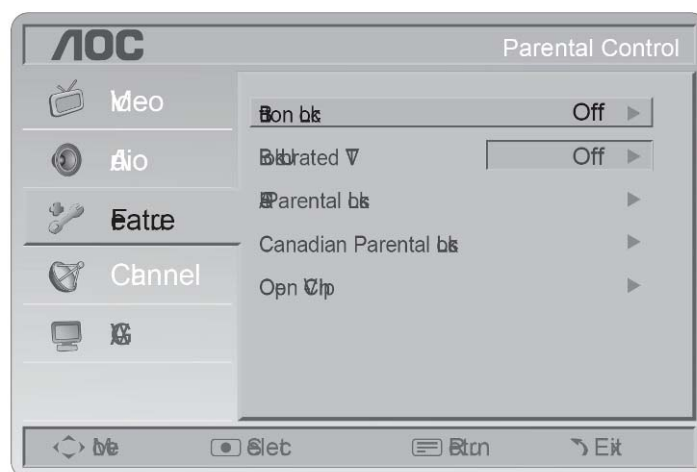
Enter Old Password

Enter New Password

Confirm New Password

6. **Parental Control:** provide the parental Control (V-chip) function setting. Before entering the Parental Control sub-menu, user has to key in the password first. Enter the Parental Locks item, then the user can modify the restricted table about MPAA or TV Rating respectively. While exiting the sub-menu, the parental control function is working. The inhibitive channels or source signals can be un-lock through pressing the V-CHIP key on the remote control and then key in the correct password. Note: This feature is only available in TV, Composite and S-Video source modes. (The default password is: 0 0 0 0.)

Enter Password



[Button Lock] – Select On or Off to lock or unlock the control buttons on the side panel of the TV. When this function enables, the control buttons on your TV will be locked and TV will be controlled by remote control only.

[Block Unrated TV] – When Block Unrated TV is set to on, your TV will block unrated program.

[USA Parental Locks] – Set the parental control level by MPAA or TV Rating.

[Canadian Parental Locks] – Set the parental control level by English Rating or French Rating.

[Open V-Chip] – Open V-Chip is an advanced V-Chip rating system for digital channels that are received. The rating table will be updated by downloading the RRT5 data for blocking.

7. **Closed Captions:** Select a closed caption options. (Off /On / With Mute)
8. **Analog Captions:** Select an analog caption options. (CC 1-4 / TEXT 1-4)
9. **Digital Captions:** Select a digital caption options. (SERVICE 1-6)
10. **Digital Captions Setup:** Provide numerous options for setting the digital closed caption style in the sub-menu.
 - [Style]** – Set to Automatic or Custom mode. If Custom mode is selected, user can modify the detail styles described below. The setting result will be shown immediately on the bottom of the sub-menu OSD. Note: This feature is only available in Digital TV (ATSC) mode.
 - [Size]** – Digital closed caption font size, which can be set as Automatic, Small, Normal or Large.
 - [Font]** – Digital closed caption font style, which can be chosen as Automatic, Default or Font 1 ~ 7.
 - [Text Color]** – Automatic / White / Red / Green / Blue / Yellow / Magenta / Cyan / Black
 - [Text Opacity]** – Automatic / Solid / Flashing / Transparent / Translucent
 - [Background Color]** – Automatic / Black / White/ Red / Green / Blue/ Yellow / Magenta / Cyan
 - [Background Opacity]** – Automatic / Solid / Flashing / Transparent / Translucent
 - [Edge Effect]** – Automatic / None / Raised / Depressed / Uniform / Left Shadow / Right Shadow
 - [Edge Color]** – Automatic / Red / Green / Blue / Yellow / Magenta / Cyan / Black / White.
11. **Input Labels:** User can edit the input labels.
12. **Component Setting:** This option only shows and is available in component mode, which provides fine tuning component display.
 - [Phase]** – Adjust Picture Phase to reduce Horizontal-Line noise. The tuning range is from 0 to 100.
 - [Preset]** – Restore the default component setting values.
13. **Reset to Default:** Restore all the default settings.

VGA Menu

This option only shows and is available in VGA mode, which provides several items for the VGA display fine tuning.

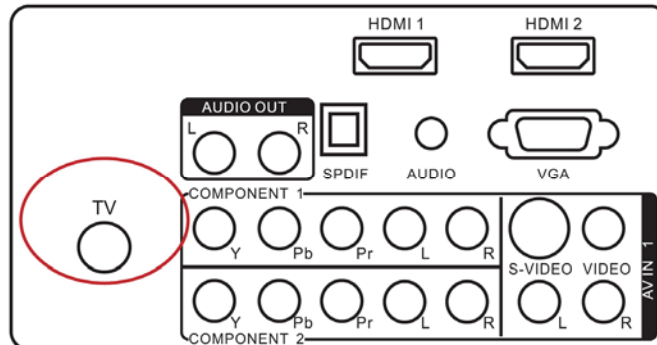
1. **H-Position:** Adjust the horizontal position of the picture. (0-100)
2. **V-Position:** Adjust the vertical position of the picture. (0-100)
3. **Clock:** Adjust picture clock to reduce Vertical-Line noise. (0-100)
4. **Phase:** Adjust Picture Phase to reduce Horizontal-Line noise. (0-100)
5. **Auto Adjust:** Adjust the settings automatically.
6. **Preset:** Restore the default VGA setting values.

2.3 How to Connect

Connecting Equipment

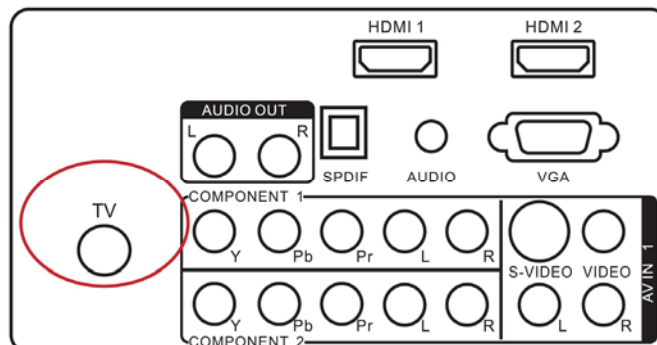
Coaxial (RF)

Using Your Antenna or Digital Cable for DTV



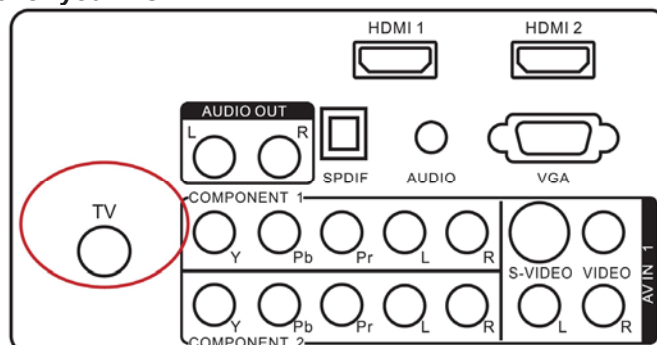
1. Turn off the the HDTV.
2. Connect the coaxial (RF) connector from your antenna or digital cable (out-of-the-wall, not from the Cable Box) to the TV connector.
3. Turn on the HDTV.
4. Select TV using the SOURCE button on the remote, side of the HDTV or directly by pressing the TV button on the Remote Control.

Using Your Antenna or Cable for DTV



1. Turn off the the HDTV.
2. Connect the coaxial (RF) connector from your antenna or cable (out-of-the-wall, not from the Cable Box) to the TV connector at the rear of the HDTV
3. Turn on the the HDTV.
4. Select TV using the SOURCE button on the remote, side of the HDTV, or pressing the TV button on the Remote Control.

Using the Antenna or Cable for your VCR



1. Turn off the HDTV and VCR.

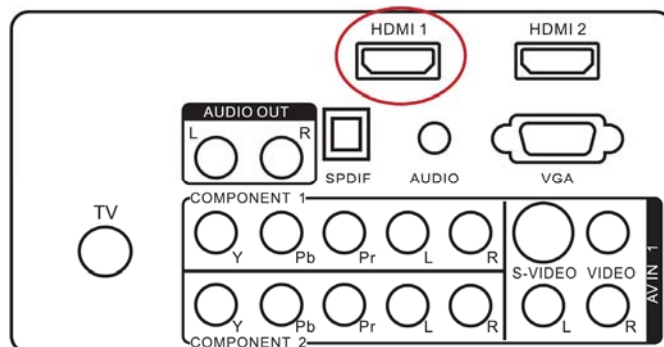
2. Connect the "Output to TV", "RF Out" or "Antenna Out" connector on the rear of your VCR to the TV connector at the rear of the HDTV.
3. Turn on the HDTV and VCR.
4. Select TV using the SOURCE button on the remote, side of the HDTV or directly by pressing the TV button on the Remote Control.

Connecting Your HDTV Set-Top Box

Using HDMI

HDTV Set-Top Boxes that have a HDMI digital interface should be connected to the HDMI input of the LCD HDTV for optimal results.

Connecting your HDTV Set-Top Box (Best)



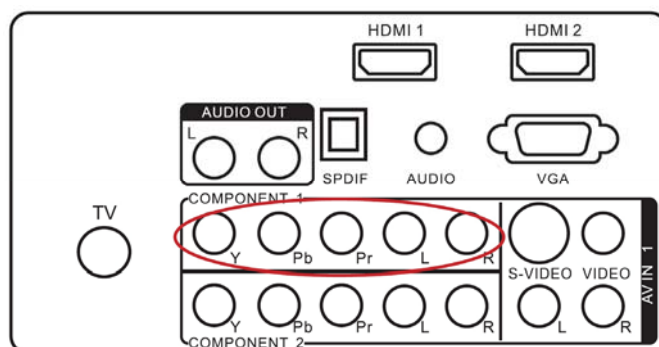
1. Turn off the HDTV and HDTV Set-Top Box.
2. Connect a HDMI cable to the HDMI output of your HDTV Set-Top Box and the other end to the HDMI Input at the rear of the HDTV.
3. Turn on the HDTV and HDTV Set-Top Box.
4. Select HDMI using the SOURCE button on the remote, side of the HDTV, or directly by pressing the HDMI/PC button on the Remote Control.

For HDTV Set-Top Boxes with DVI

1. Turn off the HDTV and HDTV Set-Top Box.
2. Using a HDMI-DVI cable, connect the DVI end to your HDTV Set-Top Box and the HDMI end to the HDMI Input at the rear of the HDTV.
3. Turn on the HDTV and HDTV Set-Top Box.
4. Select HDMI using the SOURCE button on the remote, side of the HDTV, or directly by pressing the HDMI/PC button on the Remote Control.

Using Component Video

Connecting your HDTV Set-Top Box (Better):

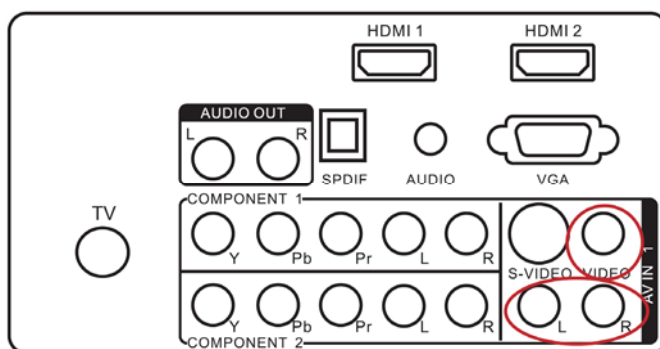


1. Turn off the HDTV and HDTV Set-Top Box.

2. Connect the Pr (red color) connector on your HDTV Set-Top Box to the corresponding Pr (red color) connector in the Component group.
3. Connect the Pb (blue color) connector on your HDTV Set-Top Box to the corresponding Pb (blue color) connector in the Component group.
4. Connect the Y (green color) connector on your HDTV Set-Top Box to the corresponding Y (green color) connector in the Component group.
5. Using an audio cable (red and white connectors), connect the cable to the audio output connectors associated with the Component output on your HDTV Set-Top Box and connect the other end to the audio connectors associated with the Component.
6. Turn on the HDTV and HDTV Set-Top Box.
7. Select Component using the SOURCE button on the remote, side of the HDTV or directly by pressing the COMP button on the Remote Control.

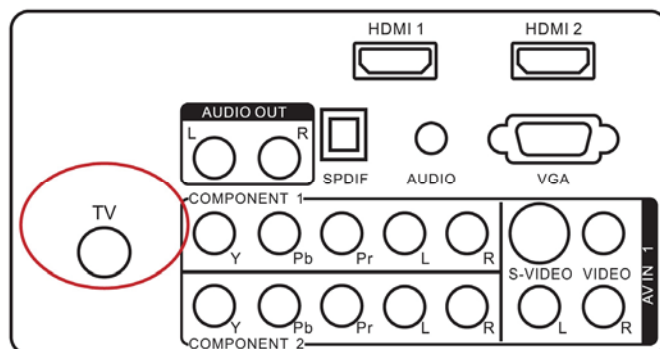
Connecting Your Basic Set-Top Box

Using Composite Video



1. Turn off the HDTV and Set-Top Box.
2. Using an AV Cable, connect the Video (yellow color) connector on your Set-Top Box to the corresponding Video (yellow color) connector in the AV group at the rear of the HDTV.
3. Using the red and white connectors, connect the cable to the audio output connectors associated with the Video output on your Set-Top Box and connect the other end to the audio connectors associated with the AV input at the rear of the HDTV.
4. Turn on the HDTV and Set-Top Box.
5. Select AV using the SOURCE button on the remote, side of the HDTV or directly by pressing the VIDEO button on the Remote Control.

Using Coax (RF)



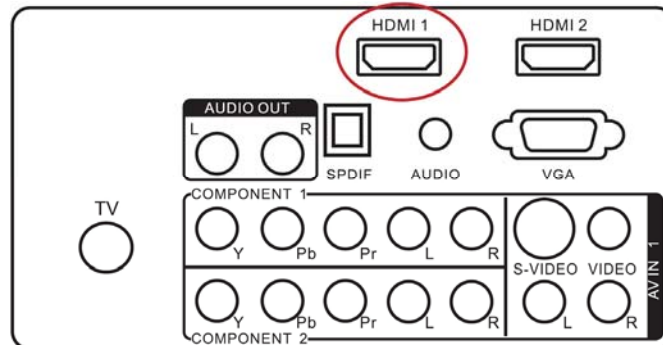
1. Turn off the HDTV and Set-Top Box.
2. Using a Coax (RF) cable, connect one end to the TV OUT (RF) on your Set Top Box and the other end to the TV input at the rear of the HDTV.
3. Turn on the HDTV and Set-Top Box.
4. Select TV using the SOURCE button on the remote, side of the HDTV or directly by pressing the TV button on the Remote Control.

Connecting Your DVD Player

Using HDMI

DVD players that have a digital interface such as HDMI (High Definition Multimedia Interface) should be connected to the HDMI input of the LCD HDTV for optimal results.

Connecting your DVD Player (Best)



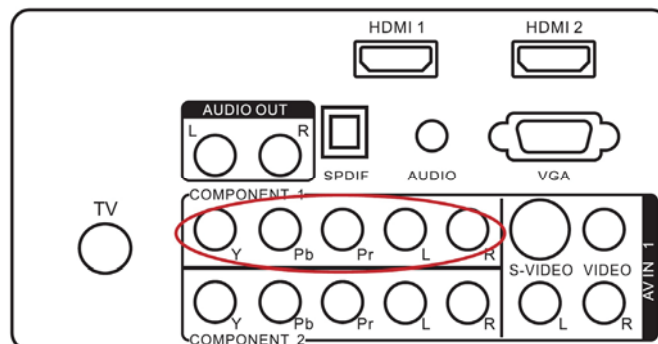
1. Turn off the HDTV and DVD player.
2. Connect a HDMI cable to the HDMI output of your DVD player and the other end to the HDMI Input at the rear of the HDTV.
3. Turn on the HDTV and DVD player.
4. Select HDMI using the SOURCE button on the remote, side of the HDTV or directly by pressing the HDMI/PC button on the Remote Control.

For DVD Players with DVI:

1. Turn off the HDTV and DVD player.
2. Using a HDMI-DVI cable, connect the DVI end to your DVD player and the HDMI end to the HDMI Input at the rear of the HDTV.
3. Turn on the HDTV and your DVD player.
4. Select HDMI using the SOURCE button on the remote or side of the HDTV, or directly by pressing the HDMI/PC button on the Remote.

Using Component Video

Connecting your DVD Player (Better)

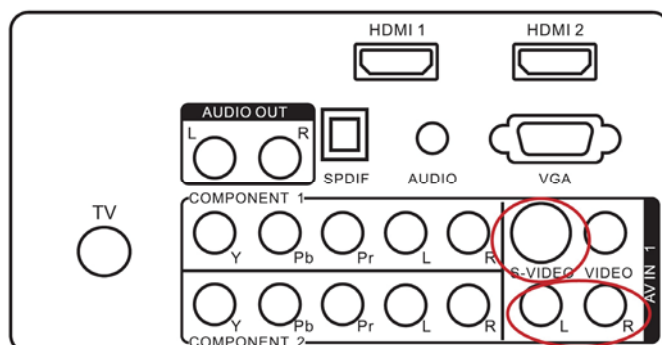


1. Turn off the HDTV and DVD player.
2. Connect the Pr (red color) connector on your DVD player to the corresponding Pr (red color) connector in the Component at the rear of the HDTV.
3. Connect the Pb (blue color) connector on your DVD player to the corresponding Pb (blue color) connector in the Component group at the rear of the HDTV.

4. Connect the Y (green color) connector on your DVD player to the corresponding Y (green color) connector in the Component group at the rear of the HDTV.
5. Using an audio cable (red and white connectors), connect the cable to the audio output connectors associated with the Component output on your DVD player and connect the other end to the audio connectors associated with the Component input at the rear of the HDTV.
6. Turn on the HDTV and DVD player.
7. Select Component using the SOURCE button on the remote, side of the HDTV or directly by pressing the COMP button on the Remote Control.

Using S-Video (AV)

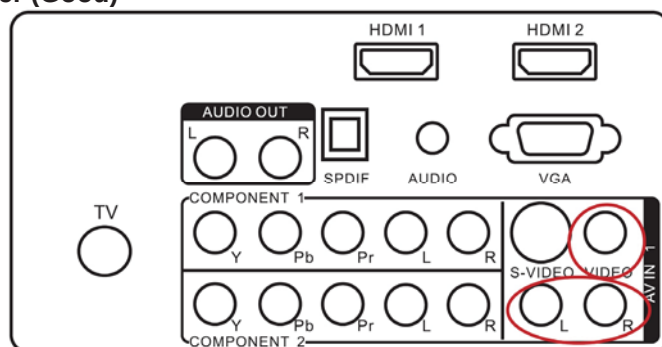
Connecting your DVD Player (Good):



1. Turn off the HDTV and DVD player.
2. Connect the S-Video jack on the rear of your DVD player to the S-Video jack in the AV group on the rear of the HDTV.
3. Connect an audio cable (white and red connectors) to the audio output connectors associated with the S-Video output on your DVD player and connect the other end to the audio connectors associated with the AV input on the rear of the HDTV.
4. Turn on the HDTV and DVD player.
5. Select AV using the SOURCE button on the remote, side of the HDTV, or directly by pressing the VIDEO button on the Remote Control.

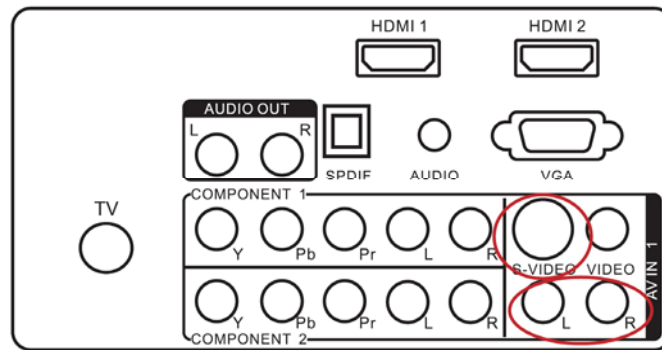
Using Composite (AV) Video

Connecting your DVD Player (Good)



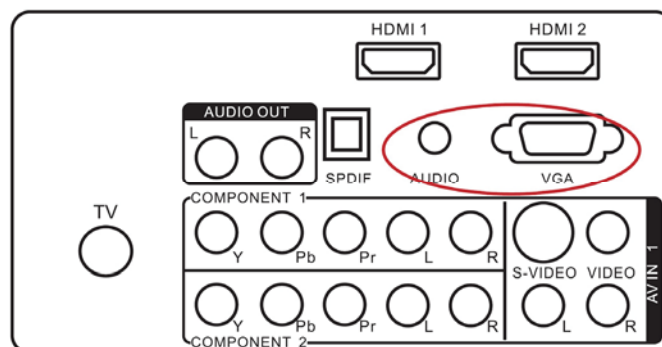
1. Turn off the HDTV and DVD player.
2. Connect the Video (yellow color) connector on your DVD player to the Video (yellow color) connector in the AV group.
3. Connect the R (red color) and L (white color) audio connectors on your DVD player to the corresponding R (red color) and L (white color) audio input connectors in the AV group.
4. Turn on the HDTV and DVD Player.
5. Select AV using the SOURCE button on the remote, side of the HDTV or directly by pressing the VIDEO button on the Remote Control.

Connecting Your VCR or Video Camera



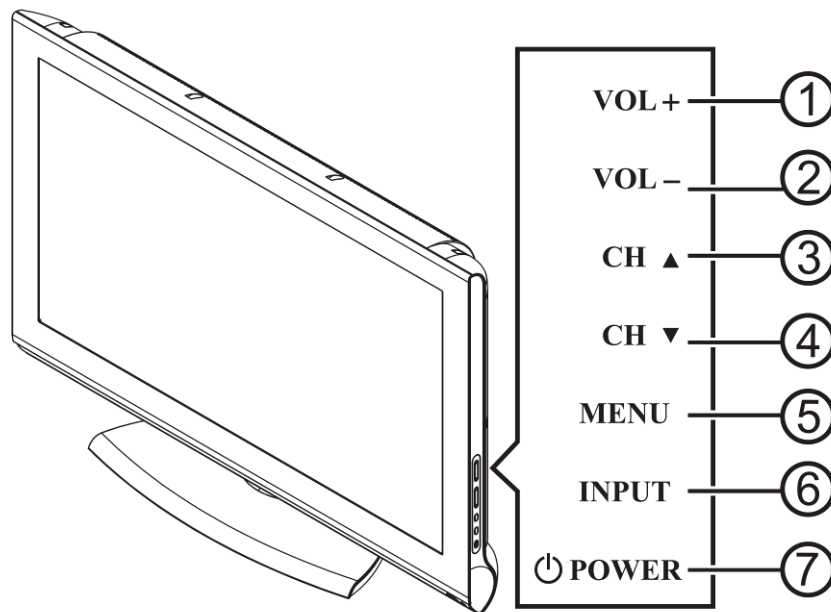
1. Turn off the HDTV and VCR or Video Camera.
2. Connect the S-Video jack on the rear of your VCR or Video Camera to the S-Video jack in the AV group on the rear of the HDTV.
3. Connect an audio cable (white and red connectors) cable to the audio output connectors associated with the S-Video output on your VCR or Video Camera and connect the other end to the audio connectors associated with the AV input on the rear of the HDTV.
4. Turn on the HDTV and VCR or Video Camera.
5. Select AV using the SOURCE button on the remote, side of the HDTV or directly by pressing the VIDEO button on the Remote Control.

Connecting to a PC



1. Turn off the HDTV and PC.
2. Connect a 15-pin D-Sub RGB (VGA) cable to the RGB output of your PC and the other end to the VGA input at the rear of the HDTV.
3. Connect the Audio Out on your computer to the AUDIO input at the rear of the HDTV.
4. Turn on the HDTV and PC.
5. Select VGA using the SOURCE button on the remote, side of the HDTV or directly by pressing the HDMI/PC button on the Remote.

2.4 Front Panel Control Knobs



1.	VOL +	VOL +: Press to increase the sound volume level.
2.	VOL -	VOL - : Press to decrease the sound volume level.
3.	CH ▲	CH +: Press to select the next higher Program number.
4.	CH ▼	CH - : Press to select the next lower Program number.
5.	MENU	Menu key: Press to open or exit the OSD (on-screen display) menu.
6.	INPUT	Source key: Press to select the input source.
7.	⏻ POWER	Power key: Press to turn on / off (standby) the TV set. (Press to turn on TV after the power on status, LED had changed to the Blue color and stopped flashing.)

3. Input/Output Specification

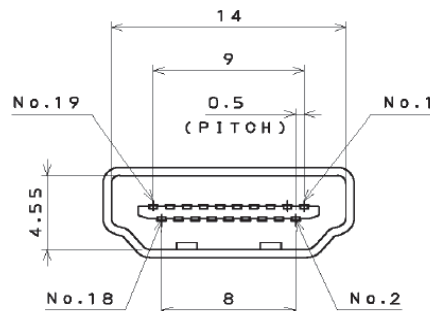
3.1 RGB Signal Input



15 - Pin Color Display Signal Cable

Pin No.	Description	Pin No.	Description
1	Red Video	9	No Pin
2	Green Video	10	Sync Ground
3	Blue Video	11	SDA(Remote Control)
4	SCL(Remote Control)	12	Serial Data for DDC
5	Ground	13	H-Sync.
6	Red Video Ground	14	V-Sync.
7	Green Video Ground	15	Serial Clock for DDC
8	Blue Video Ground		

3.2 HDMI Digital Connector Pin Assignments



Pin No.	Description	Pin No.	Description
1	TMDS Data2+	2	TMDS Data2 Shield
3	TMDS Data2-	4	TMDS Data1+
5	TMDS Data1 Shield	6	TMDS Data1-
7	TMDS Data0+	8	TMDS Data0 Shield
9	TMDS Data0-	10	TMDS Clock+
11	TMDS Clock Shield	12	TMDS Clock-
13	CEC	14	NC
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

3.3 AV/S-Video/Component Video Inputs

AV (Composite Video Input)		
Video1		
	System	NTSC
	Amplitude	1.0 V (p-p), negative sync.
	Impedance	75 ohm terminated
S-Video (Y / C Input)		
S-Video2		
	System	NTSC
	Y signal amplitude	1.0Vpp (including sync)
	C signal amplitude	0.286Vpp
	Impedance	75 ohm terminated
Component (Y, Pb/Cb, Pr/Cr Input)		
Video3		
	System	1080i, 480p, 720p, 480i
	Y signal amplitude	1.0Vpp (including sync)
	Cr, (R-Y) / Cb, (B-Y) Signal amplitude	±0.35Vpp, 75 ohm
	Impedance	75 ohm terminated

3.4 Compatible Mode Table

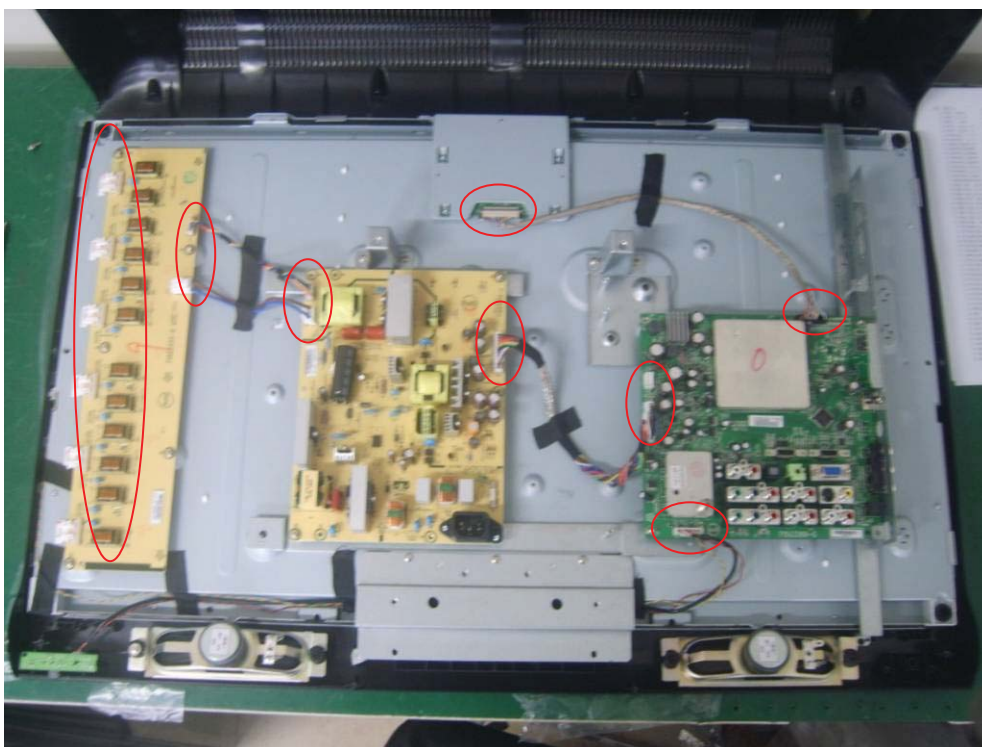
VESA MODES						
		Horizontal		Vertical		
Mode	Resolution	Nominal Frequency (KHz)	Sync Polarity	Nominal Freq. (Hz)	Sync Polarity	Nominal Pixel Clock (MHz)
VGA	640x480@60Hz	31.469	N	59.940	N	25.175
	640x480@72Hz	37.861	N	72.809	N	31.500
	640x480@75Hz	37.5	N	75	N	31.500
	720x400@70Hz	31.469	N	70.087	P	28.322
SVGA	800x600@56Hz	35.156	P	56.25	P	36.000
	800x600@60Hz	37.879	P	60.317	P	40.000
	800x600@72Hz	48.077	P	72.188	P	50.000
	800x600@75Hz	46.875	P	75	P	49.5
XGA	1024x768@60Hz	48.363	N	60.004	N	65.000
	1024x768@70Hz	56.476	N	70.069	N	75.000
	1024x768@75Hz	60.023	P	75.029	P	78.750
WXGA	1280x720@60Hz	45	P	60	P	74.25
	1280x768@60Hz	47.396	P	59.995	N	68.25
	1360x768@60Hz	47.712	P	60.015	P	85.5

4. Mechanical Instructions

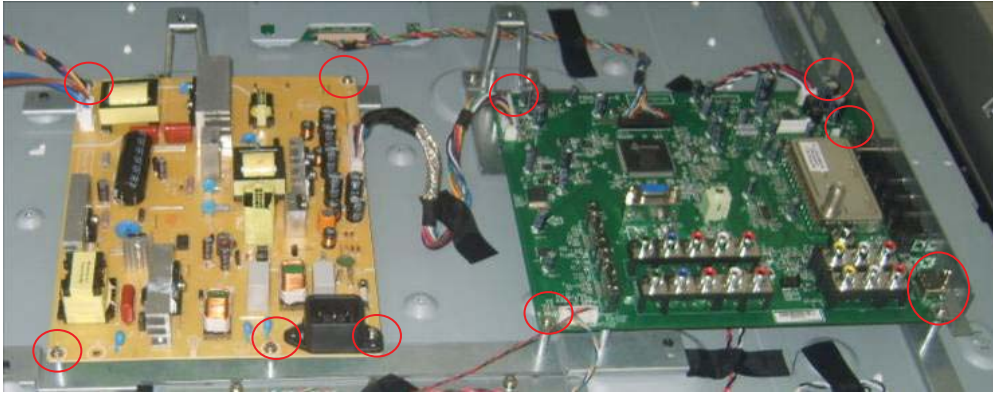
1. Remove the screws to remove the stand base and rear cover.



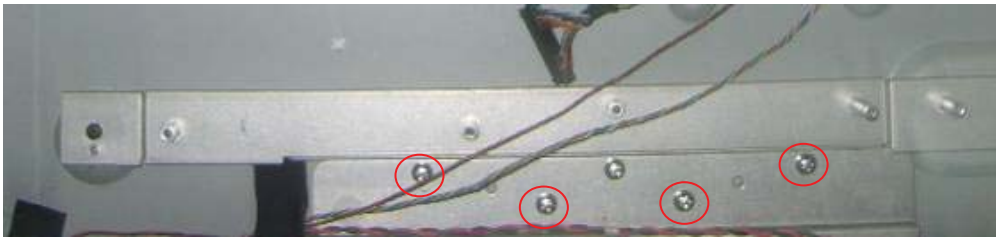
2. Release connectors.



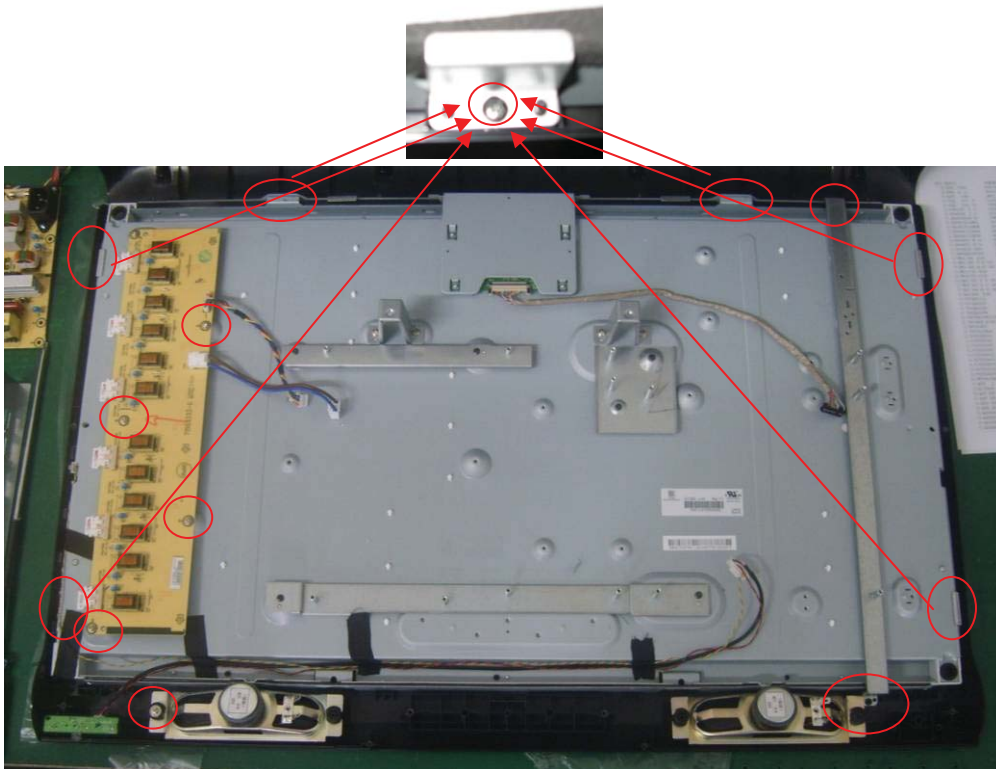
3. Remove the screws to remove main board and power board.



4. Remove the screws to remove bracket.



5. Remove the screws to remove bracket, inverter board, speaker and panel.

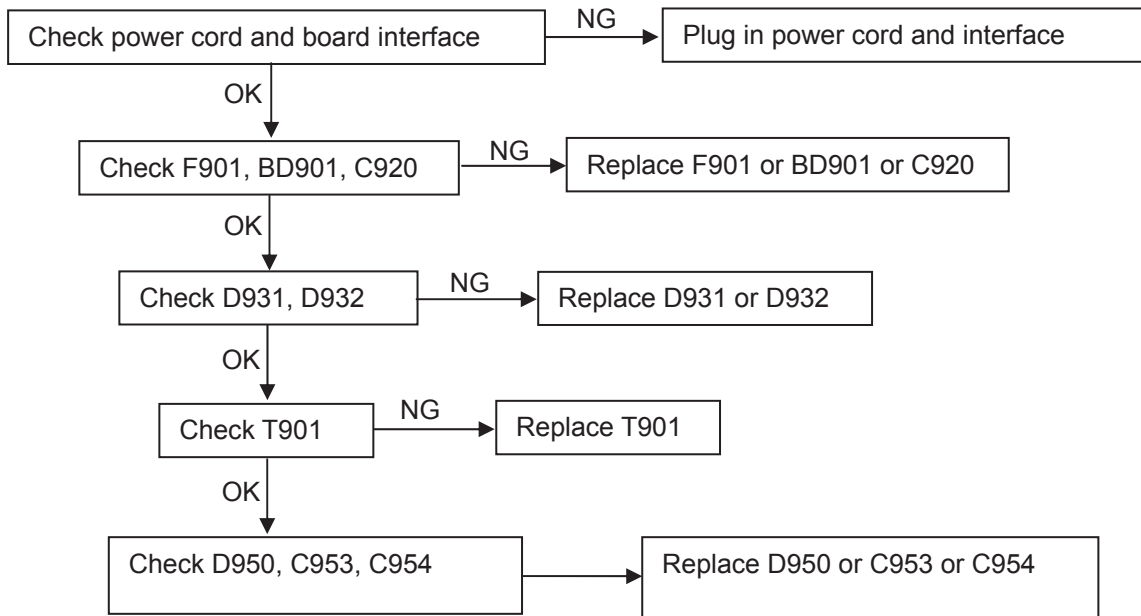


6. Remove key board and IR board.

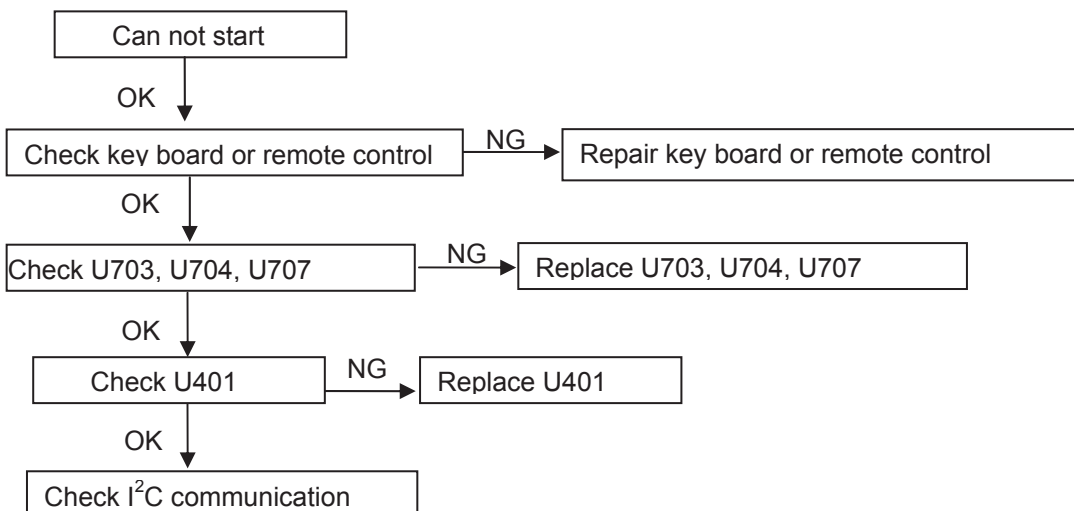


5. Repair Flow Chart

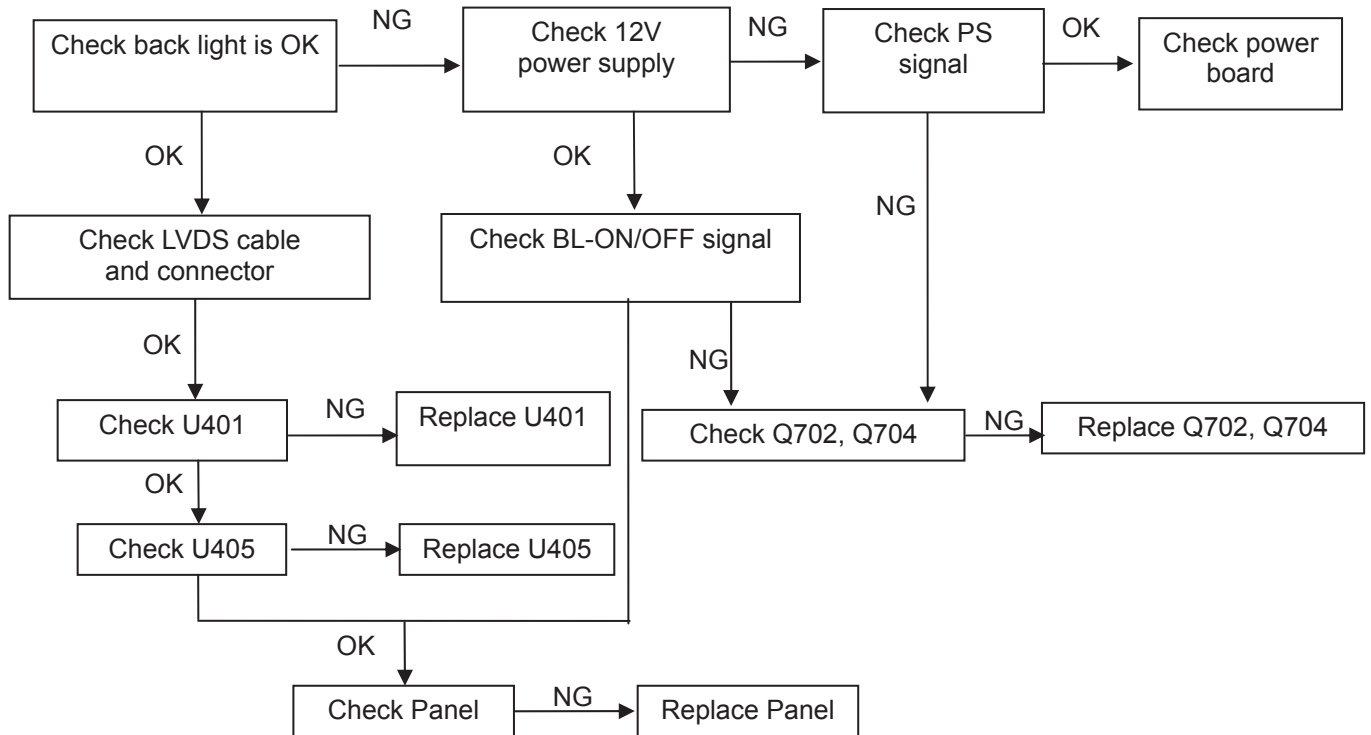
1. No Power (No LED Indicator)



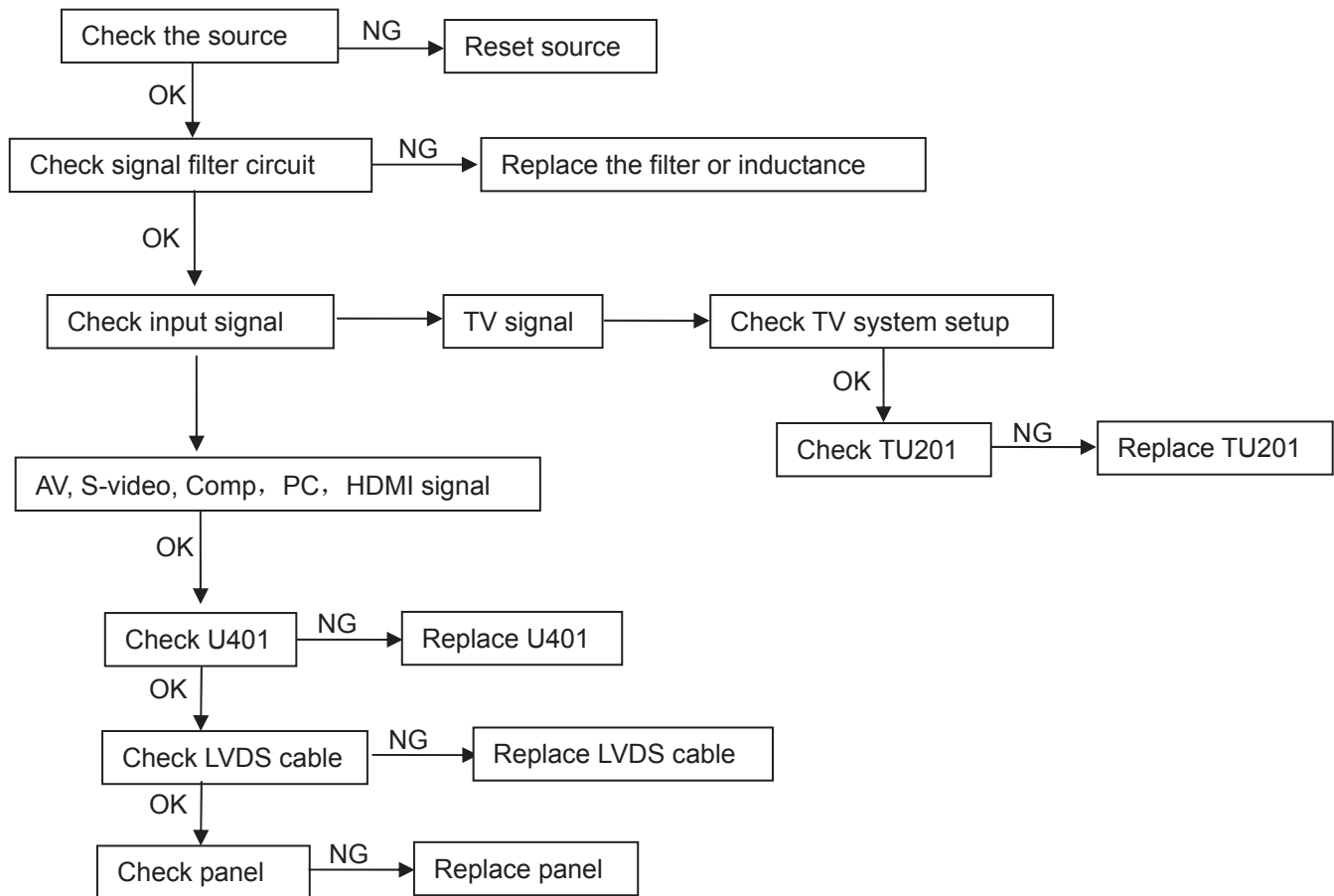
2. Can not Start (LED Indicator Yellow)



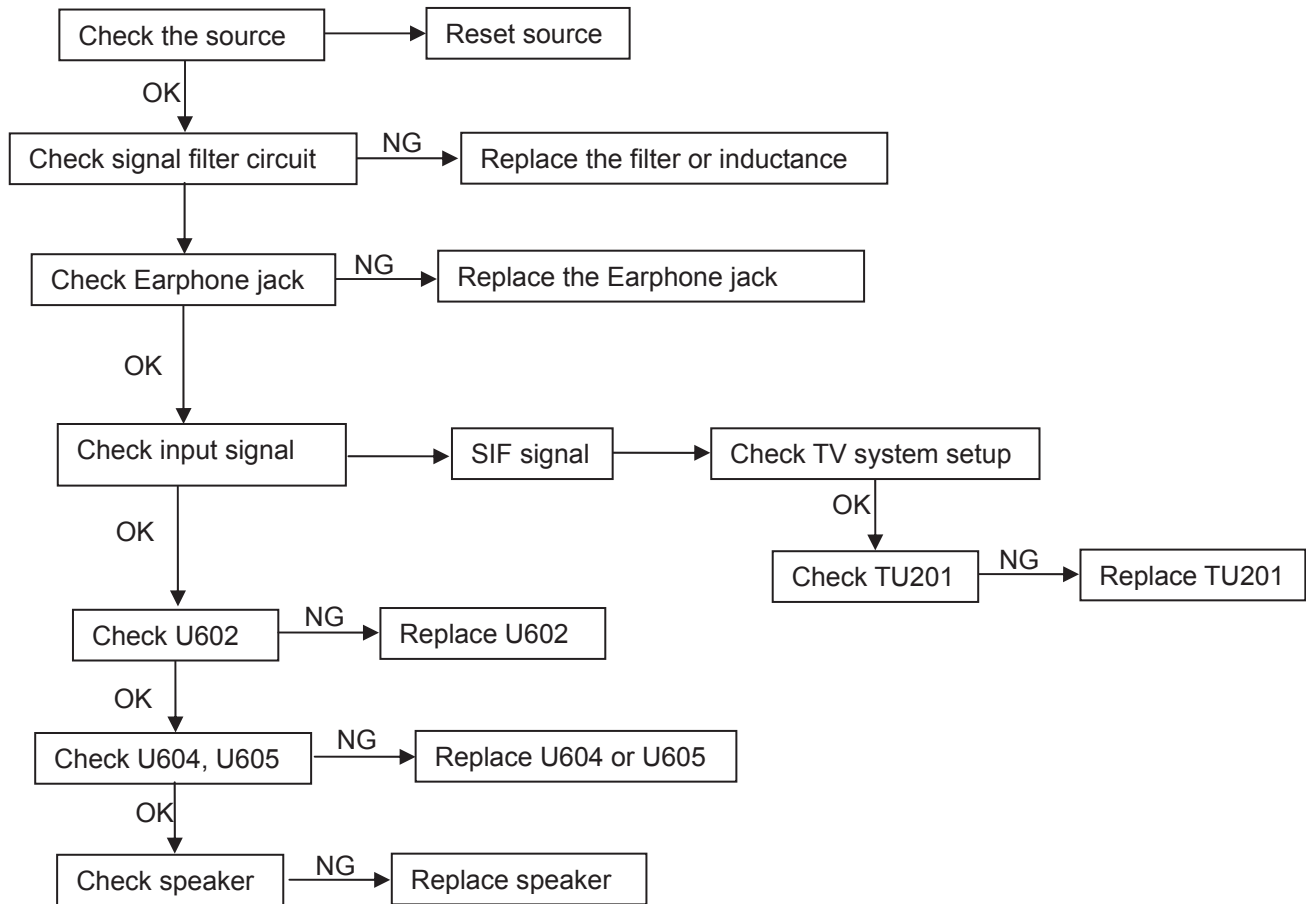
3. No Display (LED Indicator Green)

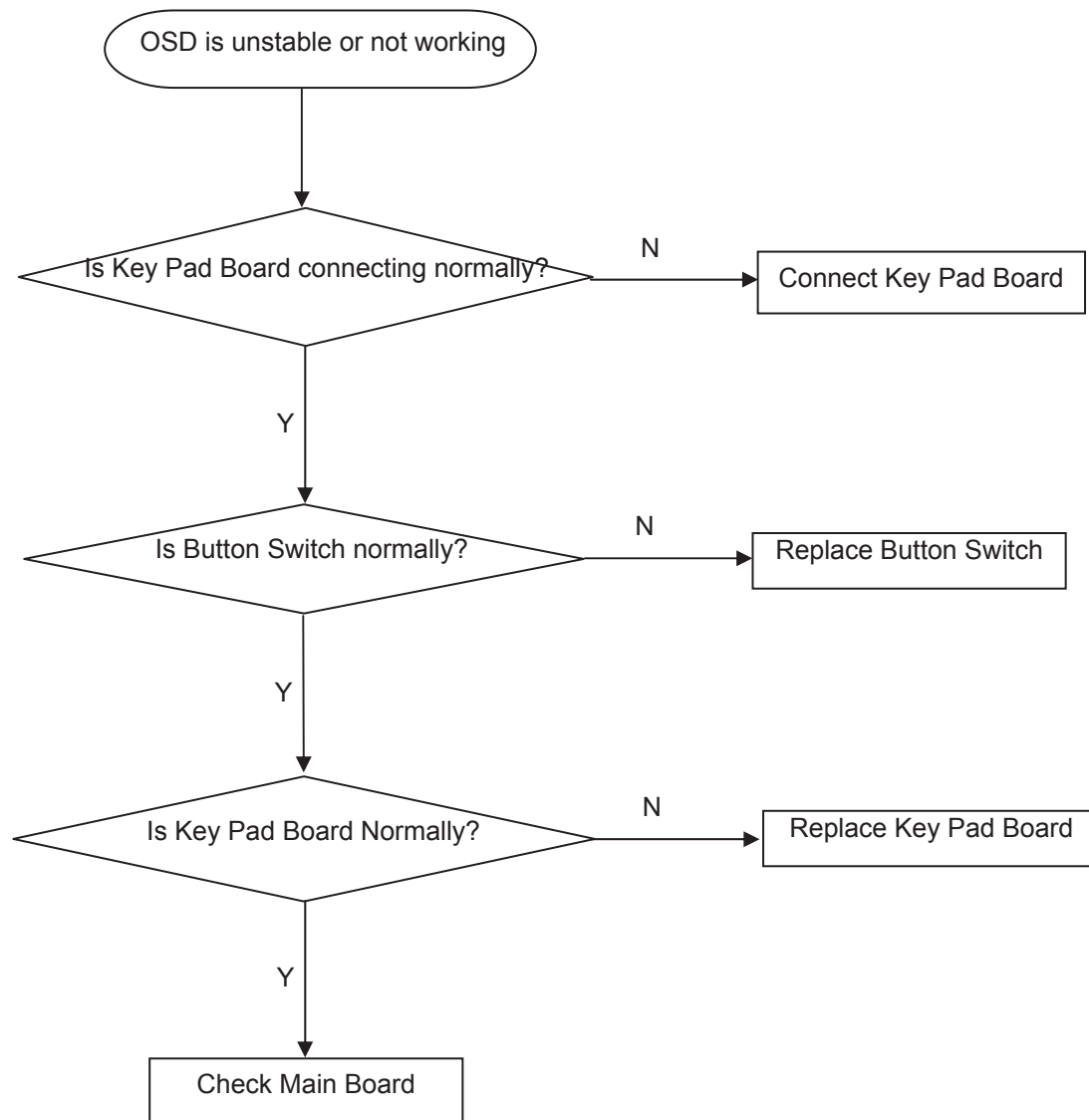


4. Abnormal Display



5. No Sound

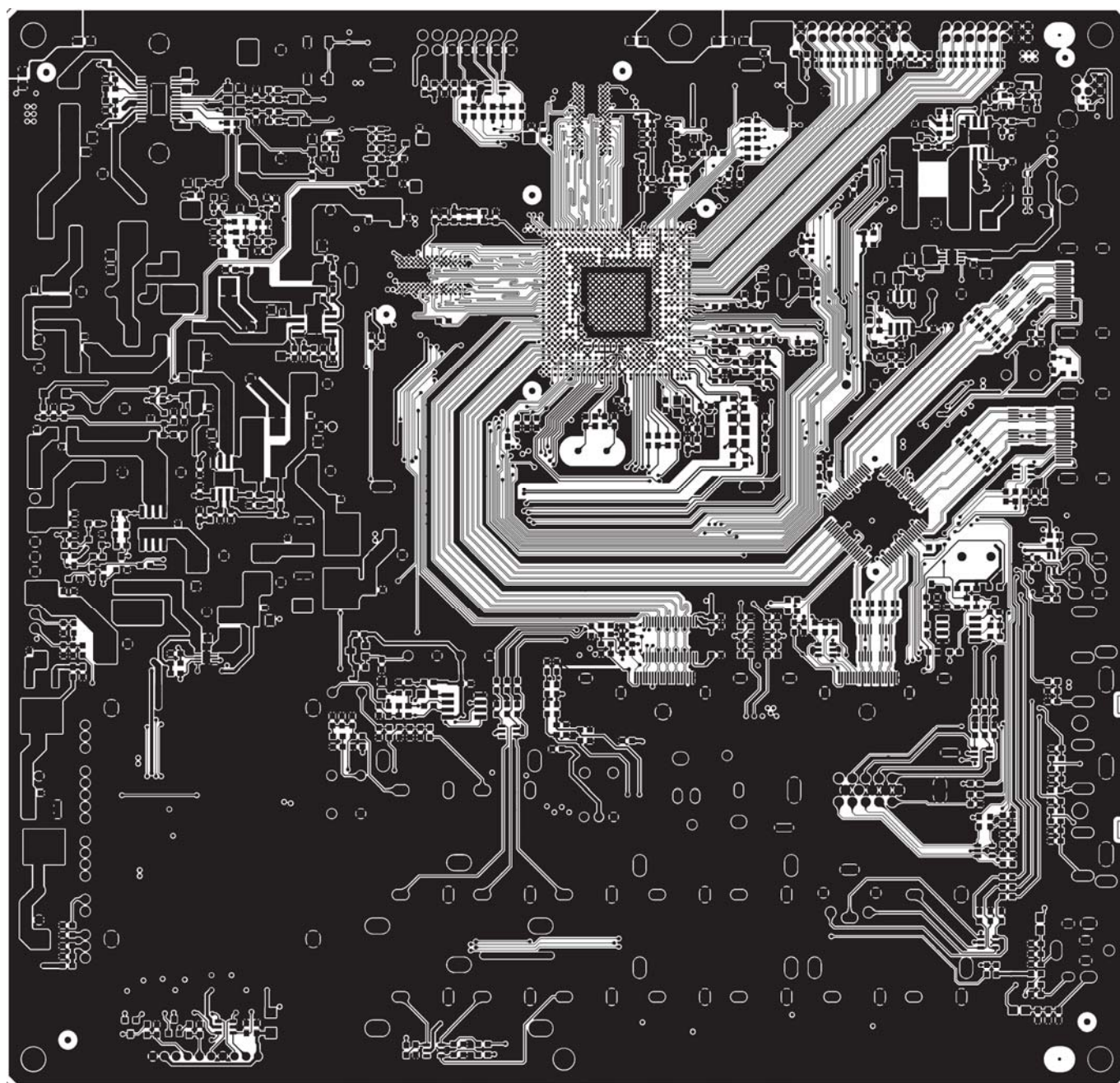


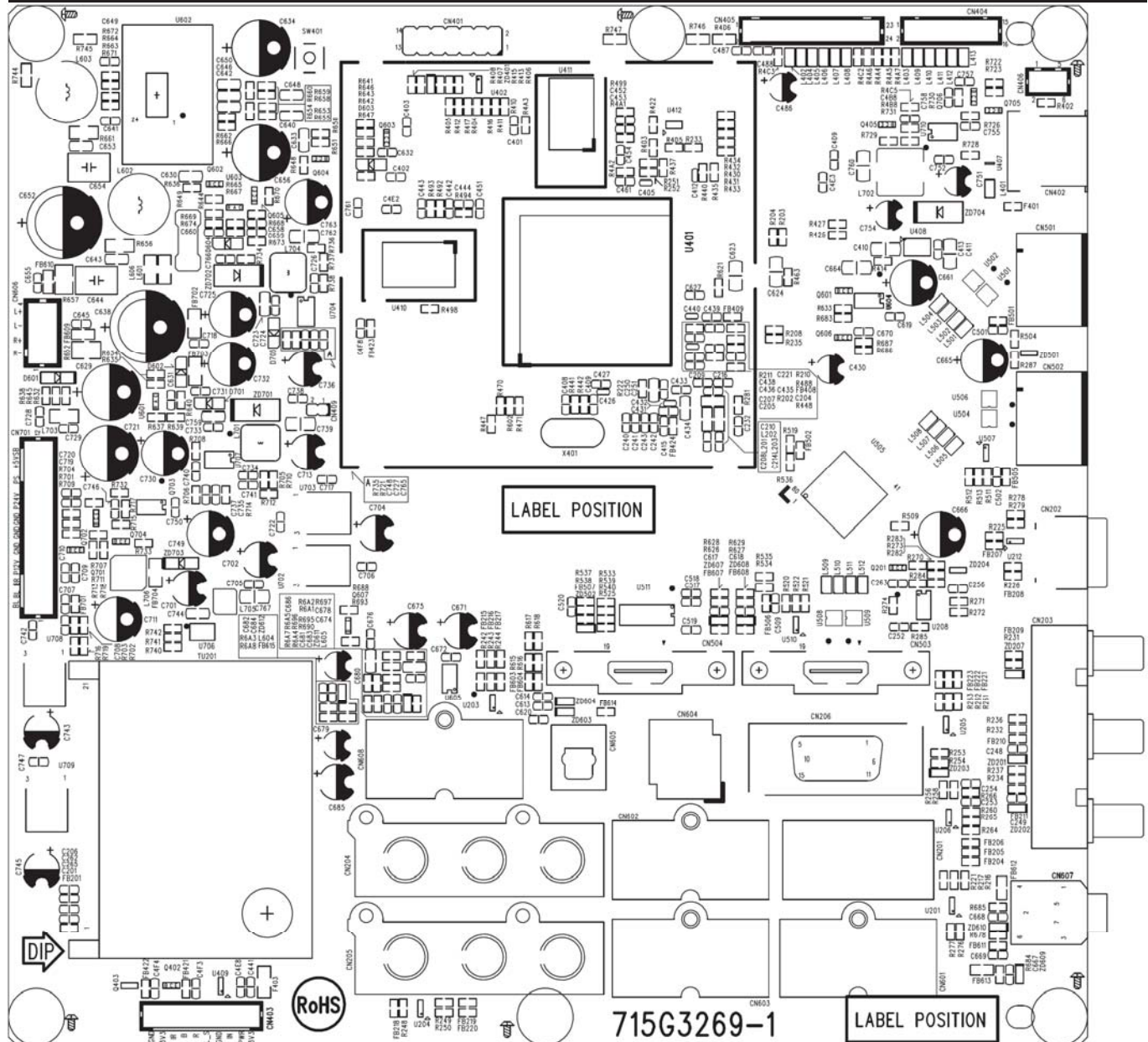


6. PCB Layout

6.1 Main Board

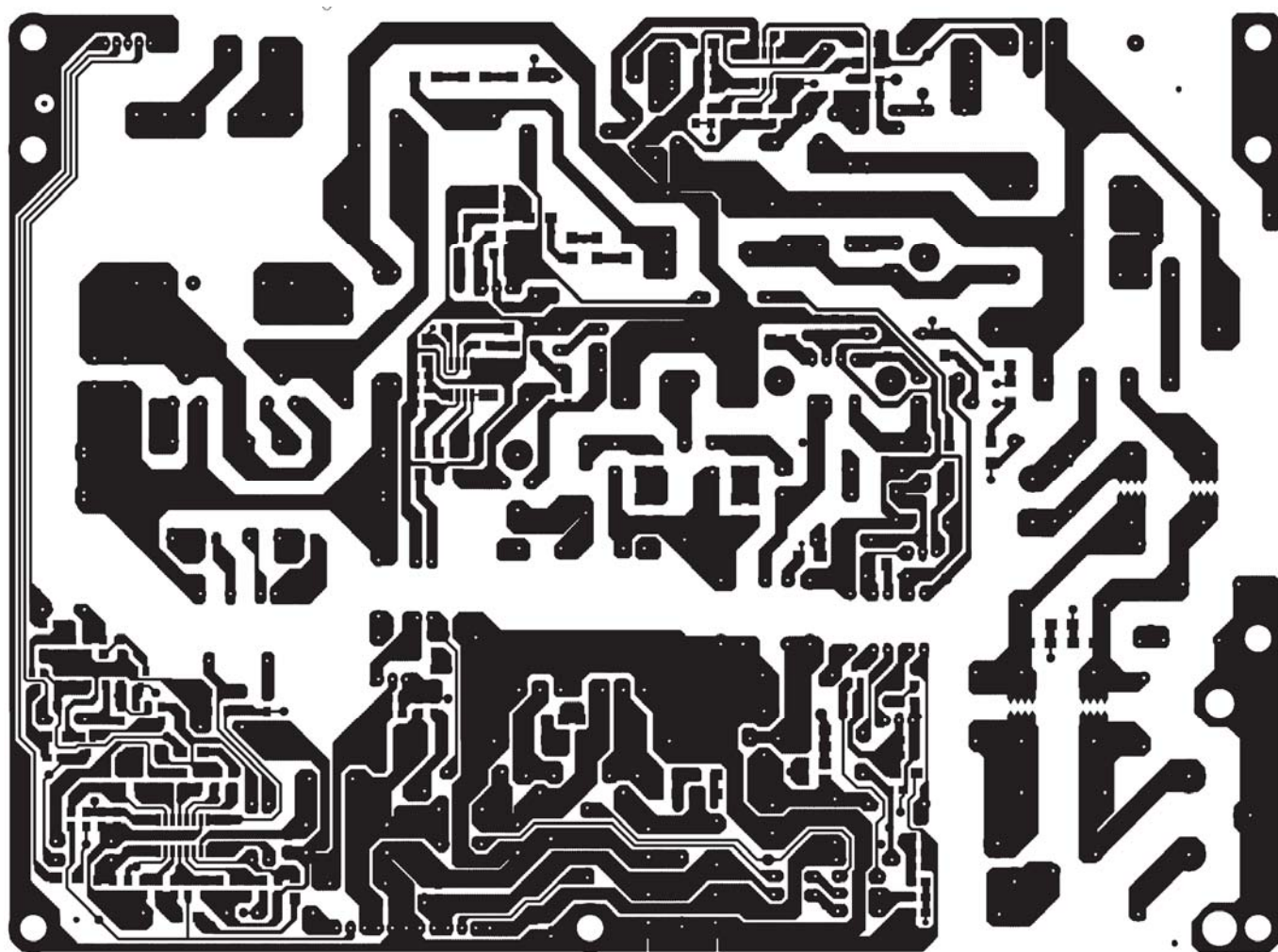
715G3269 1

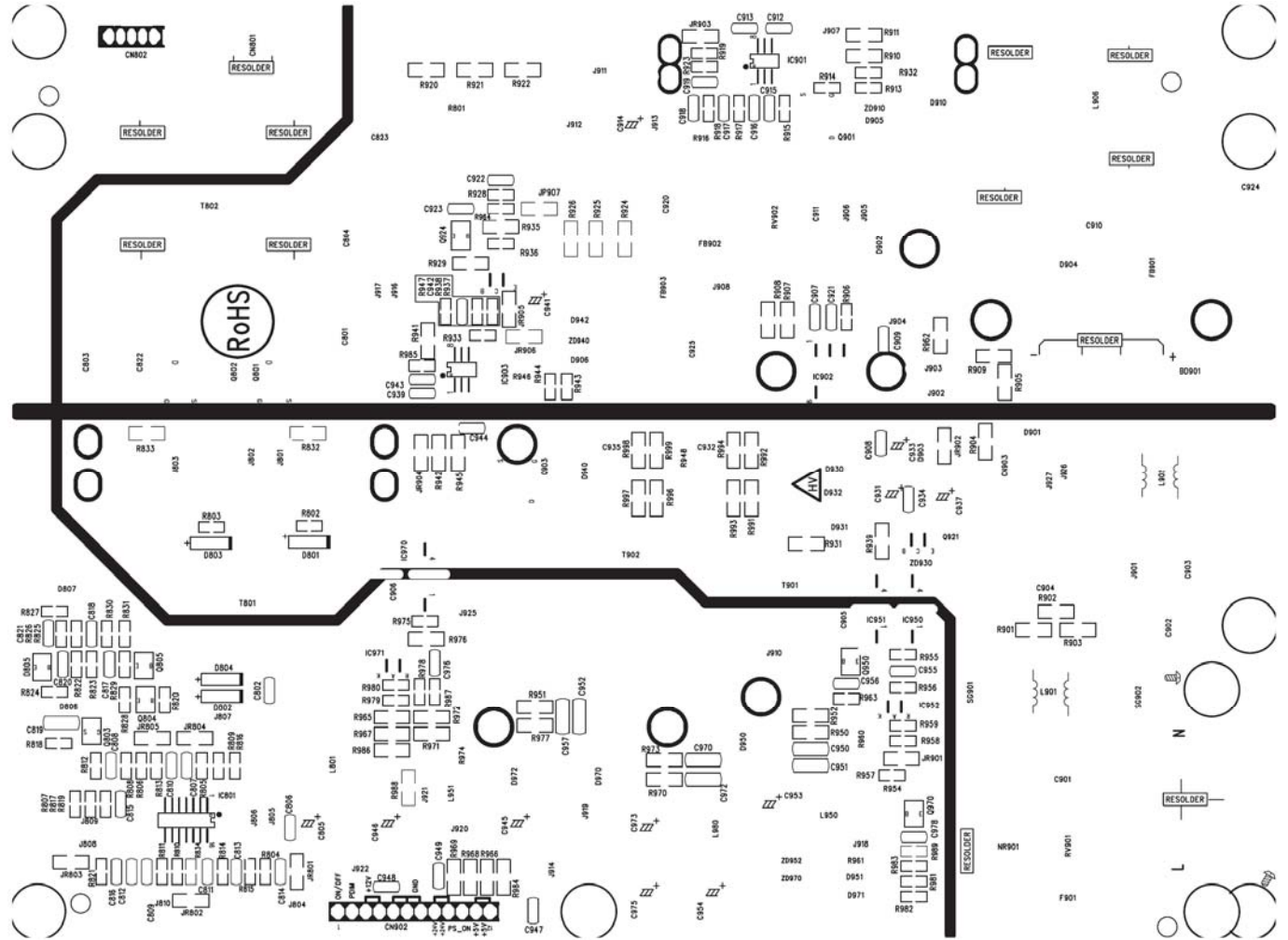


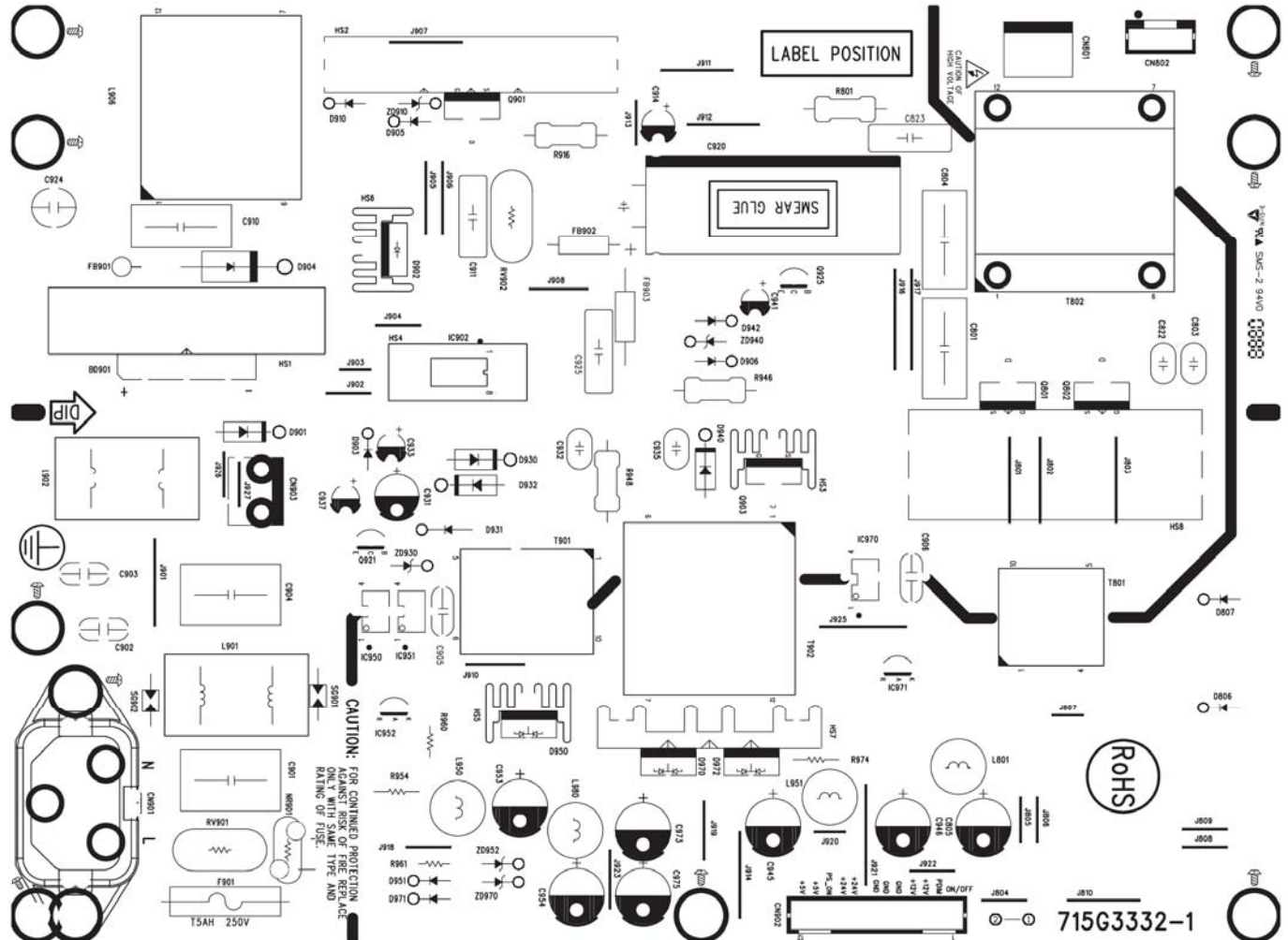


6.2 Power Board

715G3332 1

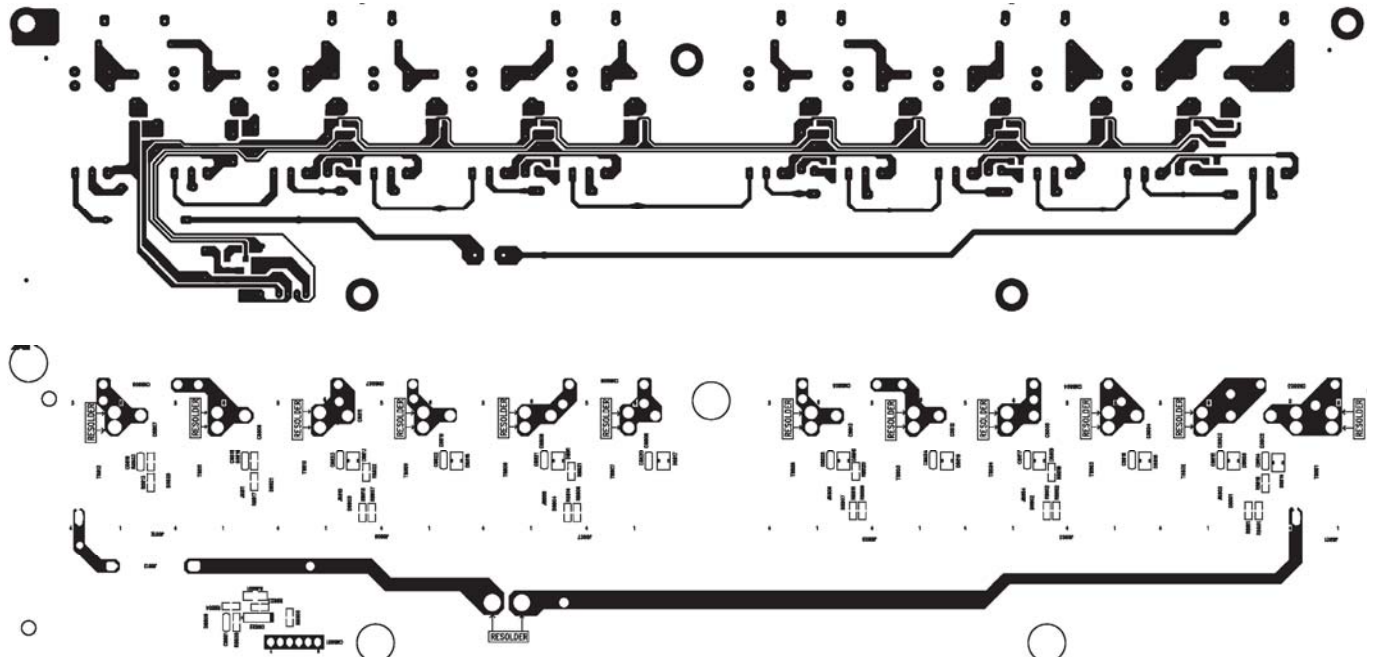


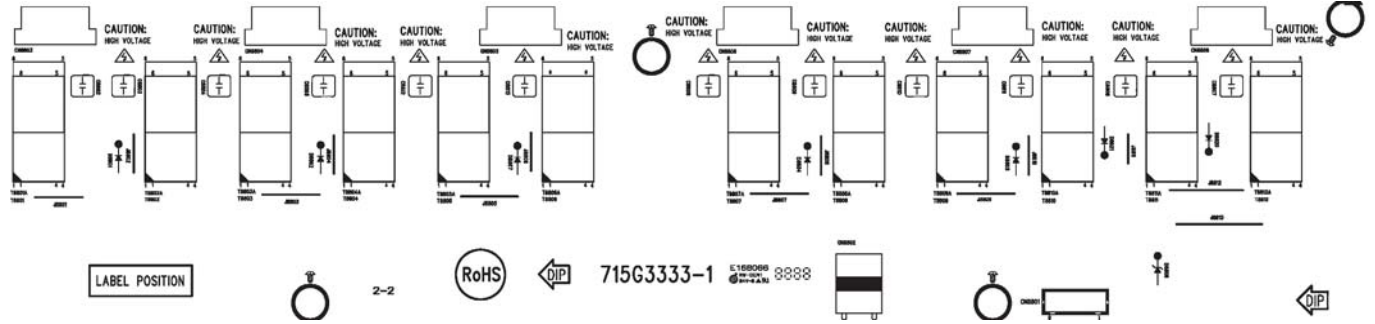




6.3 Inverter Board

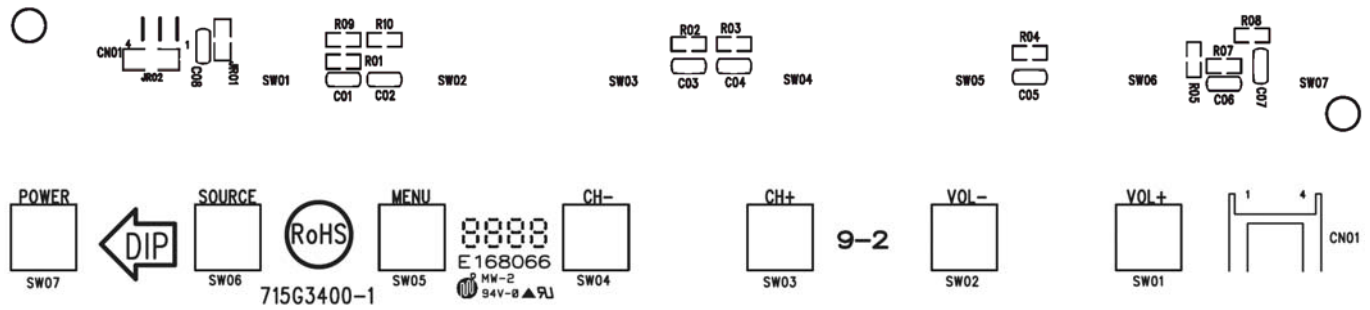
715G3333 1





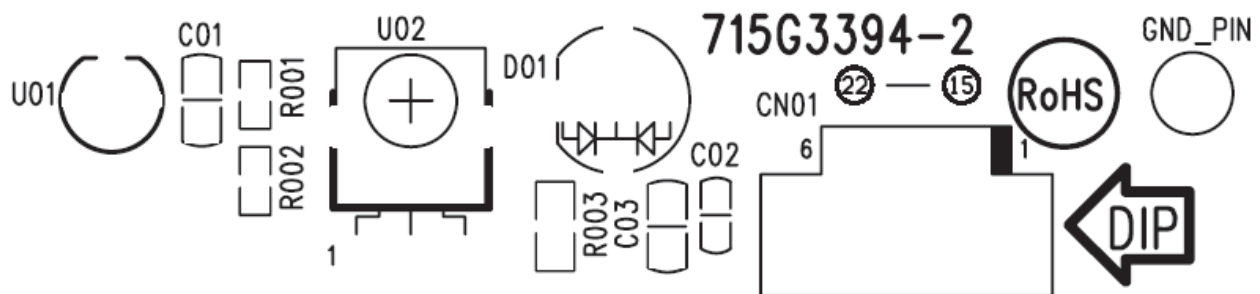
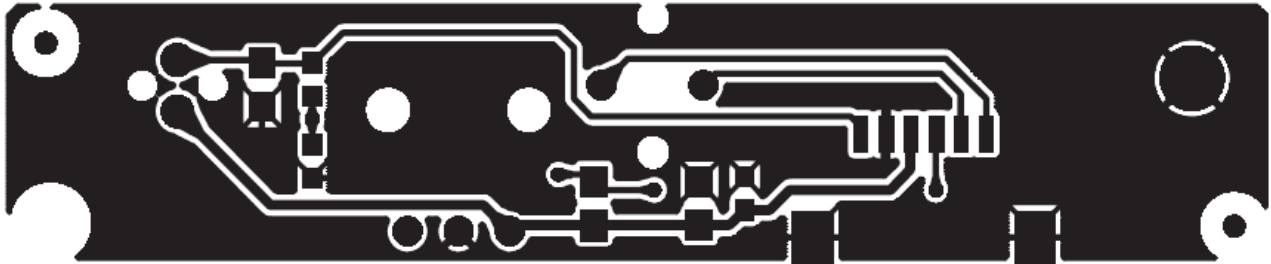
6.4 Key Board

715G3400 1



6.5 IR Board

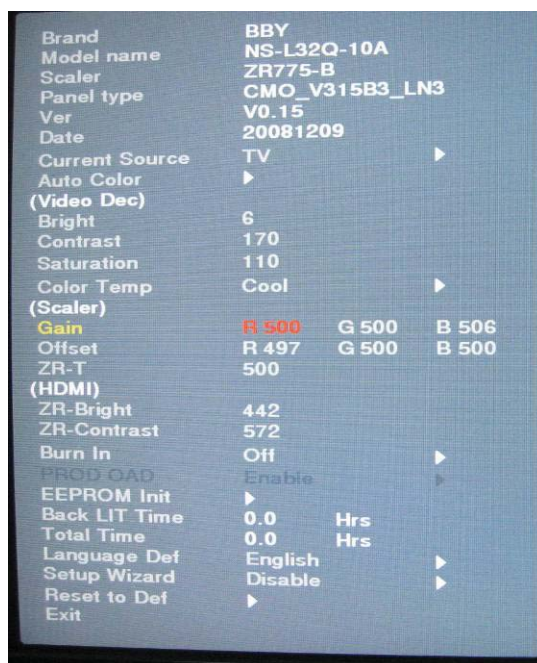
715G3394 2



7. Adjustment

7.1 ADC adjustment

I . In the TV mode adjust volume to zero, press menu key and then press number key 1 → 9 → 9 → 9. It will achieve the factory mode. Select the item of White Balance and press right key to enter it. The factory menu follow picture:



Change TV, press the item “Current Source” to Component mode and change signal to 1080i mode, press the item “Auto Color”; Change TV, press the item “Current Source” to PC mode and change signal to PC TIMING 137(1024X768) Pattern 147 (16 Grays), press the item “Auto Color”.

7.2 White Balance, Luminance Adjustment

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

Before started adjust white balance, please set the Ca210 Channel to 05 Channel and set it's mode to xyLv mode.

Color Temp.		Cold	Normal	Warm
HDMI Mode	x	272	285	313
	y	278	293	329
	Y	Panel Max Luminance		

Note: The tolerance of the Cold color coordinates should be less than ± 10 ; The tolerance of the Normal color coordinates should be less than ± 20 ; The tolerance of the Warm color coordinates should be less than ± 20 ;

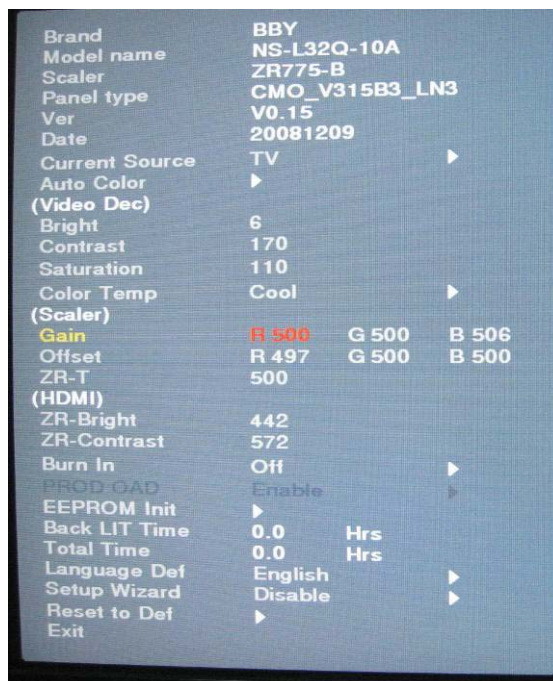
How to setting the Ca210 channel, you can reference to Ca210 user guide or simple use the “Memory CH” up or down to set the channel to 05 channel, and use the “Mode” key to set the mode to xyLv.

Following is the procedure to do white-balance adjust

Note: We can use the HDMI white balance to cover the white balance of all source modes, this method is

HDMI mode:

I . In the TV mode adjust volume to zero, press menu key and then press number key 1 → 9 → 9 → 9. It will achieve the factory mode. Select the item of White Balance and press right key to enter it. The factory menu follow picture:



II .before to adjust the white balance, please press the factory mode OSD of “Reset” to reset all white balance factory setting.

In the White Balance you can adjust 8 items.

- 1> R Offset, G Offset, B Offset → R, G, B Offset adjust.
- 2> R Gain, G Gain, B Gain → R, G, B Gain adjust.
- 3> ZR-Bright adjust;
- 4> ZR-Contrast adjust;
- 5> ZR-T → Color Temp adjust;

III. Gain adjustment:**A. Adjust Cool color-temperature:**

1. Set the pattern generator to pattern 104 or 0 IRE pattern. And adjust the Item “ZR-Bright” to min luminance.
2. Switch the Ca210 to xyLv-mode (with press “MODE” button)
3. Switch the Ca210 channel to Channel 05 (with up or down “MEMORY CH” button)
4. The LCD-indicator on Ca210 will show x =272, y =278, Lv can adjust to max luminance.
5. Use the item R Offset and B Offset adjust to Adjust black balance: use 20 IRE(Pattern 190) signal, and adjust the black balance, until the Ca210 show x =272, y =278.
6. Use the item R Gain and B Gain to adjust white balance: use 100 IRE (Pattern 105) signal, and adjust the white balance, until the Ca210 show x =272, y =278.

7. Adjust item "ZR-Contrast" to check color temperature is saturation or not: Add by 7 steps and then to adjust the item R Gain and item B Gain to check the color temperature is saturation or not, until is saturation.
8. Enter the item "Color Temp" to select another color temperature to adjust.

B. Adjust Normal temperature:

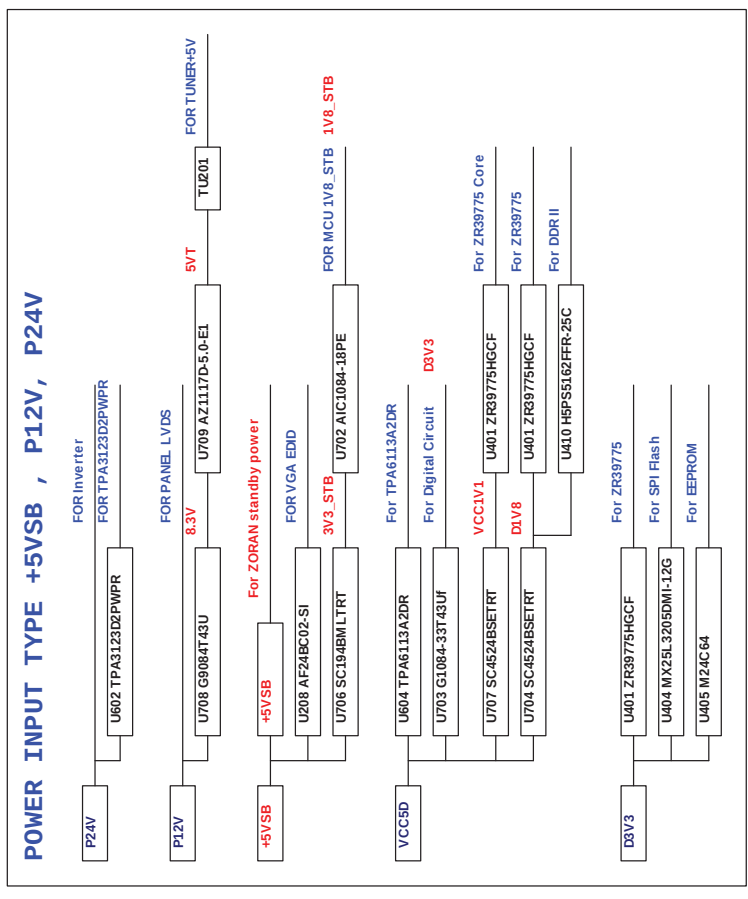
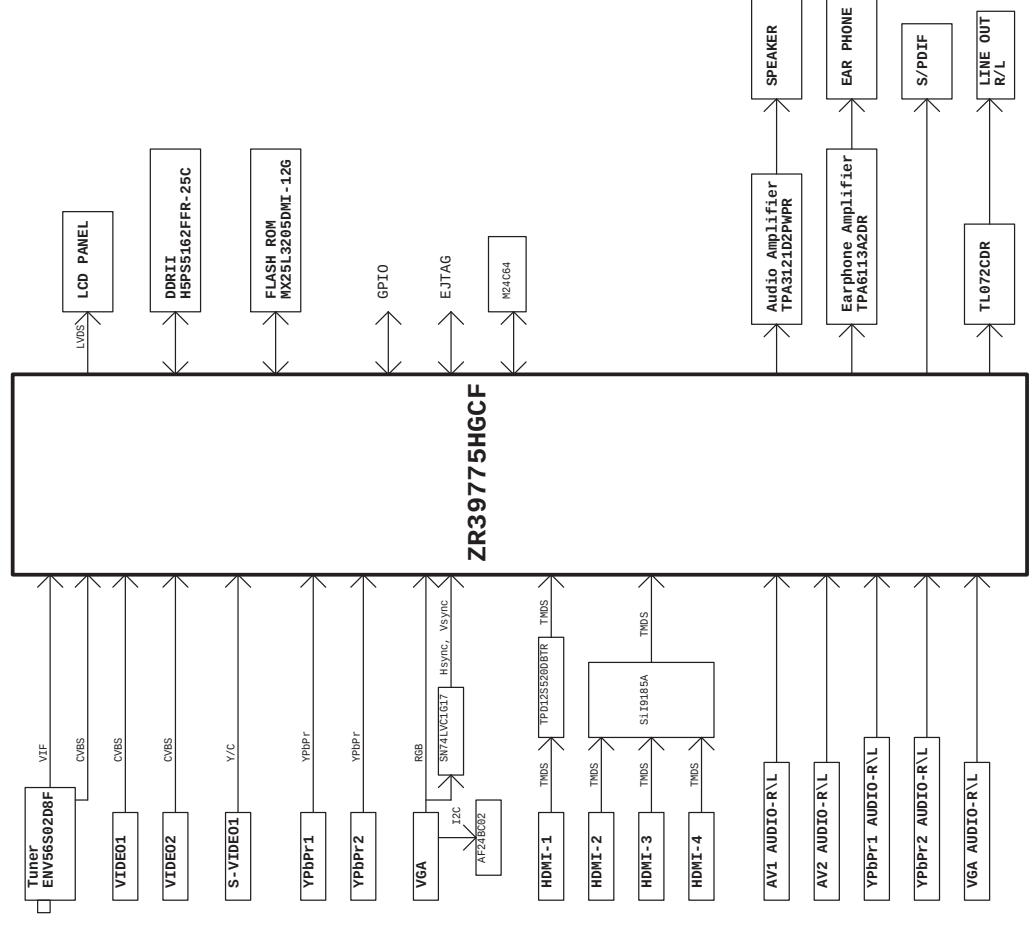
1. Set the pattern generator to pattern 104 or 0 IRE pattern. Adjust the Item "ZR-Bright" value and can adjust to min luminance
2. Switch the Ca210 to T Δ uvLv-mode (with press "MODE" button)
3. Switch the Ca210 channel to Channel 05 (with up or down "MEMORY CH" button)
4. The LCD-indicator on Ca210 will show T=9300K.
5. Adjust the Color Temp item: Normal, until Ca210 indicator reached the value T=9300k.

C. Adjust Warm color-temperature:

1. Set the pattern generator to pattern 104 or 0 IRE pattern. Adjust the Item "ZR-Bright" value and can adjust to min luminance
2. Switch the Ca210 to T Δ uvLv-mode (with press "MODE" button)
3. Switch the Ca210 channel to Channel 05 (with up or down "MEMORY CH" button)
4. The LCD-indicator on Ca210 will show T=6500K.
5. Adjust the Color Temp item: Warm, until Ca210 indicator reached the value T=6500k.

Press "Exit" button on remote control to quit from factory mode.

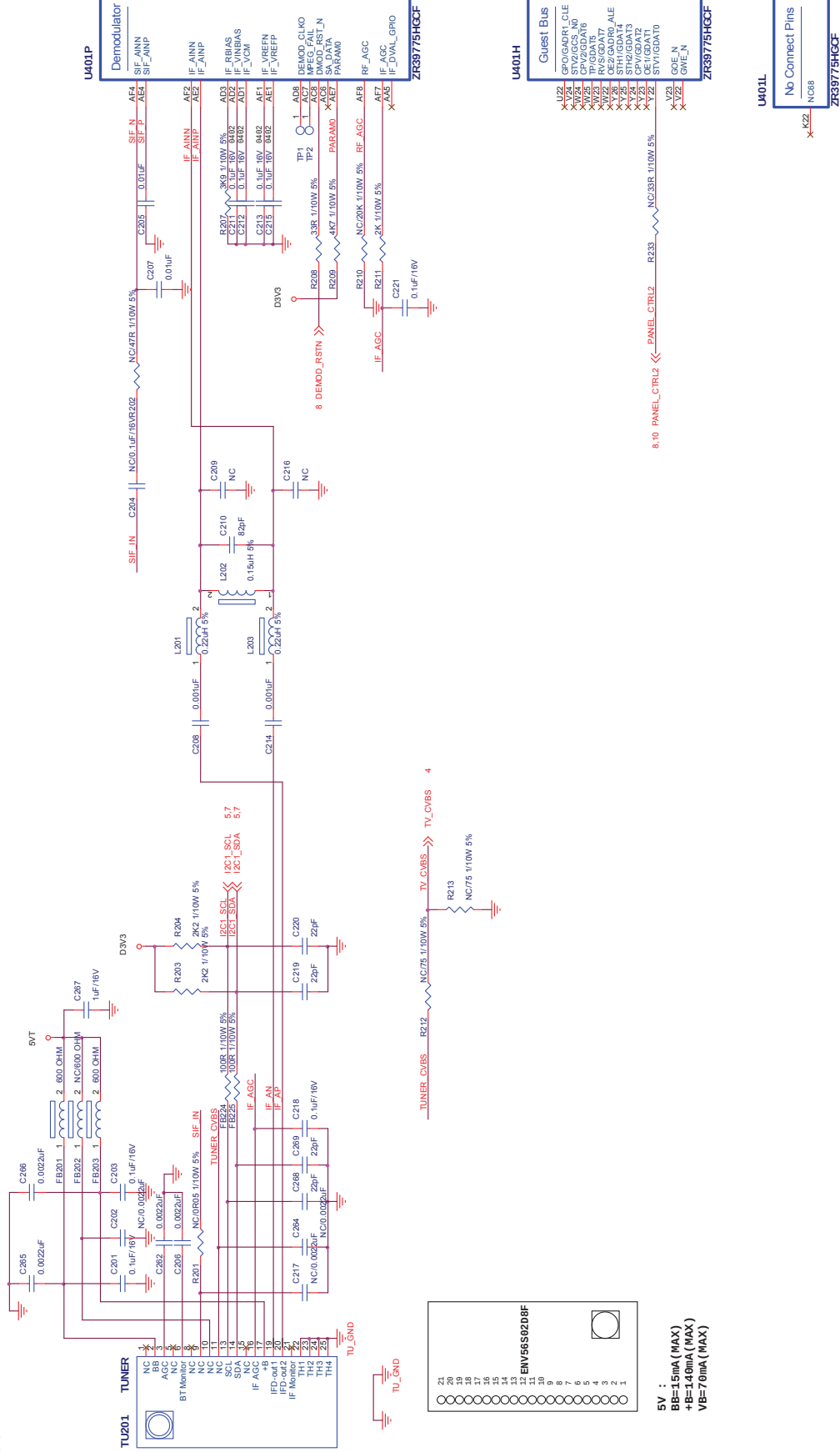
AOC L32H961



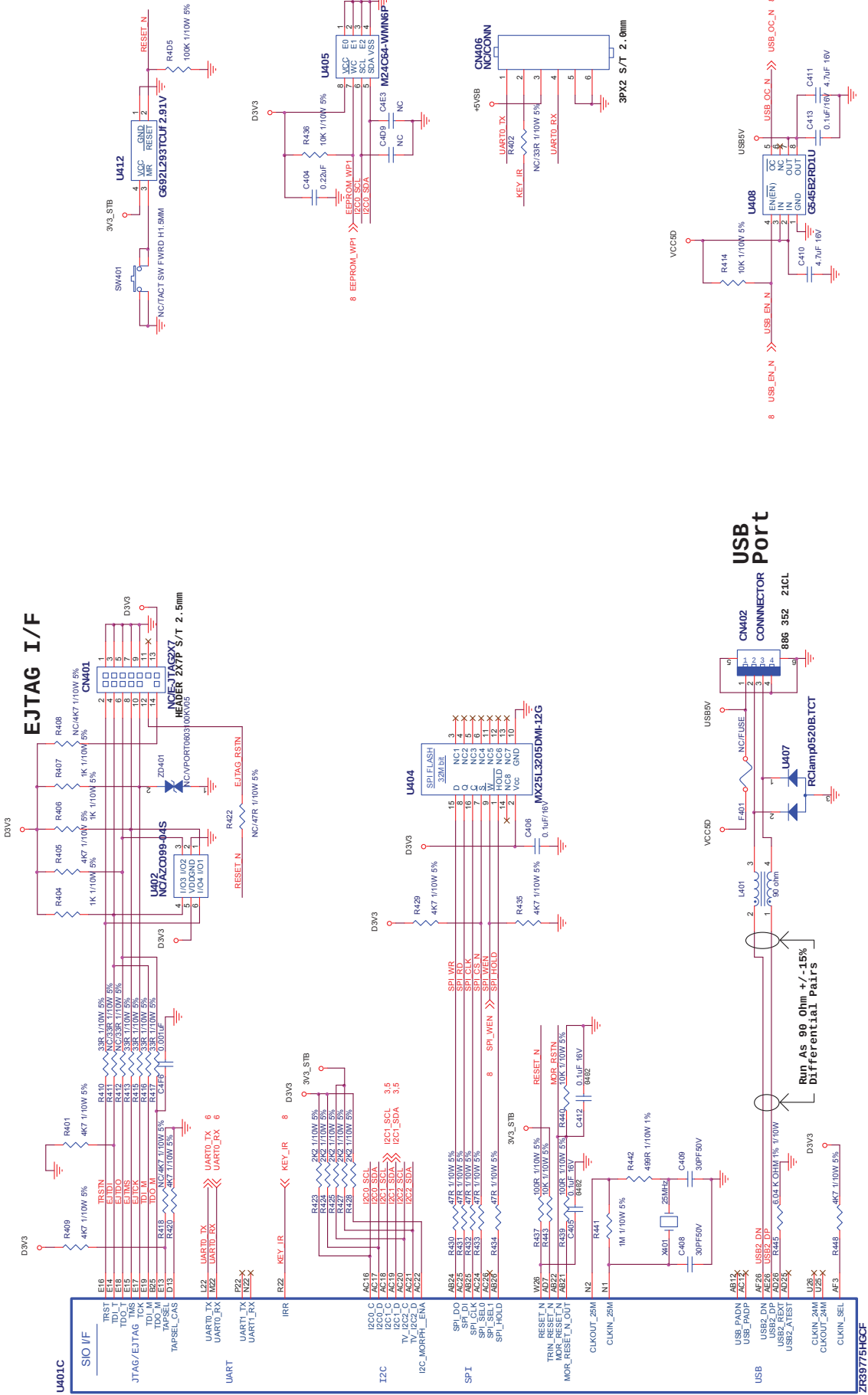
9. Schematic Diagram

9.1 Main Board

715G3269 1

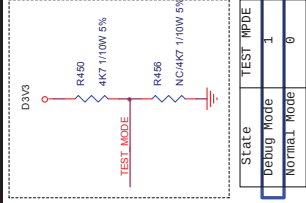


TP V (Top Victory Electronics Co., Ltd.)		CEM MODEL	Size	Custom
顶 典 元 微 电 子		TPV MODEL	Rev	1
Key Component		PCB NAME	715G3269	<备注>
Date	Tuesday, May 19, 2010	Sheet	3 of 15	

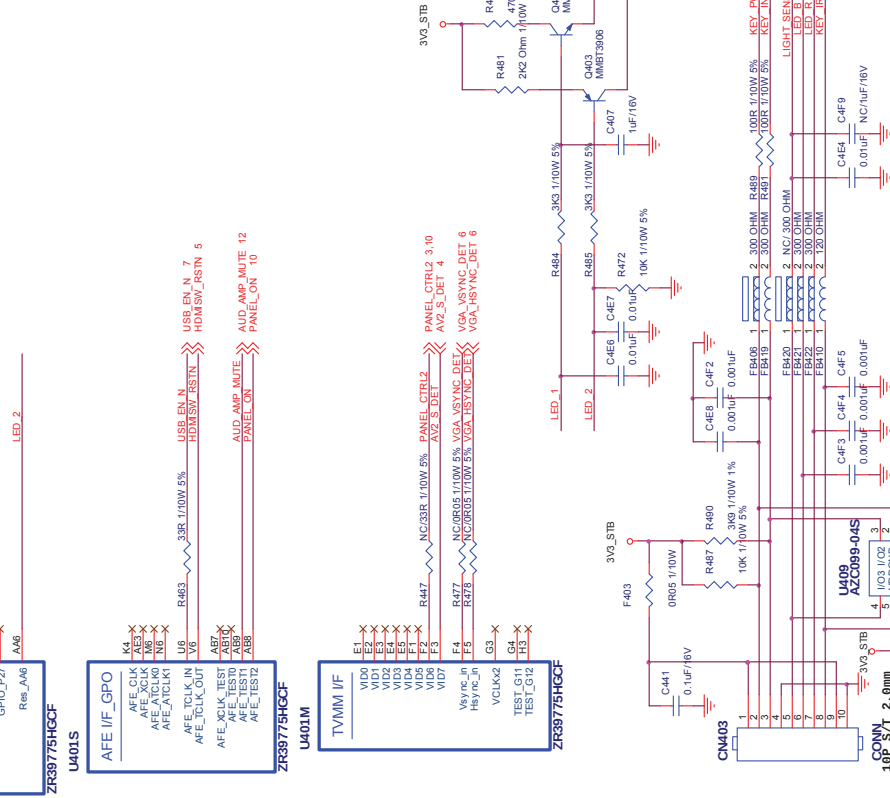


TPV (Top Victory Electronics Co., Ltd.)	CEM MODEL	Size	Custom
屏板瓜 屏板	TPV MODEL	Rev	1
Key Component	PCB NAME	715G3289	
Date	Sheet	7 of 15	<< >>

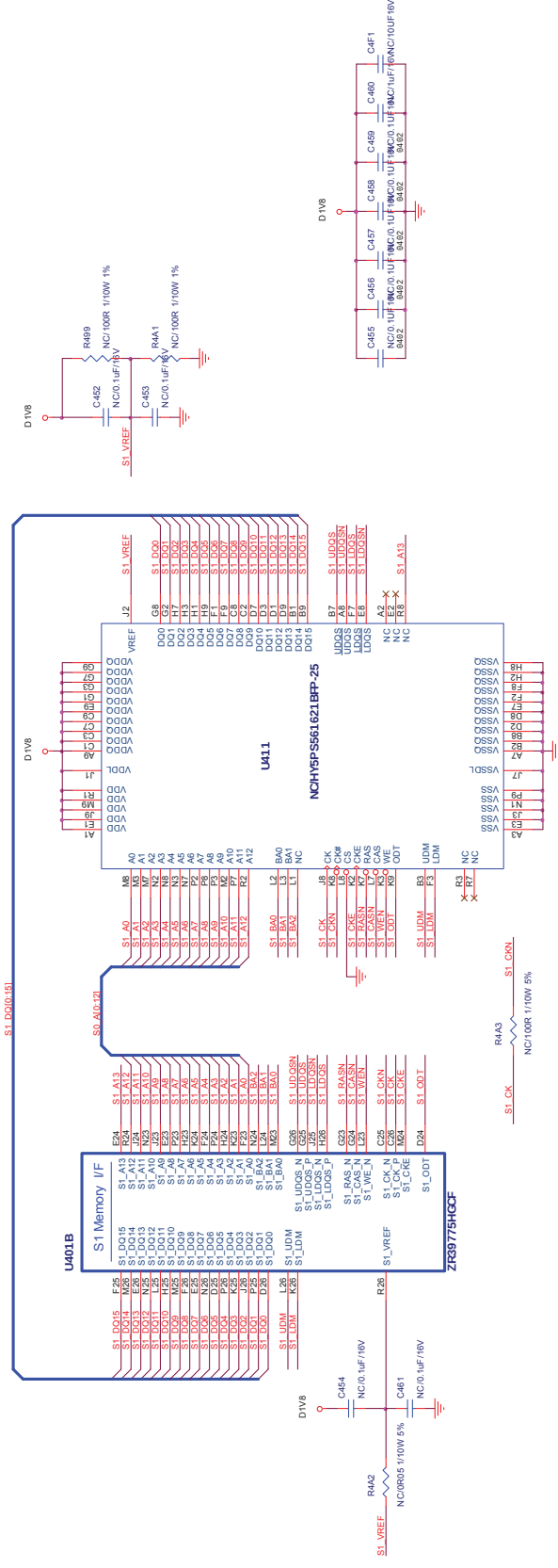
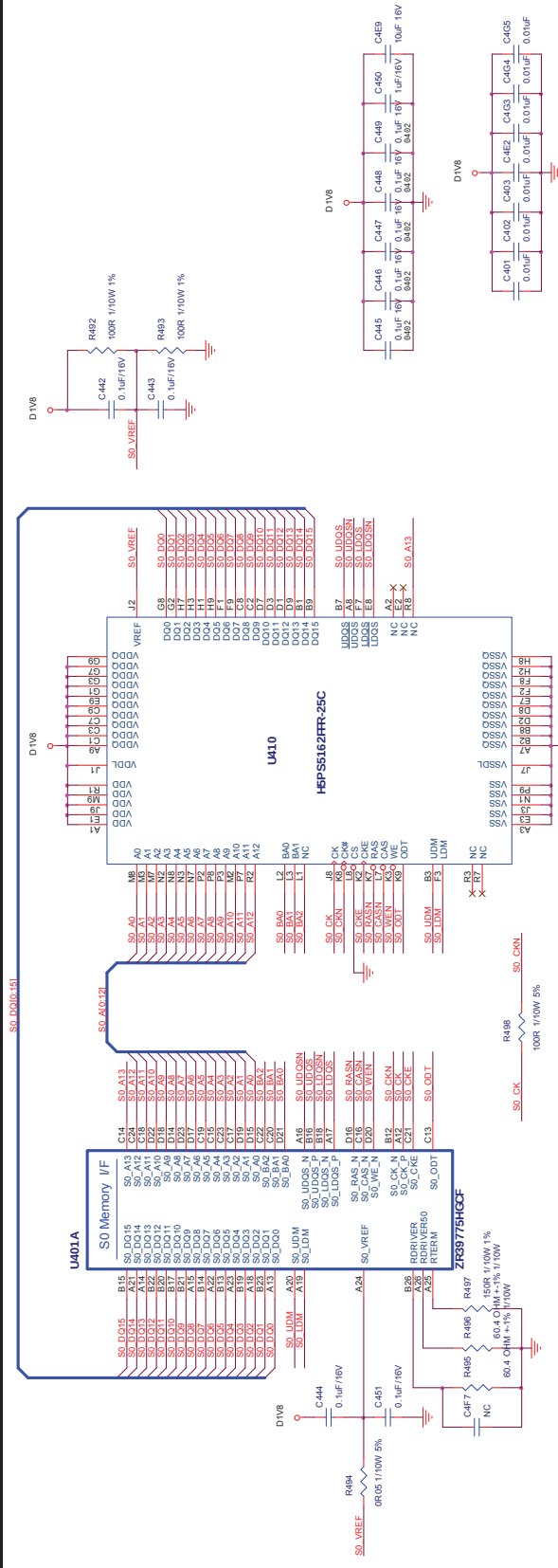
AOC L32H961



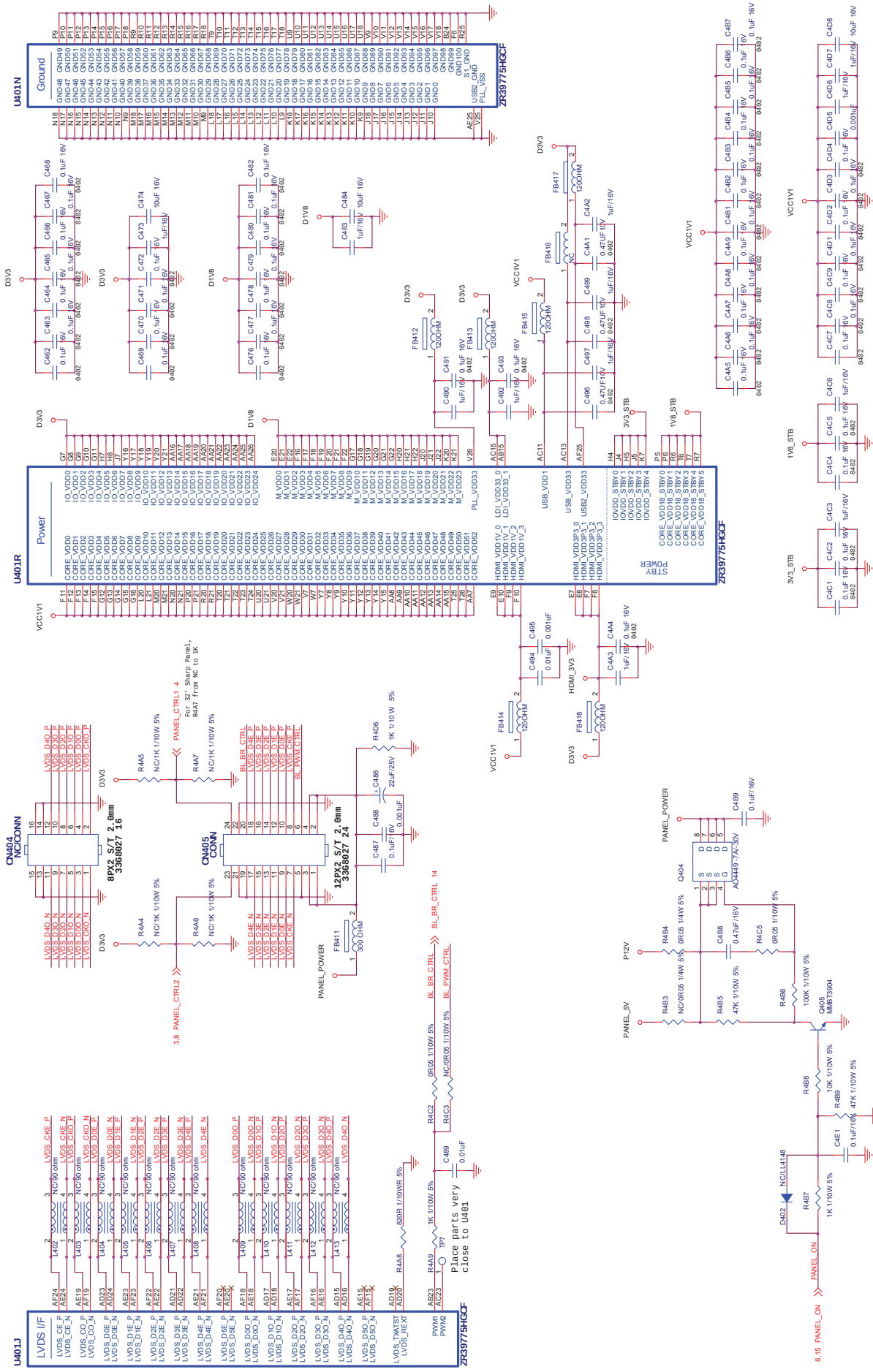
Boot Option	TVM_BOOT
I2C EEPROM	1
SPI	0



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	Custom
臺灣瓜里蘭	TPV MODEL	Rev	1
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Date	Tuesday, May 19, 2009	Sheet	8 of 15
	08-CPHO Block	Rev	<Rev>

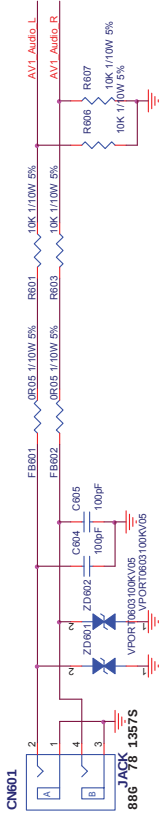


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密爾威爾電				
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Date	Issued on: May 19, 2009	9 of 15		<密爾威爾電>

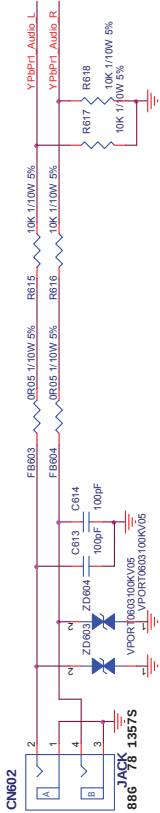


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話筒爪組	TPV MODEL	Rev	1
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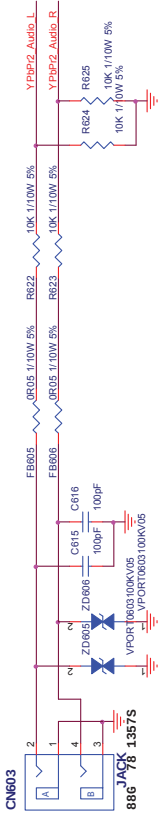
AV1
Audio
Input



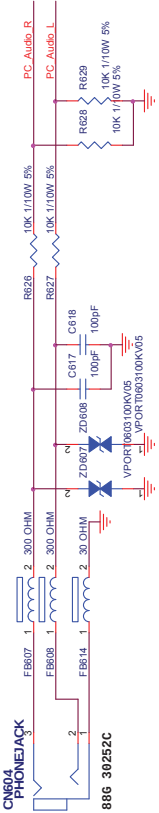
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Audio
Input



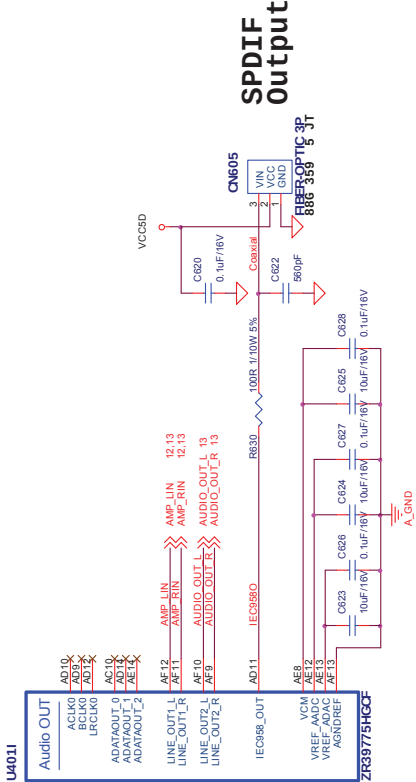
YPbPr2
Audio
Input



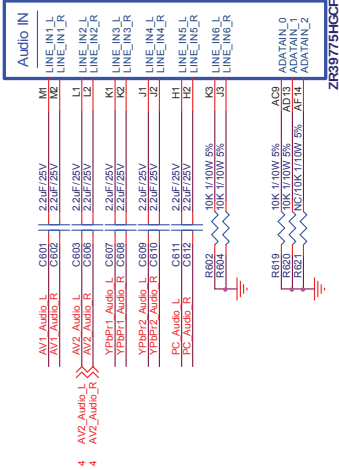
VGA
Audio
Input



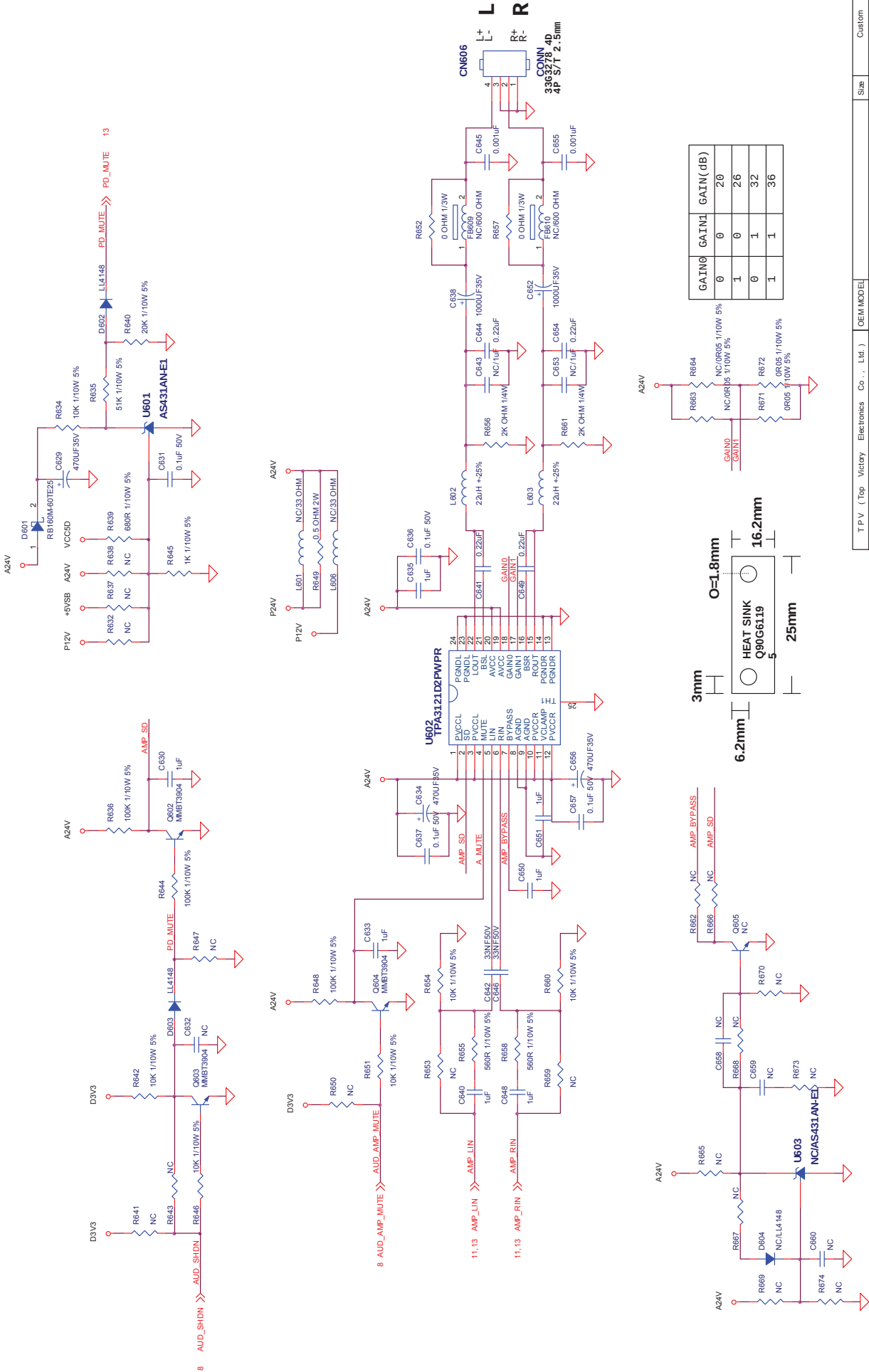
U4011



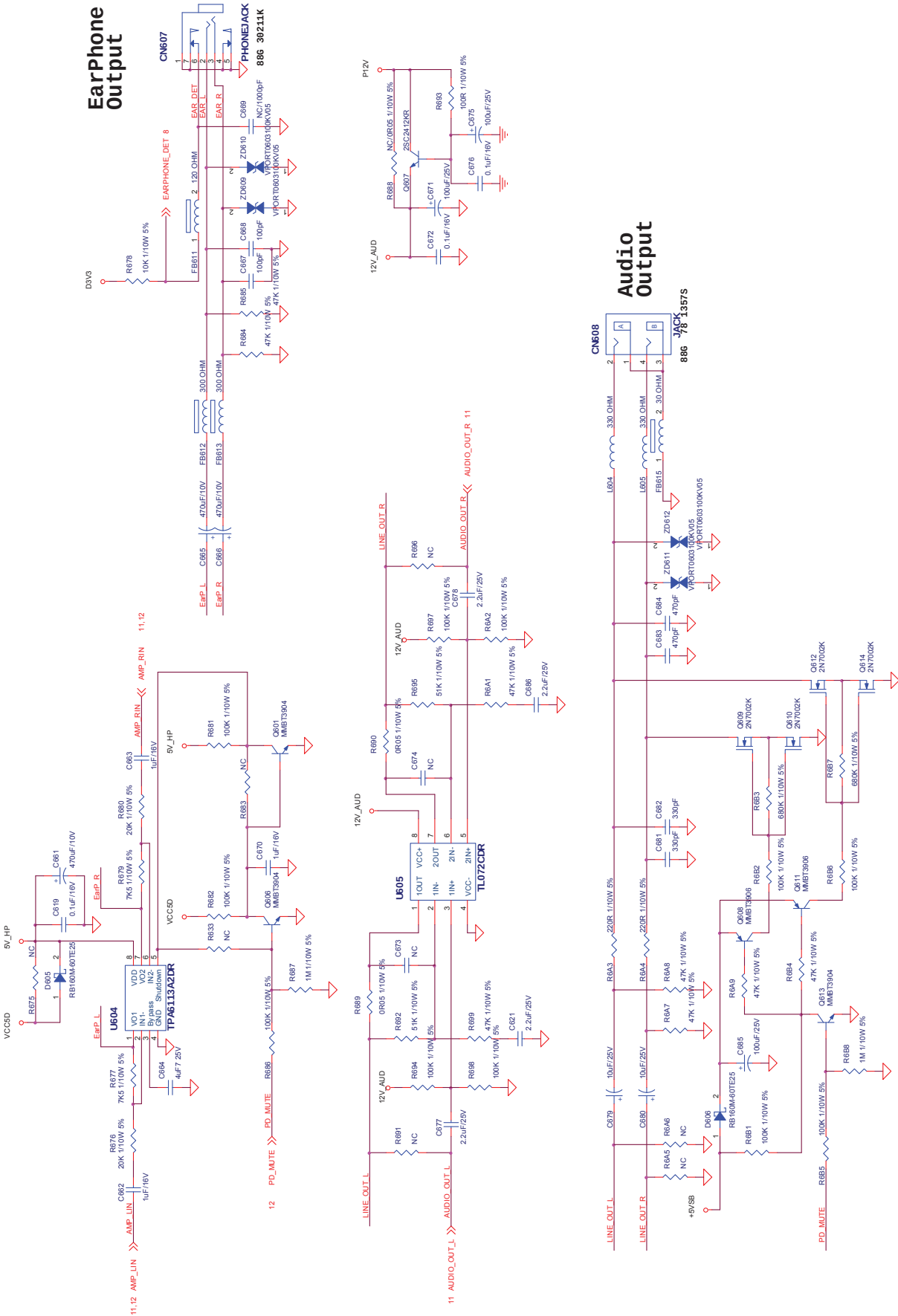
U401E



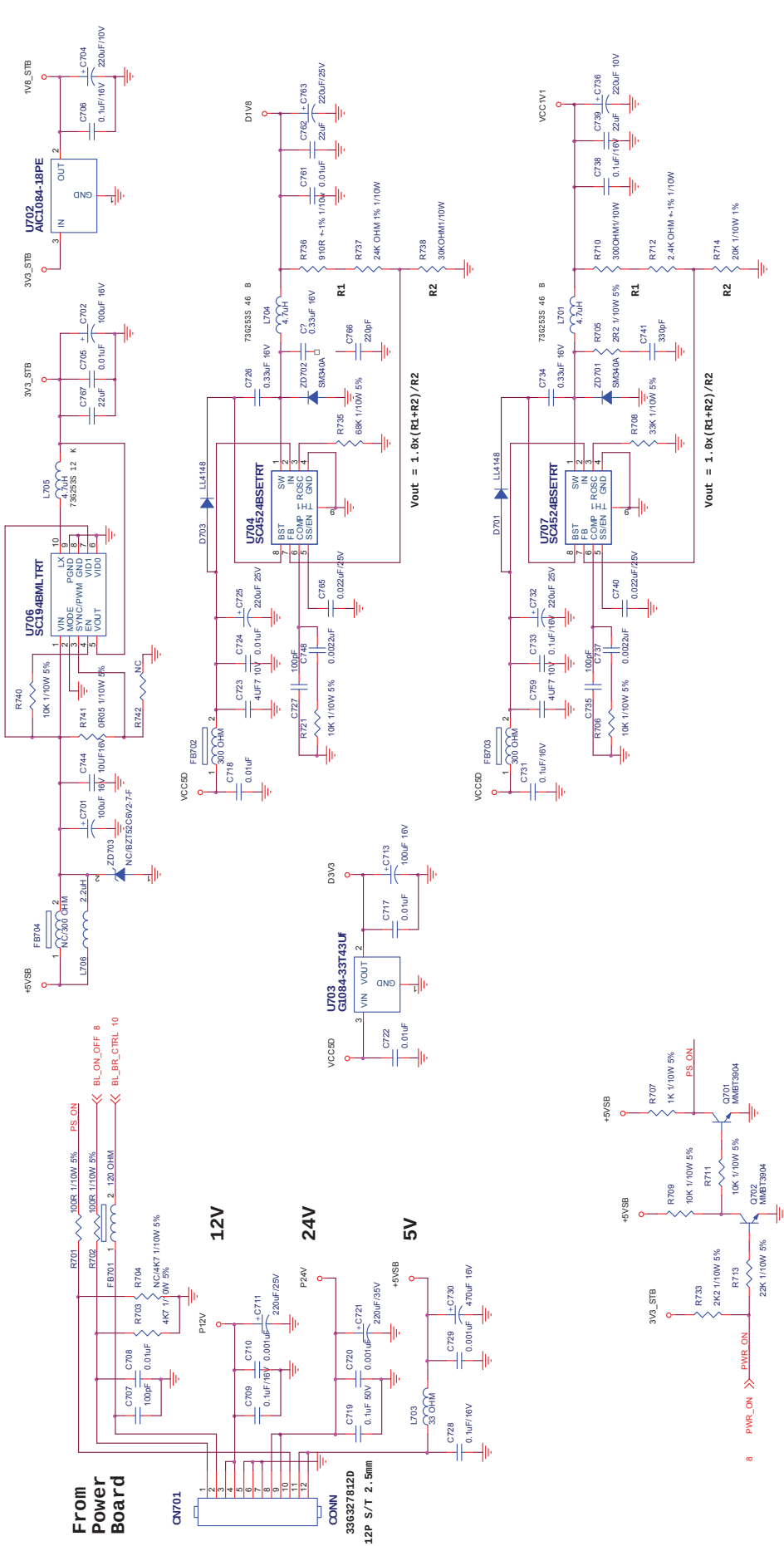
TPV (Top View)	Victory Electronics Co., Ltd.	CEM MODEL	Size	Custom
后板式单面		TPV MODEL	Rev	1
Key Component		PCB NAME	716G3269	<修图>
Date	Tuesday, May 19, 2009	Sheet	11 of 15	



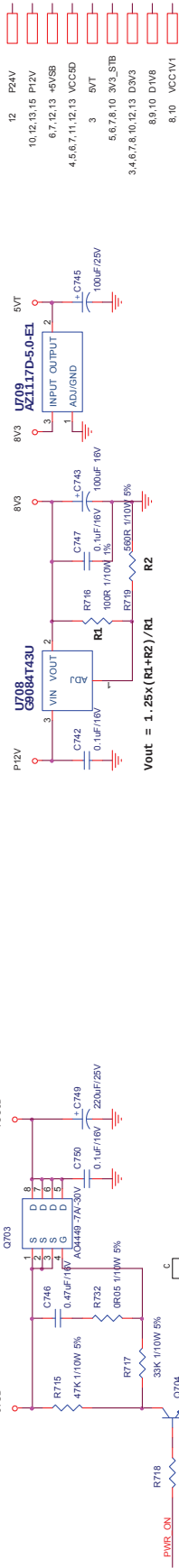
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紙圖或圖	TPV MODEL	Rev	1
Key Component	PCB NAME	715G3269	<點擊>
Date	Sheet	12 of 15	



TPV (Top Victory Electronics Co., Ltd.)	TPV MODEL	Rev	1	Custom
13 Earphone/AV Outputs	PCB NAME	715G3269	Rev	1
Date	Sheet	13 of 15	Rev	<Rev>



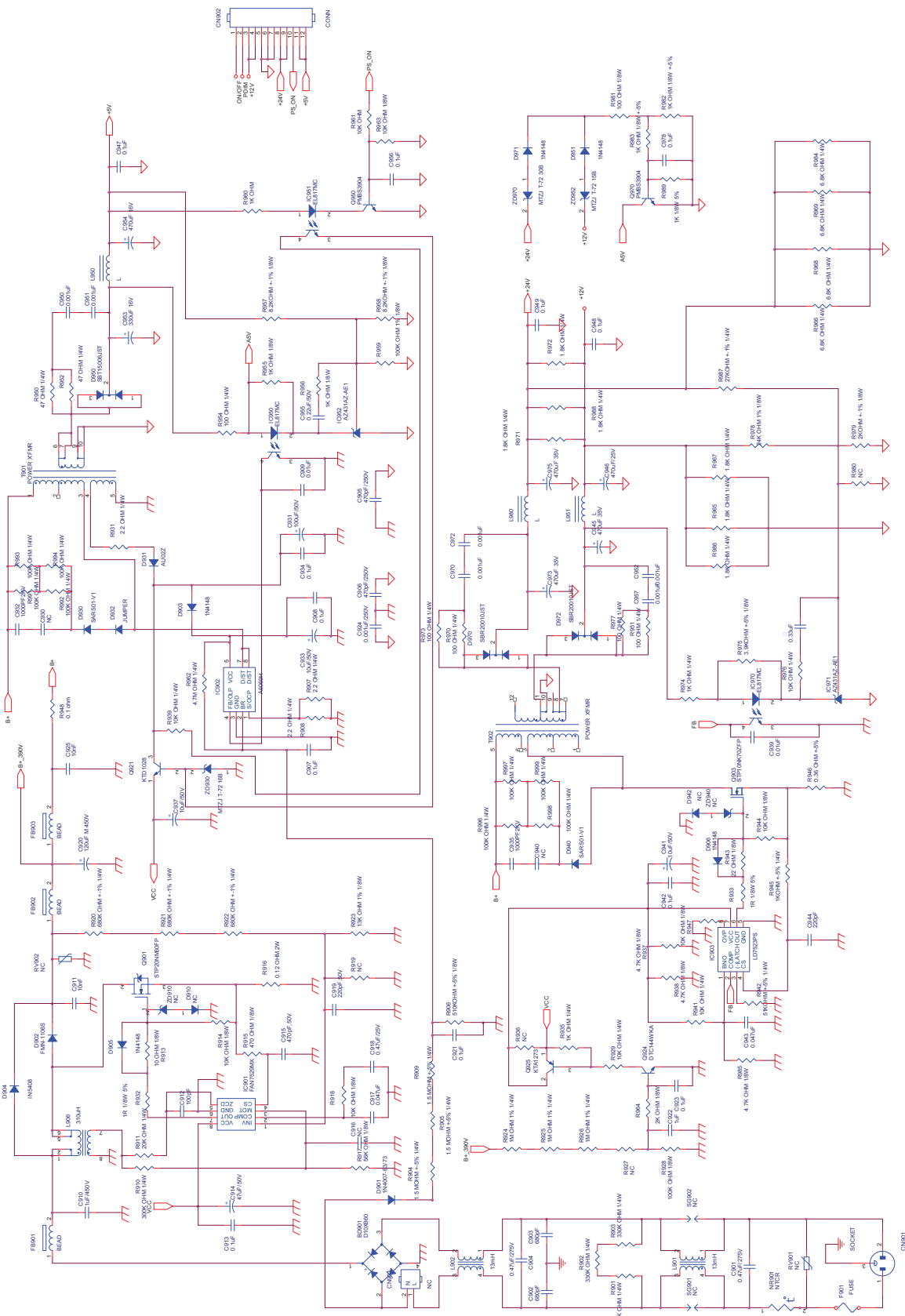
For Tuner



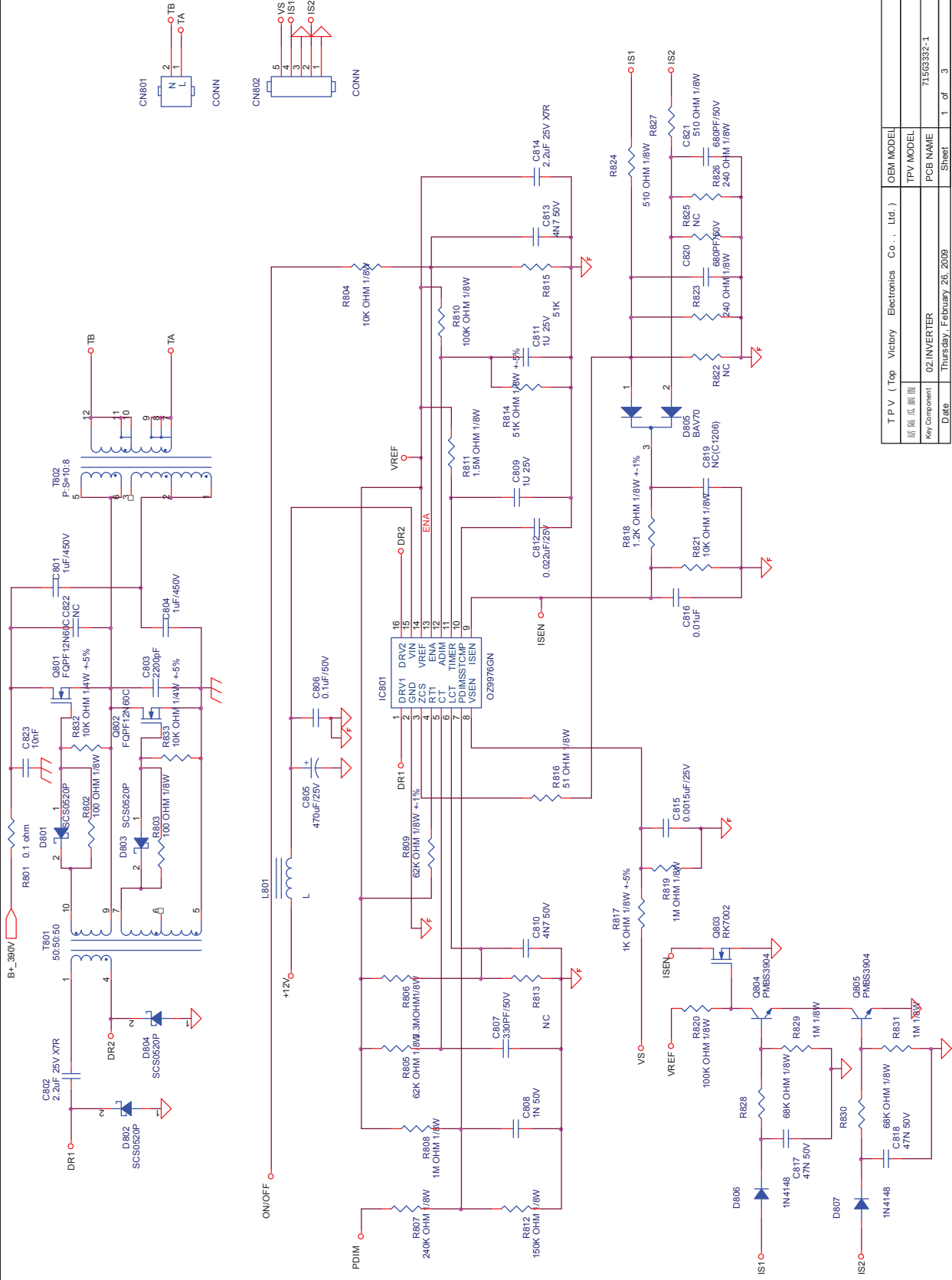
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屏版底圖	TPV MODEL	Rev	1
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Date: Tue May 19 2009	Sheet	14 of 15	<前>

9.2 Power Board

715G3332 1

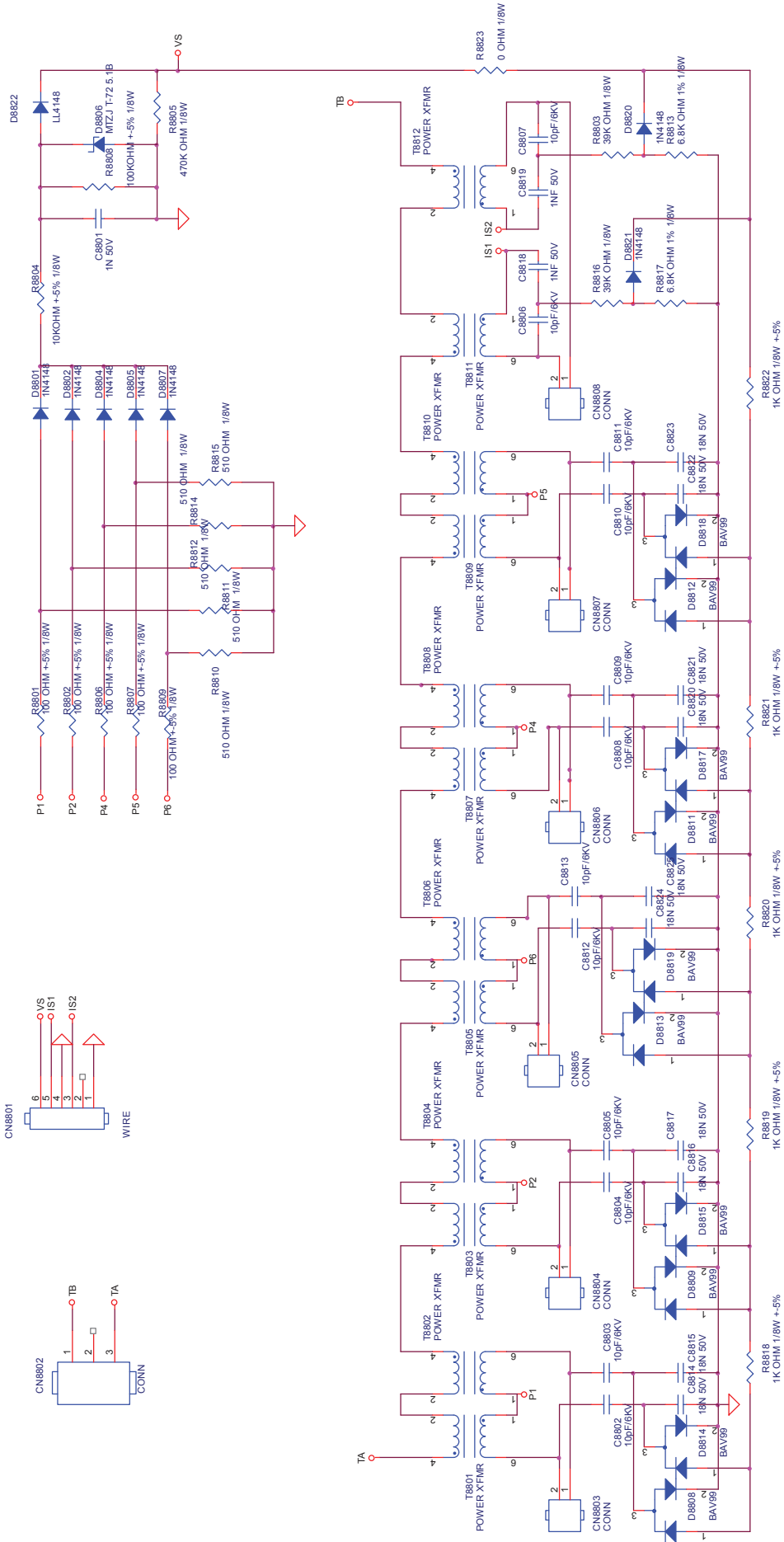


TP V. (Top Victory Electronics Co., Ltd.)	OBM MODEL	Size	Custom
(H. R. S. S. B.)	TPV MODEL	Rev	A
Doc: POWER	PCB NAME	715G3332-1	
Date: Thursday, February 26, 2009	Sheet	1 of 3	HTC MODEL



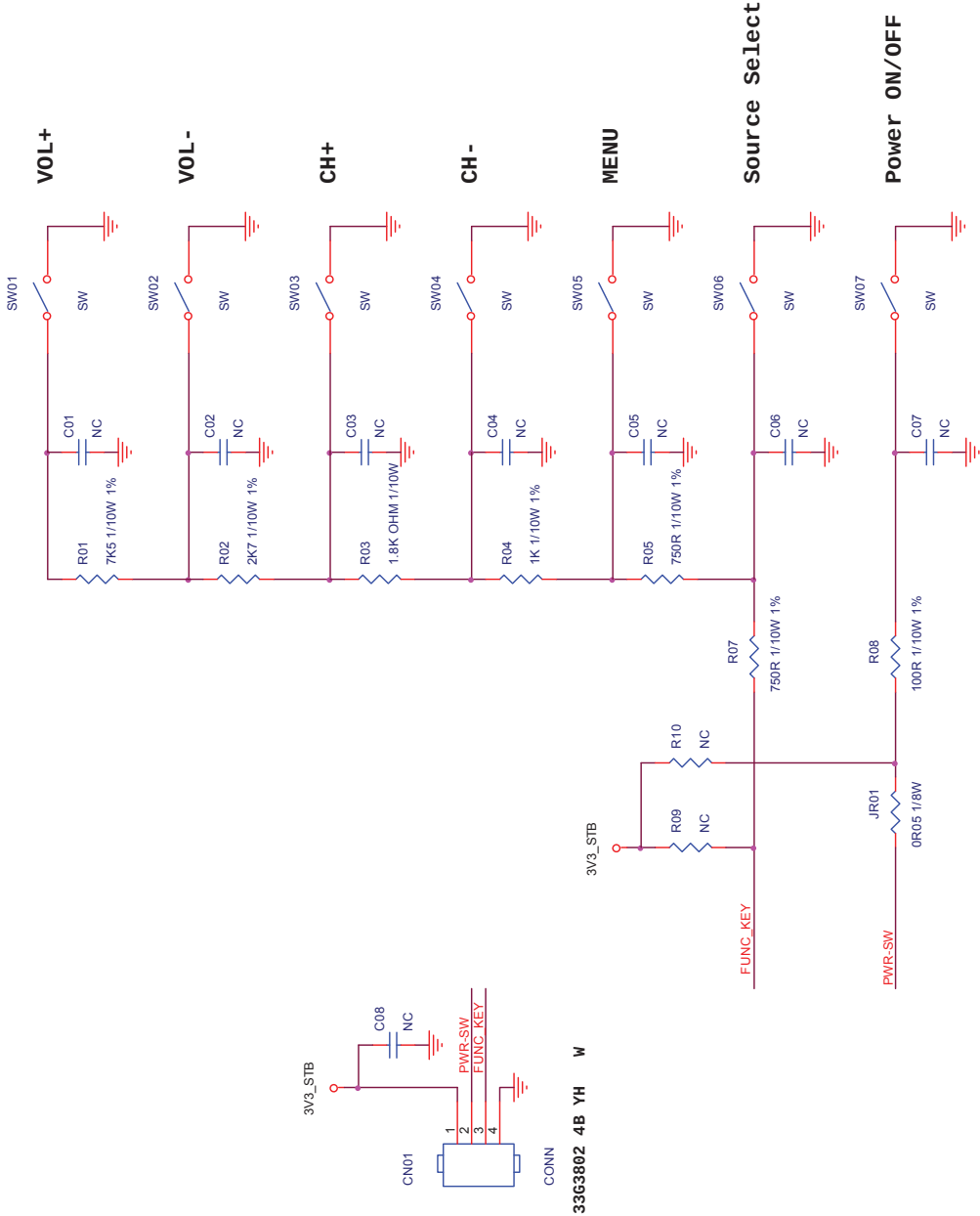
TPV (Top Victory Electronics Co., Ltd.)		Size	B
板面尺寸		Rev	A
Key Component		PCB NAME	7156332-1
Date		Sheet	1 of 3
Thursday, February 26, 2009			HTC MODEL

9.3 Inverter Board
715G3333 1



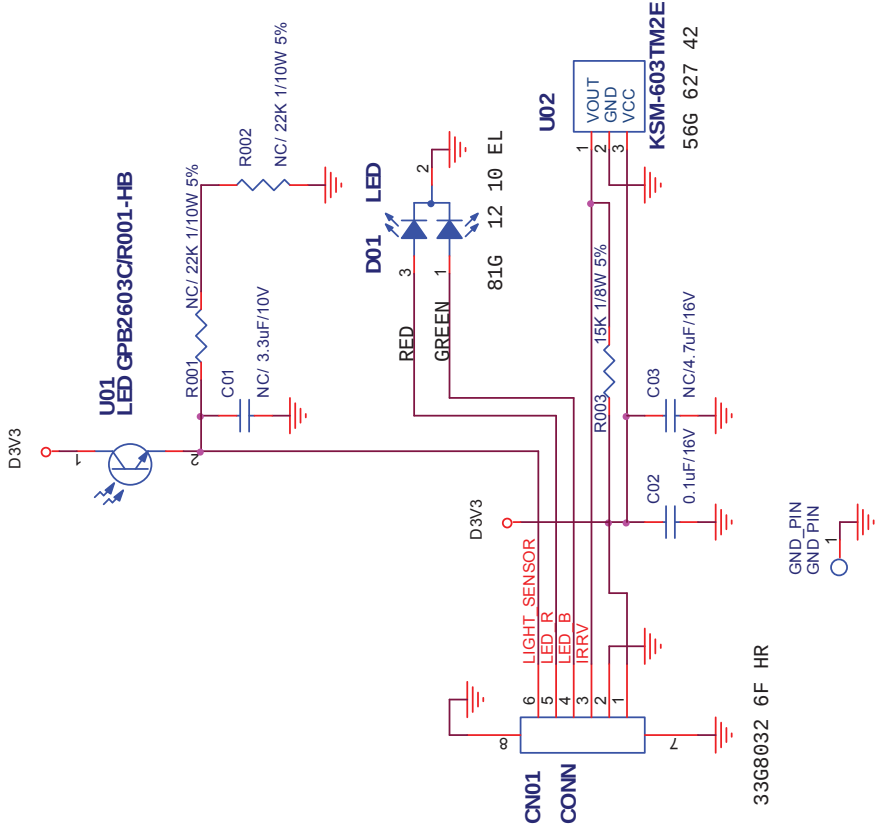
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
屏 隔 瓜 顯 眼	TPV MODEL	Rev	A
Key Component	02 INVERTER	PCB NAME	715G3333-1
Date	Thursday, February 26, 2009	Sheet	1 of 2
		修 参	HTC MODEL

9.4 Key Board
715G3400 1



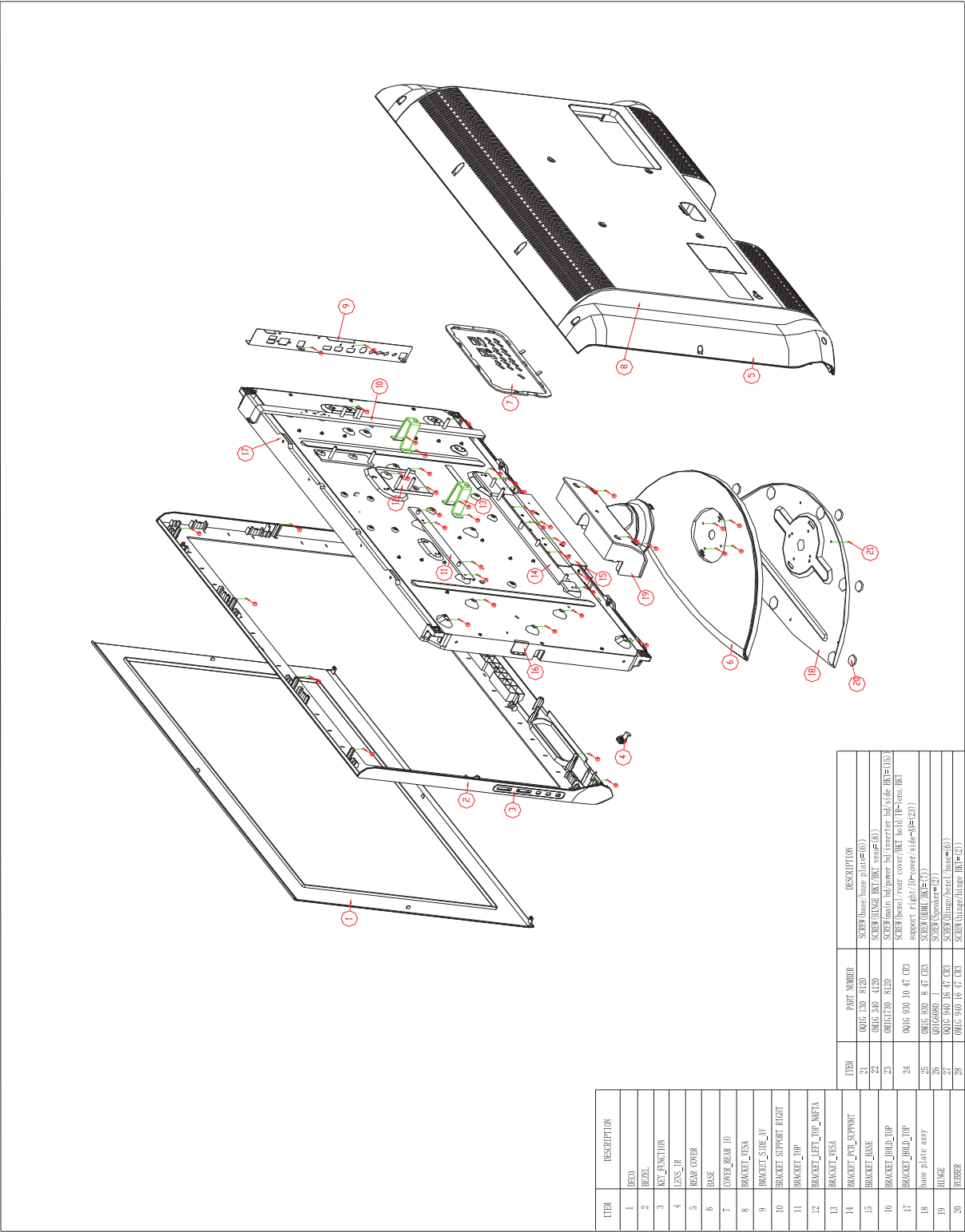
77T 600 16CJ

TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	Custom
結構瓜銀膜	TPV MODEL	Rev	B
Key Component	PCB NAME	Rev	<終多>
Date	Thursday, March 19, 2009	Sheet	2 of 2



TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	Size	Custom
結構圖		TPV MODEL	Rev	B
KeyComponent		PCB NAME	715G3394	<称爹>
Date	Wednesday, May 06, 2009	Sheet	2 of 2	

10. Exploded View



11. BOM List

E32RMZNS4WAENN

Location	Part No.	Description	Remark
	026G 800504 3	BARCODE LABEL FOR 4	
	052G 1150 C	INSULATING TAPE	
	052G 1185 1	BIG TAPE	
	052G 1186	SMALL TAPE	
	052G 1205 A	ALUMINIUM TAPE	
	052G 1211 B	CONDUCTIVE TAPE 85MM *40MM *0.09MM	
	052G 1211503	ALUMINUM FOIL TAPE	
	052G 2191 A	PAPER TAPE	
	078G0120 2 Y	SPEAKER 6 OHM 12W 160X42MM	
	085T 583121	GASKET	
	089G402A15N CX	POWER CORD	
	092TB1JX1A3WGM	BATTERY FOR ALL EXPORT MODE LR03	
E09502	095G8013 4D646	HARNESS 4P(PLUG)-B&R(600MM)+B&W(350MM)	2nd source
E09502	095G8013 4X646	HARNESS 4P(PLUG)-B&R(600MM)+B&W(350MM)	
E09503	095G801312D658	HARNESS 12P(PLUG)-12P(PLUG) 260MM	2nd source
E09503	095G801312X658	HARNESS 12P(PLUG)-12P(PLUG) 260MM	
E09504	095G8018 3DH59	LVDS CABLE 30P-24P 350MM	2nd source
E09504	095G8018 3XH59	LVDS CABLE 30P-24P 350MM	
	095G8021 3D 52	HARNESS 3P-3P 300MM	
	098GRABD2NEACR	REMOTE CONTROL RC2443801/01	
	0M1G 340 4120	SCREW	
	0M1G 930 8 47 CR3	SCREW	
	0M1G 940 16 47 CR3	SCREW	
	0M1G1730 8120	SCREW	
	0Q1G 930 10 47 CR3	SCREW	
	0Q1G 940 16 47 CR3	SCREW	
E750	750TVM315BN311N000	PANEL V315B3-LN3 B1/C1 TW CMO	
E750	750TVM315BN313N000	PANEL V315B3-LN3 C1 NH CMO	2nd source
	756TQ8CB ZK043	MAIN BOARD-CBPFRZ7KQ7	
U208	056G1133 84	AF24BC02-S1	
U404	056T1133935	IC MX25L3205DMI-12G SOP-16	
SMTF-U208	100TAZMKV01K1E	MCU ASS'Y-056G1133 84	
SMTF-U404	100TAZXK003K31	MCU ASS'Y-056T1133935	
	040G 45762412B	CBPC LABEL	
CN403	033G380210B Y L	CONN 2.0 10P	
CN405	033G8027 24	CONN W TO B 12P*2 P*2.0 4504-2	
CN606	033T3278 4D	CONNECTOR	
CN701	033T327812D	WAFER 12P PLUG	
CN403	033T380210B Y	CONNECTOR	
R649	061G152M508 64	0.5OHM 5% 2W	
C652	067G215V102 6N	EC 1000UF 35V KY35VB1000M-CC3 12.5*25MM	
C638	067G215V102 6N	EC 1000UF 35V KY35VB1000M-CC3 12.5*25MM	
C711	067G215V221 4N	KY25VB220-M-CC3 8*11.5MM	
C749	067G215V221 4N	KY25VB220-M-CC3 8*11.5MM	
C629	067G215V471 6N	CAP 105℃ 470UF M 35V	
C634	067G215V471 6N	CAP 105℃ 470UF M 35V	
C656	067G215V471 6N	CAP 105℃ 470UF M 35V	
C721	067G305V221 6	105℃ 220UF M 35V	

L602	073G 253158 H	CHOKE COIL 22UH+/-25%	
L603	073G 253158 H	CHOKE COIL 22UH+/-25%	
CN607	088G 30211K	PHONE JACK 5PIN	
CN402	088G 352903 TN	USB CONNECTOR A TYPE SMT 5401-E02-110-72	
CN601	088T 78 1357C	RCA JACK 1*1 W+R V/A	
CN602	088T 78 1357C	RCA JACK 1*1 W+R V/A	
CN603	088T 78 1357C	RCA JACK 1*1 W+R V/A	
CN608	088T 78 1357C	RCA JACK 1*1 W+R V/A	
CN204	088T 78 1360C	RCA JACK 1*3 G/BL/R V/A	
CN205	088T 78 1360C	RCA JACK 1*3 G/BL/R V/A	
CN201	088T 78 13932 C	RCA JACK + S JACK Y/B	
CN204	088T 78 13A36 YG	RCA JACK 1*3 G/BL/R V/A RCA-346D-02	
CN205	088T 78 13A36 YG	RCA JACK 1*3 G/BL/R V/A RCA-346D-02	
CN608	088T 78 13A37 YG	RCA JACK 1*2 W/R V/A RCA-276D-01	
CN603	088T 78 13A37 YG	RCA JACK 1*2 W/R V/A RCA-276D-01	
CN602	088T 78 13A37 YG	RCA JACK 1*2 W/R V/A RCA-276D-01	
CN601	088T 78 13A37 YG	RCA JACK 1*2 W/R V/A RCA-276D-01	
CN203	088T 7813C19C	RCA JACK 1*3 R/W/Y	
CN604	088T 30252C	PHONE JACK 3.5MM 3P V/A GREEN	
CN206	088T 35315F VC	D-SUB 15PIN VERTICAL CONNECTOR	
CN605	088T 359 5 JT	FIBER-OPTIC 3P V/T JST1227	
	090G6250 1 GP	HEAT SINK FOR U410	
X401	093G 2262B J	XTL NXS25.000AC20F-KAB5-3 HC-49/US	
TU201	094TNTAT MA7MA	TUNER NTSC+ATSC ENV56S02D8F	
	709T3269 QM001	COMSUPTIVE ASS'Y	
	055G 23524	WELDING FLUX WITHOUT PB	
	Q49G 51100	CLEANER	
	Q55G 100625	TIN STICK_LOW ARGENTUM	
	A85T0138101	SHIELD COVER MAIN FOR U401	
	A85T0139101	SHIELD COVER TOP FOR U401	
C644	064G701J2240AT	0.22UF +-5% 63V	
C654	064G701J2240AT	0.22UF +-5% 63V	
C763	067G 2152214NT	KY25VB220M-TP5 8*11.5	
C679	067G 305100 4T	10UF/25V/105C	
C680	067G 305100 4T	10UF/25V/105C	
C430	067G 305101 3T	100UF 16V 105C	
C685	067G 305101 4T	100UF +-20% 25V	
C745	067G 305101 4T	100UF +-20% 25V	
C675	067G 305101 4T	100UF +-20% 25V	
C671	067G 305101 4T	100UF +-20% 25V	
C486	067G 305220 4T	105°C 22UF, +-20% 25V	
C736	067G 305221 2T	105C RADIALE-CAPACTOR 220UF 10V	
C732	067G 4152214KT	EC 220UF 25V M 8*12MM	
C725	067G 4152214KT	EC 220UF 25V M 8*12MM	
C730	067G215D4713KT	/105°C EC 470UF M 16V KINGNICH	
C743	067G215Y1013KT	LOW ESR EC 100UF 16V 6.3*11MM	
C713	067G215Y1013KT	LOW ESR EC 100UF 16V 6.3*11MM	
C702	067G215Y1013KT	LOW ESR EC 100UF 16V 6.3*11MM	
C701	067G215Y1013KT	LOW ESR EC 100UF 16V 6.3*11MM	
C704	067G215Y2212KT	LOW ESR EC 220UF 10V 6.3*11MM	
C666	067T 305471 2T	CAP 105°C 470UF 10V	

C665	067T 305471 2T	CAP 105℃ 470UF 10V	
C661	067T 305471 2T	CAP 105℃ 470UF 10V	
U601	056G 158501	IC AS431AN-E1 SOT23	
U605	056G 192 20	IC TL072CDR SOIC-8	
U702	056G 563 33	AIC1084-18PE	
U703	056G 563 75	G1084-33T43UF TO-252	
U708	056G 563 93	IC G9084T43U TO-252	
U408	056G 581 5	IC G545B2RD1U TDFN3X3-8	
U709	056G 585 11	IC AZ1117D-5.0-E1 AAC	
U505	056G 634 21	IC SII9185ACTU TQFP-80	
U412	056G 643 27	IC G692L293TCUF 2.91V SOT-143	
U510	056G 662 12	C AZ1045-04SU SOT23-6L	
U204	056G 662 13	IC AZC099-04S SOT23-6L	
U409	056G 662 13	IC AZC099-04S SOT23-6L	
U203	056G 662 13	IC AZC099-04S SOT23-6L	
U201	056G 662 13	IC AZC099-04S SOT23-6L	
U511	056G 662 14	IC TPD12S520DBTR TSSOP-38	
U206	056G 662502	IC ESD AZC199-04S SOT23-6L	
U205	056G 662502	IC ESD AZC199-04S SOT23-6L	
U405	056G1133 83 1	IC M24C64-WMN6P 64K SO-8 ST	
U208	056G1133 84	AF24BC02-S1	
U211	056G4LVCG17 TI	IC SN74LVC1G17DBVR STO-23	
U210	056G4LVCG17 TI	IC SN74LVC1G17DBVR STO-23	
U209	056G4LVCG17 TI	IC SN74LVC1G17DBVR STO-23	
U207	056G4LVCG17 TI	IC SN74LVC1G17DBVR STO-23	
U706	056T 379118	IC SC194BMLTRT MLP3X3-10	
U707	056T 563952	IC SC4524BSETRT SO-8	
U704	056T 563952	IC SC4524BSETRT SO-8	
U410	056T 615 76	IC H5PS5162FFR-25C 512MB FBGA-84	
U602	056T 616 48	IC TPA3121D2PWPR 15W HTSSOP-24	
U604	056T 616 50	IC TPA6113A2DR 40MW SOIC-8	
U407	056T 662902	IC RCLAMP0502B.TCT SC-75 3L	
U401	056T1126 60 1	ZR39775HGCF-B SUBSTRATE CHANGE BGA-632	
U404	056T1133935	IC MX25L3205DMI-12G SOP-16	
Q704	057G 417511	MMBT3904	
Q702	057G 417511	MMBT3904	
Q701	057G 417511	MMBT3904	
Q613	057G 417511	MMBT3904	
Q606	057G 417511	MMBT3904	
Q604	057G 417511	MMBT3904	
Q603	057G 417511	MMBT3904	
Q602	057G 417511	MMBT3904	
Q601	057G 417511	MMBT3904	
Q405	057G 417511	MMBT3904	
Q402	057G 417511	MMBT3904	
Q611	057G 417512	MMBT3906	
Q608	057G 417512	MMBT3906	
Q403	057G 417512	MMBT3906	
Q609	057G 763 62	FET 2N7002K 300MA/60V SOT-23	
Q610	057G 763 62	FET 2N7002K 300MA/60V SOT-23	
Q612	057G 763 62	FET 2N7002K 300MA/60V SOT-23	

Q614	057G 763 62	FET 2N7002K 300MA/60V SOT-23	
Q502	057G 763 62	FET 2N7002K 300MA/60V SOT-23	
Q503	057G 763 62	FET 2N7002K 300MA/60V SOT-23	
Q404	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q703	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q607	057G 765 1	2SC2412K	
FB210	061G0603000	RST CHIP MAX 0R05 1/10W	
R741	061G0603000	RST CHIP MAX 0R05 1/10W	
R732	061G0603000	RST CHIP MAX 0R05 1/10W	
R690	061G0603000	RST CHIP MAX 0R05 1/10W	
R689	061G0603000	RST CHIP MAX 0R05 1/10W	
R672	061G0603000	RST CHIP MAX 0R05 1/10W	
R671	061G0603000	RST CHIP MAX 0R05 1/10W	
R507	061G0603000	RST CHIP MAX 0R05 1/10W	
R4C5	061G0603000	RST CHIP MAX 0R05 1/10W	
R4C2	061G0603000	RST CHIP MAX 0R05 1/10W	
R494	061G0603000	RST CHIP MAX 0R05 1/10W	
R466	061G0603000	RST CHIP MAX 0R05 1/10W	
FB606	061G0603000	RST CHIP MAX 0R05 1/10W	
FB605	061G0603000	RST CHIP MAX 0R05 1/10W	
FB604	061G0603000	RST CHIP MAX 0R05 1/10W	
FB603	061G0603000	RST CHIP MAX 0R05 1/10W	
FB602	061G0603000	RST CHIP MAX 0R05 1/10W	
FB601	061G0603000	RST CHIP MAX 0R05 1/10W	
FB211	061G0603000	RST CHIP MAX 0R05 1/10W	
R716	061G0603100 0F	RST CHIPR 100 OHM +-1% 1/10W	
R493	061G0603100 0F	RST CHIPR 100 OHM +-1% 1/10W	
R492	061G0603100 0F	RST CHIPR 100 OHM +-1% 1/10W	
FB225	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
FB224	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R702	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R701	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R693	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R630	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R516	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R498	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R256	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R264	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R277	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R403	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R437	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R439	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R489	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R491	061G0603101	RST CHIPR 100 OHM +-5% 1/10W	
R482	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R483	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R4A9	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R4B7	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R525	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R536	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R537	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	

R645	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R707	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R479	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R468	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R467	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R407	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R406	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R404	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R270	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R260	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R258	061G0603102	RST CHIPR 1K OHM +-5% 1/10W	
R628	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R627	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R626	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R625	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R624	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R623	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R622	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R620	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R619	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R618	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R617	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R616	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R615	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R607	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R629	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R414	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R740	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R721	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R718	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R711	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R709	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R706	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R678	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R660	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R654	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R651	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R646	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R642	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R634	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R487	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R472	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R460	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R443	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R440	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R436	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R284	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R276	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R252	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R251	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R237	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	

R236	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R234	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R232	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R4B8	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R606	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R604	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R603	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R602	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R601	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R540	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R533	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R531	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R522	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R521	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R519	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R513	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R512	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R508	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W	
R694	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R697	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R698	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R6A2	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R6B1	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R6B2	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R6B5	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R6B6	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R4B6	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R4D5	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R636	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R644	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R648	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R681	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R682	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R686	061G0603104	RST CHIPR 100 KOHM +-5% 1/10W	
R441	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R687	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R6B8	061G0603105	RST CHIPR 1M OHM +-5% 1/10W	
R497	061G0603150 0F	RST CHIPR 150 OHM +-1% 1/10W	
R517	061G0603182	RST CHIPR 1.8 KOHM +-5% 1/10W	
R518	061G0603182	RST CHIPR 1.8 KOHM +-5% 1/10W	
R714	061G0603200 2F	RST CHIPR 20 KOHM +-1% 1/10W	
R211	061G0603202	RST CHIPR 2 KOHM +-5% 1/10W	
R640	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W	
R676	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W	
R680	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W	
R253	061G0603221	RST CHIPR 220 OHM +-5% 1/10W	
R254	061G0603221	RST CHIPR 220 OHM +-5% 1/10W	
R6A3	061G0603221	RST CHIPR 220 OHM +-5% 1/10W	
R6A4	061G0603221	RST CHIPR 220 OHM +-5% 1/10W	
R733	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R427	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	

R425	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R424	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R423	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R204	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R203	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R266	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R265	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W	
R481	061G0603222 JF	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	
R713	061G0603223	RST CHIPR 22 KOHM +-5% 1/10W	
R734	061G0603229	RST CHIPR 2.2 OHM +-5% 1/10W	
R705	061G0603229	RST CHIPR 2.2 OHM +-5% 1/10W	
R737	061G0603240 2F	RST CHIP 24K 1/10W 1%	
R710	061G0603300 0F	RST CHIPR 0603 300 OHM +-1% 1/10W	
R738	061G0603300 2F	RST CHIPR 30 KOHM +-1% 1/10W	
R535	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R534	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R462	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R461	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R457	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R455	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R417	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R416	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R415	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R413	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R410	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R275	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R269	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R208	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R419	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R463	061G0603330	RST CHIPR 33 OHM +-5% 1/10W	
R484	061G0603332	RST CHIPR 3.3 KOHM +-5% 1/10W	
R485	061G0603332	RST CHIPR 3.3 KOHM +-5% 1/10W	
R708	061G0603333	RST CHIPR 33KOHM +-5% 1/10W	
R717	061G0603333	RST CHIPR 33KOHM +-5% 1/10W	
R532	061G0603390 0F	RST CHIPR 390 OHM +-1% 1/10W	
R490	061G0603390 1F	RST CHIPR 3.9 KOHM +-1% 1/10W	
R207	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W	
R430	061G0603470	RST CHIPR 47 OHM +-5% 1/10W	
R431	061G0603470	RST CHIPR 47 OHM +-5% 1/10W	
R432	061G0603470	RST CHIPR 47 OHM +-5% 1/10W	
R433	061G0603470	RST CHIPR 47 OHM +-5% 1/10W	
R434	061G0603470	RST CHIPR 47 OHM +-5% 1/10W	
R480	061G0603471	RST CHIPR 470 OHM +-5% 1/10W	
R209	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R271	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R272	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R401	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R405	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R409	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R420	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R428	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	

R429	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R435	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R448	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R450	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R451	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R453	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R454	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R458	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R459	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R469	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R509	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R538	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R530	061G0603472	RST CHIPR 4.7K OHM +-5% 1/10W	
R715	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R6B4	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R6A9	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R6A8	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R6A7	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R6A1	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R699	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R685	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R684	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R4B9	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R4B5	061G0603473	RST CHIPR 47 KOHM +-5% 1/10W	
R473	061G0603479	RST CHIPR 4.7 OHM +-5% 1/10W	
R442	061G0603499 0F	RST CHIP 499R 1/10W 1%	
R695	061G0603513	RST CHIPR 51 KOHM +-5% 1/10W	
R692	061G0603513	RST CHIPR 51 KOHM +-5% 1/10W	
R635	061G0603513	RST CHIPR 51 KOHM +-5% 1/10W	
R486	061G0603513	RST CHIPR 51 KOHM +-5% 1/10W	
R655	061G0603561	RST CHIPR 560 OHM +-5% 1/10W	
R658	061G0603561	RST CHIPR 560 OHM +-5% 1/10W	
R719	061G0603561	RST CHIPR 560 OHM +-5% 1/10W	
R495	061G0603604 9F	RST CHIPR 60.4 OHM +-1% 1/10W	
R496	061G0603604 9F	RST CHIPR 60.4 OHM +-1% 1/10W	
R238	061G0603623	RST CHIPR 62 KOHM +-5% 1/10W	
R639	061G0603681	RST CHIPR 680 OHM +-5% 1/10W	
R735	061G0603683	RST CHIPR 68K OHM +-5% 1/10W	
R6B7	061G0603684	RST CHIPR 680 KOHM +-5% 1/10W	
R6B3	061G0603684	RST CHIPR 680 KOHM +-5% 1/10W	
R268	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R263	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R262	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R261	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R250	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R249	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R248	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R244	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R243	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R242	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R231	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	

R222	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R221	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R220	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R219	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R217	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R216	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R280	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R281	061G0603750 9F	RST CHIPR 75 OHM +-1% 1/10W	
R679	061G0603752	RST CHIPR 7.5 KOHM +-5% 1/10W	
R677	061G0603752	RST CHIPR 7.5 KOHM +-5% 1/10W	
R529	061G0603752	RST CHIPR 7.5 KOHM +-5% 1/10W	
R528	061G0603752	RST CHIPR 7.5 KOHM +-5% 1/10W	
R527	061G0603752	RST CHIPR 7.5 KOHM +-5% 1/10W	
R526	061G0603752	RST CHIPR 7.5 KOHM +-5% 1/10W	
R4A8	061G0603821	RST CHIPR 820 OHM +-5% 1/10W	
R510	061G0603821	RST CHIPR 820 OHM +-5% 1/10W	
R470	061G0603845 0F	RST CHIP 845R 1/10W 1%	
R471	061G0603845 0F	RST CHIP 845R 1/10W 1%	
R736	061G0603910 0F	RST CHIPR 910 OHM +-1% 1/10W	
R488	061G06039101FF	RST CHIPR 9.1KOHM +-1% 1/10W FENGHUA	
R746	061G0805000	RST CHIP MAX 0R05 1/8W	
R745	061G0805000	RST CHIP MAX 0R05 1/8W	
R744	061G0805000	RST CHIP MAX 0R05 1/8W	
R4B4	061G1206000	RST CHIP MAX 0R05 1/4W	
F403	061G1206000	RST CHIP MAX 0R05 1/4W	
R656	061G1206202	RST CHIPR 2 KOHM +-5% 1/4W	
R661	061G1206202	RST CHIPR 2 KOHM +-5% 1/4W	
R657	061G1210000	RST CHIP MAX 0R05 1/3W	
R652	061G1210000	RST CHIP MAX 0R05 1/3W	
R712	061T06032401FY	RST CHIPR 2.4KOHM +-1% 1/10W YAGEO	
R445	061T0603604 1F	RST CHIPR 6.04 KOHM +-1% 1/10W	
C412	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C405	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C215	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4A5	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4A6	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4C9	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4D1	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4D2	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4D3	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4D4	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C469	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C468	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C467	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C466	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C465	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C464	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C463	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C462	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C449	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4A9	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	

C4B1	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4B2	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4B3	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4B4	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4B5	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4B6	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4B7	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4C1	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4C2	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4C4	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4C5	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4C7	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4C8	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C482	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C481	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C480	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C479	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C478	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C477	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C476	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C472	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C471	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C470	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4A4	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C493	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4A8	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C4A7	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C448	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C447	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C446	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C445	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C440	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C437	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C436	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C432	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C429	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C426	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C424	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C422	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C419	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C491	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C213	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C212	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C211	065G0402104 12	CAP CHIP 0402 0.1UF 16V X7R	
C248	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C249	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C604	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C605	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C613	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C614	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C615	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	

C616	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C617	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C618	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C667	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C668	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C707	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C727	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C735	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R	
C208	065G0603102 32	1000PF +-10% 50V X7R	
C214	065G0603102 32	1000PF +-10% 50V X7R	
C417	065G0603102 32	1000PF +-10% 50V X7R	
C427	065G0603102 32	1000PF +-10% 50V X7R	
C488	065G0603102 32	1000PF +-10% 50V X7R	
C495	065G0603102 32	1000PF +-10% 50V X7R	
C4D5	065G0603102 32	1000PF +-10% 50V X7R	
C4E8	065G0603102 32	1000PF +-10% 50V X7R	
C4F2	065G0603102 32	1000PF +-10% 50V X7R	
C4F3	065G0603102 32	1000PF +-10% 50V X7R	
C4F4	065G0603102 32	1000PF +-10% 50V X7R	
C4F5	065G0603102 32	1000PF +-10% 50V X7R	
C4F6	065G0603102 32	1000PF +-10% 50V X7R	
C645	065G0603102 32	1000PF +-10% 50V X7R	
C655	065G0603102 32	1000PF +-10% 50V X7R	
C710	065G0603102 32	1000PF +-10% 50V X7R	
C720	065G0603102 32	1000PF +-10% 50V X7R	
C729	065G0603102 32	1000PF +-10% 50V X7R	
C4F8	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C4G3	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C4G4	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C4G5	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C705	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C708	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C717	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C718	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C722	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C724	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C761	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C4E4	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C4E6	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C205	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C207	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C239	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C243	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C247	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C401	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C402	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C403	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C416	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C433	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C489	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C494	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	

C4E2	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C4E7	065G0603103 32	CAP CHIP 0603 0.01UF K 50V X7R	
C451	065G0603104 12	CER2 0603 X7R 16V 100N P	
C487	065G0603104 12	CER2 0603 X7R 16V 100N P	
C4B9	065G0603104 12	CER2 0603 X7R 16V 100N P	
C4E1	065G0603104 12	CER2 0603 X7R 16V 100N P	
C502	065G0603104 12	CER2 0603 X7R 16V 100N P	
C503	065G0603104 12	CER2 0603 X7R 16V 100N P	
C504	065G0603104 12	CER2 0603 X7R 16V 100N P	
C505	065G0603104 12	CER2 0603 X7R 16V 100N P	
C506	065G0603104 12	CER2 0603 X7R 16V 100N P	
C507	065G0603104 12	CER2 0603 X7R 16V 100N P	
C508	065G0603104 12	CER2 0603 X7R 16V 100N P	
C509	065G0603104 12	CER2 0603 X7R 16V 100N P	
C627	065G0603104 12	CER2 0603 X7R 16V 100N P	
C628	065G0603104 12	CER2 0603 X7R 16V 100N P	
C201	065G0603104 12	CER2 0603 X7R 16V 100N P	
C203	065G0603104 12	CER2 0603 X7R 16V 100N P	
C218	065G0603104 12	CER2 0603 X7R 16V 100N P	
C221	065G0603104 12	CER2 0603 X7R 16V 100N P	
C252	065G0603104 12	CER2 0603 X7R 16V 100N P	
C255	065G0603104 12	CER2 0603 X7R 16V 100N P	
C258	065G0603104 12	CER2 0603 X7R 16V 100N P	
C260	065G0603104 12	CER2 0603 X7R 16V 100N P	
C261	065G0603104 12	CER2 0603 X7R 16V 100N P	
C406	065G0603104 12	CER2 0603 X7R 16V 100N P	
C441	065G0603104 12	CER2 0603 X7R 16V 100N P	
C442	065G0603104 12	CER2 0603 X7R 16V 100N P	
C443	065G0603104 12	CER2 0603 X7R 16V 100N P	
C444	065G0603104 12	CER2 0603 X7R 16V 100N P	
C672	065G0603104 12	CER2 0603 X7R 16V 100N P	
C510	065G0603104 12	CER2 0603 X7R 16V 100N P	
C511	065G0603104 12	CER2 0603 X7R 16V 100N P	
C512	065G0603104 12	CER2 0603 X7R 16V 100N P	
C513	065G0603104 12	CER2 0603 X7R 16V 100N P	
C514	065G0603104 12	CER2 0603 X7R 16V 100N P	
C515	065G0603104 12	CER2 0603 X7R 16V 100N P	
C516	065G0603104 12	CER2 0603 X7R 16V 100N P	
C517	065G0603104 12	CER2 0603 X7R 16V 100N P	
C518	065G0603104 12	CER2 0603 X7R 16V 100N P	
C519	065G0603104 12	CER2 0603 X7R 16V 100N P	
C520	065G0603104 12	CER2 0603 X7R 16V 100N P	
C521	065G0603104 12	CER2 0603 X7R 16V 100N P	
C619	065G0603104 12	CER2 0603 X7R 16V 100N P	
C620	065G0603104 12	CER2 0603 X7R 16V 100N P	
C626	065G0603104 12	CER2 0603 X7R 16V 100N P	
C676	065G0603104 12	CER2 0603 X7R 16V 100N P	
C706	065G0603104 12	CER2 0603 X7R 16V 100N P	
C709	065G0603104 12	CER2 0603 X7R 16V 100N P	
C728	065G0603104 12	CER2 0603 X7R 16V 100N P	
C731	065G0603104 12	CER2 0603 X7R 16V 100N P	

C733	065G0603104 12	CER2 0603 X7R 16V 100N P	
C738	065G0603104 12	CER2 0603 X7R 16V 100N P	
C742	065G0603104 12	CER2 0603 X7R 16V 100N P	
C747	065G0603104 12	CER2 0603 X7R 16V 100N P	
C750	065G0603104 12	CER2 0603 X7R 16V 100N P	
C413	065G0603104 12	CER2 0603 X7R 16V 100N P	
C719	065G0603104 32	CHIP 0.1UF 50V X7R	
C657	065G0603104 32	CHIP 0.1UF 50V X7R	
C637	065G0603104 32	CHIP 0.1UF 50V X7R	
C636	065G0603104 32	CHIP 0.1UF 50V X7R	
C631	065G0603104 32	CHIP 0.1UF 50V X7R	
C490	065G0603105 12	CHIP 1UF 16VX7R 0603	
C483	065G0603105 12	CHIP 1UF 16VX7R 0603	
C473	065G0603105 12	CHIP 1UF 16VX7R 0603	
C450	065G0603105 12	CHIP 1UF 16VX7R 0603	
C439	065G0603105 12	CHIP 1UF 16VX7R 0603	
C435	065G0603105 12	CHIP 1UF 16VX7R 0603	
C431	065G0603105 12	CHIP 1UF 16VX7R 0603	
C423	065G0603105 12	CHIP 1UF 16VX7R 0603	
C421	065G0603105 12	CHIP 1UF 16VX7R 0603	
C415	065G0603105 12	CHIP 1UF 16VX7R 0603	
C407	065G0603105 12	CHIP 1UF 16VX7R 0603	
C492	065G0603105 12	CHIP 1UF 16VX7R 0603	
C267	065G0603105 12	CHIP 1UF 16VX7R 0603	
C4D7	065G0603105 12	CHIP 1UF 16VX7R 0603	
C4D6	065G0603105 12	CHIP 1UF 16VX7R 0603	
C4C6	065G0603105 12	CHIP 1UF 16VX7R 0603	
C4C3	065G0603105 12	CHIP 1UF 16VX7R 0603	
C4A3	065G0603105 12	CHIP 1UF 16VX7R 0603	
C4A2	065G0603105 12	CHIP 1UF 16VX7R 0603	
C499	065G0603105 12	CHIP 1UF 16VX7R 0603	
C497	065G0603105 12	CHIP 1UF 16VX7R 0603	
C662	065G0603105 17	1UF 16V Y5V	
C663	065G0603105 17	1UF 16V Y5V	
C670	065G0603105 17	1UF 16V Y5V	
C219	065G0603220 31	CER1 0603 NP0 50V 22P PM	
C220	065G0603220 31	CER1 0603 NP0 50V 22P PM	
C438	065G0603220 31	CER1 0603 NP0 50V 22P PM	
C268	065G0603220 31	CER1 0603 NP0 50V 22P PM	
C269	065G0603220 31	CER1 0603 NP0 50V 22P PM	
C766	065G0603221 32	CHIP 220PF 50V X7R	
C266	065G0603222 32	CHIP 2200PF 50V X7R	
C265	065G0603222 32	CHIP 2200PF 50V X7R	
C748	065G0603222 32	CHIP 2200PF 50V X7R	
C737	065G0603222 32	CHIP 2200PF 50V X7R	
C262	065G0603222 32	CHIP 2200PF 50V X7R	
C206	065G0603222 32	CHIP 2200PF 50V X7R	
C404	065G0603224 22	CHIP 0.22UF 25V X7R	
C256	065G0603224 22	CHIP 0.22UF 25V X7R	
C246	065G0603224 22	CHIP 0.22UF 25V X7R	
C245	065G0603224 22	CHIP 0.22UF 25V X7R	

C244	065G0603224 22	CHIP 0.22UF 25V X7R	
C242	065G0603224 22	CHIP 0.22UF 25V X7R	
C241	065G0603224 22	CHIP 0.22UF 25V X7R	
C240	065G0603224 22	CHIP 0.22UF 25V X7R	
C238	065G0603224 22	CHIP 0.22UF 25V X7R	
C237	065G0603224 22	CHIP 0.22UF 25V X7R	
C236	065G0603224 22	CHIP 0.22UF 25V X7R	
C231	065G0603224 22	CHIP 0.22UF 25V X7R	
C230	065G0603224 22	CHIP 0.22UF 25V X7R	
C223	065G0603224 22	CHIP 0.22UF 25V X7R	
C222	065G0603224 22	CHIP 0.22UF 25V X7R	
C649	065G0603224 32	CHIP 0.22UF 50V X7R	
C641	065G0603224 32	CHIP 0.22UF 50V X7R	
C409	065G0603300 31	CHIP 0603 30PF J 50V NPO	
C408	065G0603300 31	CHIP 0603 30PF J 50V NPO	
C681	065G0603331 32	CHIP 330PF 50V X7R	
C682	065G0603331 32	CHIP 330PF 50V X7R	
C741	065G0603331 32	CHIP 330PF 50V X7R	
C726	065G060333412K A	CAP CHIP 0603 0.33UF K 16V X7R	
C734	065G060333412K A	CAP CHIP 0603 0.33UF K 16V X7R	
C683	065G0603471 32	CHIP 470PF 50V X7R	
C684	065G0603471 32	CHIP 470PF 50V X7R	
C251	065G0603474 12	MLCC 0603 0.47UF K 16V X7R	
C4B8	065G0603474 12	MLCC 0603 0.47UF K 16V X7R	
C746	065G0603474 12	MLCC 0603 0.47UF K 16V X7R	
C622	065G0603561 31	CAP:CER 560PF 5%50V SMT 0603	
C210	065G0603820 31	0603 82PF +-5%, 50V NPO	
C651	065G0805105 37	CHIP 1UF 50V Y5V	
C650	065G0805105 37	CHIP 1UF 50V Y5V	
C648	065G0805105 37	CHIP 1UF 50V Y5V	
C640	065G0805105 37	CHIP 1UF 50V Y5V	
C635	065G0805105 37	CHIP 1UF 50V Y5V	
C633	065G0805105 37	CHIP 1UF 50V Y5V	
C630	065G0805105 37	CHIP 1UF 50V Y5V	
C744	065G0805106 15	CAP CHIP 0805 10UF K 16V X5R	
C4E5	065G080510606K M	MLCC 0805 CAP 10UF 6.3V X6S	
C418	065G080510606K M	MLCC 0805 CAP 10UF 6.3V X6S	
C414	065G080510606K M	MLCC 0805 CAP 10UF 6.3V X6S	
C686	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C678	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C677	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C621	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C612	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C611	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C610	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C609	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C608	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C607	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C606	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C603	065G0805225 22	CHIP 2.2UF 25V X7R 0805	
C602	065G0805225 22	CHIP 2.2UF 25V X7R 0805	

C601	065G0805225 22		CHIP 2.2UF 25V X7R 0805	
C642	065G0805333 32		CHIP 0.033UF 50V	
C646	065G0805333 32		CHIP 0.033UF 50V	
C723	065G0805475 A2		CAP CHIP 4.7UF 10V X7R +/- 10%	
C759	065G0805475 A2		CAP CHIP 4.7UF 10V X7R +/- 10%	
C250	065G0805475A2K	M	MLCC 0805 CAP 4.7UF 10V X7R	
C420	065G0805475A2K	M	MLCC 0805 CAP 4.7UF 10V X7R	
C425	065G0805475A2K	M	MLCC 0805 CAP 4.7UF 10V X7R	
C428	065G0805475A2K	M	MLCC 0805 CAP 4.7UF 10V X7R	
C434	065G0805475A2K	M	MLCC 0805 CAP 4.7UF 10V X7R	
C625	065G1206106 17		MLCC 10 UF Z 16V Y5V	
C624	065G1206106 17		MLCC 10 UF Z 16V Y5V	
C623	065G1206106 17		MLCC 10 UF Z 16V Y5V	
C474	065G120610612K	3	CHIP 10UF 16V X7R 10%	
C484	065G120610612K	3	CHIP 10UF 16V X7R 10%	
C4D8	065G120610612K	3	CHIP 10UF 16V X7R 10%	
C4E9	065G120610612K	3	CHIP 10UF 16V X7R 10%	
C739	065G1206226 A7		CHIP 1206 22UF Z 10V Y5V	
C762	065G1206226 A7		CHIP 1206 22UF Z 10V Y5V	
C767	065G1206226 A7		CHIP 1206 22UF Z 10V Y5V	
C664	065G1206475 22		4.7U/25V X7R	
C410	065G120647512K	Y	CAP CHIP 1206 4.7UF K 16V X7R	
C411	065G120647512K	Y	CAP CHIP 1206 4.7UF K 16V X7R	
C496	065T0402474A2K	T	CAP MLCC 0402 0.47UF K 10V X7R	
C498	065T0402474A2K	T	CAP MLCC 0402 0.47UF K 10V X7R	
C4A1	065T0402474A2K	T	CAP MLCC 0402 0.47UF K 10V X7R	
C740	065T0603223 22		CHIP 0.022UF 25V X7R	
C765	065T0603223 22		CHIP 0.022UF 25V X7R	
FB613	071G 56G301 EA		BEAD 300 OHM	
FB612	071G 56G301 EA		BEAD 300 OHM	
FB411	071G 57G301 EA		CHIP BEAD	
FB702	071G 57G301 EA		CHIP BEAD	
FB703	071G 57G301 EA		CHIP BEAD	
FB410	071G 59B121		TB160808B	
FB611	071G 59B121		TB160808B	
FB701	071G 59B121		TB160808B	
FB201	071G 59B601 EA		CHIP BEAD 600 OHM	
FB203	071G 59B601 EA		CHIP BEAD 600 OHM	
FB204	071G 59C300		CHIP BEAD	
FB205	071G 59C300		CHIP BEAD	
FB206	071G 59C300		CHIP BEAD	
FB209	071G 59C300		CHIP BEAD	
FB215	071G 59C300		CHIP BEAD	
FB216	071G 59C300		CHIP BEAD	
FB217	071G 59C300		CHIP BEAD	
FB218	071G 59C300		CHIP BEAD	
FB219	071G 59C300		CHIP BEAD	
FB220	071G 59C300		CHIP BEAD	
FB221	071G 59C300		CHIP BEAD	
FB222	071G 59C300		CHIP BEAD	
FB223	071G 59C300		CHIP BEAD	

FB614	071G 59C300	CHIP BEAD	
FB615	071G 59C300	CHIP BEAD	
FB406	071G 59G301	CHIP BEAD 300OHM	
FB419	071G 59G301	CHIP BEAD 300OHM	
FB421	071G 59G301	CHIP BEAD 300OHM	
FB422	071G 59G301	CHIP BEAD 300OHM	
FB607	071G 59G301	CHIP BEAD 300OHM	
FB608	071G 59G301	CHIP BEAD 300OHM	
FB401	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB403	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB404	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB407	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB408	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB409	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB412	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB413	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB414	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB415	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB417	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB418	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB423	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB424	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB502	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB503	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB504	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB505	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB506	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB507	071G 59L121 Y	CHIP BEAD 0603 120OHM+-25% 0.3A	
FB405	071G 59U800 TS	CHIP BEAD 0603 80OHM+-25% 0.6A	
L604	071G160833102Y	CHIP BEAD 0603 330 OHM 200MA	
L605	071G160833102Y	CHIP BEAD 0603 330 OHM 200MA	
L703	071G3216330 6Y	CHIP BEAD 1206 33 OHM 6A	
L202	073G 85158 5B	CHIP INDUCTOR 0.15UH 5% 250MA 0805	
L203	073G 852285TA	CHIP INDUCTOR 0.22UH 5% 0805	
L201	073G 852285TA	CHIP INDUCTOR 0.22UH 5% 0805	
L401	073G253S 6 T	IND SMD CHOKE 90 OHM TDK	
L705	073G253S 12 K	SMD CHOKE 4.7UH BS0302CDSU4R7M	
L706	073G253S 38 K	SMD CHOKE 2.2UH BSF4D28RHSU2R2NT	
L704	073G253S 46 H	SMD CHOKE 4.7UH	
L701	073G253S 46 H	SMD CHOKE 4.7UH	
CN502	088G 340 19 AV	HDMI HEADER 19P +SCREW HOLE	
CN504	088T 340 21 VD	HDMI HEADER 21P V/T	
CN503	088T 340 21 VD	HDMI HEADER 21P V/T	
ZD503	093G 60230	BAT54C(L43)	
ZD402	093G 60230	BAT54C(L43)	
ZD204	093G 60230	BAT54C(L43)	
ZD605	093G 64 37 N	VPORT0603100KV05	
ZD610	093G 64 37 N	VPORT0603100KV05	
ZD611	093G 64 37 N	VPORT0603100KV05	
ZD612	093G 64 37 N	VPORT0603100KV05	
ZD604	093G 64 37 N	VPORT0603100KV05	

ZD603	093G 64 37 N	VPORT0603100KV05	
ZD602	093G 64 37 N	VPORT0603100KV05	
ZD601	093G 64 37 N	VPORT0603100KV05	
ZD207	093G 64 37 N	VPORT0603100KV05	
ZD203	093G 64 37 N	VPORT0603100KV05	
ZD202	093G 64 37 N	VPORT0603100KV05	
ZD201	093G 64 37 N	VPORT0603100KV05	
ZD609	093G 64 37 N	VPORT0603100KV05	
ZD608	093G 64 37 N	VPORT0603100KV05	
ZD607	093G 64 37 N	VPORT0603100KV05	
ZD606	093G 64 37 N	VPORT0603100KV05	
ZD502	093G 64 37 N	VPORT0603100KV05	
D703	093G 6432P	LL4148	
D701	093G 6432P	LL4148	
D603	093G 6432P	LL4148	
D602	093G 6432P	LL4148	
D606	093G 60S 15 T	DIODE RB160M-60TE25 SOD-123 ROHM	
D605	093G 60S 15 T	DIODE RB160M-60TE25 SOD-123 ROHM	
D601	093G 60S 15 T	DIODE RB160M-60TE25 SOD-123 ROHM	
ZD701	093G3004 3	SM340A	
ZD702	093G3004 3	SM340A	
	715G3269 1	MAIN BOARD PCB	
R285	061G0603220	RST CHIPR 22 OHM +-5% 1/10W	
	709T3269 QS001	COMSUPTIVE ASS'Y	
	052G6026 3	MESH PRINTTING PAPER	
	055G 23520	IPA	
	052G 2191 A	PAPER TAPE	
	055G 100610	TIN CREAM W/O PB	
CN503	088T 340 21 VA	HDMI HEADER 21P V/T	2nd source
CN504	088T 340 21 VA	HDMI HEADER 21P V/T	2nd source
U511	056G 662 3 1	IC CM2021-02TR TSSOP-38	
	709T3269 QA001	COMSUPTIVE ASS'Y	
	Q12T6900 26	HEAT PAD FOR U401	
	Q90T0173 1	HEAT SINK FOR U401	
	Q90T6119 5	HEATSINK FOR U602	
	INTV8LCCMAA5	INVERTER BOARD	
	040G 45762412B	CBPC LABEL	
CN8802	033G8029 3A H	B2P3S-VH	
CN8808	033T8021 2A U	CONN 13.0MM 2P R/A	
CN8807	033T8021 2A U	CONN 13.0MM 2P R/A	
CN8806	033T8021 2A U	CONN 13.0MM 2P R/A	
CN8805	033T8021 2A U	CONN 13.0MM 2P R/A	
CN8804	033T8021 2A U	CONN 13.0MM 2P R/A	
CN8803	033T8021 2A U	CONN 13.0MM 2P R/A	
CN8803	033T8021 2A JS	CONNECTOR 13.0MM 2P (ONLY FOR TESTING)	
CN8804	033T8021 2A JS	CONNECTOR 13.0MM 2P (ONLY FOR TESTING)	
CN8805	033T8021 2A JS	CONNECTOR 13.0MM 2P (ONLY FOR TESTING)	
CN8806	033T8021 2A JS	CONNECTOR 13.0MM 2P (ONLY FOR TESTING)	
CN8807	033T8021 2A JS	CONNECTOR 13.0MM 2P (ONLY FOR TESTING)	
CN8808	033T8021 2A JS	CONNECTOR 13.0MM 2P (ONLY FOR TESTING)	
C8813	065G 6J1006ET	10PF 5% SL 6KV	

C8812	065G 6J1006ET	10PF 5% SL 6KV	
C8811	065G 6J1006ET	10PF 5% SL 6KV	
C8810	065G 6J1006ET	10PF 5% SL 6KV	
C8809	065G 6J1006ET	10PF 5% SL 6KV	
C8808	065G 6J1006ET	10PF 5% SL 6KV	
C8802	065G 6J1006ET	10PF 5% SL 6KV	
C8803	065G 6J1006ET	10PF 5% SL 6KV	
C8804	065G 6J1006ET	10PF 5% SL 6KV	
C8805	065G 6J1006ET	10PF 5% SL 6KV	
C8806	065G 6J1006ET	10PF 5% SL 6KV	
C8807	065G 6J1006ET	10PF 5% SL 6KV	
T8803	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8805	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8804	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8808	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8807	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8806	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8812	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8811	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8810	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8809	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8802	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
T8801	080GL32T 14 DN	INVERTER X'FMR 182UH TK.6518A.101 VOC	
CN8801	095G 825 6D504	HARNESS 6P(SCN)-5P(PLUG) 140MM	
CN8801	095G 825 6J504	HARNESS 6P(SCN)-5P(PLUG) 160MM	2nd source
R8823	061G0805000	RST CHIP MAX 0R05 1/8W	
R8809	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R8807	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R8806	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R8802	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R8801	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R8822	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R8821	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R8820	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R8819	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R8818	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R8804	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R8805	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	
R8808	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	
R8816	061G0805390 2F	RST CHIPR 39 KOHM +-1% 1/8W	
R8803	061G0805390 2F	RST CHIPR 39 KOHM +-1% 1/8W	
R8810	061G0805511	RST CHIPR 510 OHM +-5% 1/8W	
R8811	061G0805511	RST CHIPR 510 OHM +-5% 1/8W	
R8812	061G0805511	RST CHIPR 510 OHM +-5% 1/8W	
R8814	061G0805511	RST CHIPR 510 OHM +-5% 1/8W	
R8815	061G0805511	RST CHIPR 510 OHM +-5% 1/8W	
R8817	061G08056801FY	RST CHIPR 6.8KOHM +-1% 1/8W YAGEO	
R8813	061G08056801FY	RST CHIPR 6.8KOHM +-1% 1/8W YAGEO	
RJ8801	061G1206000	RST CHIP MAX 0R05 1/4W	
C8818	065G0805102 32	CHIP 1000P 50VX7R 0805	
C8819	065G0805102 32	CHIP 1000P 50VX7R 0805	

C8801	065G080510232K	Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C8825	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8824	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8823	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8822	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8821	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8820	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8817	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8816	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8815	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
C8814	065G080518332K	3	CAP CHIP 0805 18N 50V X7R +/-10%	
D8808	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8809	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8811	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8812	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8813	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8814	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8815	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8817	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8818	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8819	093G 64 33		DIO SIG SM BAV99 (PHSE)R	
D8815	093G 6433S		DIODE BAV99 SEMTECH	
D8817	093G 6433S		DIODE BAV99 SEMTECH	
D8818	093G 6433S		DIODE BAV99 SEMTECH	
D8819	093G 6433S		DIODE BAV99 SEMTECH	
D8814	093G 6433S		DIODE BAV99 SEMTECH	
D8813	093G 6433S		DIODE BAV99 SEMTECH	
D8808	093G 6433S		DIODE BAV99 SEMTECH	
D8809	093G 6433S		DIODE BAV99 SEMTECH	
D8812	093G 6433S		DIODE BAV99 SEMTECH	
D8811	093G 6433S		DIODE BAV99 SEMTECH	
D8822	093G 64S522SEM		LL4148	
D8806	093G 3919552T		DIODE MTZJ T-72 5.1B 500MW/5.1V DO-34	
D8801	093G 64 1152T		1N4148	
D8821	093G 64 1152T		1N4148	
D8820	093G 64 1152T		1N4148	
D8807	093G 64 1152T		1N4148	
D8805	093G 64 1152T		1N4148	
D8804	093G 64 1152T		1N4148	
D8802	093G 64 1152T		1N4148	
D8820	093G 64 1152T PH		SWITCH DIODE 1N4148 BY PHILIPS	
D8821	093G 64 1152T PH		SWITCH DIODE 1N4148 BY PHILIPS	
D8805	093G 64 1152T PH		SWITCH DIODE 1N4148 BY PHILIPS	
D8807	093G 64 1152T PH		SWITCH DIODE 1N4148 BY PHILIPS	
D8804	093G 64 1152T PH		SWITCH DIODE 1N4148 BY PHILIPS	
D8802	093G 64 1152T PH		SWITCH DIODE 1N4148 BY PHILIPS	
D8801	093G 64 1152T PH		SWITCH DIODE 1N4148 BY PHILIPS	
J8802	095G 90 23		JUMPER WIRE	
J8801	095G 90 23		JUMPER WIRE	
J8811	095G 90 23		JUMPER WIRE	
J8812	095G 90 23		JUMPER WIRE	

J8803	095G 90 23	JUMPER WIRE	
J8804	095G 90 23	JUMPER WIRE	
J8813	095G 90 23	JUMPER WIRE	
J8810	095G 90 23	JUMPER WIRE	
J8809	095G 90 23	JUMPER WIRE	
J8808	095G 90 23	JUMPER WIRE	
J8807	095G 90 23	JUMPER WIRE	
J8805	095G 90 23	JUMPER WIRE	
J8806	095G 90 23	JUMPER WIRE	
	715G3333 1	INVERTER BOARD PCB	
	IRPF8QE1	IR BOARD	
U02	056G 627 42	LS FM-8038TM2-5DN	
U01	056T 627 41	LS JSA-3111B	
U01	081G 3 B GP	LED GPB2603C/R001-HB	
D01	081G 12 10 EL	LED BLUE/RED 209-3SURUBW/C470/S530-A3	
	P11G0021101	IR-HOLDER FOR U02	
	P11G0022101	IR-HOLDER FOR U01	
	P11G0027101	HOLDER FOR D01	
CN01	033G8032 6F HR	CONNECTOR	
R003	061G0805153	RST CHIPR 15KOHM +-5% 1/8W	
C02	065G0603104 12	CER2 0603 X7R 16V 100N P	
	715G3394 2	IR BOARD PCB	
	KEPF9QB2	KEY BOARD	
CN01	033G3802 4B YH W	WAFER 2.0 4P	
R01	061G0603750 1F	RST CHIPR 7.5 KOHM +-1% 1/10W	
R02	061G0603270 1F	RST CHIPR 2.7 KOHM +-1% 1/10W	
R03	061G0603180 1F	RST CHIPR 1.8 KOHM +-1% 1/10W	
R04	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W	
R05	061G0603750 0F	RST CHIPR 750 OHM +-1% 1/10W	
R07	061G0603750 0F	RST CHIPR 750 OHM +-1% 1/10W	
R08	061G0603100 0F	RST CHIPR 100 OHM +-1% 1/10W	
SW01	077G 603 AI HJ	TACT SWITCH 2PIN	
SW02	077G 603 AI HJ	TACT SWITCH 2PIN	
SW03	077G 603 AI HJ	TACT SWITCH 2PIN	
SW04	077G 603 AI HJ	TACT SWITCH 2PIN	
SW05	077G 603 AI HJ	TACT SWITCH 2PIN	
SW06	077G 603 AI HJ	TACT SWITCH 2PIN	
SW07	077G 603 AI HJ	TACT SWITCH 2PIN	
	715G3400 1	KEY BOARD PCB	
JR01	061G0805000	RST CHIP MAX 0R05 1/8W	
	P15T0443101	BRACKET_SIDE_AV	
	P15T0501101	BRACKET SUPPORT RIGHT	
	P15T0536101	BRACKET_TOP	
	P15T0537301	BRACKET_LEFT_TOP_NAFTA	
	P15T0538101	BRACKET_VESA	
	P15T0539101	BRACKET_PCB_SUPPORT	
	P15T0540101	BRACKET_BASE	
	P15T0541101	BRACKET_HOLD_TOP	
	P15T0542101	BRACKET_HOLD_TOP	
	PWTV8LCCMACF	POWER BOARD	
	040G 45762412B	CBPC LABEL	

CN802	033G3802 5B Y W	WEAFER	
CN801	033G8029 3A	3PIN (2PIN NC)	
CN902	033T327812D	WAFER 12P PLUG	
CN802	033T3802 5B Y	CONNECTOR	
	051T 6 4503	GLUE_RTV	
IC950	056G 139 7	IC EL817MC M-TYPE	
IC951	056G 139 7	IC EL817MC M-TYPE	
IC970	056G 139 7	IC EL817MC M-TYPE	
IC902	056T 379121	IC STR- A6069H DIP-8	
Q921	057G 761 7	KTD1691P	
C901	063G107K474 US	0.47UF +-10%	
C904	063G107K474 US	0.47UF +-10%	
C801	063G213J105GFA	MPF CAP	
C804	063G213J105GFA	MPF CAP	
C910	063G213J105GFA	MPF CAP	
C911	065G 1K103 2E6213	CAP CER 10NF K 1KV	
C925	065G 1K103 2E6213	CAP CER 10NF K 1KV	
C823	065G 1K103 2E6213	CAP CER 10NF K 1KV	
C906	065G306K4712B3	Y1 CAP 470PF +-10% 250VAC CD SERIES	
C905	065G306K4712B3	Y1 CAP 470PF +-10% 250VAC CD SERIES	
C924	065G306M1022B2	1000PF 400VAC/250VAC Y1	
C903	065G306M6812B3	Y1 CAP 680PF +-20% 250VAC CD SERIES	
C902	065G306M6812B3	Y1 CAP 680PF +-20% 250VAC CD SERIES	
C953	067G204V331 3K	CS CAP 330UF 16V 10*12 MM	
C954	067G215A4713KV	EC 470UF 16V M 10*12MM	
C945	067G215A4716KV	EC 470UF 35V M 10*16MM	
C975	067G215A4716KV	EC 470UF 35V M 10*16MM	
C973	067G215A4716KV	EC 470UF 35V M 10*16MM	
C946	067G215P4714KV	LOW ESR EC 470UF M 25V 10*16MM	
C805	067G215P4714KV	LOW ESR EC 470UF M 25V 10*16MM	
C920	067T 42Z12115K	EC 120UF M 450V 18*45MM	
L906	073G 174143 N	PFC CHOKE 310UH YUVA-1123	
L801	073G 253 91 L	CHOKE BY LI TA	
L950	073G 253 91 L	CHOKE BY LI TA	
L951	073G 253 91 L	CHOKE BY LI TA	
L980	073G 253 91 L	CHOKE BY LI TA	
L901	073T 174106 DN	LINE FILTER 13MH LK.TF032.A20	
L902	073T 174106 DN	LINE FILTER 13MH LK.TF032.A20	
T801	080GL26T 15 N	X'FMR 840UH MIN YUVA-1094	
T802	080GL32P 1 L	POWER X'FMR 6MH 25% CC-011225-C	
T902	080GL37T 19 N	X'FMR 550UH 5% YUVA-1089	
T901	080GL52T 5 N	X'FMR 1.0MH YUVA-1068	
F901	084G 41 11 L	FUSE 5A 250V	
CN901	087G 501 48 S	AC SOCKET 3PIN + 3 HOLE	
D904	093G 52 70 1	1N5408-E(SHORT PIN) 3A/1000V DO-201AD	
D904	093G 5255L52T	DIDOE 1N5408-E3/73 3A/1000V DO-201AD	
	0Q1G 340 8106 CR3	SCREW	
	705TQ857022	Q901 ASS'Y	
Q901	057G 667 24	STP20NM60FP TO-220FP ST	
	0M1G1730 8120	SCREW	
HS2	Q90T0095 2	HEAT SINK	

	705TQ857023	Q903 ASS'Y	
Q903	057G 667 21	STP10NK70ZFP	
	0M1G1730 8120	SCREW	
HS3	Q90T6084 6	HEAT SINK	
	705TQ857024	Q801/Q802 ASS'Y	
Q801	057G 667 49	FET 2SK4086LS 11.5A/600V TO-220FI(LS)	
Q802	057G 667 49	FET 2SK4086LS 11.5A/600V TO-220FI(LS)	
Q802	057T 667 59	MOSFET FQPF12N60C 12A/600V TO-220F	
Q801	057T 667 59	MOSFET FQPF12N60C 12A/600V TO-220F	
	0M1G1730 10120	SCREW 42A9930016	
HS8	Q90T0087 2	HEAT SINK	
	705TQ861011	NR901 ASS'Y	
NR901	061T 58030 WL	RST NTCR 3 OHM +-20% 5A THINKING	
	Q09T 203 8	PIN FOR NR901	
	705TQ893054	BD901 ASS'Y	
BD901	093G 50460 18	D10XB60	
	0M1G1730 10120	SCREW 42A9930016	
HS1	P90T0027301	HEAT SINK	
	705TQ893055	D950 ASS'Y	
HS5	090G6084 1	HEAT SINK	
D950	093G 60298	DIODE SBT15006JST 15A/60V TO-220ML(LS)	
D950	093G1506 2	FMW-2156	
	0M1G1730 8120	SCREW	
	705TQ893056	D902 ASS'Y	
D902	093G 52 56	DIODE FMN-1106S 10A/600V TO-220	
	0M1G1730 8120	SCREW	
HS6	Q90G6084 3	HEAT SINK	
	705TQ893057	D972 ASS'Y	
HS7	090G6064 1	HEAT SINK	
D970	093G 60282	DIODE SP20100R TO-220FP	
D972	093G 60282	DIODE SP20100R TO-220FP	
D970	093G 60300	DIODE SBR20010JST 20A/100V TO-220ML(LS)	
D972	093G 60300	DIODE SBR20010JST 20A/100V TO-220ML(LS)	
	0M1G1730 8120	SCREW	
IC901	056G 368 12	IC FAN7529MX SOP-8	
IC801	056T 379122	IC OZ9976GN-C-0-TR SOP-16	
IC903	056T 379133	IC LD7523A GS SOP-8	
Q804	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q805	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q950	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q970	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q803	057G 759 2	RK7002FD5T116 SOT-23 BY ROHM	
Q924	057G 760 5	DTC144WKA BY ROHM SMT	
R913	061G0805100	RST CHIPR 10 OHM +-5% 1/8W	
R959	061G0805100 3F	RST CHIPR 100KOHM +-1% 1/8W	
R829	061G0805100 4F	RST CHIPR 1 MOHM +-1% 1/8W	
R831	061G0805100 4F	RST CHIPR 1 MOHM +-1% 1/8W	
R802	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R803	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R981	061G0805101	1ST CHIPR 100 OHM +-5% 1/8W	
R817	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	

R955	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R956	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R982	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R983	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R989	061G0805102	RST CHIPR 1K OHM +-5% 1/8W	
R963	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R947	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R944	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R918	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R914	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R804	061G0805103	RST CHIPR 10K OHM +-5% 1/8W	
R810	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	
R820	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	
R928	061G0805104	RST CHIPR 100K OHM +-5% 1/8W	
R819	061G0805105	RST CHIPR 1M OHM +-5% 1/8W	
R808	061G0805105	RST CHIPR 1M OHM +-5% 1/8W	
R932	061G0805109	RST CHIPR 1 OHM +-5% 1/8W	
R933	061G0805109	RST CHIPR 1 OHM +-5% 1/8W	
R818	061G0805120 1F	RST CHIP 1K2 /8W 1%	
R923	061G0805130 2F	RST CHIP 13K 1/8W 1%	
R812	061G0805154	RST CHIPR 150KOHM +-5% 1/8W	
R811	061G0805155	RST CHIPR 1.5 MOHM +-5% 1/8W	
R979	061G0805200 1F	RST CHIPR 2 KOHM +-1% 1/8W	
R964	061G0805202	RST CHIPR 2K OHM +-5% 1/8W	
R943	061G0805220	RST CHIPR 22 OHM +-5% 1/8W	
R826	061G0805240 0F	RST CHIPR 240 OHM +-1% 1/8W	
R978	061G0805240 2F	RST CHIPR 24 KOHM +-1% 1/8W	
R807	061G0805244	RST CHIPR 240 KOHM +-5% 1/8W	
R987	061G0805270 2F	RST CHIPR 27 KOHM +-1% 1/8W	
R806	061G0805335	3.3M 0805	
R985	061G0805362 JF	RST CHIPR 3K6 +-5% 1/8W FENGHUA	
R975	061G0805392	3.9 KOHM 1/10W	
R915	061G0805470 0F	RST CHIPR 470 OHM +-1% 1/8W	
R937	061G0805472	RST CHIPR 4.7 KOHM +-5% 1/8W	
R938	061G0805472	RST CHIPR 4.7 KOHM +-5% 1/8W	
R816	061G0805510	RST CHIPR 51 OHM +-5% 1/8W	
R824	061G0805510 0F	RST CHIPR 510 OHM +-1% 1/8W	
R827	061G0805510 0F	RST CHIPR 510 OHM +-1% 1/8W	
R814	061G0805513	RST CHIPR 51K OHM +-5% 1/8W	
R917	061G0805563	RST CHIPR 56K OHM +-5% 1/8W	
R906	061G0805564	RST CHIPR 560 KOHM +-5% 1/8W	
R805	061G0805620 2F	RST CHIPR 62 KOHM +-1% 1/8W	
R828	061G0805683	RST CHIPR 68K OHM +-5% 1/8W	
R830	061G0805683	RST CHIPR 68K OHM +-5% 1/8W	
R957	061G0805820 1F	RST CHIPR 8.2KOHM +-1% 1/8W	
R958	061G0805820 1F	RST CHIPR 8.2KOHM +-1% 1/8W	
R821	061G08059101FF	RST CHIPR 9.1KOHM +-1% 1/8W FENGHUA	
R821	061G08059101FT	RST CHIP 9K1 1/8W 1%	
JR906	061G1206000	RST CHIP MAX 0R05 1/4W	
JR905	061G1206000	RST CHIP MAX 0R05 1/4W	
JR904	061G1206000	RST CHIP MAX 0R05 1/4W	

JR903	061G1206000	RST CHIP MAX 0R05 1/4W	
JR902	061G1206000	RST CHIP MAX 0R05 1/4W	
JR901	061G1206000	RST CHIP MAX 0R05 1/4W	
JR805	061G1206000	RST CHIP MAX 0R05 1/4W	
JR804	061G1206000	RST CHIP MAX 0R05 1/4W	
JR803	061G1206000	RST CHIP MAX 0R05 1/4W	
JR802	061G1206000	RST CHIP MAX 0R05 1/4W	
JR801	061G1206000	RST CHIP MAX 0R05 1/4W	
JP907	061G1206000	RST CHIP MAX 0R05 1/4W	
R924	061G1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	
R925	061G1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	
R926	061G1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W	
R951	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R970	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R973	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R977	061G1206101	RST CHIPR 100 OHM +-5% 1/4W	
R935	061G1206102	RST CHIPR 1K OHM +-5% 1/4W	
R945	061G1206102	RST CHIPR 1K OHM +-5% 1/4W	
R976	061G1206103	RST CHIPR 10K OHM +-5% 1/4W	
R941	061G1206103	RST CHIPR 10K OHM +-5% 1/4W	
R939	061G1206103	RST CHIPR 10K OHM +-5% 1/4W	
R929	061G1206103	RST CHIPR 10K OHM +-5% 1/4W	
R833	061G1206103	RST CHIPR 10K OHM +-5% 1/4W	
R832	061G1206103	RST CHIPR 10K OHM +-5% 1/4W	
R999	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R998	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R997	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R996	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R994	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R993	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R992	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R991	061G1206104	RST CHIPR 100 KOHM +-5% 1/4W	
R909	061G1206155	RST CHIPR 1.5 MOHM +-5% 1/4W	
R905	061G1206155	RST CHIPR 1.5 MOHM +-5% 1/4W	
R904	061G1206155	RST CHIPR 1.5 MOHM +-5% 1/4W	
R988	061G1206182	RST CHIPR 1.8 KOHM +-5% 1/4W	
R986	061G1206182	RST CHIPR 1.8 KOHM +-5% 1/4W	
R972	061G1206182	RST CHIPR 1.8 KOHM +-5% 1/4W	
R971	061G1206182	RST CHIPR 1.8 KOHM +-5% 1/4W	
R967	061G1206182	RST CHIPR 1.8 KOHM +-5% 1/4W	
R965	061G1206182	RST CHIPR 1.8 KOHM +-5% 1/4W	
R911	061G1206203	RST CHIPR 20 KOHM +-5% 1/4W	
R931	061G1206229	RST CHIPR 2.2 OHM +-5% 1/4W	
R908	061G1206229	RST CHIPR 2.2 OHM +-5% 1/4W	
R907	061G1206229	RST CHIPR 2.2 OHM +-5% 1/4W	
R910	061G1206304	RST CHIPR 300K OHM +-5% 1/4W	
R903	061G1206334	RST CHIPR 330KOHM +-5% 1/4W	
R902	061G1206334	RST CHIPR 330KOHM +-5% 1/4W	
R901	061G1206334	RST CHIPR 330KOHM +-5% 1/4W	
R952	061G1206470	RST CHIPR 47 OHM +-5% 1/4W	
R950	061G1206470	RST CHIPR 47 OHM +-5% 1/4W	

R962	061G1206475		RST CHIPR 4.7 MOHM +-5% 1/4W	
R942	061G1206513		RST CHIPR 51 KOHM +-5% 1/4W	
R920	061G1206680 3F		RST CHIPR 680KOHM +-1% 1/4W	
R921	061G1206680 3F		RST CHIPR 680KOHM +-1% 1/4W	
R922	061G1206680 3F		RST CHIPR 680KOHM +-1% 1/4W	
R966	061G1206682		RST CHIPR 6.8 KOHM +-5% 1/4W	
R968	061G1206682		RST CHIPR 6.8 KOHM +-5% 1/4W	
R969	061G1206682		RST CHIPR 6.8 KOHM +-5% 1/4W	
R984	061G1206682		RST CHIPR 6.8 KOHM +-5% 1/4W	
C912	065G0805101 32		100PF +-10% 50V X7R	
C808	065G080510232K Y		CAP CHIP 0805 1N 50V X7R +/-10%	
C909	065G0805103 32		CAP CHIP 0805 10NF K 50V X7R	
C939	065G0805103 32		CAP CHIP 0805 10NF K 50V X7R	
C907	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C908	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C913	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C921	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C923	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C934	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C942	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C947	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C948	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C949	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C956	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C978	065G0805104 32		CAP CHIP 0805 0.1UF K 50V X7R	
C806	065G0805104 32 GP		CHIP 0.1UF 50V X7R	
C809	065G080510522K 3		CAP CHIP 0805 1U 25V X7R +/-10%	
C811	065G080510522K 3		CAP CHIP 0805 1U 25V X7R +/-10%	
C922	065G080510537Z 3		CAP CHIP 0805 1U 50V Y5V -20%+80%	
C815	065G0805152 22		CHIP 1500PF 25V X7R 0805	
C944	065G0805221 32		CHIP 220PF 50V X7R 0805	
C812	065G0805223 22		CHIP 0.022UF 25V X7R 080	
C955	065G0805224 32		0.22UF,K,50V,X7R	
C814	065G080522522K M		MLCC 0805 CAP 2.2UF 25V X7R	
C802	065G080522522K M		MLCC 0805 CAP 2.2UF 25V X7R	
C807	065G080533131G		MLCC 0805 330PF J 50V NPO	
C976	065G0805334 32 GP		CHIP 0805 0.33UF K 50V X7R	
C810	065G080547232K Y		CAP CHIP 0805 4700PF K 50V X7R	
C813	065G080547232K Y		CAP CHIP 0805 4700PF K 50V X7R	
C917	065G0805473 32		CHIP 0.047UF 50V X7R	
C943	065G0805473 32		CHIP 0.047UF 50V X7R	
C817	065G0805473 32		CHIP 0.047UF 50V X7R	
C818	065G0805473 32		CHIP 0.047UF 50V X7R	
C918	065G0805474 22		CHIP 0.47UF 25V X7R 0805	
C821	065G0805681 31		CHIP 680PF 50V NPO 0805	
C820	065G0805681 31		CHIP 680PF 50V NPO 0805	
C951	065G1206102 72		CAP CHIP 1206 1000PF K 500V X7R	
C950	065G1206102 72		CAP CHIP 1206 1000PF K 500V X7R	
C952	065G1206102 72		CAP CHIP 1206 1000PF K 500V X7R	
C957	065G1206102 72		CAP CHIP 1206 1000PF K 500V X7R	
C970	065G1206102 72		CAP CHIP 1206 1000PF K 500V X7R	

C972	065G1206102 72	CAP CHIP 1206 1000PF K 500V X7R	
D805	093G 64 42 PP	BAV70 SOT-23	
D804	093T 60S 5 T	SCS0520P SOD-123	
D803	093T 60S 5 T	SCS0520P SOD-123	
D802	093T 60S 5 T	SCS0520P SOD-123	
D801	093T 60S 5 T	SCS0520P SOD-123	
T802	006G 31502	1.5MM RIVET	
CN901	006T 31501	EYELET	
IC952	056G 158 10 T	IC AS431AZTR-E1 TO-92	
R974	061G 20010252T	RST MFR 1K OHM +-1% 1/4W	
R801	061G 30310852T GP	FUSE RESISTOR	
R948	061G 30310852T GP	FUSE RESISTOR	
R960	061G 60210252T	CFR 1K OHM +-5% 1/6W	
R961	061G 60210352T	CFR 10KOHM +-5% 1/6W	
R916	061G152M12852T	RST MOFR 0.12 OHM +-5% 2WS	
R946	061G152M36852T	RST MOF 0R36 5% 2W	
R954	061T 20010152T	100 OHM 1% 1/4W	
C803	065G 1K102 5T6213	CER CAP 1000PF K 1KV TDK	
C932	065G 2K102 2T6921	CAP CER 1000PF 2KV K Y5P	
C935	065G 2K102 2T6921	CAP CER 1000PF 2KV K Y5P	
C941	067G215Y1007KT	KY50VB10M-TP5 5*11.5	
C937	067G215Y1007KT	KY50VB10M-TP5 5*11.5	
C933	067G215Y1007KT	KY50VB10M-TP5 5*11.5	
C931	067G215Y1017NT	EC 100UF 50V 8*11.5MM	
C914	067G215Y4707KT	47UF 50V	
ZD952	093G 3916652T	MTZJ15B (13.89-14.62)	
ZD930	093G 3916752T	MTZJ T-72 16B	
ZD970	093G 3917152T	MTZJ T-72 30B	
D901	093G 52 1552T	DIODE 1N4007-E3/73 1A/1000V DO-41	
D931	093G 5250S52T	DIODE AU02Z-V1 SANKEN	
D951	093G 64 1152T	1N4148	
D806	093G 64 1152T	1N4148	
D807	093G 64 1152T	1N4148	
D971	093G 64 1152T	1N4148	
D906	093G 64 1152T	1N4148	
D905	093G 64 1152T	1N4148	
D903	093G 64 1152T	1N4148	
D930	093T1080 252T	DIODE SARSO1-V1 SANKEN	
D940	093T1080 252T	DIODE SARSO1-V1 SANKEN	
J907	095G 90 23	JUMPER WIRE	
J906	095G 90 23	JUMPER WIRE	
J911	095G 90 23	JUMPER WIRE	
J803	095G 90 23	JUMPER WIRE	
J806	095G 90 23	JUMPER WIRE	
J808	095G 90 23	JUMPER WIRE	
J901	095G 90 23	JUMPER WIRE	
J802	095G 90 23	JUMPER WIRE	
J801	095G 90 23	JUMPER WIRE	
D932	095G 90 23	JUMPER WIRE	
J908	095G 90 23	JUMPER WIRE	
J903	095G 90 23	JUMPER WIRE	

J902	095G 90 23	JUMPER WIRE	
J809	095G 90 23	JUMPER WIRE	
J927	095G 90 23	JUMPER WIRE	
J926	095G 90 23	JUMPER WIRE	
J925	095G 90 23	JUMPER WIRE	
J923	095G 90 23	JUMPER WIRE	
J904	095G 90 23	JUMPER WIRE	
J905	095G 90 23	JUMPER WIRE	
J910	095G 90 23	JUMPER WIRE	
J922	095G 90 23	JUMPER WIRE	
J921	095G 90 23	JUMPER WIRE	
J920	095G 90 23	JUMPER WIRE	
J914	095G 90 23	JUMPER WIRE	
J804	095G 90 23	JUMPER WIRE	
J805	095G 90 23	JUMPER WIRE	
J807	095G 90 23	JUMPER WIRE	
J912	095G 90 23	JUMPER WIRE	
J913	095G 90 23	JUMPER WIRE	
J916	095G 90 23	JUMPER WIRE	
J917	095G 90 23	JUMPER WIRE	
J918	095G 90 23	JUMPER WIRE	
J919	095G 90 23	JUMPER WIRE	
	715G3332 1	POWER BOARD PCB	
D807	093G 64 1152T PH	SWITCH DIODE 1N4148 BY PHILIPS	
D806	093G 64 1152T PH	SWITCH DIODE 1N4148 BY PHILIPS	
D903	093G 64 1152T PH	SWITCH DIODE 1N4148 BY PHILIPS	
D905	093G 64 1152T PH	SWITCH DIODE 1N4148 BY PHILIPS	
D906	093G 64 1152T PH	SWITCH DIODE 1N4148 BY PHILIPS	
D951	093G 64 1152T PH	SWITCH DIODE 1N4148 BY PHILIPS	
D971	093G 64 1152T PH	SWITCH DIODE 1N4148 BY PHILIPS	
IC971	056G 158 10 T	IC AS431AZTR-E1 TO-92	
FB902	071G 55 23	BEAD	
Q925	057G 420 3 T	TRA KTA1273-Y- AT/ P_TO-92L KEC	
J810	095G 90 23	JUMPER WIRE	
FB903	071G 55 23	BEAD	
FB901	071G 55 26 S	FERRITE CORE	
C822	065G 1K102 5T6213	CER CAP 1000PF K 1KV TDK	
R823	061G0805240 0F	RST CHIPR 240 OHM +-1% 1/8W	
R815	061G0805513	RST CHIPR 51K OHM +-5% 1/8W	
C915	065G0805471 32	470PF/50V/0805/X7R	
C919	065G080522131G	CAP CHIP 0805 220PF G 50V NPO	
C816	065G080515231J F	CAP CHIP 0805 1500PF J 50V NPO	
R985	061G0805362 JW	RST CHIPR 3K6 +-5% 1/8W WALSIN	
	Q01G6080 1	SCREW	
	Q11G5052 1	STRING	
	Q11T5043 5	PCB SUPPORT	
	Q36T 600 30 18	NONWOVEN FABRIC	
	Q36T 600 30 18	NONWOVEN FABRIC	
	Q40G 32061560A	RATING LABEL	
	Q40G000260020A	SIDE LABEL	
	Q40G000267351A	SA SERVICE LABEL	

	Q40G000361510A	POP LABEL	
	Q44GJ041101EPE	EPE	
	Q44GJ041201EPE	EPE	
	Q44GJ041301EPE	EPE	
	Q44GJ041401EPE	EPE	
	Q44GJ041615 1A	32" AOC TV CARTON	
	Q45G 77 5	PE PACKING	
	Q45G 99626 36	PE BAG	
	Q45T 99609 61	EPE COVER FOR MONITOR	
	Q50G 4 10	TIE	
	Q50T 500523	CABLE TIE	
	Q52G 1211824	AL TAPE	
	Q52T 1150522	TAPE_INSULATING	
	Q85G 583200 2 B	EMI PAD	
	040G 58162435A	P/N LABEL FOR MANUAL PE BAG	
	0Q1G 940 16 47 CR3	SCREW	
	Q41G320167332C	MANUAL	
	Q41G7830673 2A	QSG	
	Q41T780061532D	SA CENTER LIST	
	Q41T780067353B	WARRANTY CARD	
	Q45G 76 28NV2 R	PE BAG FOR CLAMP	
	Q45G2007M0102A	PE BAG FOR MANUAL	
E09501	095G801410D607	HARNESS 10P-6P+4P 650/800	
E09501	095G801410X607	HARNESS 10P-6P+4P 650/800	2nd source
	705TQ933J11	PLASTIC ASS'Y 32	
	P33T0132ADT 1L0100	KEY_FUNCTION	
	705TQ934J46	REAR COVER ASS'Y 32	
	0Q1G 930 10 47 CR3	SCREW	
	P15T0320101	BRACKET_VESA	
	P34T0301ADT 1A0100	COVER_REAR IO	
	P34T0304ADT 1A0130	REAR COVER 32	
	705TQ934J47	BASE ASS'Y	
	0Q1G 130 8120	SCREW 42A9930011	
	P15T0439201	BASE PLATE ASSY	
	P34T0305ADT 1L0133	BASE	
	P37T0087011	HINGE	
	Q12G6300 25 3	RUBBER	
	705TQ934J83	BEZEL ASS'Y 32	
	036T 600 18115	HIMELON	
	0Q1G 930 10 47 CR3	SCREW	
	P33T0135AFT 1C0100	LENS_IR	
	P34T0302ADT 1L0130	BEZEL TV32W-9C1-9C2	
	P34T0303ADTB1L0100	DECO	
	Q36T 600 18113	CLOTH_GRIDDING	
	Q36T 600 18114	CLOTH_GRIDDING	
	Q52G 3 81	3M DOUBLE FACE TAPE	
	705TQ949001	COMSUPTIVE ASS'Y-A4	