

Service
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Service Manual

Horizontal Frequency
31~68 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.)

1. General Specification

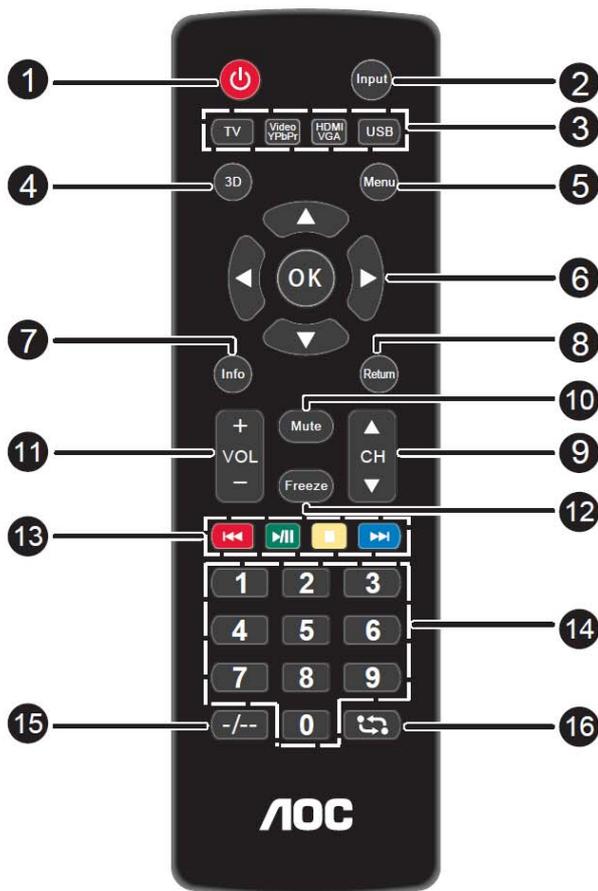
Model	LE23A6330/61	
Panel size	584mm diagonal	
Resolution	1920x1080	
TV system	PAL D/K,B/G,I;NTSC M	
Speaker	5W x 2	
Antenna impedance	75Ω	
Input voltage	100-240V AC,50/60Hz	
Power consumption	40W	
Standby power consumption	<1W	
Video/Audio terminals	Rear AV in x 1	
Component input	Rear Component: Y: 1V(p-p),75 ohm,including sync. Pr/Cr: ±0.35V(p-p),75 ohm Pb/Cb: ±0.35V(p-p),75 ohm AUDIO: 500mv (rms)	
HDMI input	HDMI INPUT:Rear HDMI x 2 HDCP compliant E-EDID compliant	
VGA terminals	VGA INPUT: Rear VGA (D-SUB 15Pin) Input x 1 E-EDID compliant Audio Input: Mini-jack for stereo (3.5Ø)	
USB input	USB input x 1	
Size (W x H x D) (with base and stand) (mm)	531 x 398 x 150	
Size (W x H x D) (without base and stand) (mm)	531 x 327 x 48	
Weight	3.6Kg (with stand and base) 3.3Kg (without stand and base)	
Wall mount size	75 x 75mm	
Wall-Mount accessory	Optional accessory and not included in standard package	
Operating conditions	Temperature Humidity Altitude	0°C to +40°C 10%~85% To 3,000m
Storage conditions	Temperature Humidity Altitude	-10°C to +50°C 5%~85% To 5,000m

Note:

1. Designs and specifications are subject to change without notice.
2. This model may not be compatible with features and/or specifications that may be added in the future.

2. Operating Instructions

2.1 The Use of Remote Control

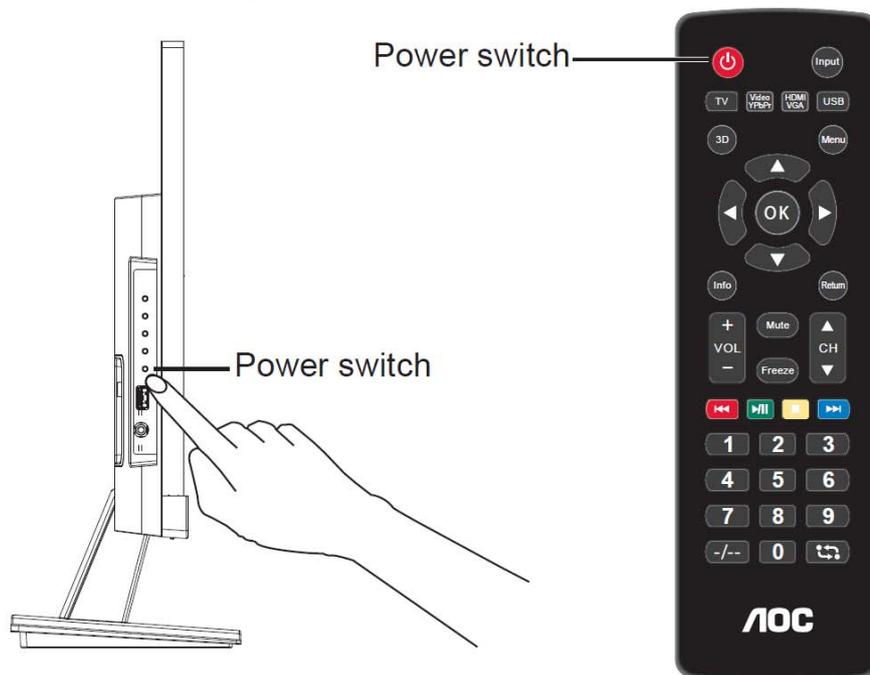


- 1. Power**
Press to turn the TV On and Off (Standby mode).
- 2. Input**
Press this key to select input sources.
- 3. TV, Video/YPbPr, HDMI/VGA, USB**
TV: Press to access TV source mode directly.
Video/YPbPr: Press repeatedly to choose Video or YPbPr source mode.
HDMI/VGA: Press repeatedly to choose HDMI1, HDMI2 or VGA source mode.
USB: Press to access USB multimedia source mode directly.
- 4. 3D**
No function.
- 5. Menu**
Press Menu key to display/close OSD menu.
- 6. ◀/▶/▲/▼/OK**
Press the up/down/left/right arrow keys to select available options.
Press the OK key to confirm your selection.
- 7. Info**
Press this key to display or close channel or program's information.
- 8. Return**
In USB multimedia source mode, press to go back to the previous menu.
- 9. CH ▲/▼**
Press "▲" to increase the TV channel. Press "▼" to decrease the TV channel.
- 10. Mute**
Press this key to mute/turn on your TV sound.
- 11. VOL + / -**
Press "+" to increase the TV volume. Press "-" to decrease the TV volume.
- 12. Freeze**
Press this key to freeze or unfreeze the screen. In USB "Picture Mode", press this key to capture current screen picture for Start Logo selection.
- 13. Red/Green/Yellow/Blue**
Red: Press this key to go to the previous photo/music/movie/text.
Green: Press this key to START/PAUSE playing photo/music/movie/text.
Yellow: Press this key to STOP playing photo/music/movie/text.
Blue: Press this key to go to the next photo/music/movie/text.
- 14. 0-9**
Press any number key among 0-9 to access desired TV channel.
- 15. -/--**
Press the key and input 1 to 3 numbers for fast access channels.
- 16. ↶**
Press to return back and display the previous channel or source.

2.2 To Use the Menus

Power On And off

Press the power button at your TV set or remote controller to power it on.

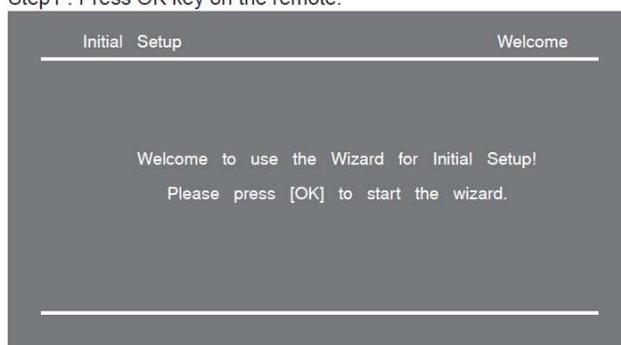


Reminder

1. Your TV set continues consuming powers at a very low consumption rate. When you will not use it for extended period of time, disconnect the power cable between the TV set and power socket.
2. When turning your TV set off with the power switch of your TV set, it enters the power saving mode and displays blue light. You can turn on your TV set only with its power switch.

Initial Setup

While turning on your TV for the first time TV displays Welcome window as in Figure below Follow the steps below to start Initial setup wizard.
Step1 : Press OK key on the remote.

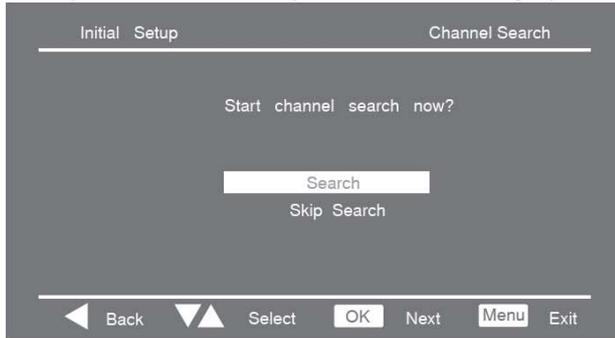


Step2 : TV pops-up window shown below prompting to select Menu Language.

By default English will be selected as Menu language to continue wizard press OK key on remote control or to select languages other than English press up/down arrow key and press Ok key. To exit from initial setup wizard press Menu key.



Step3 : TV pops-up window shown below prompting for Channel Search.
 If RF input is connected to TV select [Search] and press OK key to scan for VHF/UHF channels automatically.
 If RF input is not available to skip channel Search select [Skip Search] and press OK key.



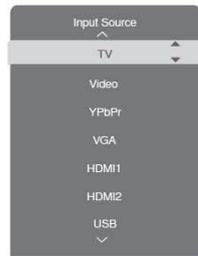
Step4 : Finally TV will prompt Congratulation window, press OK key on remote to complete initial setup and to exit the wizard.

Switch between input sources

You can select signal sources to your AOC TV set directly with your remote controller. You can also press the **Input** key in the display menu to select signal source.

- 1)) Directly select the input signal sources by using    
- 2)) Select signal source with the **Input** key:

1		Press the Input button to display source menu as shown below.
2		Press the ▲/▼ button to select desire input source. Input source contains: TV,Video,Ypbpr,VGA,HDMI1,HDMI2,USB. Press OK Key to change source.



How to select on screen Menu items

1		Press the Menu button to display main menu or return to previous menu
2		Press the ◀/▶ button to select required menu  icon for Picture setup,  icon for Audio setup,  icon for Channel setup,  icon for Setting setup and  icon for Child Lock setup.
3		Press the ◀/▶ and ▲/▼ button to select the desired menu item and then press the OK for entering into the sub menus. Follow sub-menu operations and the detailed description refer to the table under each settings description.

Note:Some options may be unavailable or hidden according to the different input source and configuration.

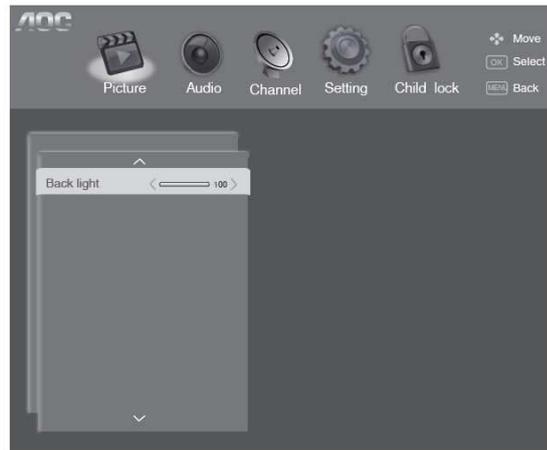
Picture Setup



Items	Description	
Picture Mode	Select picture mode Vivid,Standard,Movie,Mild,Sport,Game,Eco,Personal.	
Brightness	To brighten the dark parts of the picture.	
Contrast	Increases or decreases picture contrast.	
Color	To add or reduce Color.	
Tint	Video tint adjustment ,Can only select with NTSC signal.	
Sharpness	Video sharpness adjustment.Not available in VGA mode.	
Color Temperature	Select the color temperature mode Cool,Normal,Warm.	
Advanced Control	Noise Reduction	To filter out and reduces the image noise and improve picture quality.
	Backlight	Control the brightness of the backlight.
	DCR	Dynamic contrast ratio: Setup the contrast of the TV set to vary in accordance with the brightness and darkness of the TV set when it is set to on.
	DCC	Dynamic Color Control: Using DCC image on the LCD display become more vivid and superior color saturation. (Not supported in VGA source mode).

Note:Certain screen setups may be unavailable or have different options in accordance with the input sources.

Picture Setting(For VGA source only)



Items	Description	
VGA Setting	Auto Adjust	Press ► arrow Button to adjust the screen automatically to the optimal position of the picture.
	H.Position	Adjusts the horizontal position of the picture.
	V.Position	Adjusts the vertical position of the picture.
	Phase	Eliminate the horizontal interfering lines.
	Clock	Eliminate the vertical interfering lines.

Note:

- If the PC is connected to the TV and no signal has been input from the PC for more than 30 seconds, the TV enters the standby mode automatically.

Audio Setup



Items	Description
Audio Mode	select audio mode Standard,Music,Speech,Theater,Personal.
Balance	Adjust the balance between left and right speakers to adapt to your listening position.
Bass	Adjust the bass effect.(Increases or decreases lower-pitched sounds)
Treble	Adjust the treble effect.(Increases or decreases high-pitched sounds)
DSS	TV provides surround sound effect with rich bass and clear dialog when DSS effect is On.
AVL	Automatically reduces sudden volume changes,for example,when switching between the channels.

Channel Setup

This setup is available in TV mode only.



Items	Description
Sound	Select sound mode: Mono or Stereo. It is Mono by default for India region. Available only in TV source mode.
Auto Search	TV automatically searches for the channel in the available frequency band and stores sequentially.
Update Search	Updates your channel list by adding new/missed channels to the end of the list without disturbing previously stored channels.Consequently, it takes more time than Auto channel search.
Manual Search	Search for the channels manually and store it to the desired channel number. Enter the required channel frequency using or right/left arrow key or number key in [Start Frequency] and [End Frequency] window. Press up/down arrow key to select [Start Search] and press OK key to start manual search.
Channel Edit	Edit the selected channel, including channel swap, insert, delete.
Clear Channel List	Clear the channel list.

Note:Make sure you have connected RF signal cable before performing channel search.

Channel Edit description

1. Select Channel Settings menu.
2. Select Channel Edit and press OK key or ► arrow key to get channel edit menu.



Items	Description
Swap Channel	Press Red key on remote control to swap/interchange the channels. So that you can arrange tuned channels as per your requirements.
Insert Channel	Press Green key on remote control to insert/move the selected channel at the required channel number.
Delete Channel	Press Blue key on remote control to delete the selected channel from the channel list.

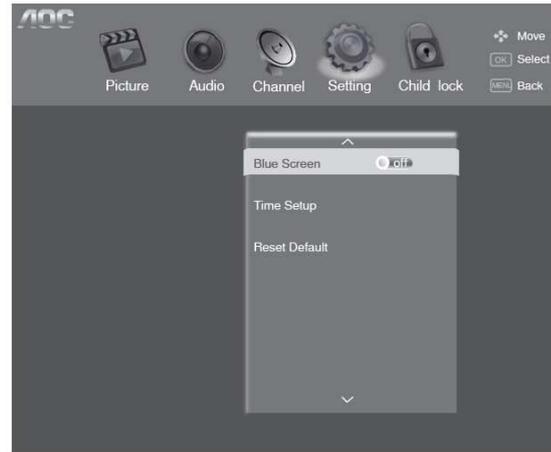
Note: If channel is deleted unexpectedly, to get back the deleted channels at the end of the channel list perform Update Search.

3. Select a channel and press OK to enter the edit sub menu.



Items	Description
Channel Number:	Shows the current channel number.
Channel Name:	Enter a name for the selected channel. Press OK key to get On Screen Key board. Channel Name can be a word of maximum 6 characters.
Frequency:	Change the frequency of the current channel.
Color System	Can be set as Auto, PAL, PAL_60, NTSC, NTSC_44, SECAM. Tips: Skip this step if your system setting is correct. India region: Auto or PAL must be selected as the color system.
Sound System	Can be set as D/K, M, B/G, I. Tips: Skip this step if your system setting is correct. India region: B/G must be selected as the sound system.
Auto Finetune	Automatic Frequency Control: Reduces the tuning error of a TV tuner by automatically fine tuning the TV tuner to desired channel.
Fine tune	Fine tune the frequency of current channel.
Skip	When Skip is On the current channel will be skipped while switching between channels using CH ▲/▼ keys. To watched the skipped channel press numeric key on remote control.
Save	TV will pop-up a window asking whether to save the changes made; select OK to save and exit, select Menu to exit without saving.

Features Setup



Items	Description
Menu Language	Select required OSD Menu Language. By default English is selected as Menu Language.
Zoom	Resize the aspect ratio of the picture for optimum viewing. Available formats : 16:9, 4:3, Zoom 1 and Zoom 2.
Menu Timeout	Set up the period of time that the OSD menu screen is to be displayed.(Off, 10,20,30,40,50,60 seconds).
Menu Transparency	Select an OSD menu transparency as Off, Low, Middle, High, by default OSD transparency is set to Low.
Start Logo Select	Start Logo Select can be set to Default, None or Capture.
Power On Status	Select desired TV turn on condition, when AC power switch is turned on. Standby: TV will be in stand by condition and can be turned on by press Power key on remote control. Power On: TV will turn on as soon as AC power switch is turned on. Keep Last Status: TV will turn on as per the last power on settings.
Freeze Switch	When the Freeze Switch is On, picture is frozen while changing the channel.
Blue Screen	To select the transition type required while changing from one channel to another. Select Off : Blank signal will appear while changing the channel. Select On : Blue screen will appear while changing the channel.
Time Setup	Time Date : Enter TV date in year, month and date format YYYY/MM/DD. Default date is 2000/01/01 Time : Enter desire TV time in hour, minute and second format HH:MM:SS. Default time start from 00:00:00. Power On Timer : Turn on TV from standby mode with pre-defined channel/source at specified time automatically. On : TV will turn on daily at specified time with specified channel / source. Once : TV will turn on only once at specified time and channel/source and resets to Off. Power Off Timer : Turn off the TV at the specified time. On : TV will turn off daily at specified time. Once : TV will turn off only once and resets to Off. Note: Date and time will be reseted to default if AC power is turned off. Power On Timer will work only when TV is in standby mode.
	Sleep Timer Set a time period after which the TV will be turned off and enter stand by mode. Sleep timer can be set to Off,10,20,30,40,50,60,90 & 120 minutes.
Reset Default	You can restore the factory default video and sound settings of your TV. The channel installation settings and Child lock remains the same.

Note:Certain screen setups may be unavailable or have different options in accordance with the input sources.

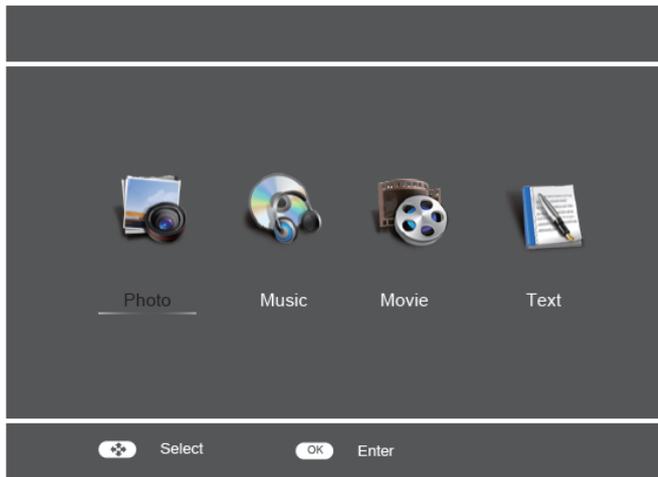
Child Lock Setup

Child lock menu can be accessed by entering 4 digit password through remote control. Initial password is 0000.



Items	Decription
Block Program	Lock the unwanted channels, so that you can restrict the children to watch unsuitable TV programs.
Input Block	Allows you to block individual video inputs like TV, Video,YPbPr, VGA, HDMI1, HDMI2 inputs. USB input cannot be blocked.
Keypad locked	It is used to lock the key pad provided at the side of the TV. If it is set to On, TV cannot be operated by side keys except power key.
Change Password	You can change the password to any 4-digit number of your choice. A super password 3448 is pre-defined to enter into child lock setup function in case you have forgotten the password.
Clear All	Reset all Child Lock Menu selection except Password.

USB Media Center



TV USB port can be used to view photos, play music and Movie files, and read text present in USB devices.

Entering to USB Media:

Press USB key on remote to get USB Media menu as shown above

Or Press the **Input** key and **▲/▼** keys on remote and select USB source to get USB Media menu as shown above.

Select the **Media type (Photo/ Music/ Movie/ Text)** to be viewed and press **OK** key to enter into USB Media and When USB drive is detected by the TV, USB drive is displayed as a folder on the screen as shown below. Press OK key to view subfolder or files in the USB drive.

Note: * Files of selected Media type can only be viewed through USB. Media type can be any one among Photo / Music / Movie / Text.



After entering the multimedia file selection interface, press the **Menu** button allows you to execute the following control functions:

1. [Sort]: Sort the multimedia files according to Date or Name.
2. [Media Type]: Select the multimedia file type to playback.
3. [Thumbnail Size]: Select the size of the multimedia file thumbnail.
4. [Copy]: Select the multimedia files to copy.
5. [Paste]: Paste the copied multimedia file.
6. [Delete]: Delete the selected multimedia file.

Viewing Photos

1. Thumbnail of the available images will be displayed on the screen. If no images are displayed then select the folder containing the Photos .
2. Select particular image and press OK key to display it in full screen.
Slide show starts automatically when image is viewed in full screen.
3. Press  key to play/pause slideshow. Press   to view previous or next image. Press  key to stop slideshow

USB menu settings for Photo Slide show



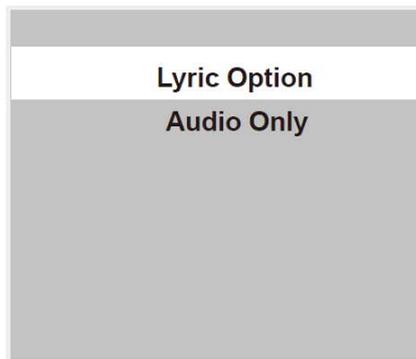
Press Menu key to get following Menu setup shown above.

- 1.[Play/Pause]:Play/Pause photo play.
- 2.[Repeat] : Select the repeat mode as None,Repeat One,Repeat All.
- 3.[Shuffle]:Select Shuffle mode as Shuffle Off,Shuffle On.
- 4.[Rotate] : Rotate the select photo by 90° clock wise direction.
- 5.[Zoom]:Allows you to zoom in on the screen when the playback is paused.
- 6.[Show Info] : Display the information of the file.

Playing Music files

1. Thumbnail of the available music files will be displayed on the screen. If no files are displayed then select the folder containing the music files.
2. To play particular music file select the required file and press OK key.
3. Press  key to play/pause music. Press   to play previous or next music. Press  key to stop Music play.

USB menu settings for Music play



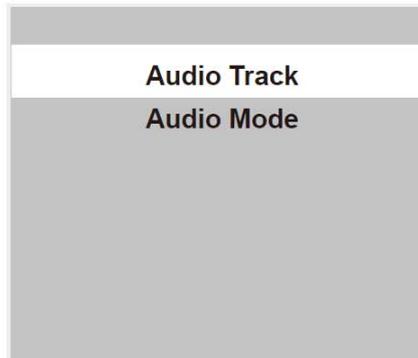
Press Menu key to get following Menu setup shown above.

- 1.[Play/Pause]:Play/Pause music play.
- 2.[Repeat] : Select the repeat mode as None,Repeat One,Repeat All.
- 3.[Shuffle]:Select Shuffle mode as Shuffle Off,Shuffle On.
- 4.[Show Info] : Display the information of the file.
- 5.[Show Spectrum/Hide Spectrum]:select show or hide Spectrum.
- 6.[Audio Mode]: Select the sound mode as Standard,Personal, Music,Speech,Theater.
- 7.[Lyric Option]: Select on or off to turn on or off lyric display.
- 8.[Audio Only] : Select it to turn off display and to get only sound from TV.

Playing Movie files

1. Thumbnail of the available movie files will be displayed on the screen. If no files are displayed then select the folder containing the movie files.
2. To play particular movie file select the required file and press OK key.
3. Press  key to play/pause movie . Press   to play previous or next movie. Press  key to stop movie play.

USB menu settings for Movie play



Press Menu key to get following Menu setup shown above.

- 1.[Play/Pause]:Play/Pause movie play.
- 2.[Repeat] : Select the repeat mode as None,Repeat One,Repeat All.
- 3.[Show Info] : Display the information of the file.
- 4.[Picture Mode]: Select the picture mode as Vivid,Standard,Movie,Personal,Eco,Sport,Game,Mild.
- 5.[Zoom]:Select the screen mode as 4:3,Zoom 1,Zoom 2,16:9.
- 6.[Subtitle]:Select the subtitle mode of the movie.
- 7.[AudioTrack]:Select the track mode of the audio.
- 8.[Audio Mode]:Select audio mode Standard,Personal,Music,Speech,Theater.

Reading Text files

1. Thumbnail of the available text files will be displayed on the screen. If no files are displayed then select the folder containing the text files.
2. To read particular text file select the required file and press OK key.
3. Press ▲/▼ keys to browse the text. Press Stop key to stop text read.

USB menu settings for text read



Press Menu key to get following Menu setup shown above.

- 1.[Play/Pause]:Play/Pause text read.
- 2.[Repeat]:Select the repeat mode as None,Repeat One,Repeat All.
- 3.[Shuffle]:Select the shuffle mode as Shuffle Off,Shuffle On.
- 4.[Show Info]: Display the information of the file.

Formats supported to multimedia mode: Photo, Music, Movie and Text.

	Format	Resolution	Type	Note
Photo	JPEG	Base-line:15360 x 8640 Progressive:1024 x 768	Base-line Progressive	
	bmp	9600 x 6400		
	png	9600 x 6400		

	Format	Sample Rate	Date Rate	Channel
Music	MP3	32KHz-48KHz	32Kbps-320Kbps	Mono/Stereo

	Format	File Extension	Codec	Data Rate
Movie	Real media	.RM/.RMVB	RealVideo 8/9	20Mbit/sec
	MPEG1/2	.DAT/.MPG	MPEG-1/2 Video	20Mbit/sec
	MPEG4	.AVI /.MP4	H.264	20Mbit/sec

	Format			Note
Text	txt			

Remarks:

1. USB interface of digital multimedia player is not all-purpose. So when some USB devices could not be recognized, the problem is usually not the performance failure but due to device driver.
2. Because USB devices and memory capability are different, the time needs for multimedia player to read information are also different. So the information reading speed of the player temporarily getting slow are not the performance failure.
3. The voltage supplied to USB interface is 5V, and the most electrical current is 500mA. When some interface criteria of USB devices are different from standard USB protocol, digital multimedia player may be unable to recognize USB devices correctly, which is normal status.
4. USB could be used as an interface to update software.
5. If some files source could not play because of the parameter decoding-limitation, the problem is not performance failure.
6. The system only applies to memory medium with FAT32 and NTFS format.
- 7.Does not support connecting of removable devices to the USB hub.
8. Does not support displaying of subtitles of video files with subtitles.
9. Does not support thumbnail display of png and Bmp format images.
10. The USB device does not support copying and pasting for NTFS system.

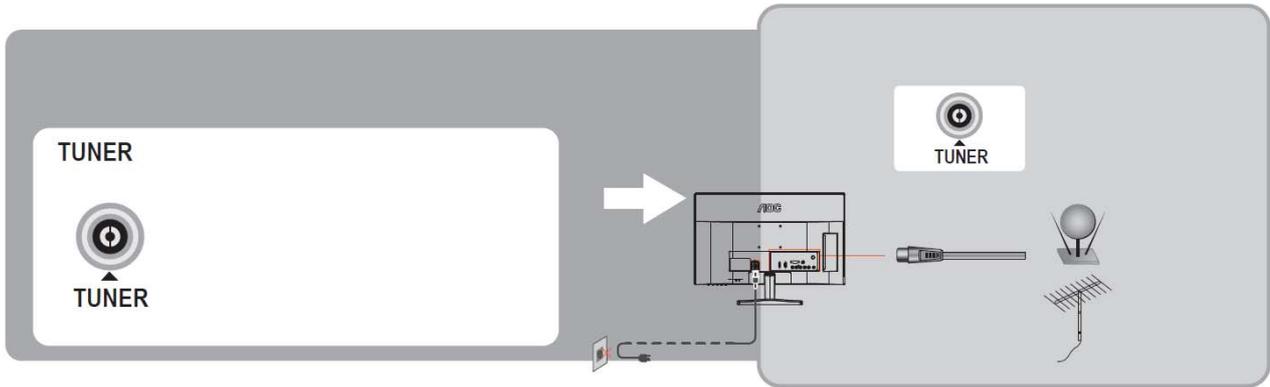
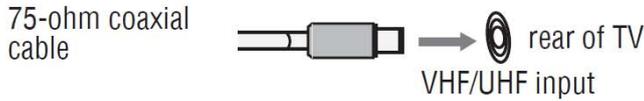
2.3 How to Connect

Cable System or VHF/UHF Antenna System

You can enjoy standard-definition and high-definition digital programming (if available in your area), along with standard-definition analog programming.

It is strongly recommended that you connect the antenna/cable input using a 75-ohm coaxial cable to receive optimum picture quality. A 300-ohm twin lead cable can be easily affected by radio frequency interference, resulting in signal degradation.

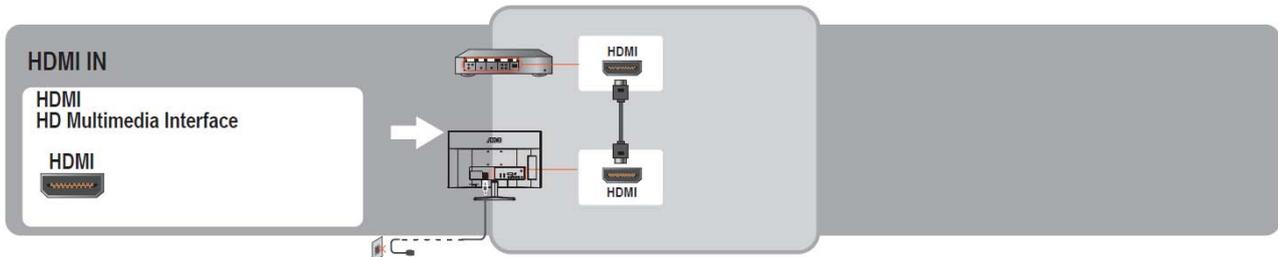
Cable or VHF/UHF(or VHF only)



High Definition Interface

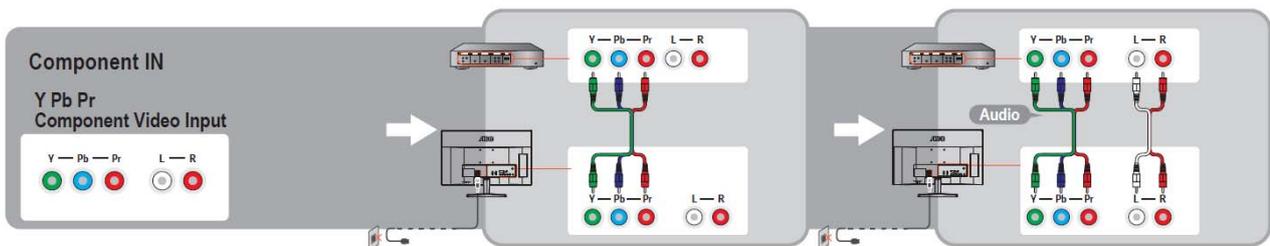
You can enjoy high-definition programming by subscribing to a high-definition cable service or a high-definition satellite service. For the best possible picture, make sure you connect this equipment to your TV via the HDMI or component video (with audio) input on the back of your TV.

HDMI Connection

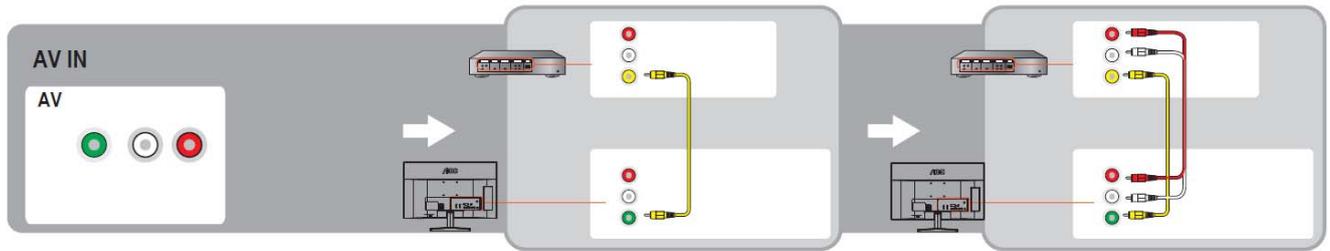


If the equipment has a DVI jack and not an HDMI jack, connect the DVI jack to the HDMI IN (with DVI-to-HDMI cable or adapter) jack and connect the audio jack to the PC AUDIO IN jacks.

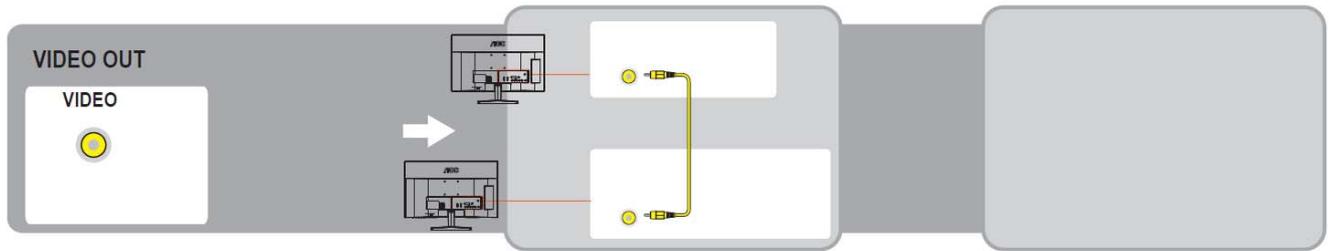
Component Signal Connection



Composite Signal Connection

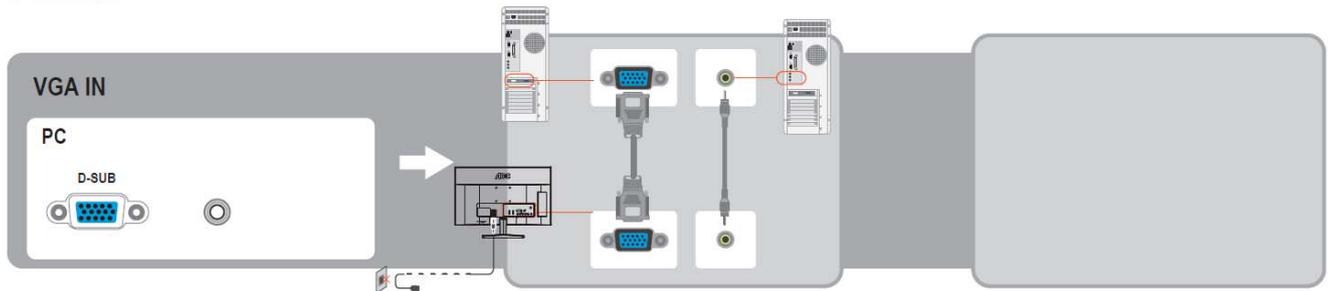


Video Out Signal Connection



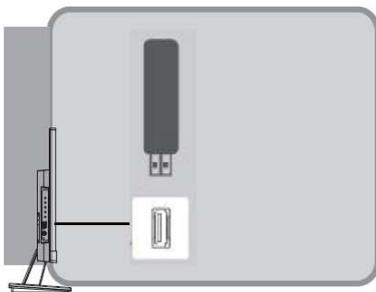
PC Connection

Use the TV as a monitor for your PC shown below with the HD15 to HD15 connection. This TV can also be connected to a PC with DVI or HDMI output.

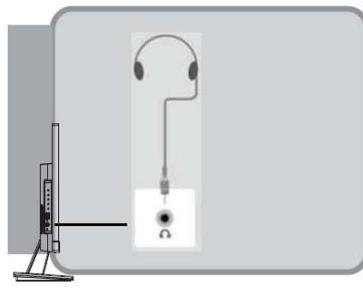


- Connect the PC IN jack to the PC using the HD15- HD15 cable with ferrite core (analog RGB) and audio cable.
- If the PC is connected to the TV and no signal has been input from the PC for more than 30 seconds, the TV enters the standby mode automatically.

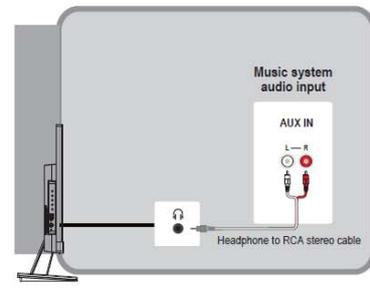
Connecting USB drive



Connecting Earphone

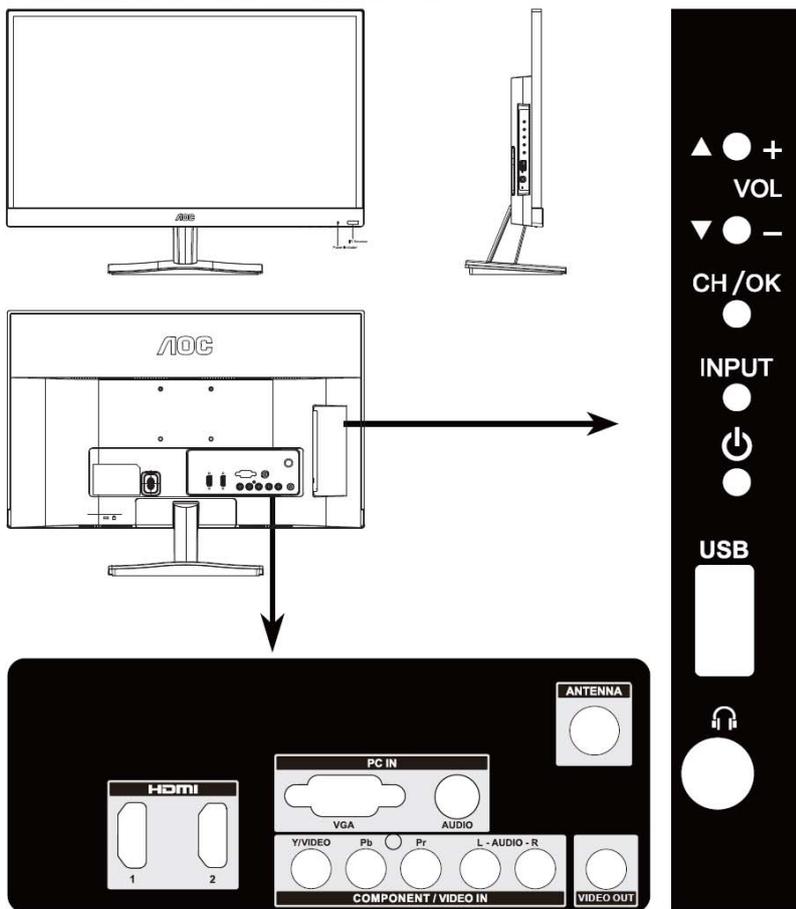


Connecting Earphone out to Music system (optional)



2.4 Front Panel Control Knobs

Controls & Connections



Controls

Item	Description
1. Volume +/-	When there is no OSD on the screen , Press to increase or decrease the sound volume level. When the channel information is show on the right-up of screen, Press to select previous or next program.
2. CH/OK	Press to show the channel information and select next program.
3. INPUT	Press to select the input source.
4.  (Power)	Switch the power on/standby or off. The product is not powered off completely unless it is physically unplugged.

Connections

Item	Description
HDMI Input	The HDMI (High-Definition Multimedia Interface) connector provides uncompressed, all-digital audio/video data transmission between TV set and any HDMI audio/video devices, such as a set-top box, DVD player, Blu-ray player or A/V receiver and an audio and/or video monitor, such as a digital television (DTV), over a single cable.
PC VGA IN(RGB)&PC Audio IN	It is used to Connect the video output port of a personal computer with a 15 pin D-sub (Analog RGB) VGA cable. It can be connected to other simulated RGB devices. Connect separate audio cable between PC and TV to get sound. Please refer to "Reference Table for computer input signal" for signals that can be displayed.
COMPONENT/VIDEO IN	Connect a component video (YPbPr) / audio (L/R) and AV(Audio/Video) device to these jacks. Component provides better picture quality than the composite video connections.
Antenna/Cable input	The RF input is for connecting to the cable or VHF/UHF antenna.
USB	Connect USB storage device to enjoy Photos,Music,Movie and Text.
EARPHONE	For connecting the headset. If it does not fit with your headset please get proper adapter (not provided). The loudspeaker of your TV set is muted after a headset is connected.
VIDEO OUT	For connecting the Composite Video signal of the TV to other display devices as their source signal.

3. Input/Output Specification

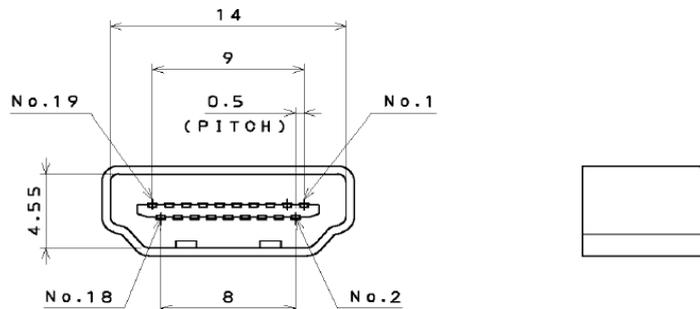
3.1 RGB Signal Input



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 Compatible Mode Table

Connect a computer to your TV set and set up the computer output signal in accordance with table below.

Default computer mode				
Item	Resolution	Horizontal Frequency (kHz)	Vertical Frequency(Hz)	
1	640 × 480	31.469	59.94	
2	800 × 600	37.879	60.317	
3	1024 × 768	48.363	60.004	
4	1360 × 768	47.72	59.799	
5	1920 × 1080*	66.587	59.934	

*Recommended resolution

DVI/ PC HDMI Input Signal Reference Table

1. When DVI port is being used: connect the DVI port of video device to your TV set with a DVI-to-HDMI line and set up the output signal of the video device in accordance with table below.
2. When HDMI port is being used: connect the HDMI ports of your computer and TV set with one HDMI wire and set up the output signal of the video device in accordance with table below.

Default HDMI Mode				
Standard	Resolution	Horizontal Frequency (kHz)	Vertical Frequency(Hz)	
1	640 × 480	31.469	59.94	
2	800 × 600	37.879	60.317	
3	1024 × 768	48.363	60.004	
4	1360 × 768	47.72	59.799	
5	1920 × 1080*	66.587	59.934	

*Recommended resolution

Video Input Signal Reference Table

1. Connect the component signal or HDMI port of video device to your TV set and set up the output signal of the video device in accordance with table below.
2. If your computer display card supports signals of video format then you can set up following output signal.

Default Component or HDMI Mode				
Standard	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	
SD	720 × 480p	31.5	60	
SD	720 × 576p	31.25	50	
HD	1280 × 720p	37.5	50	
HD	1280 × 720p	45	60	
HD	1920 × 1080i	28.125	50	
HD	1920 × 1080i	33.75	60	
FHD(22"/24")	1920 × 1080p	56.25	50	
FHD(22"/24")	1920 × 1080p	67.5	60	

Video System Supported in TV and Video Modes

PAL D/K B/G I ; NTSC M

Standard Definition Interface

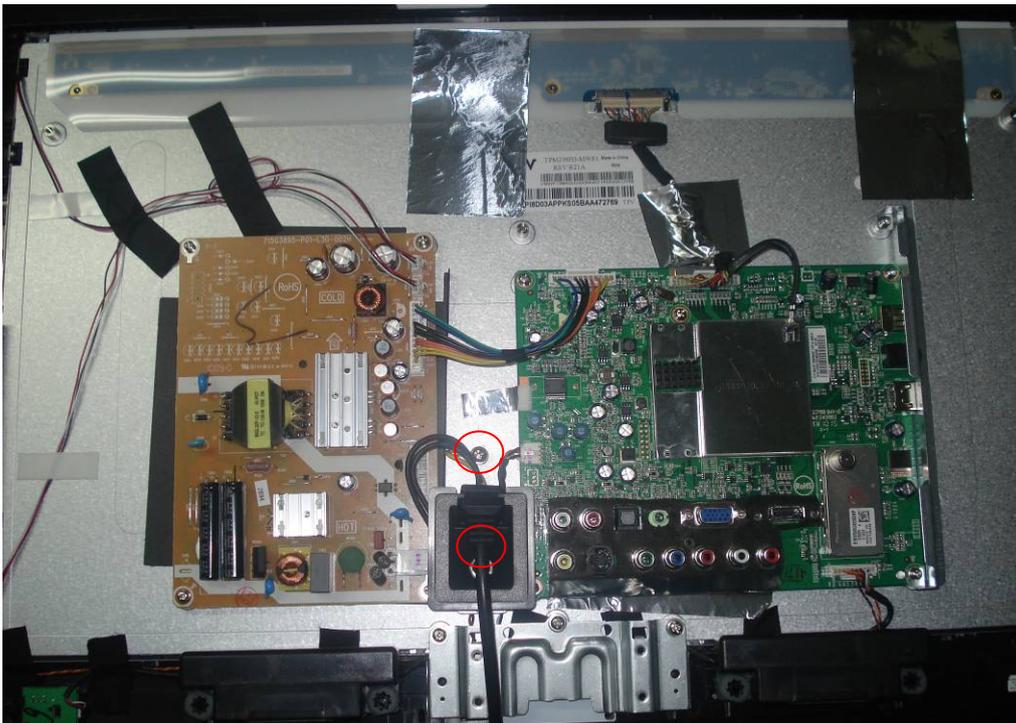
You can also enjoy traditional program by using a DVD player or VCR Player. Connect this equipment to your TV via the Composite Input on the back of your TV.

4. Mechanical Instructions

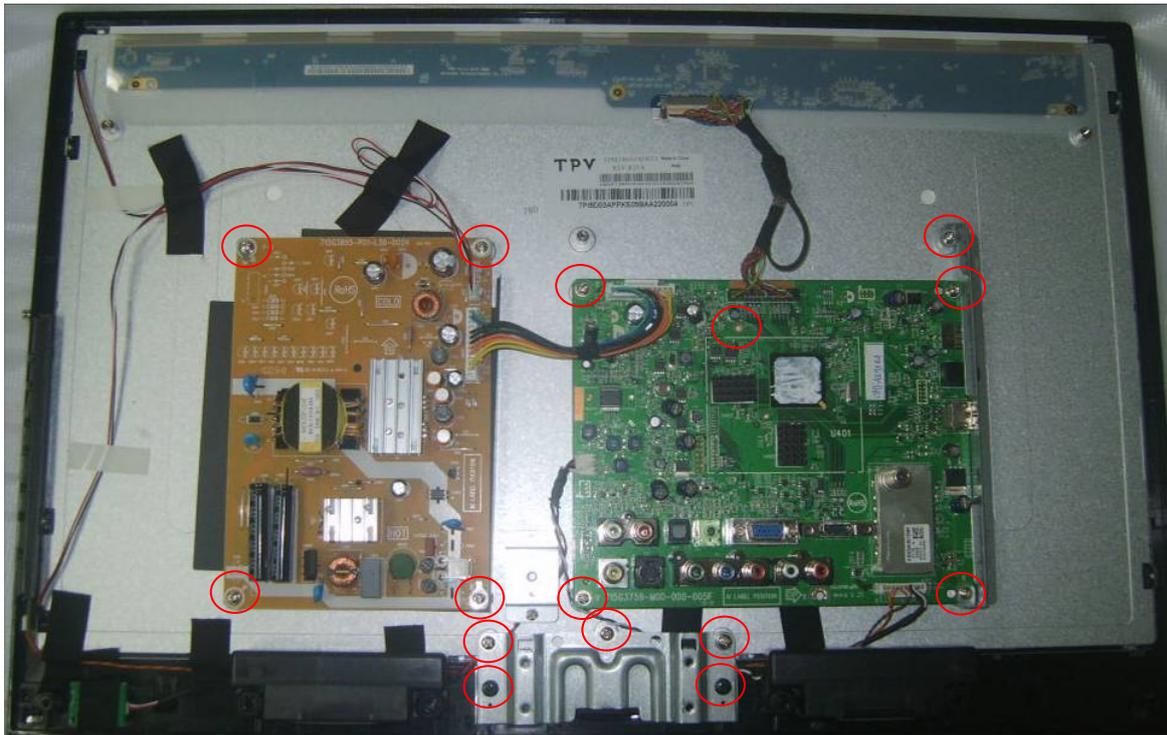
1. Remove the screws to remove the stand, base and rear cover.



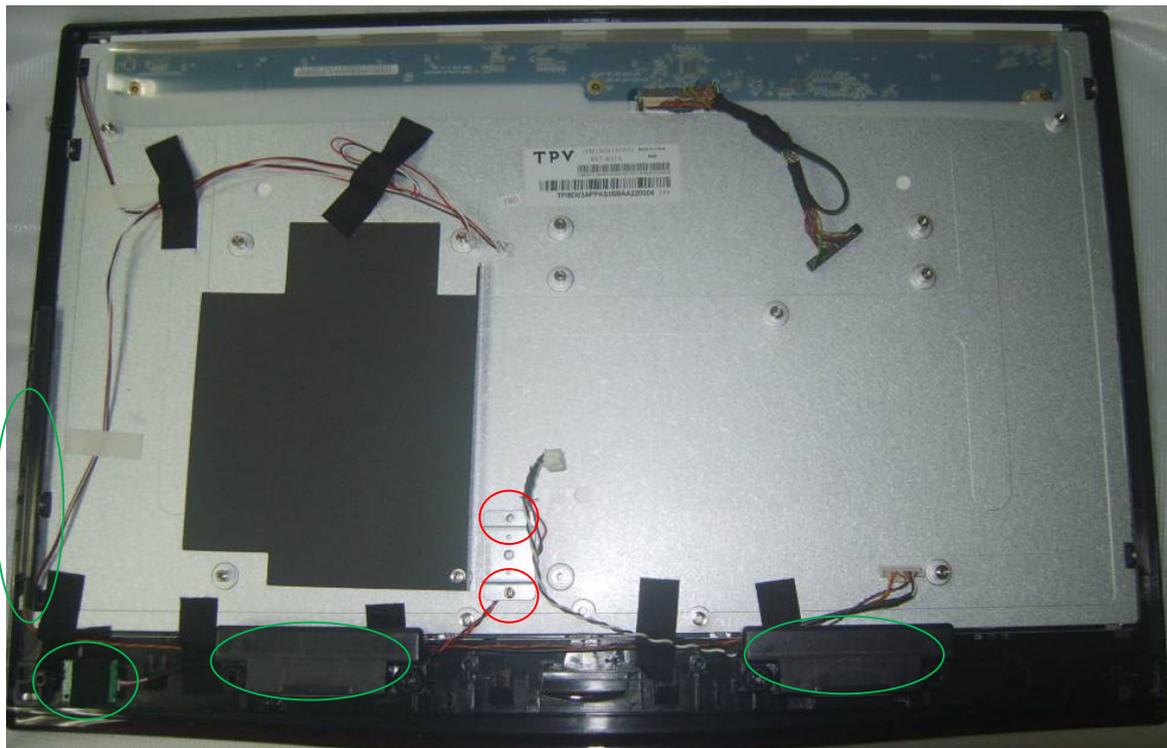
2. Remove the screws to remove AC cover.



3. Remove the screws to remove main board, power board and hinge BKT.

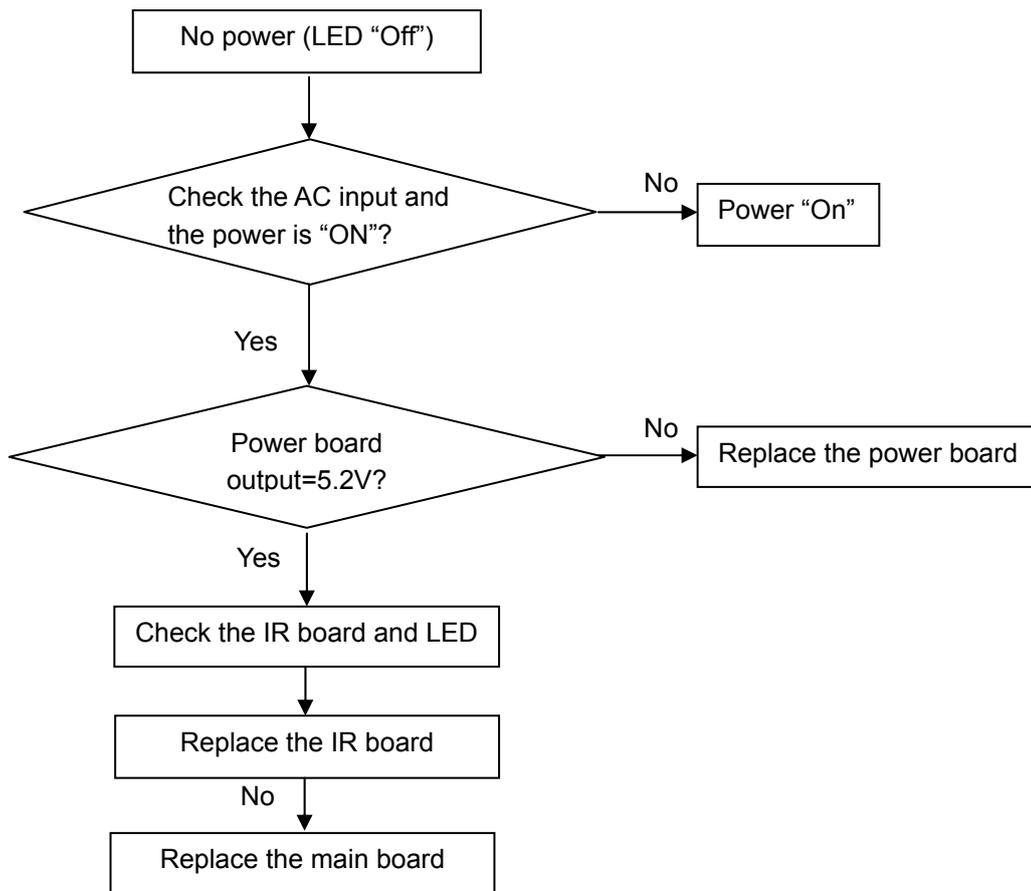


4. Remove the screws to remove AC BKT, key board, IR board and speakers.

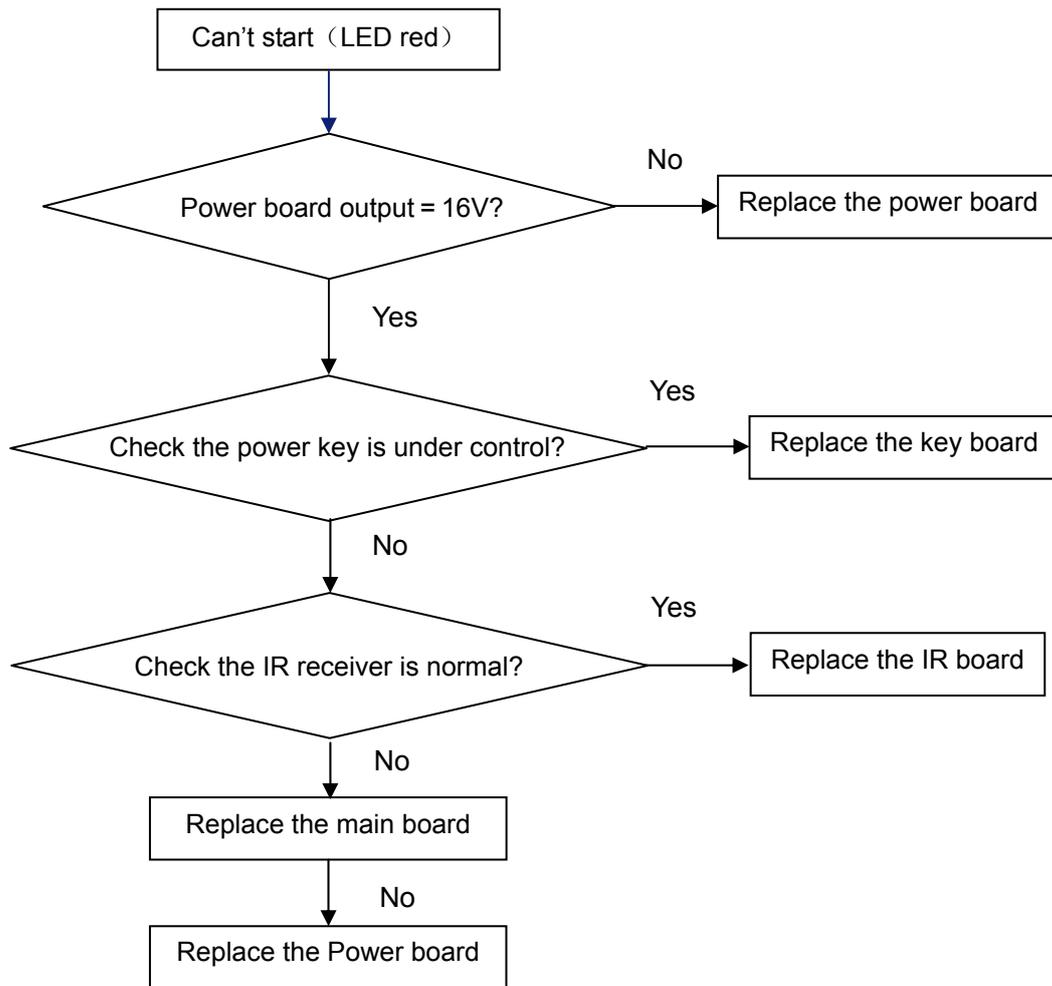


5. Repair Flow Chart

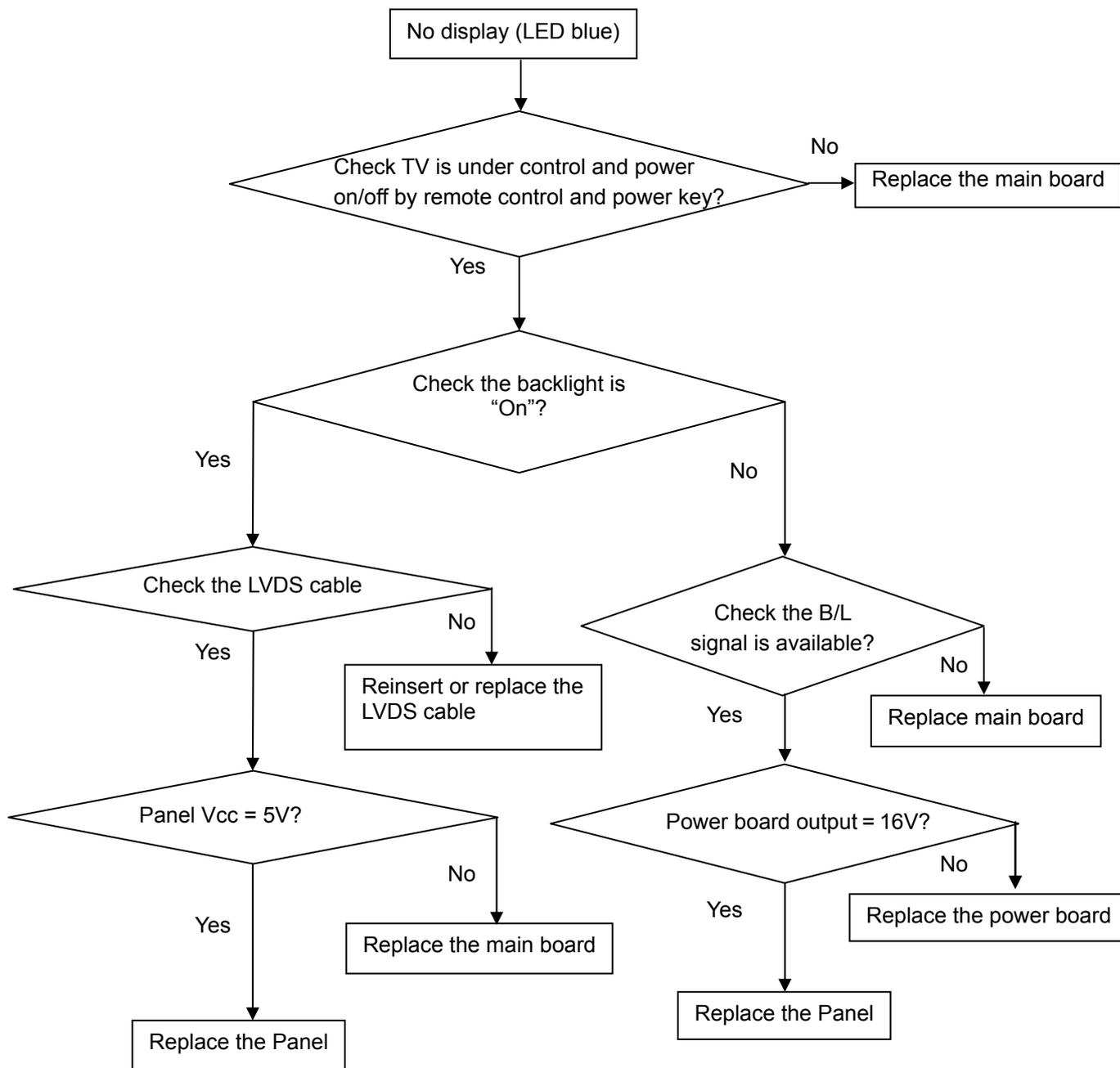
1. No power



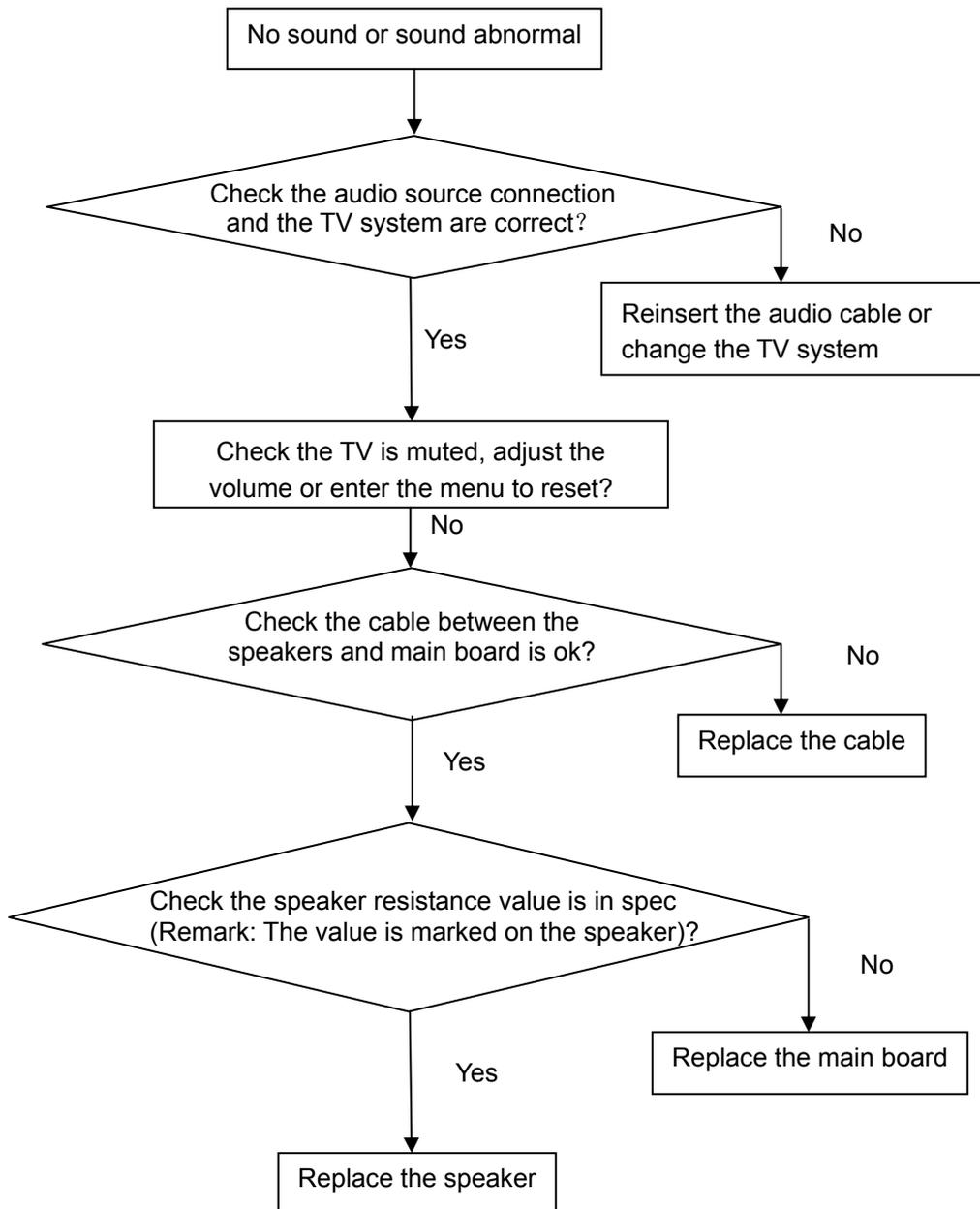
2. Can't start



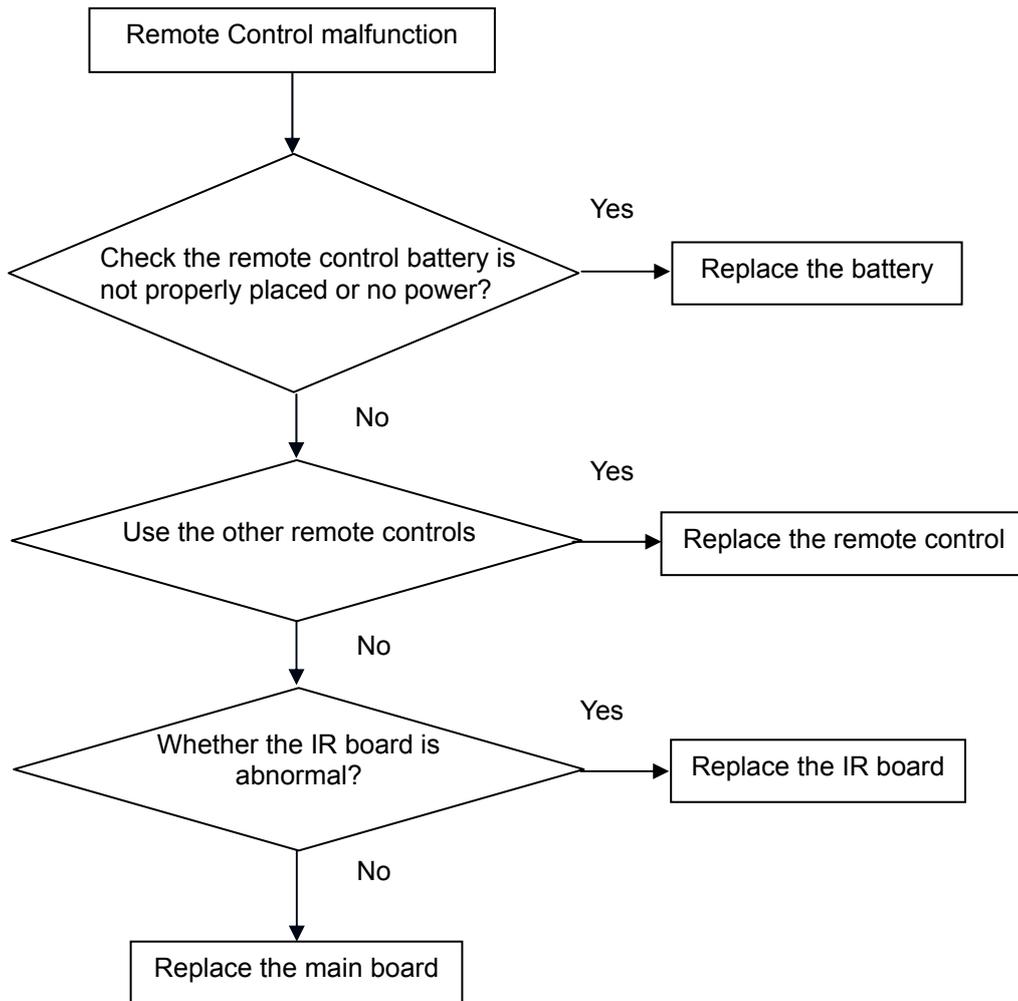
3. No display



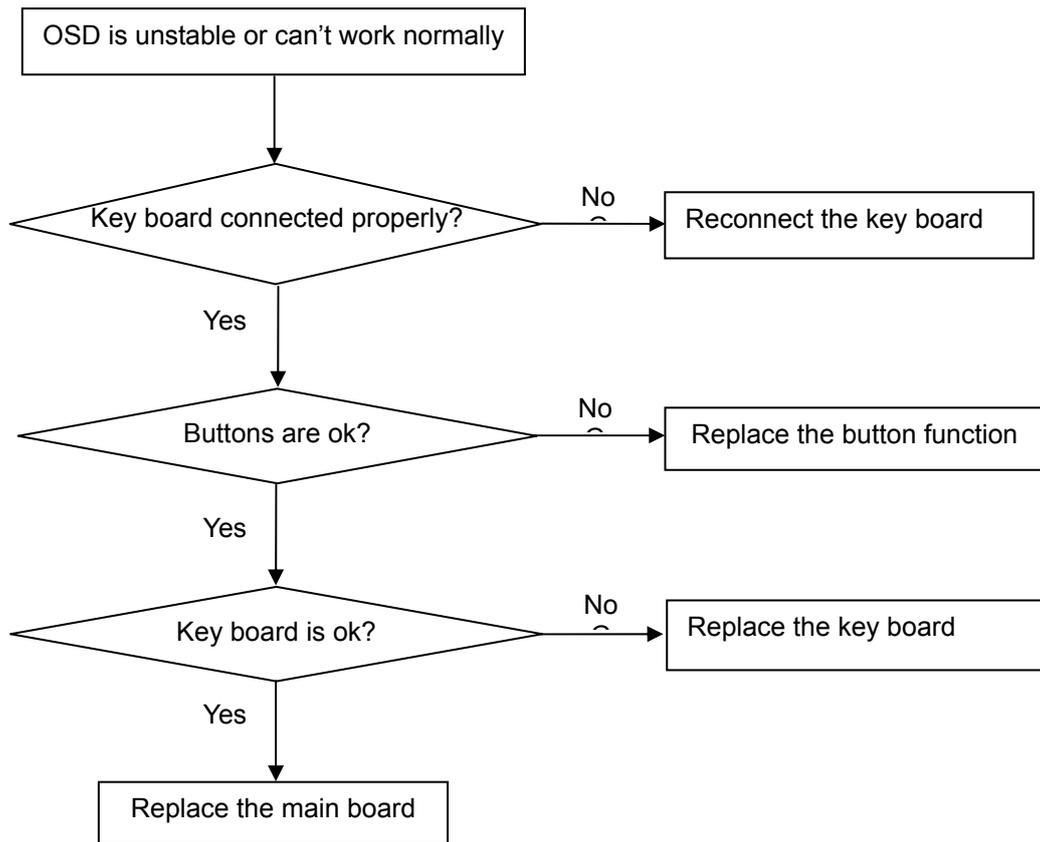
4. Sound problem



5. Remote control malfunction



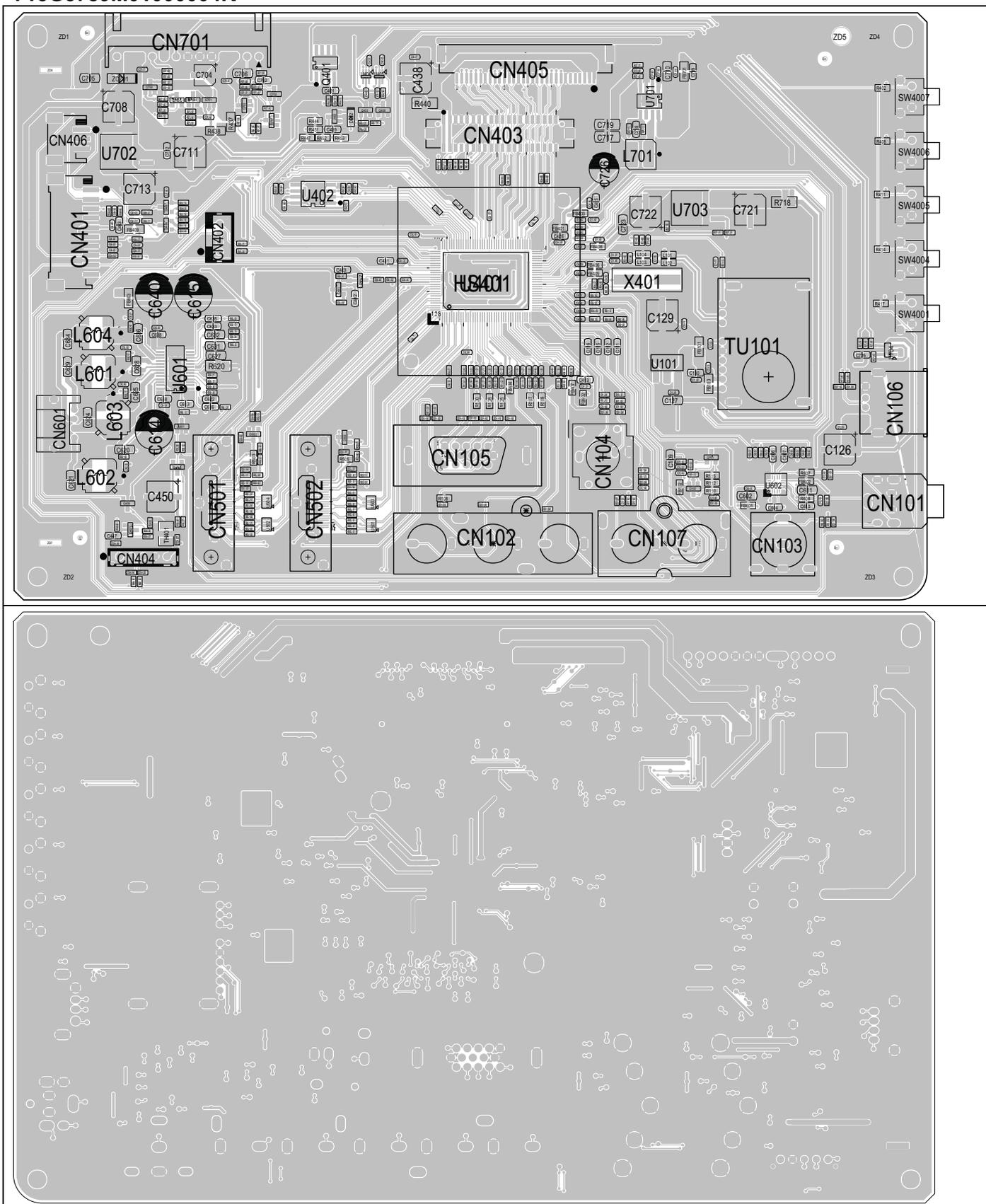
6. OSD is unstable or can't work normally



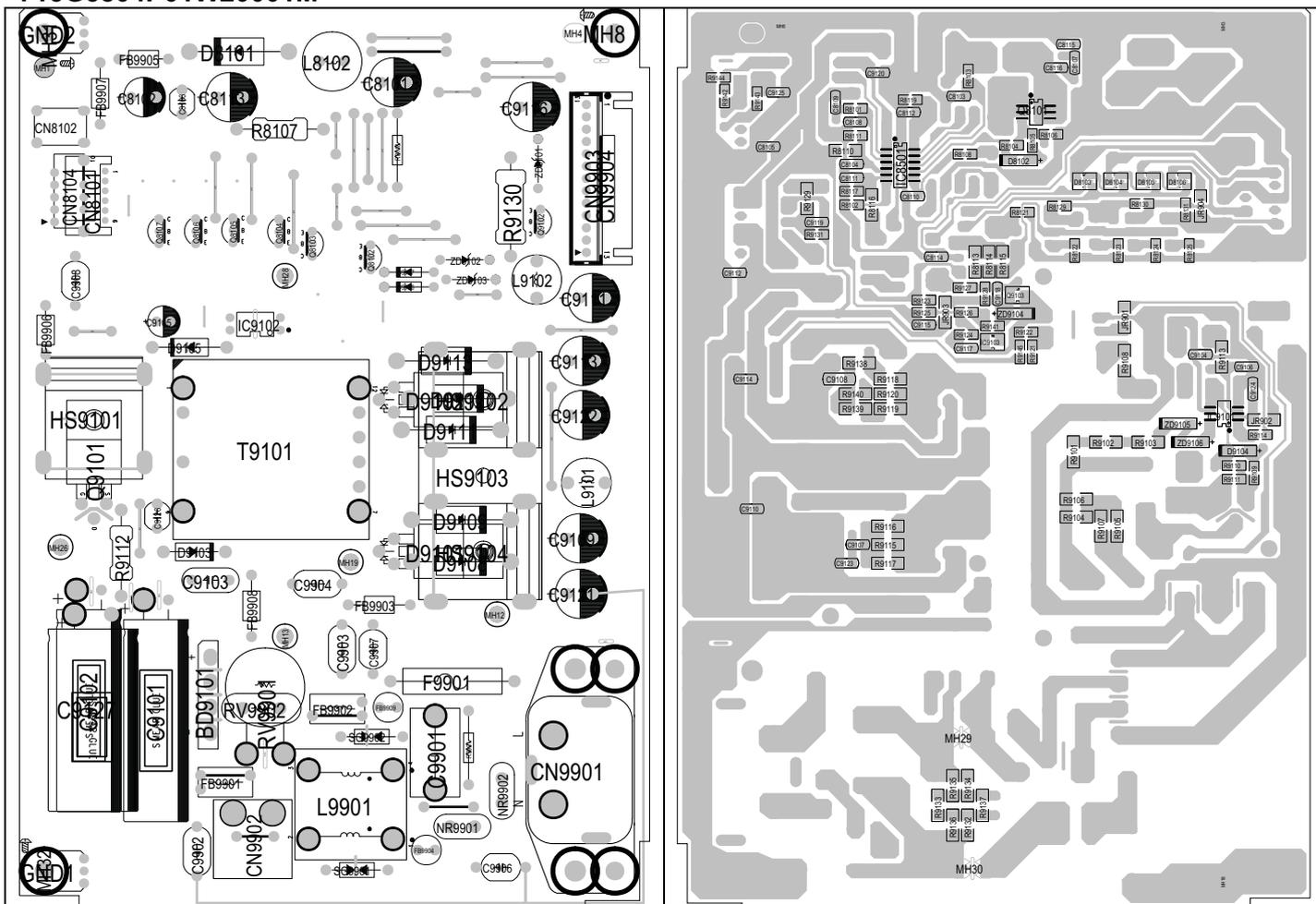
6. PCB Layout

6.1 Main Board

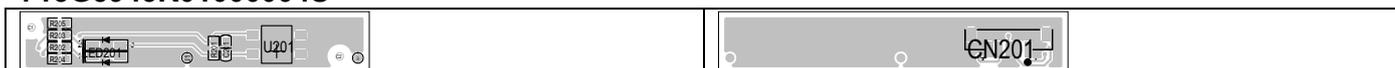
715G5789M01000004K



6.2 Power Board 715G5804P01W20001M



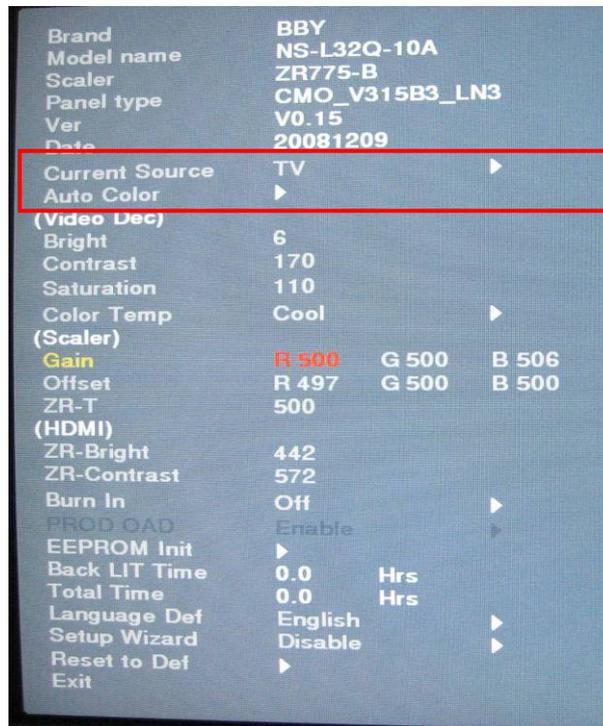
6.3 IR Board 715G5943R01000004S



7. Adjustment

It's no need to adjust the white balance for this model, do ADC only.

Step1: Turn on the TV, press "Menu", then press number key 1 → 9 → 9 → 9 and "ENTER", it will achieve the factory mode. **Take the following picture for example:**



Step2: Change TV, press the "Current Source" to Component mode and change signal to 1080i mode, press the "Auto Color";

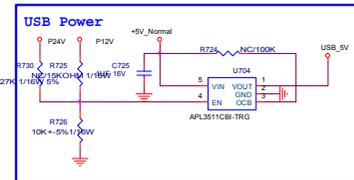
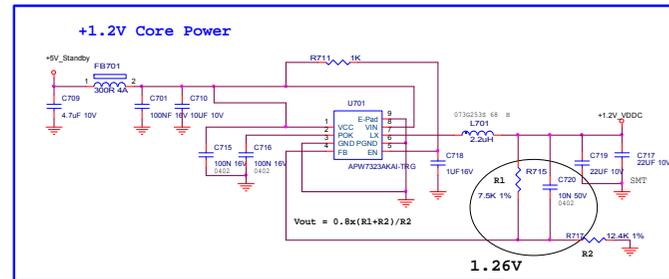
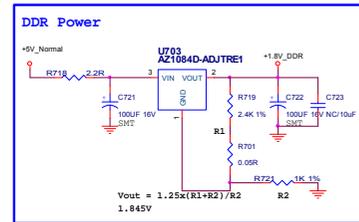
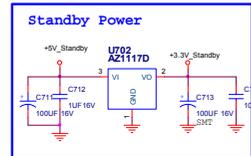
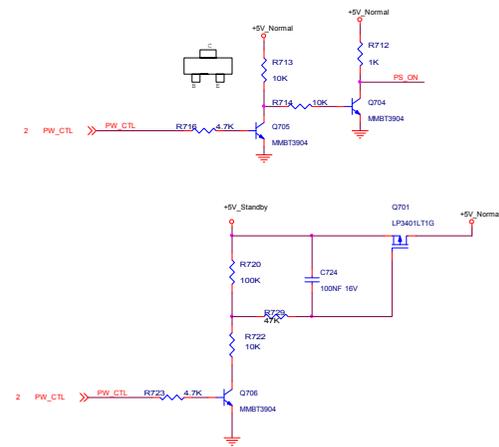
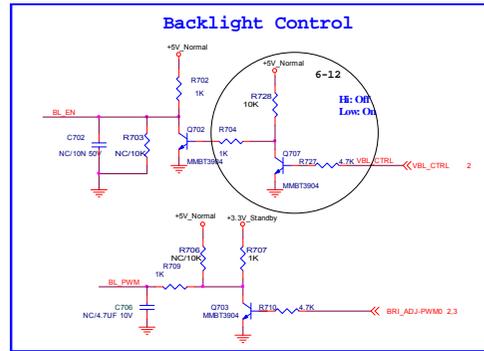
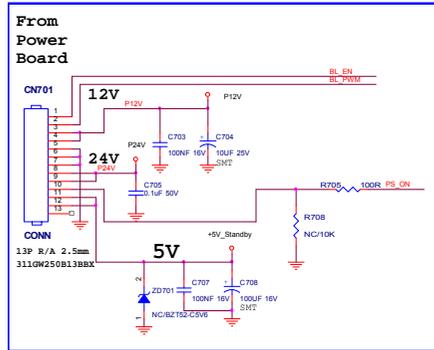
Step3: Change TV, press the "Current Source" to PC mode and change signal to PC TIMING 137(1024X768); Pattern 147 (16 Grays), press the "Auto Color".

9. Schematic Diagram

9.1 Main Board

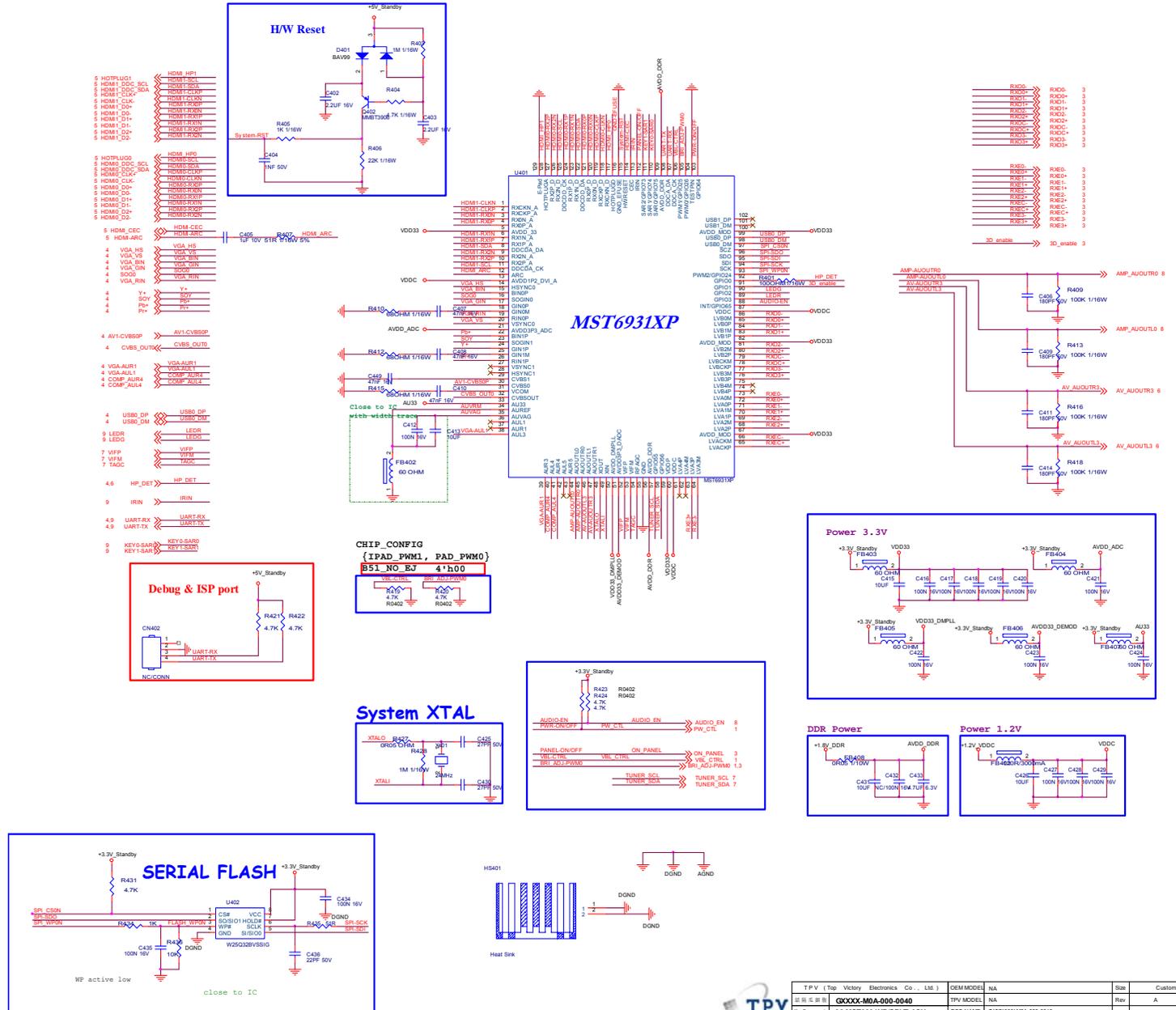
715G5789M01000004K

POWER



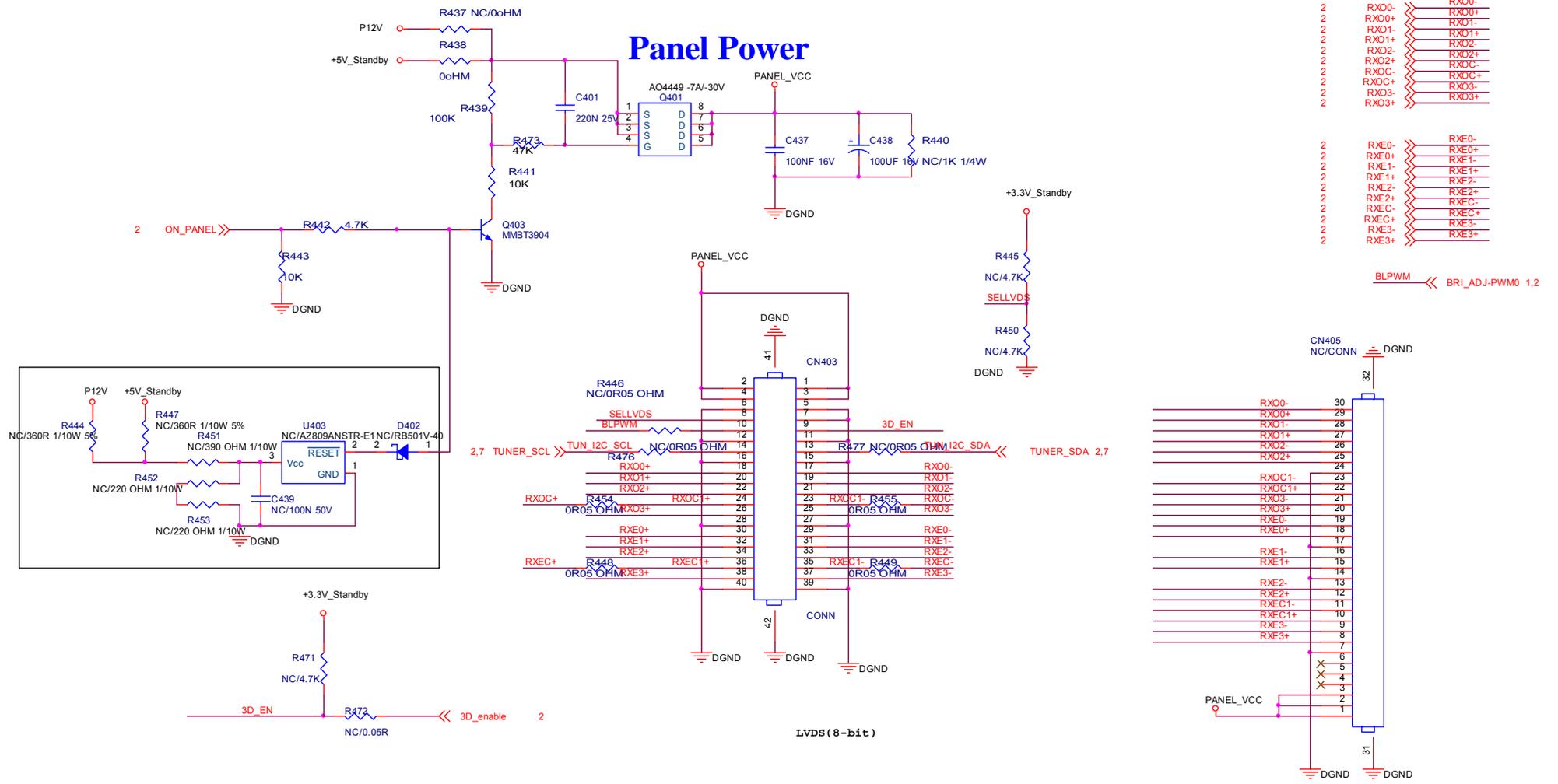
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頂捷電子	TPV MODEL	NA	Rev	A
01-Power	PCB NAME	715G3000M0A-000-0040	Sheet	1 of 0
Date	Modify	September 24, 2012		

MST6931XP/SPI FLASH



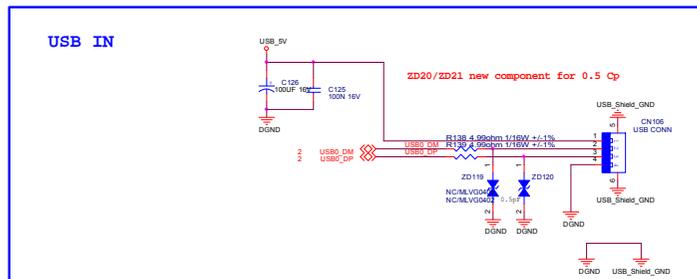
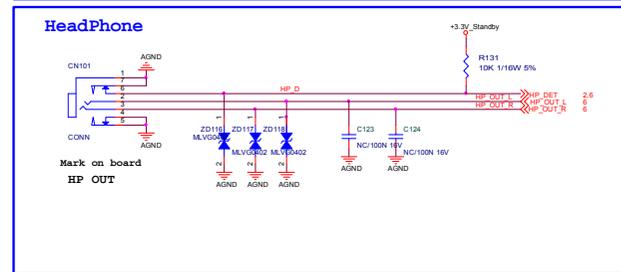
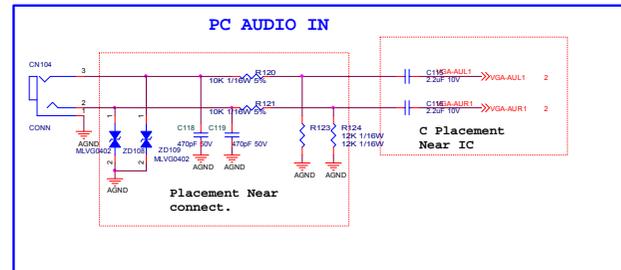
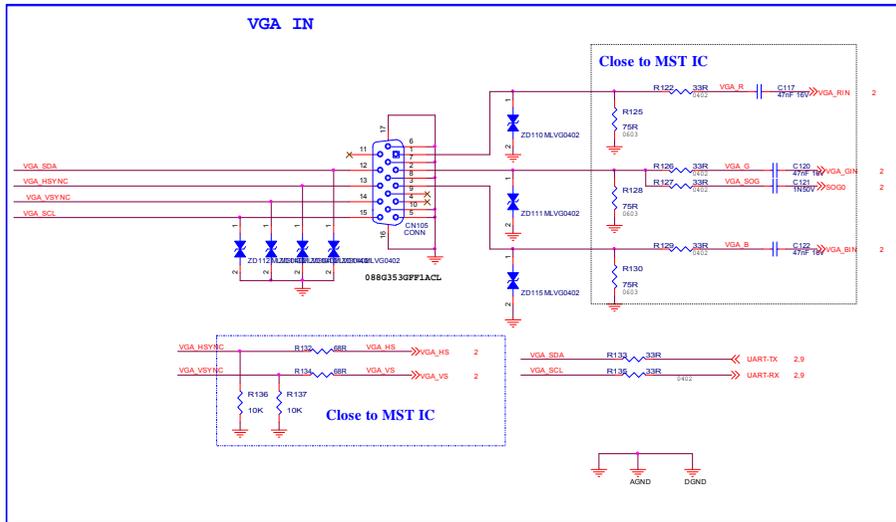
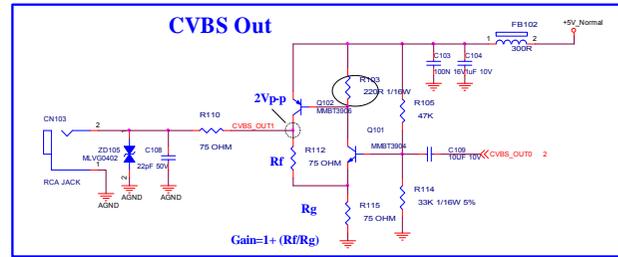
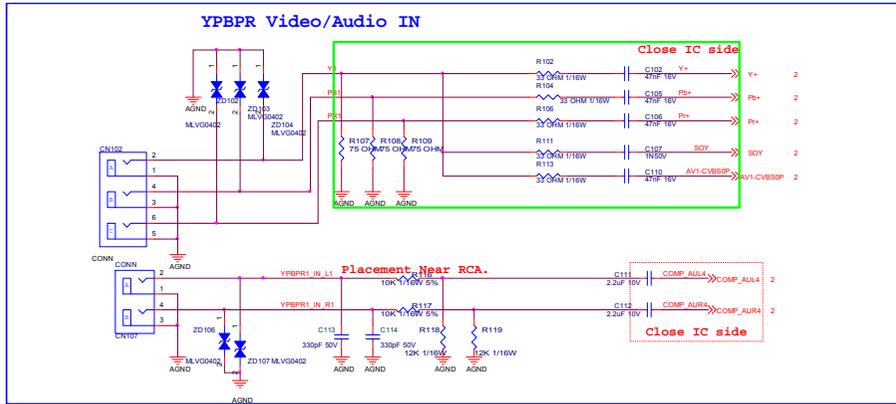
TPV (Top Victory Electronics Co., Ltd.)	CEM MODEL	NA	Rev	Custom
TPV (Top Victory Electronics Co., Ltd.)	TPV MODEL	NA	Rev	A
Key Component: G02.MST6931XP/SPI FLASH	PCB NAME	7150XXXXMBA-000-0040	Rev	
Date: Monday, September 24, 2012	Sheet	2 of 9		

LVDS



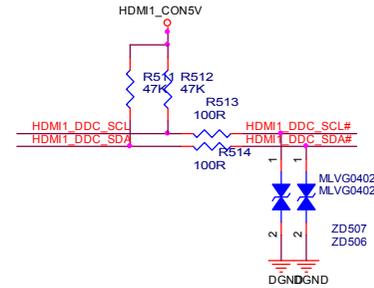
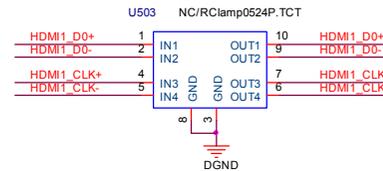
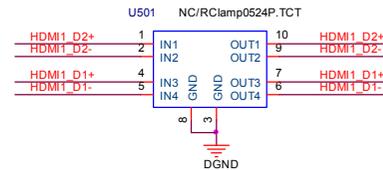
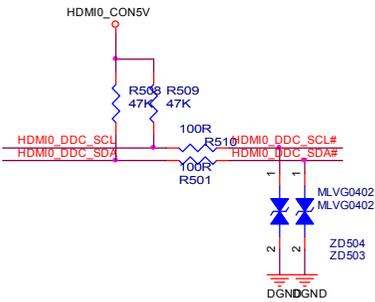
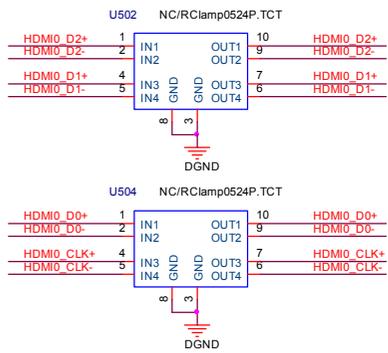
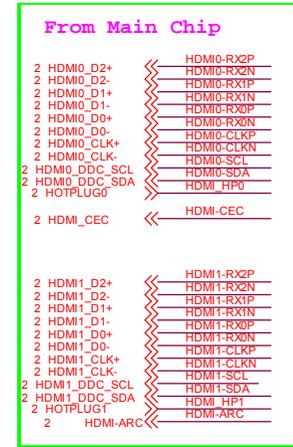
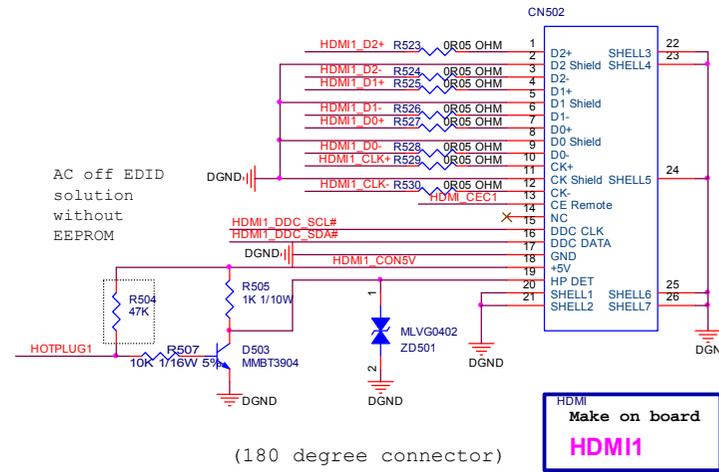
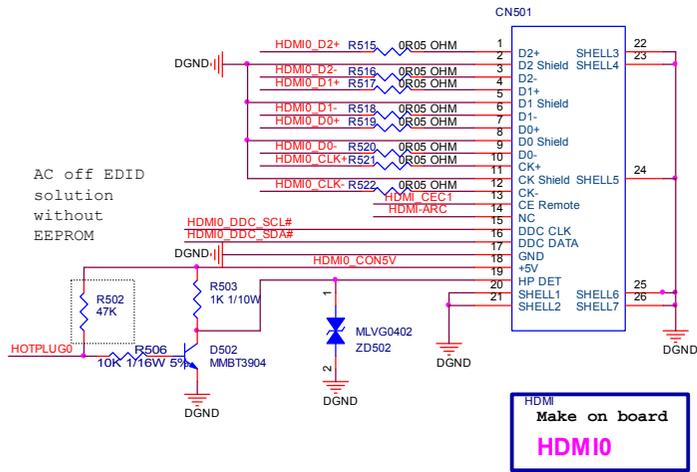
T P V (Top Victory Electronics Co., Ltd.)	OEM MODEL	NA	Size	B
结 晶 瓦 片 膜	GXXXX-M0A-000-0040	TPV MODEL	NA	Rev
Key Component	03.LVDS	PCB NAME	715GXXXX-M0A-000-0040	称 号
Date	Monday, September 24, 2012	Sheet	3 of 9	<称 号>

VIDEO/AUDIO INTERFAC/USB2.0



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	NA	Size	A2
冠捷电子	GOXXX-M0A-000-0040	TPV MODEL	Rev	A
Part Component	04_Video/Audio Interfac/USB	PCB NAME	7150XXXX.M0A-000-0040	Rev
Date	Monday, September 24, 2012	Sheet	4 of 9	

INPUT_HDMI



(180 degree connector)

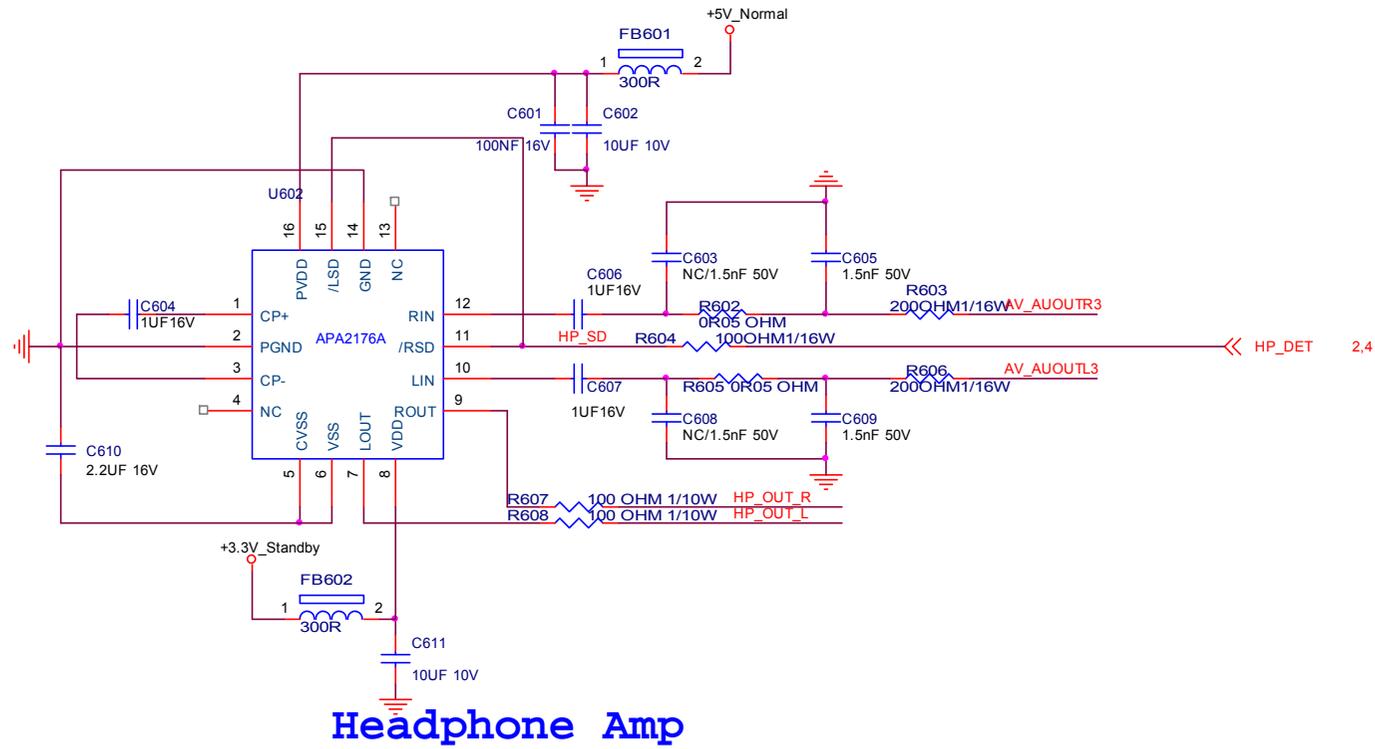


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	NA	Size	Custom
威爾瓦爾	GXXX-M0A-000-0040	TPV MODEL	NA	Rev
Key Component	05.Input_HDMI	PCB NAME	715GXXX-M0A-000-0040	修簽
Date	Monday, September 24, 2012	Sheet	5 of 9	<修簽>

EARPHONE PRE AMP

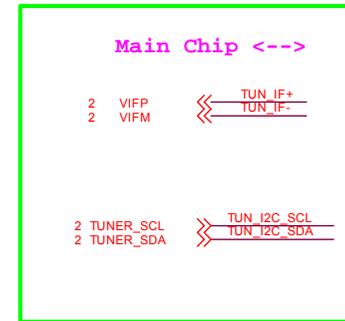
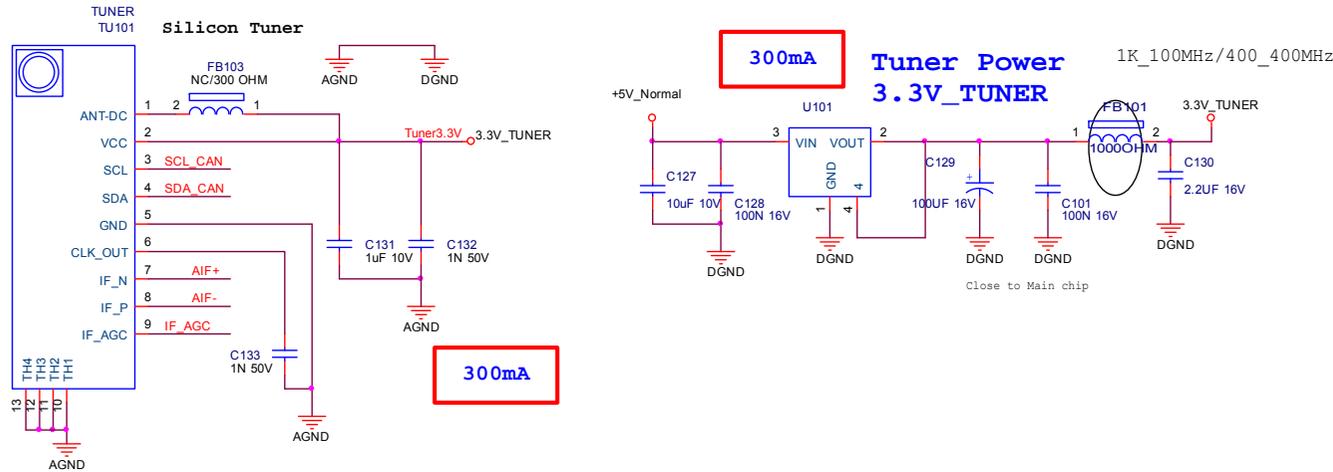
2 AV_AUOUTR3 >> AV_AUOUTR3
 2 AV_AUOUTL3 >> AV_AUOUTL3

HP_OUT_R >> HP_OUT_R 4
 HP_OUT_L >> HP_OUT_L 4

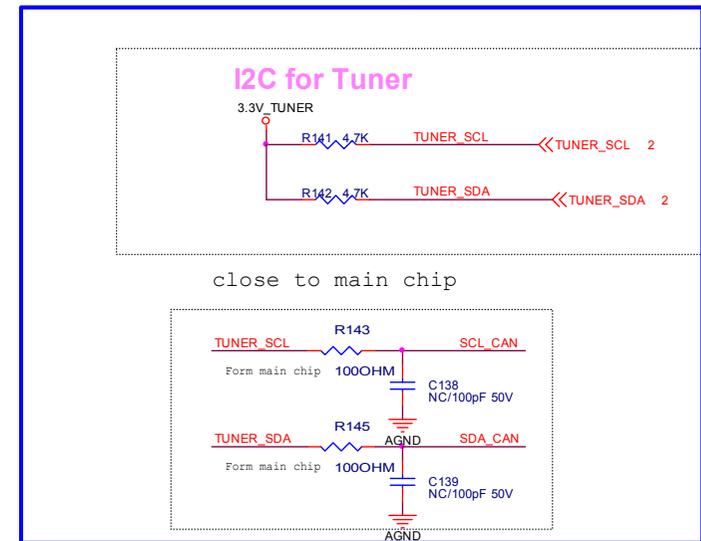
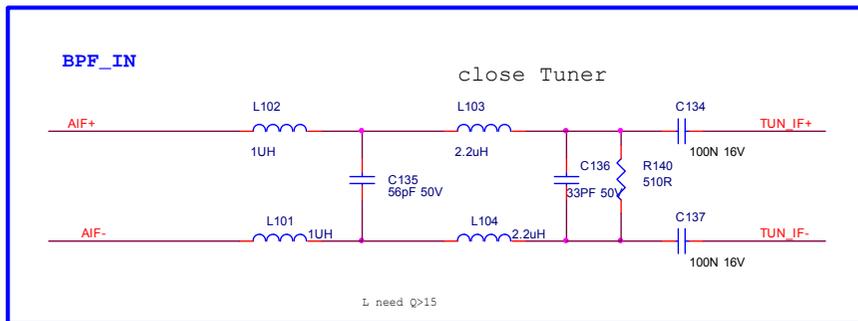


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	NA	Size	A4
紙隔瓜網膜	GXXXX-M0A-000-0040	TPV MODEL	Rev	A
Key Component	06. Earphone pre amp	PCB NAME	715GXXXX-M0A-000-0040	称参 <称参>
Date	Monday, September 24, 2012	Sheet	6 of 9	

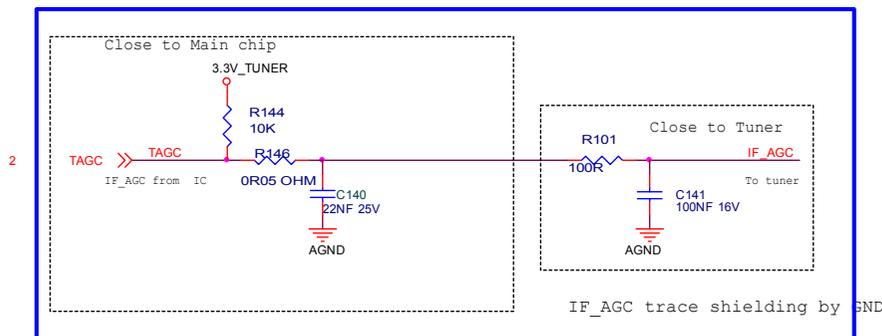
TUNER



TP_SYNC[55]
TP_CLK[48]
TP_VALID[51]
TP_DI[54]
IF_CTL[47]

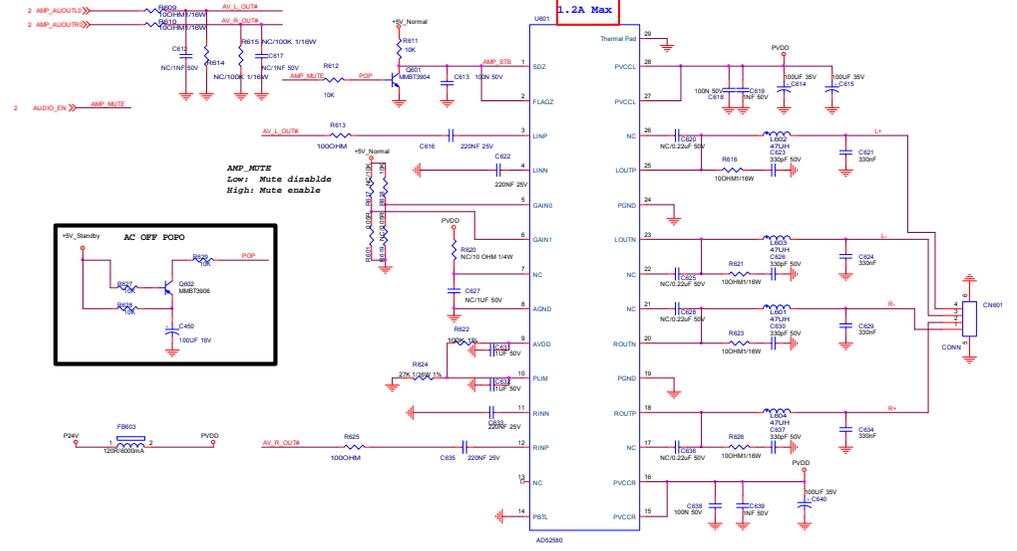


IF_AGC Control Circuit



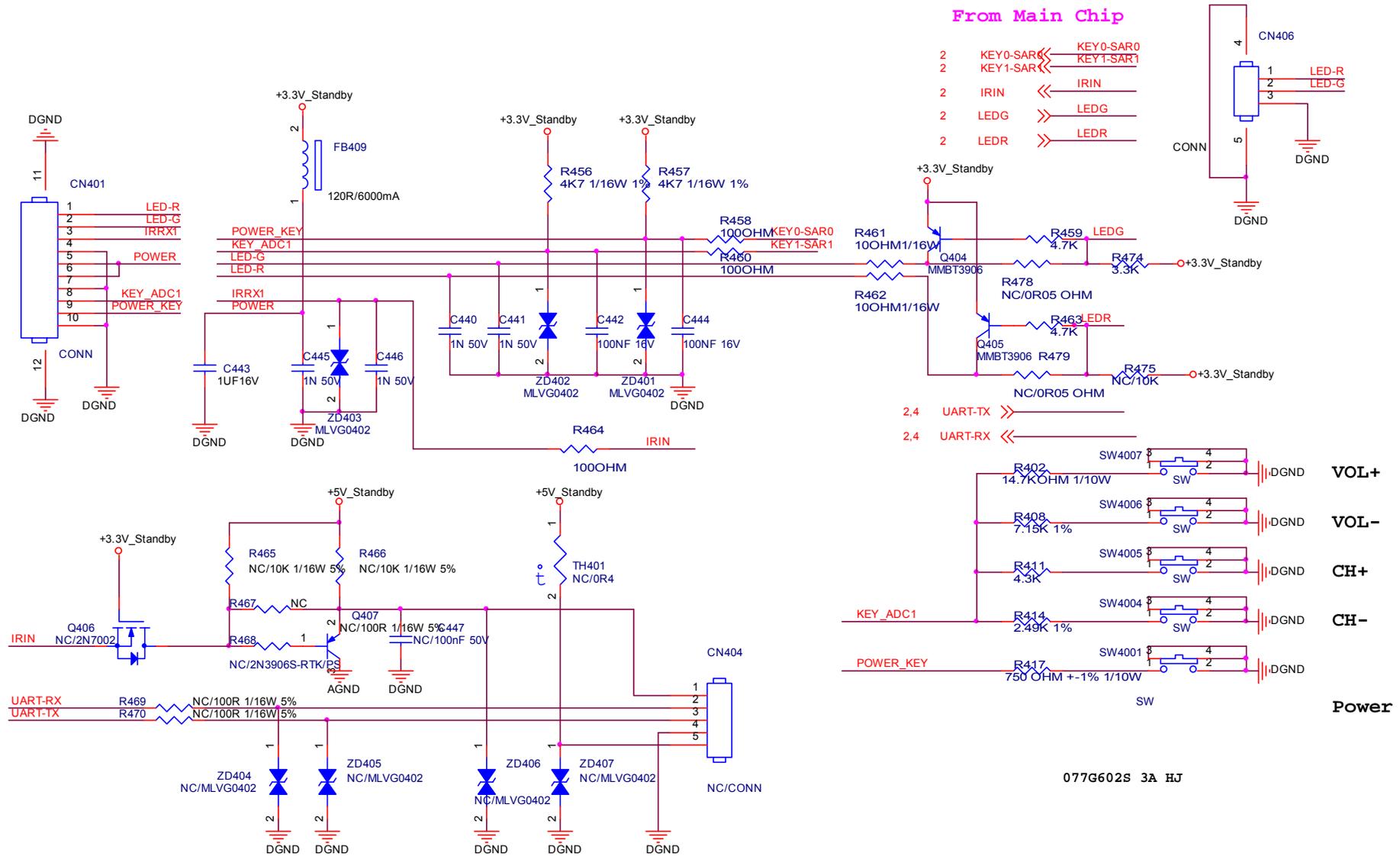
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	NA	Size	B
紙隔瓜網腹	GXXXX-M0A-000-0040	TPV MODEL	NA	Rev
Key Component	07. Tuner	PCB NAME	715GXXXX-M0A-000-0040	称差
Date	Monday, September 24, 2012	Sheet	7 of 9	<称差>

AUDIO AMP



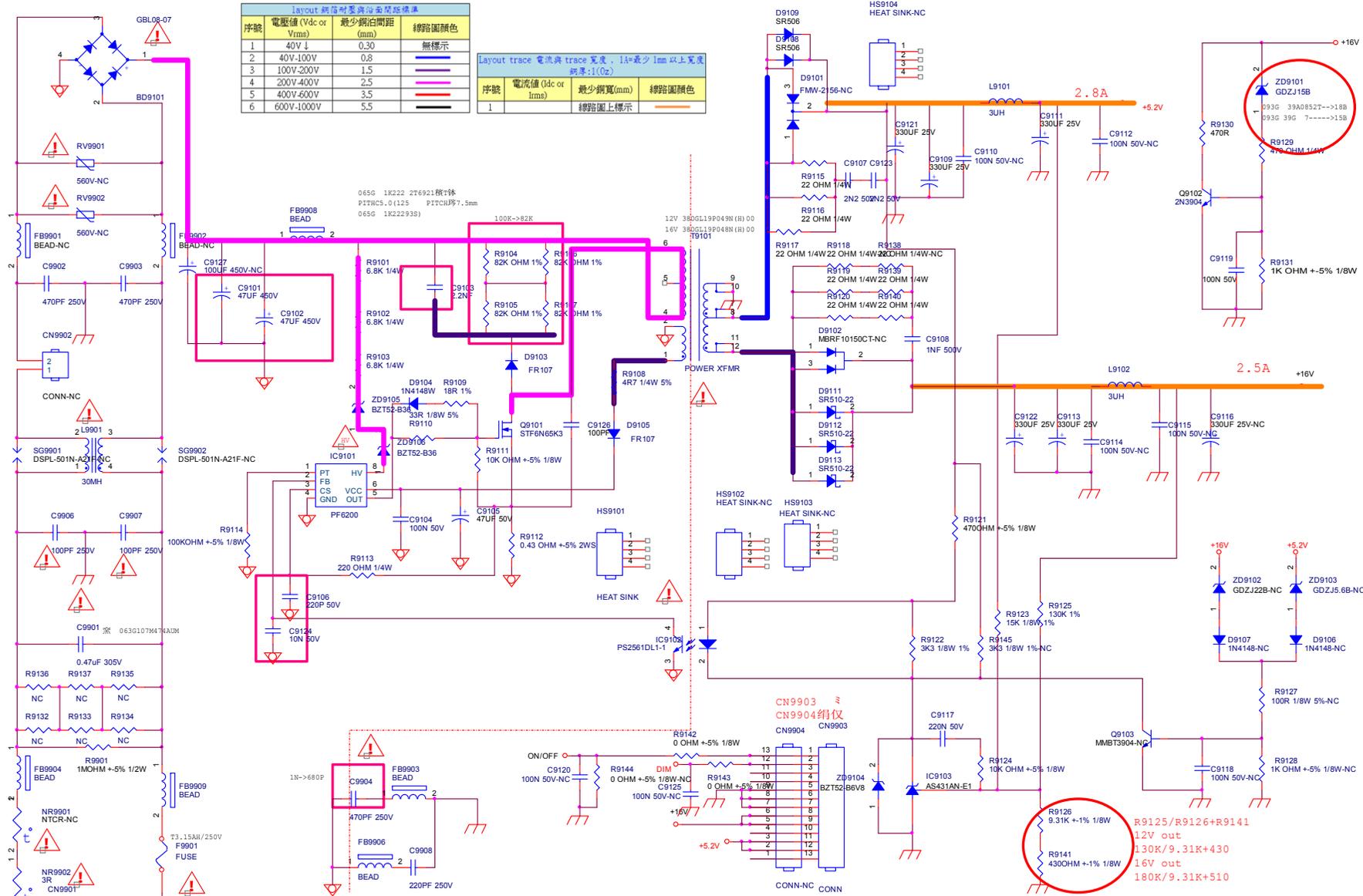
TPV (Top: Victory Electronics Co., Ltd.)	DESIGNER	NA	Rev.	B	
TPV (Top: Victory Electronics Co., Ltd.)	TPV MODEL	NA	Rev.	A	
Key Component	05_AUDIO AMP	PCB NAME	7150XXXXMBA-000-040	Pin	40 Pin
Date	Monday, September 24, 2012	Sheet	6 of 9		

KEYPAD/IR

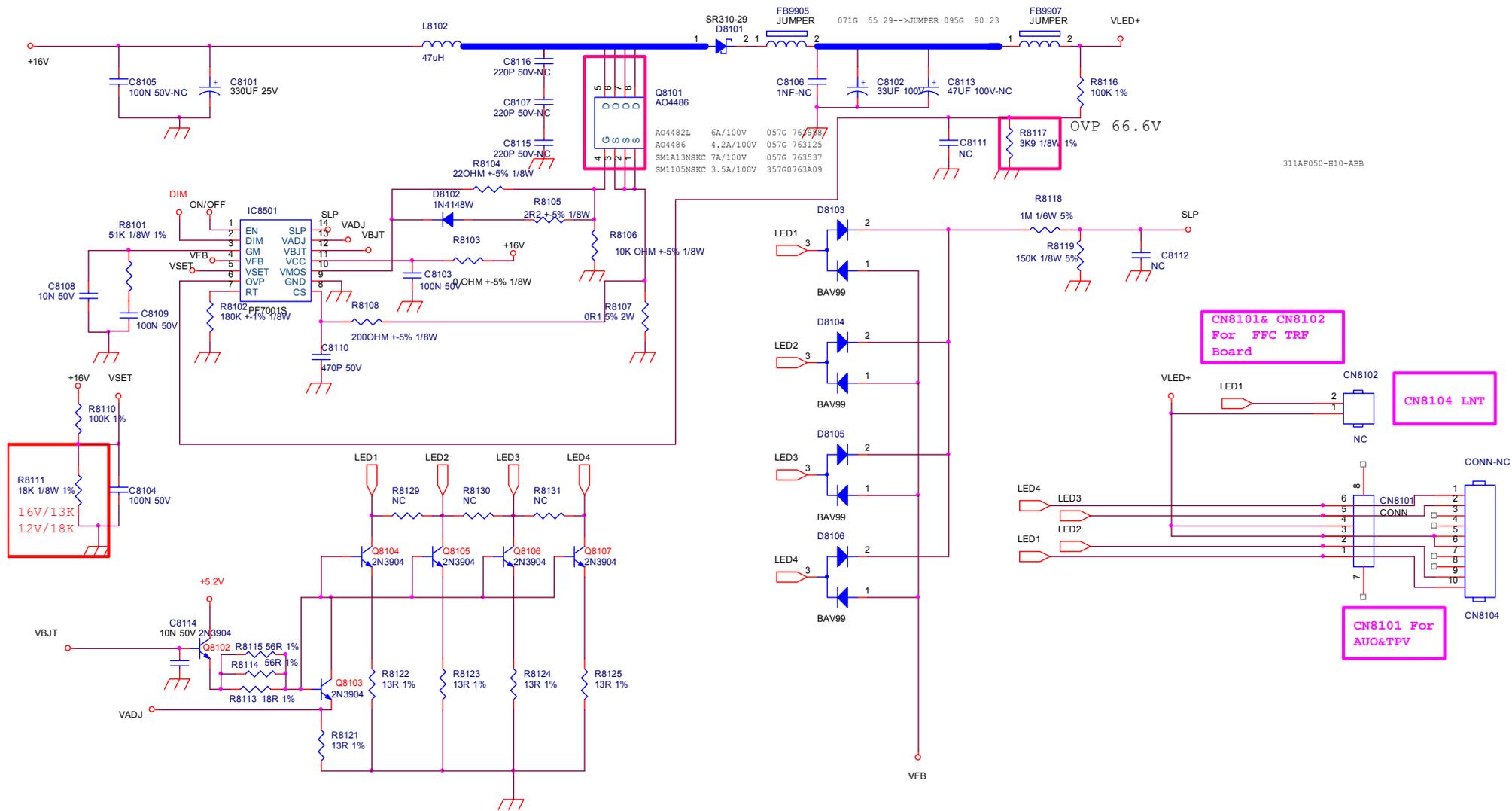


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	NA	Size	A4	
結隔瓜網膜	GXXX-M0A-000-0040	TPV MODEL	NA	Rev	A
Key Component	09. Keypad/IR	PCB NAME	715GXXX-M0A-000-0040	稱號	<稱號>
Date	Monday, September 24, 2012	Sheet	9 of 9		

9.2 Power Board 715G5804P01W20001M



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	24PFL3507H	Size	A3
基爾瓜爾	715G5309-P0A-W21-0020_120306	TPV MODEL	PLTV1E474GAF8	Rev
Key Component	01.POWER	PCB NAME		稱差
Date	Tuesday, December 04, 2012	Sheet	1 of 2	



311AF050-H10-ABB

layout 銅箔厚度與沿面間距標準

序號	電壓值 (Vdc or Vrms)	最少銅箔間距 (mm)	線路圖顏色
1	40V ↓	0.30	無標示
2	40V-100V	0.8	——
3	100V-200V	1.5	——
4	200V-400V	2.5	——
5	400V-600V	3.5	——
6	600V-1000V	5.5	——

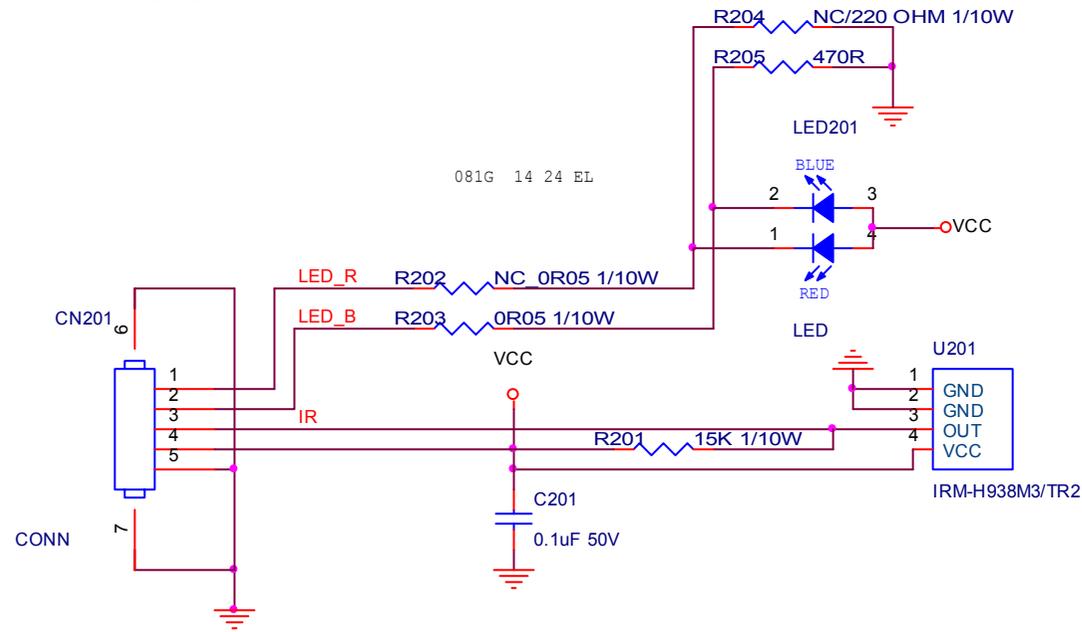
Layout trace 電流與 trace 寬度, 1t=最少 1mm 以上寬度 銅厚:1(Oz)

序號	電流值 (Idc or Irms)	最少銅寬(mm)	線路圖顏色
1		線路圖上標示	——



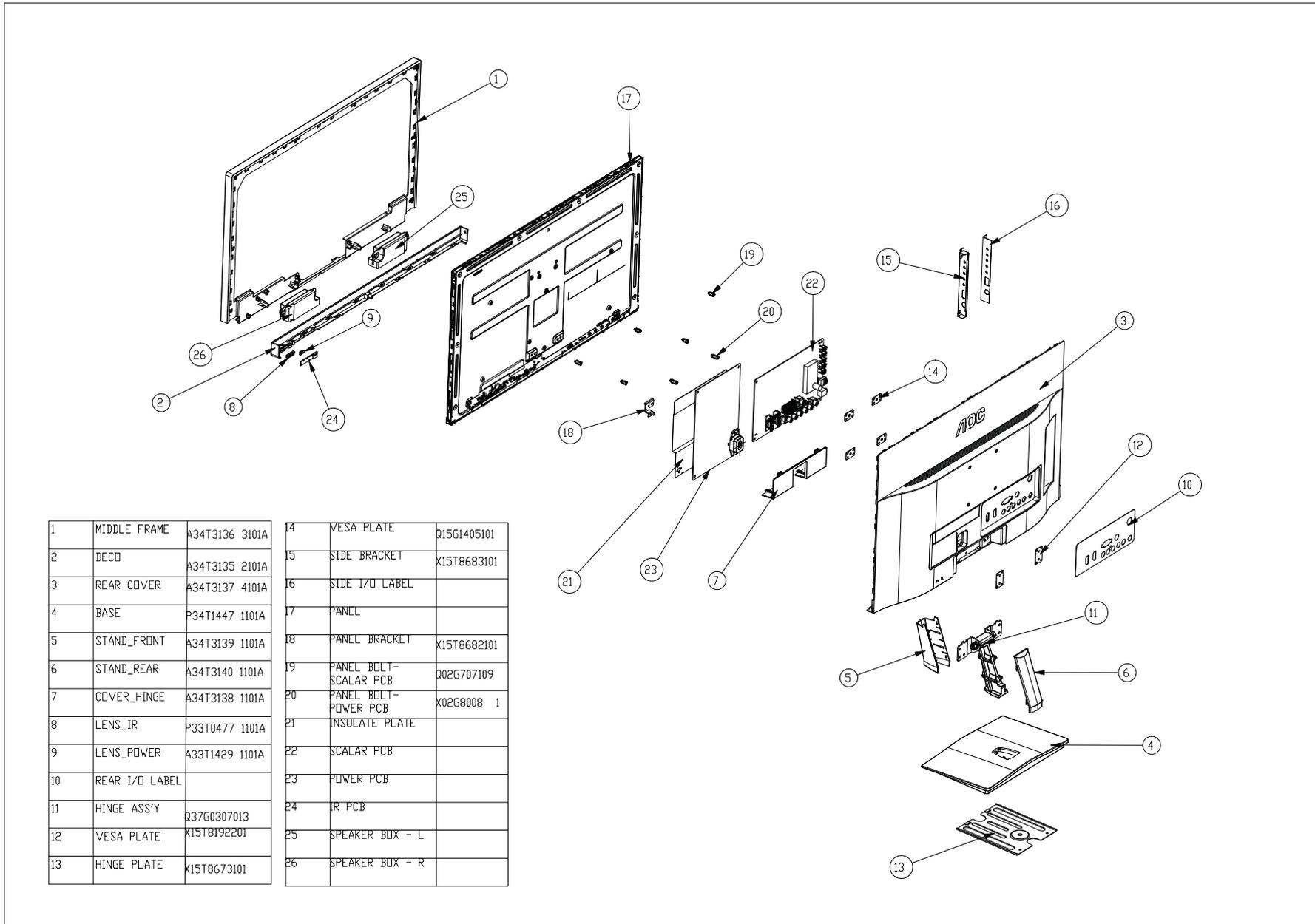
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	24PFL3507H	Size	B
括弧瓜網版	715G5309-P0A-W21-0020_120306	TPV MODEL	PLTV1E474GAF8	Rev
Key Component	02.LED DRIVER	PCB NAME		修簽
Date	Tuesday, December 04, 2012	Sheet	2 of 2	

9.3 IR Board 715G5943R0100004S



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	X	Size	A
結構瓜網腹	715G5471-R0A-000-0040	TPV MODEL	Dynex UFC Model	Rev
Key Component	02-IR&LED	PCB NAME	715G5471-R0A-000-0040	称爹
Date	Wednesday, January 16, 2013	Sheet	2 of 2	<称爹>

10. Exploded View



Item	Part No.	Description	Qty
1	A34T3136AED-3L0100	MIDDLE_FRAME	1
2	A34T3135-OPZ2L0100	BEZEL	1
3	A34T3137AED-4L0100	REAR COVER	1
4	P34T1447-OP-1L0100	BASE	1
5	A34T3139AED-1L0100	STAND_FRONT	1
6	A33T1490AED-1L0100	STAND_REAR	1
7	A34T3138AED-1L0100	COVER_HINGE	1
8	P33T0477--2-1C0100	LENS_IR	1
9	A33T1429--1-1C0100	LENS	1
10	F40GTV03615-1A	T2369M IO Back LABEL WW	1
11	Q37G0307013	HINGE ASSY	1
12	X15T8192201	BKT_VESA	1
13	X15T8673101	BKT_BASE	1
14	Q15G1405101	VESA PLATE	1
15	X15T8683101	SIDE BRACKET	1
16	F40GTV03615-2A	T2369M IO Side LABEL WW	1
17	750SMT230W3FB1N100	PANEL LM230WF3-S2FB	1
18	X15T8682101	PANEL BRACKER	1
19	Q02G7071090001	BOLT (M3X9MM, 主板下方)	1
20	X02G8008--1	PANEL BULI-POWER PCB	1
21		INSULATE PLATE	1
22	CBPFC3QCX2	CONVERSION BOARD	1
23	PLTVCD513UXD2	POWER BOARD	1
24	IRPFCXE8	IR BOARD	1
25		SPEAKER BOX-L	1
26		SPEAKER BOX-R	1

11. BOM List

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

LE23A6330/61 E23CG1NCBQA1NNF.LF

Location	Part No.	Description	Remark
	001G6021--1	screw	
	036T-600-18115	Non-woven Fabric for middle frame L	
	040G-58162435A	P/N LABEL FOR MANUAL PE BAG	
	040G-581689-4A	BARCODE LABEL FOR 1 (58x35mm)	
	041G--68508--A	control card	
	052G---1150--C	黑色防静电胶带 INSULATING TAPE	
	052G---2191--A	PAPER TAPE	
	055G--23522	氢氟醚 HFE3400	
E08901	089G217A18N-IS	AC POWER CORD 1800MM IS	
	092GB1JX1A3EGC	BATTERY 1.5V LR03	
	0M1G1030--6-47-CR3	screw	
	0M1G1730--5120	screw	
	0M1G3030--4120	SCREW FOR PANEL	
	0Q1G-130--6120	SCREW (T3X6)	
	0Q1G-330--8-47-CR3	SCREW	
SP01	378G0060622YAA	SPK 8 OHM 6W 84*23*34mm 100mm SUNLINK	
E098	398GRABDGNEACC	REMOTE AOC RL81D-1 ENGLISH	
	708GDA03-CP-1A	AOC 40 (2100)	
	044G6000--4-6B	SPACE PAPER	
	F07G1180--F108	Compound Pallet 1180*1086	
	F07G1194--F118	Compound Pallet 1194*1180	
	F44G1140-ZP105	PAPER BOARD	
	F44G1160-ZP114	PAPER BOARD	
	Q44G9005205	CONNER PAPER	
	Q45G--77--5	PE PACKING (Y1900241)	
	Q50G---4-10	TIE (Y1900221)	
	Q52G---1185-99	big carton tape for aoc	
	7250L-0484A	Conductive tape, Black, 14*25*0.1mm	
	7250L-0484B	Conductive tape, Black, 20*35*0.1mm	
E750	750SMT230W3FB1N100	PANEL LM230WF3-S2FB	
	2436L-3229C	LM230WF3-S2FB-K31	
	3110T-1040A	EGI , 0.5T,LM230WFA-S2Z2	
	3550S-1466D	AL7um,PET75um,438.3*37.2*0.1	
	3850L-0088A	ID, YUPO, 78X37	
	6091L-2369C	LM230WF3-S2FB	
	3022L-1928A	TORAY, TDF127, T0.145, LM230WF3-S2D2	
	3022L-2236A	LU963 , Kolon	
	3034L-1201A	T6D6, Toray	
	3551L-0791C	LM230WF3-S2FB, 'E' type	
	3550B-1104E	GALVALUME, 0.8T, 'E' type(2nd tooling)	
	4296L-0284C	KE951+Nitto 5000NS, black, 4x4x2	
	6916L-1247A	LG INNOTEK, 8520E(YR), 48ea	
	5153L-0120A	05010HR-H10H , YEON-HO	
	6915L-0512A	LGIT LED,Top View,2ea(LED Chip Q'TY per PKG), 8520E PKG,BM215WF4-T2G2	

	6920L-0307A	520.6 x 4.5 x 1.0	
	7250L-2289A	PD-25TT, 519.6*3.9*0.25, Thermal Conductivity	
	3850L-0151A	BL, YUPO, 77X21	
	4975L-0630A	LM230WF3-S2D2	
	4974L-1103A	PC,ENTIRE,ETR-1010,V0 , BLACK	
	4974L-1104A	PC,ENTIRE,ETR-1010,V0 , BLACK	
	7250L-2251A	3M, 4734-64B, Black, 520.2*5*0.64, Fixing	
	7250L-2251B	3M, 4734-64B, Black, 297*5*0.64, Fixing	
	7250L-2251C	3M, 4734-64B, Black, 513.8*4*0.64, Fixing	
	5151L-0316A	LM230WF3-S2D2	
	3953L-0160J	TORAY, E60L, 3M 1363-60, 288.1*1.5*0.188, LM230WF3-SSA1	
	3953L-0160K	TORAY, E60L, 3M 1363-60, 489.0*1.5*0.188, LM230WF3-SSA1	
	5150L-0831A	PMMA, Flat, T2.0, Printing,LM230WF3-S2D2	
	7250L-0853E	NITTO, 5000NS, White, 60*8*0.16, Fixing	
E2436L	6925L-0054A	LM230WF3(SJF1, S2F2/S2F6/S2FB)	
	6925L-0047A	LM230WF3(SJF1, S2F2/S2F6/S2FB)	2nd source
	6060L-3238A	LM230WF3-SJF1-K31	
	6061L-2629A	LM230WF3-SJF1-K31	
	01LUL-0285A	LS0608MEH3-C6LX, LUSEM, 720, 6BIT, EPI PGC, C_B, R/TP, 35MM, 5PF, UPILEX, ENG	
	6308L-5261A	LSBXSPKHAX6-02300T26, 530.1*300.9, LGC, S, B, X, S, P, K, H, X, A, X6, 02300, Top, 26	
	6308L-5262A	LSXXSPKHAX6-02300B26, 512.4*289.4, LGC, S, X, X, S, P, K, H, X, A, X6, 02300, Bottom, 26	
	6884L-0090A	CP12941-20YA, SONY, 1.5MMX300MM, 20UM	
	6884L-0034A	CP5420ISL, SONY, L=1.5MMX300M, T=20	2nd source
	6884L-0152A	AC-11600-14, HITACHI, 300MX1.5MM, 14UM	2nd source
	6884L-0153A	(AC-11600-14, HITACHI, 300MX2.0MM, 14UM)	2nd source
	6884L-0053A	CP2420ISL,L=1.5MMX300M, T=18UM, SONY	2nd source
	7752L-0004A	KTEM-UV3000, KEC	
	7752L-0005A	(HC-305, HI-CHEMICAL)	2nd source
	6871L-3250B	Source, Single, None-C/SKD, LM230WF3-SJF1-K31, Single Side	
C122,C345,C347,C348,C354,C74,C85	0CH2102K562	1NF 50V K X 1608 R/TP	
C350,C351,C353	0CH2104K562	0.1UF 50V K X7R 1608 R/TP	
C100	0CH2153K562	15nF, K, 50V, X7R, 0.9mm, 1608, R/TP	
C343	0CH2473H562	47nF, K, 25V, X7R, 0.9mm, 1608, R/TP	
C81	0CH2474D572	0.47uF, K, 10V, X5R, 0.95mm, 1608, R/TP	
C5,C6,C7	0CH2A-0004A	MLCC ** 10uf, K,10V,X5R,1.8mm,3216,R/TP	
C346	0CH2A-0007A	1U F, 10 Volt, K PER, X5R(JB), 1608 R/TP, T=0.9(MAX)	
C50	0CH2A-0008A	MLCC ** 4.7uf, K,25V,X5R,0.95mm,3216,R/TP	

C102,C103,C340,C41,C88,C89,C90	0CH2A-0013A	MLCC ** 10uf, K,25V,X5R,1.8mm,3216,R/TP	
C110,C355,C51,C87	0CH2A-0015A	1uF, K, 25V, X5R, 0.9mm, 1608, R/TP	
C181,C183,C217,C218,C219,C220,C221,C227,C312,C322,C332,C342	0CH2A-0030A	1uF, K, 10V, X5R, 0.55mm, 1005, R/TP	
C71,C94	0CH2A-0072A	MLCC ** 10uf, K,10V,X5R,1.35mm,2012,R/TP	
C349	0CH2A-0073A	0.1uF, K, 16V, X7R, 0.55mm, 1005, R/TP	
C120,C121,C82	0CH2A-0088A	3.3nF, K, 50V, X7R, 0.9mm, 1608, R/TP	
C170,C171,C172,C173,C174,C180,C182,C311,C321,C331,C341	0CH2A-0091A	1uF, K, 25V, X5R, 0.6mm, 1005, R/TP	
C80	0CH2A-0148A	10UF, K, 10V, X5R, 0.9mm, 1608, R/TP	
C52,C53	0CH2A-0164A	0.47UF, K, 25V, X5R, 0.95mm, 1608, R/TP	
C35,C36	0CH5121K412	120PF, J, 50V, 1608, R/TP, 0.9mm	
D3,D8	0DHZL-0008B	BAV99-7-05-F, DIODES, SOT-23, R/TP	
ZD1	0DHZL-0076A	SDZ3V3D, AUK, SOD-323, R/TP	
D1	0DHZL-0095A	RB050M-30, ROHM, PMDU, R/TP	
D10	0DHZL-0131A	SDB0740, AUK, SOT-23, R/TP	
D11	0DHZL-0142A	SD05, SEMTECH, SOD323, R/TP	
F1	0FSLO-0013A	F0603HI3000V032T, AEM, Ceramic	
U1	0ISGL-0008C	M24C04-RDW, STmicroelectronics, 4K, 5ms, TSSOP, R/TP, 8	
US1	0ISML-0024A	SM4043, SILICON MITUS, MNT, VDD BOOST + VGH BOOST + VGL C/P + VCC BUCK + L/S + OPAMP + DISCHARGING + GPM + PVCOM, QFN, R/TP, 48	
UC1	0ITLL-0083A	TL2358EP, TLI, LVDS, 6/8, 2, EPI, 6, 3/4, DRD, SGIP, AFRC, DGA, SD, SM, SFA, Z-INV, ESD, LOWELL13, MLF, TR, 48	
L1	0LCAA-0039A	DP8L18F-100M, COIL MASTER, 10uH, M=20%, 1.9A, 114m Ohm, 8.1x6.8x1.8, R/TP	
L2,L3	0LCAA-0089A	CMI-DOP3910NH-6R8M, COIL MASTER, 6.8 UH, M=20%, 0.9 A, 0.26 OHM, 3.9X3.9X1 (MM), R/TP	
R232	0RH0000B622	0 ohm, 1/16W, 1005, 5%, R/TP	
R101,R105,R130,R200,R203,R205,R248,R250,R260,R261,R267,R268,R60,R65,R82,R90	0RH0000C622	0 OHM 1/10W 0603 0.05R MAX	
R85	0RH0102C422	10 OHM 1/10W 0603 1%	
R259,R279	0RH0221C622	2.2 OHM 1/10W 0603 5%	
R263,R264,R265,R266,R269,R270,R271,R272,R273,R274,R275,R276	0RH0472C422	47 OHM 1/10W 0603 1%	
R262	0RH1000B422	100 ohm, 1/16W, 1005, 1%, R/TP	
R104,R2,R3,R56	0RH1000C422	100 OHM 1/10W 0603 1%	
R254	0RH1001C422	1K OHM 1/10W 0603 1%	
R16,R30,R55	0RH1002C422	10K OHM 1/10W 0603 1%	
R172,R181	0RH1003C422	100K OHM 1/10W 0603 1%	
R253	0RH1102C422	11K OHM 1/10W 0603 1%	
R186	0RH1202C422	12K OHM 1/10W 0603 1%	
R111	0RH1302C422	13K OHM 1/10W 0603 1%	
R180	0RH1501C422	1.5K OHM 1/10W 0603 1%	

R121	0RH1502C422	15K OHM 1/10W 0603 1%	
R170	0RH1503C422	150K ohm, 1/16W, 1608, 1%, R/TP	
R61	0RH1601C422	1.6K OHM 1/10W 0603 1%	
R93	0RH1801C422	1.8K OHM 1/10W 0603 1%	
R183,R256	0RH2001C422	2K OHM 1/10W 0603 1%	
R106,R252	0RH2002C422	20K OHM 1/10W 0603 1%	
R103	0RH2201C422	2.2K OHM 1/10W 0603 1%	
R123	0RH2203C422	220K ohm, 1/16W, 1608, 1%, R/TP	
R13,R14	0RH2401C422	2.4K OHM 1/10W 0603 1%	
R280,R80	0RH3002C422	30K OHM 1/10W 0603 1%	
R9	0RH3300C422	330 ohm, 1/16W, 1608, 1%, R/TP	
R120	0RH3301C422	3.3K OHM 1/10W 0603 1%	
R187	0RH3902C422	39K OHM 1/10W 0603 1%	
R87	0RH4301C422	4.3K OHM 1/10W 0603 1%	
R15	0RH4700C422	470 OHM 1/10W 0603 1%	
R110,R86	0RH4702C422	47K OHM 1/10W 0603 1%	
R257	0RH5100C422	510 OHM 1/10W 0603 1%	
R100,R185,R188,R91	0RH5101C422	5.1K OHM 1/10W 0603 1%	
R171,R70	0RH5102C422	51K OHM 1/10W 0603 1%	
R102	0RH5602C422	56K OHM 1/10W 0603 1%	
R229,R230	0RH5603C422	560K ohm, 1/16W, 1608, 1%, R/TP	
R81	0RH6202C422	62K OHM 1/10W 0603 1%	
R89	0RH7501C422	7.5K OHM 1/10W 0603 1%	
R122,R249,R255,R92	0RH8201C422	8.2K OHM 1/10W 0603 1%	
R88	0RH9100C422	910 OHM 1/10W 0603 1%	
R251,R64	0RH9101C422	9.1K OHM 1/10W 0603 1%	
FL35,FL36	6200C-0014A	BLM18EG601SN1D, MURATA, 0.35 Ohm, 1.6X0.8, R/TP	
FL1,FL2,FL37	6200L-J015A	BLM18PG300SN1D	
RT1	6322L-0012A	22K, +-3%, -, 0.21 MA, 3950, 1005, R/TP	
CN1	6630L-0180A	IS100-L300-C23, UJU, 30PIN, 1.0MM	
	6870S-1617A	LM230WF3-SSB1-KL1, 2L, 0.6, 428.3*27.0, 6, J, Source, HF, Single Side	
	6884L-0061A	CP20631-35YA, 2.0MMX300M, SONY	
	6884L-0044B	DP2252KSL(2.0MMX300M), SONY	2nd source
	6884L-0044C	AC-9825R-45(2.0MMX300M), HITACHI	2nd source
	6884L-0083A	CP21831-35YA, SONY, 2.0 X 300M, 35UM	2nd source
	6884L-0174A	EMA8888E, LGIT, 300M, 75 MM	2nd source
	7526L-0001A	DS 103, NC Chem., UV	
	7250L-0484P	HWASUNG SEALING, STN1026WR(P), Gray, 12*30*0.11, Electric Conductivity	
	756TXDCB01C0010000	MCU ASSY	
SMTF-U402	100TAMGD004CTX	AOC LE23A6330 FLASH -- NA	
U402	356G223300200A	IC FLASH W25Q32FVSSIG 32M SOP-8 WINBOND	
	A33T1429--1-1C0100	LENS	
	A33T1490AED-1L0100	STAND_REAR	
	A34T3135-OPZ2L0100	BEZEL	
	A34T3136AED-3L0100	MIDDLE_FRAME	
	A34T3137AED-4L0100	REAR COVER	
	A34T3138AED-1L0100	COVER_HINGE	
	A34T3139AED-1L0100	STAND_FRONT	
	AM1G1740-10225-CR3	screw	
	CBPFC3QCX2	CONVERSION BOARD	

	040G-45762412B	CBPC LABEL	
C614,C615,C640	067G315M1016KV	EC 100UF 20% 35V 8*7	
SW4001,SW4004,SW4005,SW4006,SW4007	077G602S-3A-HJ	TACT SW 4P 5.85 200g TSDBYC2202	
	077G602S-3A-CJ	TACT SW 4P 5.85 200g TDVC-4-NP	2nd source
CN103	088G-78F114VCL	RCA JACK 2P YELLOW CL	
	088G-78F114VYG	RCA JACK 2P YELLOW YCG	2nd source
CN107	088G-78F121XCL	RCA JACK 4P CL	
	088G-78F121XYG	RCA JACK 4P WHITE/RED YCG	2nd source
CN102	088G-78F135XCL	RCA JACK 6P CL	
	088G-78F135XYG	RCA JACK 6P GREEN/BLUE/RED YCG	2nd source
CN104	088G302F3G1VCL	PHONE JACK 3P GREEN CL	
	088G302F3G1VYG	PHONE JACK 3P GREEN YCG	2nd source
CN101	088G302G7B1ACL	PHONE JACK 7P BLACK CL	
	088G302G7B1AQS	PHONE JACK 7P BLACK QIANGSHENG	2nd source
CN106	088G352F6B3ACL	USB CONN TYPE A 6PIN BLACK CL	
	088G352F6B3AYG	USB CONN TYPE A 6PIN BLACK YCG	2nd source
CN105	088G353FFF3XCL	D-SUB CONN WITH SCREW 15P BLUE CL	
	088G353FFF3XDL	D-SUB CONN WITH SCREW 15P BLUE DLK	2nd source
TU101	094G-PALALL-7L	TUNER CHINA DT21CN-2-E TCL	
CN601	311GW200A04ABX	WAFER 4P 2.0mm XINYA	
	311GW200A04ABL	WAFER 4P 2.0MM XIANGLONG	2nd source
CN701	311GW250B13BBX	WAFER 13P 2.5MM XINYA	
	709T57890XM001	COMSUPTIVE ASS'Y	
	052G--2191--A	PAPER TAPE	
	055G--23520	IPA	
	055G--23524	WELDING FLUX WITHOUT PB	
	Q49G--51100	唯特偶 GW2066 水基型清洁剂 Cleaner	
	Q55G-100622	TIN STICK(SAC0507)	
	Q55G-100625	TIN STICK_LOW ARGENTUM	
	Z40G0002ALL01A	SFIS Label 35mm*9mm (主板)	
SMTC01	SMTFC3QCX2	MAIN BOARD FOR SMT	
	SMTFC3QCX2WB	MAIN BOARD FOR SMT WB	2nd source
U703	056G-563143--C	IC LDO G1084PT43U 5A ADJ TO-252 GMT	
U101	056G-563224	IC LDO AP2114H-3.3TRG1 1A/3.3V SOT-223 BCD	
	056G-563149	IC LDO G903T63UF 0.6A/3.3V SOT-223 GMT	2nd source
U702	056G-563515	IC LDO AZ1117D-3.3TRE/G1 1A/3.3V TO-252 BCD	
U701	056G-563X04	IC DC/DC APW7323KAI-TRG 3.2A 5V SOP-8P ANPEC	
U602	056G-616516	IC AUDIO APA2176AQBTRG 0.27W TQFN3X3-16 ANPEC	
U404,U405	056G-7SB157--F	IC NC7SB3157P6X MAA06A SC-70 FAIRCHIL	
Q102,Q402,Q404,Q405,Q602	057G-417517	TRA LM317-0.2A/40V SOT-23 LRC	
	057G-417512	TRA MMBT3906 0.2A/40V SOT-23 BLUE ROCKET	2nd source
D502,D503,Q101,Q403,Q408,Q601,Q702,Q703,Q704,Q705,Q706,Q707	057G-417518	TRA LM317-0.2A/40V SOT-23 LRC	
	057G-417511	TRA MMBT3904 0.2A/40V SOT-23 BLUE ROCKET	2nd source

Q701	057G-763940	MOSFET AO3401A 4.2A/30V SOT-23 AOS	
R146,R448,R449,R454,R 455,R515,R516,R517,R5 18,R519,R520,R521,R52 2,R523,R524,R525,R526, R527,R528,R529,R530,R 602,R605	061G0402000-JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R601,R701	061G0402000-JI	TEST ONLY RST 0402 0.05R MAX 1/16W TA-I	
R427	061G0402000-JY	RST CHIPR 0 OHM +-5% 1/16W YAGEO	
R461,R462,R609,R610,R 616,R621,R623,R626	061G0402100-JF	RST CHIPR 10 OHM +-5% 1/16W 0402 FENGHUA	
R721	061G0402100FI	RST 0402 1K 1% 1/16W TA-I	
R622	061G04021003FT	RST CHIPR 100 KOHM +-1% 1/16W 0402 TZAI YUAN	
R401,R604	061G0402101-JF	RST CHIPR 100 OHM +-5% 1/16W 0402 FENGHUA	
R101,R501,R510,R513,R 514,R705	061G0402101-JI	RST CHIPR 100 OHM +-5% 1/16W 0402 TA-I	
R143,R145,R458,R460,R 464,R613,R625	061G0402101-JY	RST CHIPR 100 OHM +-5% 1/16W 0402 YAGEO	
R405	061G0402102-JF	RST CHIPR 1 KOHM +-5% 1/16W 0402 FENGHUA	
R434,R702,R711,R712	061G0402102-JI	RST CHIPR 1 KOHM +-5% 1/16W 0402 TA-I	
R704,R707,R709	061G0402102-JY	RST CHIPR 1 KOHM +-5% 1/16W 0402 YAGEO	
R726	061G0402103-JF	RST CHIPR 10 KOHM +-5% 1/16W 0402 FENGHUA	
R136,R137,R441,R443,R 476,R611,R612,R618,R6 27,R628,R629,R713,R71 4,R722	061G0402103-JI	RST CHIPR 10 KOHM +-5% 1/16W 0402 TA-I	
R116,R117,R120,R121,R 506,R507	061G0402103-JT	RST CHIPR 10 KOHM +-5% 1/16W 0402 TZAI YUAN	
R144,R436,R728	061G0402103-JY	RST CHIPR 10 KOHM +-5% 1/16W 0402 YAGEO	
R409,R413,R416,R418	061G0402104-JF	RST CHIPR 100 KOHM +-5% 1/16W 0402 FENGHUA	
R439,R720	061G0402104-JI	RST CHIPR 100 KOHM +-5% 1/16W 0402 TA-I	
R403,R428	061G0402105-JF	RST CHIPR 1 MOHM +-5% 1/16W 0402 FENGHUA	
R118,R119,R123,R124	061G0402123-JF	RST CHIPR 12KOHM +-5% 1/16W FENGHUA	
R717	061G04021242FT	RST 0402 12.4K 1% 1/16W TZAI YUAN	
R603,R606	061G0402201-JF	RST CHIPR 200 OHM +-5% 1/16W 0402 FENGHUA	
R531	061G0402201-JI	RST 0402 200R 5% 1/16W	
R103	061G0402221-JI	RST 0402 220R 5% 1/16W	
R131	061G0402222-JF	RST CHIPR 2.2 KOHM +-5% 1/16W 0402 FENGHUA	
	061G0402222-JY	RST CHIPR 2.2 KOHM -5% 1/16W 0402 YAGEO	2nd source
R406	061G0402223-JF	RST CHIPR 22 KOHM +-5% 1/16W 0402 FENGHUA	
R719	061G04022401FI	RST CHIPR 2.4 KOHM +-1% 1/16W 0402 TA-I	
R624	061G04022702FF	RST CHIPR 27 KOHM +-1% 1/16W 0402 FENGHUA	
R730	061G0402273-JF	RST CHIPR 27 KOHM +-5% 1/16W	

		0402 FENGHUA	
R102,R104,R106,R111,R113	061G0402330-JF	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	
R122,R126,R127,R129,R133,R135	061G0402330-JI	RST 0402 33R 5% 1/16W	
R475	061G0402332-JI	RST 0402 3.3K 5% 1/16W	
R114	061G0402333-JF	RST CHIPR 33 KOHM +-5% 1/16W 0402 FENGHUA	
R731	061G04024300FF	RST CHIPR 430 OHM +-1% 1/16W 0402 FENGHUA	
R456,R457	061G04024701FF	RST 0402 4.7K 1% 1/16W FENGHUA	
R404	061G0402472-JF	RST CHIPR 4.7 KOHM +-5% 1/16W 0402 FENGHUA	
R141,R142,R419,R420,R421,R422,R423,R424,R431,R442,R459,R463,R477,R710,R716,R723,R727	061G0402472-JI	RST CHIPR 4.7 KOHM +-5% 1/16W 0402 TA-I	
R473,R502,R504,R508,R509,R511,R512,R729	061G0402473-JI	RST CHIPR 47 KOHM +-5% 1/16W 0402 TA-I	
R105	061G0402473-JY	RST CHIPR 47 KOHM +-5% 1/16W 0402 YAGEO	
R138,R139	061G04024998FT	RST CHIP R 4.99ohm 1/16W +/-1%	
R407,R435	061G0402510-JF	RST CHIP 51R 1/16W 5% FENGHUA	
R140	061G0402511-JI	RST 0402 510R 5% 1/16W	
R132,R134	061G0402680-JI	RST 0402 68R 5% 1/16W	
R410,R412,R415	061G0402680-JY	RST CHIPR 68 OHM +-5% 1/16W 0402 YAGEO	
R715	061G04027501FI	RST CHIPR 7.5 KOHM +-1% 1/16W 0402 TA-I	
FB408	061G0603000-JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R607,R608	061G0603101-JF	RST CHIPR 100 OHM +-5% 1/10W 0603 FENGHUA	
R503,R505	061G0603102-JY	RST CHIPR 1 KOHM +-5% 1/10W 0603 YAGEO	
R402	061G06031472FY	RST CHIPR 14.7KOHM 1/10W YAGEO	
R414	061G06031501FI	RST 0603 1.5K 1% 1/10W TA-I	
R411	061G06034301FI	RST 0603 4.3K 1% 1/10W	
R408	061G06037151FI	RST 0603 7.15K 1% 1/10W TA-I	
R107,R108,R109,R110,R112,R115	061G0603750-JY	RST CHIPR 75 OHM +-5% 1/10W YAGEO	
R417	061G06037500FF	RST CHIPR 750 OHM +-1% 1/10W FENGHUA	
R125,R128,R130	061G06037509FI	RST 0603 75R 1% 1/10W	
R438	061G08050004JT	RST CHIPR 0 OHM +-5% 1/8W 0805 TZAI YUAN	
R718	061G1206229-JY	RST CHIPR 2.2R 5% 1/4W YAGEO	
C451,C452	065G040210131J---A	MLCC 0402 100pF +-5% 50V NPO SAMSUNG	
C404,C619,C639	065G040210232K---A	MLCC 0402 1000pF +-10% 50V X7R SAMSUNG	
C107,C121	065G040210232K---T	MLCC 0402 1000pF +-10% 50V X7R TAIYO YUDEN	
C132,C133,C440,C441,C445,C446	065G040210232K---Y	MLCC 0402 1000pF +-10% 50V X7R YAGEO	
C720	065G040210332K---Y	MLCC 0402 10nF +-10% 50V X7R YAGEO	
C141,C437,C442,C444,C448,C601,C701,C707,C714,C724	065G040210412K---F	MLCC 0402 0.1uF +-10% 16V X7R FENGHUA	
C101,C103,C125,C128,C	065G040210412K---Y	MLCC 0402 0.1uF +-10% 16V X7R	

134,C137,C412,C416,C417,C418,C419,C420,C421,C422,C423,C424,C427,C428,C429,C434,C435,C510,C715,C716		YAGEO	
C104,C131,C405	065G0402105A5K---T	MLCC 0402 1uF +-10% 10V X5R TAIYO YUDEN	
C605,C609	065G040215232K---Y	CAP CHIP 0402 1.5NF 50V X7R	
C406,C409,C411,C414	065G040218131J---F	CAP 0402 180PF 5% 50V NP0	
C436	065G040222031J---A	MLCC 0402 22pF +-5% 50V NPO SAMSUNG	
C108	065G040222031J---T	MLCC 0402 22pF +-5% 50V NPO TAIYO YUDEN	
C140	065G040222322K---F	CAP 0402 22NF 10% 25V X7R FENGHUA	
C425,C430	065G040227031J---F	CAP 0402 27PF 5% 50V NP0	
C136	065G040233031J---F	MLCC 0402 33pF +-5% 50V NPO FENGHUA	
C623,C626,C630,C637	065G040233131J---T	MLCC 0402 330pF +-5% 50V NPO TAIYO YUDEN	
C113,C114,C118,C119	065G040247131J---A	MLCC 0402 470PF +-5% 50V NPO SAMSUNG	
C102,C105,C106,C110,C117,C120,C122,C407,C408,C410,C449	065G040247312K---A	MLCC 0402 47nF +-10% 16V X7R SAMSUNG	
C433	065G040247505M---M	CAP 0402 4.7UF 20% 6.3V X5R	
C135	065G040256031J---A	MLCC 0402 56pF +-5% 50V NPO SAMSUNG	
C613,C618,C638	065G060310432K---Y	MLCC 0603 0.1uF +-10% 50V X7R YAGEO	
C725	065G060310512K---M	MLCC 0603 1uF +-10% 16V X7R MURATA	
C443,C604,C606,C607,C712,C718	065G060310512K---T	MLCC 0603 1uF +-10% 16V X7R TAIYO YUDEN	
C413,C415,C426,C431	065G060310605M---M	MLCC 0603 10uF +-20% 6.3V X5R MURATA	
C616,C622,C633,C635	065G060322422K---T	MLCC 0603 0.22uF +-10% 25V X7R TAIYO YUDEN	
C401	065G060322422K---Y	MLCC 0603 0.22uF +-10% 25V X7R YAGEO	
C130,C402,C403,C610	065G060322515K---A	MLCC 0603 2.2uF +-10% 16V X5R SAMSUNG	
C111,C112,C115,C116	065G0603225A5K---M	MLCC 0603 2.2uF +-10% 10V X5R MURATA	
C709	065G0603475A5K---M	MLCC 0603 4.7uF +-10% 10V X5R MURATA	
C705	065G080510432K---F	MLCC 0805 0.1uF +-10% 50V X7R FENGHUA	
C631,C632	065G080510532K---A	MLCC 0805 1uF +-10% 50V X7R SAMSUNG	
C109,C602,C611,C710	065G0805106A5K---A	MLCC 0805 10uF +-10% 10V X5R SAMSUNG	
C127	065G0805106A5K---T	MLCC 0805 10uF +-10% 10V X5R TAIYO YUDEN	
C621,C624,C629,C634	065G080547432K---A	MLCC 0805 0.47uF +-10% 50V X7R SAMSUNG	
C717,C719	065G1206226A5K---A	MLCC 1206 22uF +-10% 10V X5R SAMSUNG	
C126,C129,C438,C450,C708,C711,C713,C721,C722	067G311R1013LT	EC SMD 100UF 20% 16V 6.3*5.3	
FB101	071G-56D102-MA	CHIP BEAD 1000ohm 0805 1A	
FB701	071G-56G301-DA	CHIP BEAD 0805 300R 25% 4A	

	071G-56G301-MA	CHIP BEAD 0805 300OHM 4A	2nd source
FB409,FB603	071G-56K121--M	CHIP BEAD	
	071G-56K121-TA	CHIP BEAD 120R/6000mA HCB2012KF-121T60	2nd source
FB401	071G-59A121-TA	CHIP BEAD 120R/3000mA	
	071G-59A121--M	CHIP BEAD 0603 120R 25% 1608E121T3R0-LF	2nd source
FB402,FB403,FB404,FB405,FB406,FB407	071G-59C600-TA	CHIP BEAD 0603 60R 25% 600mA FCM1608CF-600T06 TAI-TECH	
	071G-59C600--M	CHIP BEAD 60 OHM 0603 600mA	2nd source
FB102,FB601,FB602	071G-59G301--M	CHIP BEAD 0603 300R 25% 200mA	
	071G-59G301-TA	CHIP BEAD 300OHM 200mA FCM1608KF-301T02	2nd source
L101,L102	073G--6310910M	CHIP INDUCTOR 1UH 10% 0.6R 25mA	
L103,L104	073G--63229-TA	CHIP INDUCTOR 2.2uH 10% FC1608F-2R2K	
L701	073G253S-68--H	SMD CHOKE 2.2uH +-30% 0.031R 2.04A	
CN501,CN502	088G-34021A-VA	HDMI HEADER 21P VAST	
	088G-34021A-VD	HDMI HEADER 21P DLK	2nd source
X401	093G-22SX02-YC	CRYSTAL YC 49U/SMD 24MHz 20PPM 18PF YC	
ZD101,ZD102,ZD103,ZD104,ZD105,ZD106,ZD107,ZD108,ZD109,ZD110,ZD111,ZD112,ZD113,ZD114,ZD115,ZD116,ZD117,ZD118,ZD401,ZD402,ZD403,ZD501,ZD502,ZD503,ZD504,ZD505,ZD506,ZD507	093G-64S500-SU	DIODE ESD MLVG04025R0QV05BP INPAQ	
CN403	311GW125F40ACX	WAFER 40P 1.25MM XINYA	
	311GW125F40ACH	WAFER 40P 1.25mm HR	2nd source
CN401	311GW200A10ADJ	WAFER 10P 2.0MM JINGSHI	
CN406	311GW200B03ADH	WAFER 3P 2.0MM HR	
U401	356G0568128019	IC SCALER MST6931XP-Z1-VB EPLQFP-128 MSTAR	
U601	356G0616028147	IC AUDIO AD52580-QG28NAT 15W E-TSSOP 28L ESMT	
U704	356G0667023	IC Power Switch APL3511CBI-TRG SOT23-5 150C ANPEC	
U402	356G223300200A	IC FLASH W25Q32FVSSIG 32M SOP-8 WINBOND	
Q401	357G0763030014	MOSFET MTP9435BDYAQ8 -8.4A -30V SOP-8-6 Cystek	
	057G-763-79	MOSFET AO4449 -7A/-30V SOIC-8 AOS	2nd source
L601,L602,L603,L604	373G253S089H01	SMD CHOKE 22UH 20% 2.2A 73.3mΩ SPI755WCCL-220 Dadon	
D401	393G006433P0HF	DIODE HF ?BAV99_R1_00001 0.5A 100V SOT-23 PANJIT	
	709T57890XS001	COMSUMPTIVE ASS'Y	
	052G---2191--A	PAPER TAPE	
	055G--23520	IPA	
	055G-100610	锡膏 TIN CREAM W/O PB	
	Q05G6054--1	接料带 SHEET	
	Q09G6012--1	铜扣 PIN	
	Q52G6026--7	擦网纸 Mesh Printting Paper	
E715	715G5789M01000004K	MAIN PCB FR4 DS 193*125*1.6mm 3 连 板 景旺	
	715G5789M01000004X	MAIN PCB FR4 DS 193*125*1.6mm 3 连	2nd source

		板 华新	
	X12G8001--1----BGP	HEAT PAD	
HS401	X90G8013--1	HEAT SINK	
	F40G230I615-3A	Ratin label for T2369M WW	
	F40GKA01624-2A	Shipping label	
	F40GTV03615-1A	T2369M IO Back LABEL WW	
	F40GTV03615-2A	T2369M IO Side LABEL WW	
	F40GTV03615-3A	POP LABEL 贴前框	
	F40GTV03615-4A	AOC TV Warranty Sticker Label	
ECN8104	F95G176H10N372	FFC CABLE 10PIN 260MM P0.5MM HONGLIN	
	F95G176X10N372	FFC CABLE 10PIN 260MM P0.5MM WENXIN	2nd source
	F95G176J10N372	FFC CABLE 10PIN 260MM P0.5MM KOTL	2nd source
ECN701	F95G801313D400	WIRE HARNESS 13P-13P 100MM GREATLAND	
	F95G801313X400	WIRE HARNESS 13P-13P 100MM XINYA	2nd source
	F95G801313T400	WIRE HARNESS 13P-13P 100MM DIY	2nd source
ECN601	F95G8014-4D162	WIRE HARNESS 4P-2P+2P 50+230mm GREATLAND	
	F95G8014-4X162	WIRE HARNESS 4P-2P 2P 50 230mm XINYA	2nd source
ECN401	F95G801410D165	WIRE HARNESS 10P-5P 380MM GREATLAND	
	F95G801410X165	WIRE HARNESS 10P-5P 380MM XINYA	2nd source
	F95G801410T165	WIRE HARNESS 10P-5P 380MM DIY	2nd source
ECN403	F95G801840D322	LVDS CABLE 30P-40P 300mm GREATLAND	
	F95G801840T322	LVDS CABLE 30P-40P 300mm DIY	2nd source
	F95G801840X322	LVDS CABLE 30P-40P 300mm XINYA	2nd source
	IRPFCXE8	IR BOARD	
SMTI01	SMTIRPFCXE8	IR BOARD FOR SMT	
	SMTIRPFCXE8WB	IR BOARD FOR SMT WB	2nd source
R203	061G0603000-JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R201	061G0603153-JY	RST CHIPR 15KOHM 1/10W YAGEO	
R205	061G0603471-JF	RST CHIPR 470 OHM +-5% 1/10W 0603 FENGHUA	
	061G0603471-JY	RST CHIPR 470 OHM -5% 1/10W 0603 YAGEO	2nd source
C201	065G060310432K---F	MLCC 0603 0.1uF +-10% 50V X7R FENGHUA	
LED201	081G--14-24-GP	CHIP LED BLUE/RED GPTD1210BRC-D GUANGPU	
	081G--14-24-EL	CHIP LED BLUE/DARK RED EVERHIGHT	2nd source
CN201	311GW125D05ACX	WAFER 5P 1.25mm XINYA	
	033G8032-5F--S--HR	WAFER 5P 1.25MM HR	2nd source
U201	356GS927057	IC IR RECEIVER IRM-H938M3/TR2 38 KHZ 6V EVERLIGHT	
E715	715G5943R01000004S	IR PCB FR4 DS 46X8.15X1.6MM 60 联板 三照	
	P15G8299--3	Vesa bkt	
	P33T0477--2-1C0100	LENS_IR	
	P34T1447-OP-1L0100	BASE	

	PLTVCD513UXD2	POWER BOARD	
	040G-45762412B	CBPC LABEL	
IC9102	056G-139--8	IC PHOTO COUPLER PS2561DL1-1 RENESAS	
NR9901,NR9902	061G--58005--W	RST NTCR 5 OHM 3A THINKING	
C9901	063G107M47410M	CAP X2 0.47UF 20% 275VAC	
C9103	065G--1K22293S	CAP CER 2.2NF 10% 1KV R TAPING TDK	
C9908	065G306K1012B3	CAP Y1 100pF +-10% 250VAC TDK	
C9906,C9907	065G306K2212B3	CAP Y1 220pF +-10% 250VAC Y5P TDK	
C9902,C9903	065G306K4712B3	Y1 CAP 470pF +-10% 250VAC CD SERIES TDK	
FB9904,FB9909	071G--55-21-H1	BEAD 6.0*10 700R 25% BF-I60100R-706B DADON	
FB9901,FB9902	071G--55906--H	BEAD 6.0*9.2 510R MIN BF-I60090C-794 DADON	
L9901	073G-174192--H	LINE FILTER 30MH MIN LCL-12012 HA	
	073G-174192--L	LINE FILTER 30MH MIN LF-013589-2	2nd source
L8102	073G-253214--H	CHOKE COIL 47uH +-10% L470R HA DADON	
F9901	084G--41-15--L	FUSE 3.15A 250V 0215 3.15MXEP	
CN9901	087G-50147C-HC	AC socket V/T 2P DB-8-01 H=14mm	
D9108,D9109	093G--60334	SCHOTTKY SR506-44 5A 60V DO-201AD TSC	
D9111,D9113	093G--60335-HF	DIODE SCHOTTKY SR515-04 X0G 5A 150V DO-201AD TSC	
CN9901_1	0Q1G-340--8140	SCREW 4.0x8.0	
CN8104	311GF050H10ABL	FFC CONN 10P 0.5mm XIANGLONG	
CN9904	311GW250B13BBX	WAFER 13P 2.5MM XINYA	
RV9901	361G0046621KZW	VARISTOR 620V 10% THINKING	
C9101,C9102	367G215X470PKZ002S	EC 47UF 20% 450V 12.5*36 2000 hr 420mA PW2W470MLT1236DLRV	
L9101,L9102	373G0253247H00	CHOKE COIL 3UH 15% DR8*8 5A Dadon	
T9101	380GL19P048H00	X'FMR 800uH 10% 20uH EFD30 BCK-13029-HA Dadon	
BD9101	393G0050460A05	BRIDGE GBL08-07 X0 4A 800V GBL TSC	
D8101	393G0060A0400T	DIODE SCHOTTKY SR310-29 X0 3A/100V DO-201AD TSC	
	705TAD93015	Q9101 ASS'Y	
Q9101_1	0M1G-930--8120	SCREW	
Q9101	357G0667A11	MOSFET STF6N65K3 5.4A 650V 30W TO-220FP ST	
HQ9101	Q90G0219--2	HEAT SINK	
	709G5804-QM001	CONSUMPTIVE ASS'Y	
	052G---2191--A	PAPER TAPE	
	055G--23520	IPA	
	055G--23524--A	WELDING FULX WITHOUT Pb 无锡助 焊剂	
	Q49G--51100	唯特偶 GW2066 水基型清洁剂 Cleaner	
	Q51G---6--4509	GLUE_RTV	
	Q55G-100622	TIN STICK(SAC0507)	
	Q55G-100625	TIN STICK_LOW ARGENTUM	
	PLCD513UXD2SMT	POWER BOARD FOR SMT	
IC9103	056G-158501	IC AS431AN-E1 150mA/40V SOT23 AAC	
IC8501	056G-700-34	IC LED DRIVER PF7001S SOP-14	

		Powerforest	
Q8101	057G-763958	MOSFET AO4482L 6A/100V SO-8 AOS	
R8103,R9142,R9143	061G0805000-JT	RST CHIPR 0 OHM +- 5% 1/8W TZAI YUAN	
R9131	061G0805102-JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R8106,R9111,R9124	061G0805103-JT	RST CHIPR 10 KOHM +-5% 1/8W 0805 TZAI YUAN	
R9114	061G0805104-JT	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN	
R8111	061G08051302FT	RST CHIP 13K 1/8W 1%	
R9123	061G08051502FT	RST 0805 15K 1/8W 1% TAZIYUAN	
R8119	061G0805154-JT	RST CHIP 150K 1/8W 5% TZAI YUAN	
R8102,R9125	061G08051803FT	RST CHIPR 180 KOHM +-1% 1/8W 0805 TZAI YUAN	
R8108	061G0805201-JT	RST CHIPR 200 OHM +-5% 1/8W 0805 TZAI YUAN	
R8104	061G0805220-JT	RST CHIPR 220OHM +-5% 1/8W TZAI YUAN	
R8105	061G0805229-JT	RST CHIPR 2R2 +-5% 1/8W TZAI YUAN	
R9110	061G0805330-JT	CHIPR 0805 33 OHM +-5% 1/8W TZAI YUAN	
R9122	061G08053301FT	RST CHIP 3K3 1/8W 1%	
R8117	061G08053901FT	RST CHIP 3K9 1/8W 1%	
R9121	061G0805471-JT	RST CHIPR 470OHM +-5% 1/8W TZAI YUAN	
R9141	061G08055100FT	RST CHIP R 510 OHM +-1% 1/8W	
R8101	061G08055102FT	RST CHIP 51K 1/8W 1%	
R9126	061G08059311FT	RST CHIPR 9.31 KOHM +-1% 1/8W 0805 TZAI YUAN	
JR901,JR902,JR903,JR904	061G1206000-JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R8110,R8116	061G12061003FT	RST CHIPR 100K +-1% 1/4W TZAI YUAN	
R9115,R9116,R9117,R9118,R9119,R9120,R9138,R9139,R9140	061G1206220-JT	CHIPR 1206 22 OHM +-5% 1/4W TZAI YUAN	
R9113	061G1206221-JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R9129	061G1206471-JT	RST 1206 470 OHM +-5% 1/4W TZAI YUAN	
R9108	061G1206479-JT	RST 1206 4.7R 5% 1/4W	
R9101,R9102,R9103	061G1206682-JT	RST CHIPR 6.8 KOHM +-5% 1/4W TZAI YUAN	
R9104,R9105,R9106,R9107	061G12068202FT	RST CHIPR 82KOHM +-1% 1/4W TZAI YUAN	
C8108,C8114,C9124	065G080510332K---Y	MLCC 0805 10nF +-10% 50V X7R YAGEO	
C8103,C8104,C8105,C8109,C9104,C9110,C9112,C9114,C9115,C9119	065G080510432K---Y	MLCC 0805 0.1uF +-10% 50V X7R YAGEO	
C9106	065G080522131J---Y	MLCC 0805 220pF +-5% 50V NPO YAGEO	
C9107,C9123	065G080522232K---Y	MLCC 0805 2200pF +-10% 50V X7R YAGEO	
C9117	065G080522432K---Y	MLCC 0805 0.22uF +-10% 50V X7R YAGEO	
C8110	065G080547131J---Y	CAP CHIP 0805 470P 50V NPO +/-5% YAGEO	
C9108	065G120610272K---Y	MLCC 1206 1000PF +-10% 500V X7R YAGEO	
D8103,D8104,D8106	093G--6433S	DIODE Switching BAV99 SEMTECH	

IC9101	356G0379007217	IC AC/DC PF6200 S SOP-7 Powerforest	
R9109	361G08051809FY	RST 0805 18R 1% 1/8W RC0805FR-0718RL YAGEO	
R8121,R8122,R8123,R8125	361G08059108FT	RST 0805 9.1 ohm 1% 1/8W SMD08059R1F TZAI YUAN	
R8113,R8114,R8115	361G12065499FT	RST 1206 54.9 ohm 1% 1/4W SMD120654R9F TZAI YUAN	
D8102,D9104	393G006432S0HF	DIODE SWITCHING 100V 0.15A 1N4148W PANJIT	
ZD9104	393G039SA2400T	DIODE ZENER BZT52-B6V8 6.8V 0.41W SOD-123 PANJIT	
ZD9105,ZD9106	393G039SA2800T	ZENER BZT52-B36 36V SOD123 PANJIT	
	PLCD513UXD2AI	POWER BOARD FOR AI	
CN9901	006G--31500	EYELET	
C9101,C9102,C9901,L9901,RV9901,T9101	006G--31502	1.5MM RIVET	
Q8102,Q8103,Q8104,Q8105,Q8107,Q9102	057G-417513--T	TRA 2N3904 TO-92 LANJIAN	
R8118	061G-60210552T--TZ	RST CFR 1M 1/6W 5%	
R8107	061G152M10852T--SY	RST MOF 0R1 5% 2W	
R9112	061G152M43852T--SY	RST MOFR 0.43 OHM +-5% 2WS FUTABA	
R9130	061G152M47152T--SY	RST MOFR 470 OHM +-5% 2WS FUTABA	
R9901	061G212Y10552T--SY	RST MGFR 1MOHM +-5% 1/2W FUTABA	
C9126	065G--1K10193T	CAP CER 100PF 10% 1KV R TDK	
C8113	067G-5151018KT	EC 100UF 20% 63V EV1J101MPN1012RSU	
C8101,C9109,C9111,C9113,C9116,C9121,C9122	067G-5153314HT---A	EC 330UF 20% 25V HSP331M1EG07VM6HTAP5	
C9105	067G-5154707KB	EC 47UF 20% 50V 6.3*11	
FB9905	071G--55-29	FERRITE BEAD	
ZD9101	093G--39A0852T	DIODE ZENER GDZJ18B PANJIT	
D9103,D9105	093G--6026T52T	DIODE RECTIFIER FR107 AO 1A/1000V TSC	
FB9903,FB9906,FB9907,FB9908,J902,J903,J904,J905,J907,J908,J909,J911,J912,J914,J915,J916,J917,J918,J919,J920,J921,J922,J923,J924,J925,J926	095G--90-23	JUMPER WIRE	
E715	715G5804P01W20001M	PWR PCB FR1 CTI>600 SS 127*182*1.6mm 2 连板 闽威	
GND1,GND2	Q09G601500100100RJ	料带端子	
	Q01G700100A003	Hand_screw	
	Q02G7071090001	BOLT (M3X9MM, 主板下方)	
	Q11G701017000L	power 板上支撑钉	
	Q12G6082--3	FOOT PAD	
	Q15G1405101	Hinge_bkt	
	Q36T-600-28--10	Non-woven Fabric for rear cover	
	Q36T-600-30--1	Non-woven Fabric for middle frame D	
	Q36T-600-37-14--GP	Non-woven Fabric for middle frame R	
	Q36T-600-49--6	Non-woven Fabric for BZE	
	Q37G0307013	HINGE	
	Q40G0001624-4A	PALLET LABEL	
	Q40G0001954-1A	S/N LABEL 贴保修卡(50*22mm)	

	Q45G2010M0101A	pe bag for manual	
	Q45G8801-TV004	PE PACKINGx290x195x0.04	
	Q45G88010TV033	底座及支架 PE 袋 (280*350)	
	Q45G88010TV037	PROTECT BAG	
	Q45G99010TV037	整机 EPE 袋(540*680)	
	Q45T--76-28NV2---R	PE BAG FOR BASE SCREW sz02742	
	Q52G---1185	3M TAPE	
	Q52G1501-TV--7---W	INSULATING SHEET	
	Q52G18010TV133	INSULATING SHEET	
	X01G8000--7	SCREW Q3x12	
	X02G8008--1	SCREW-STOPPER	
	X15T8192201	BKT_VESA	
	X15T8673101	BKT_BASE	
	X15T8682101	BKT HOLDER	
	X15T8683101	BKT_IO	
	X40G0001624-2A	装螺丝 PE bag label 55*18mm	
	X41G23MV61504A	LE23A6330/61 India manual for MTV	
	X41G78DV61508A	warranty card	
	X44GDA031010SY	EPS	
	X44GDA032010SY	EPS	
	X44GDA03301EPE	EPS	
	X44GDA0361503A	Carton for LE23A6330 IND	