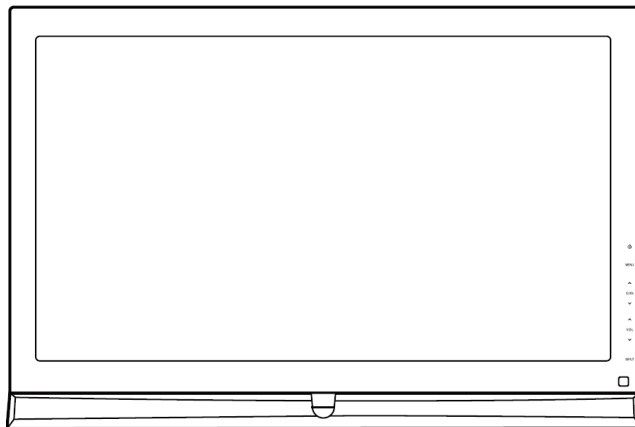


Service
Service
Service



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.)

Revision List

[illegible]

1. General Specification

Model		LE22H138	LE24H138
Panel Size		546mm(21.5")	609.7mm(24.0")
Resolution		1920 x 1080	1920 x 1080
TV System		NTSC standard PAL-M & PAL-N	NTSC standard PAL-M & PAL-N
Channel coverage		Air: 2 through 69 Cable TV: 1 through 125	Air: 2 through 69 Cable TV: 1 through 125
Speaker		3W x 2	3W x 2
Antenna impedance		75Ω	75Ω
Power source		100-240V ~ 50/60Hz, 2.0A	100-240V ~ 50/60Hz, 2.0A
Standby power consumption		<1W	<1W
Video/Audio Terminals		Side AV x1: Video/Audio Input/Audio output.	Side AV x1: Video/Audio Input/Audio output.
Video/Audio Input		VIDEO: 1 V(p-p), 75 ohm, negative sync. AUDIO: 500mv (rms)	VIDEO: 1 V(p-p), 75 ohm, negative sync. AUDIO: 500mv (rms)
Video/Audio Output		VIDEO: 1 V(p-p), 75 ohm, negative sync. AUDIO: 500mv (rms)	VIDEO: 1 V(p-p), 75 ohm, negative sync. AUDIO: 500mv (rms)
Component Input		Rear Component x1: 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)	Rear Component x1: 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 Terminals		HDMI INPUT: Rear HDMI x1; HDCP compliant E-EDID compliant	HDMI INPUT: Rear HDMI x1; HDCP compliant E-EDID compliant
VGA Terminals		VGA INPUT: Rear VGA (D-SUB 15 Pin) Input x1 E-EDID compliant Audio Input: Mini-jack for stereo (3.5ø)	VGA INPUT: Rear VGA (D-SUB 15 Pin) Input x1 E-EDID compliant Audio Input: Mini-jack for stereo (3.5ø)
Headphone		Audio Output: Mini-jack for stereo (3.5ø)	Audio Output: Mini-jack for stereo (3.5ø)
SPDIF Output		Coaxial Digital Audio Out jack	Coaxial Digital Audio Out jack
Size (W x H x D) (with base and stand)(mm)		525x 351x 101.8	584.36x 378.79x 125.69
Size (W x H x D) (without base and stand)(mm)		525x 341.13x 35	584.36x 371.62x 37.7
Weight		4.31Kg (with stand) / 3.31Kg(w/o stand and base)	5.53kg(with stand) / 4.22Kg(w/o stand and base)
Wall mount size		100 x 100 mm (Wall mount kit is not included)	75 x 75 mm (Wall mount kit is not included)
Wall-Mount accessory		Optional accessory and not included in standard package	Optional accessory and not included in standard package
Operating conditions	Temperature Humidity Altitude	0℃~+40℃ 10%~85% To 3,000m	0℃~+40℃ 10%~85% To 3,000m
Storage condition	Temperature Humidity Altitude	-10℃~+50℃ 5%~85% To 10,000m	-10℃~+50℃ 5%~85% To 10,000m

Note:

- _ 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.

2. Operating Instructions

2.1 The Use of Remote Control



Button		Description
	POWER	Press to turn on/off the TV.
	TV	Press to choose TV source mode.
	AV	Press to choose CVBS source mode.
	COMP	Press to choose Component source mode.
	HDMI/PC	Press repeatedly to choose HDMI or PC source mode.
	0-9	Press to enter TV channel number to select channel.
	PRE CH	Press to display the previous channel or source.
	VOL +/-	Press + or - to adjust the volume.
	SOURCE	The Source List should be activated and show on OSD.
	MUTE	Switch the sound ON/OFF.
	CH +/-	Press + or - to browse through the TV channels.
	▲ / ▼ / ◀ / ▶	1. Press button to navigate OSD menu 2. Cursor right key perform confirmation as well as precede next level of OSD 3. Can use cursor left to return previous level
	OK	1. Press button to activate the setting/selection of OSD 2. Press to return previous level.
	MENU/EXIT	1. Press to activate OSD menu and back to previous level of OSD 2. Exit OSD
	DISPLAY	Press to show the information about the input source, TV channel, display resolution.
	Add Fav	No support for this product.
	FAV Channel	No support for this product.
	EPG	No support for this product.
	Play/Pause	No support for this product.
	Stop	No support for this product.
	WIDE	Press to choose the display aspect.
	Photo	No support for this product.
	Freeze	No support for this product.
	MTS*	Press to activate the NTSC TV sounds, such as: Stereo, SAP** or Mono tone.
	SLEEP***	Press to set sleep timer, setting a mount of time before your TV turn off automatically.
	PICTURE	Press to choose the Picture Mode.
	AUDIO	Press to choose the Audio Mode.
	V-Chip	No support for this product.
	CC	Press repeatedly to select closed caption type as CC Off, CC On or CC On when Mute.
	-	Press to enter 1~3 digital number of TV channel.

*** Multichannel Television Sound (MTS)**

The broadcasting standard, which allows stereo sounds to be transmitted with the TV picture.

**** Second audio program (Sap)**

Another or additional audio channel provided for in the Multichannel Television Sound (MTS) broadcast standard. A monaural sound track included within the recorded or video signal (usually containing a second language translation for the displayed program).

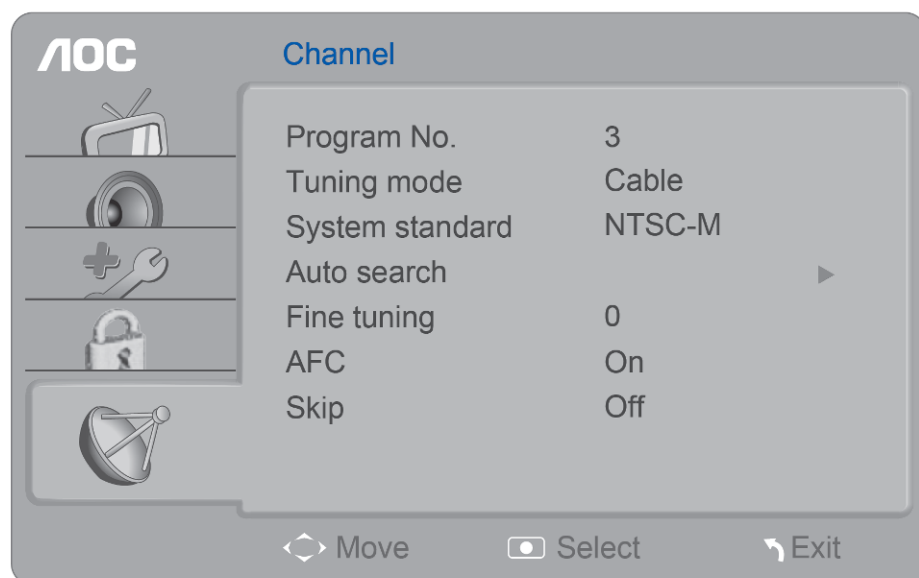
***** Sleep**

You can set a time period for which the TV will be turned off automatically.

2.2 To Use the Menus

Channel Search

This setting is only available in TV mode.



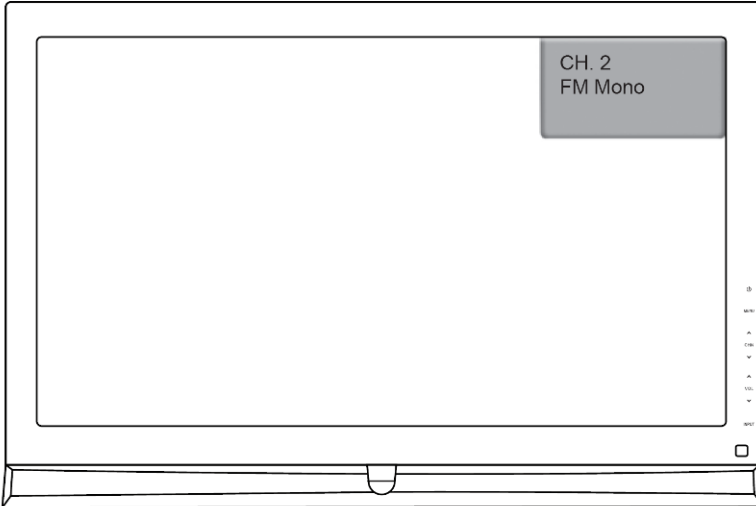
1		Press MENU/EXIT to call out MENU.
2		Press ▲/▼ to select "Channel"  , and press OK .
3		Press ▲/▼ to select "Tuning mode", and press OK . Select the mode of TV signal as Cable or Air.
4		Press ▲/▼ to select "System standard", and press OK . Set as NTSC-M, Auto, PAL-M or PAL-N. Advise please do not change this item after auto search action.
5		Press ▲/▼ to select "Auto Search", and press OK .
6		Press MENU/EXIT to exit.

The submenu of Channel shows as below:

Channel Setting Items	Description
Program No.	Shows the current channel number.
Tuning mode	Select the mode of TV signal as Cable or Air.
System standard	Can set as NTSC-M, Auto, PAL-M or PAL-N . Note: Please do not change this item after auto search action.
Auto search	Select "Auto Search" to search all signaled channel; when the searching is complete, it stays at the first channel with signal and all channels that have been located are stored. If you would like to stop "Auto Search" during the process, simply by pressing the MENU/EXIT button.
Fine tuning	Fine tunes the frequency of current channel.
AFC	"AFC" can be set to ON or OFF. Set to ON, the TV will search signal automatically; when there is any offset in the signal, will automatically adjust the channel to the correct frequency.
Skip	"Skip" can be set to ON or OFF. When it is set to ON, a channel can be skipped by pressing the switching button on the remote control or on the front panel.

Changing Channel/Flashback

On AOC TV, you can change channel on the remote control directly, or press **CH ▲/▼** on the side of the TV to choose the channel.



1. Press the number keys directly to change the channel.



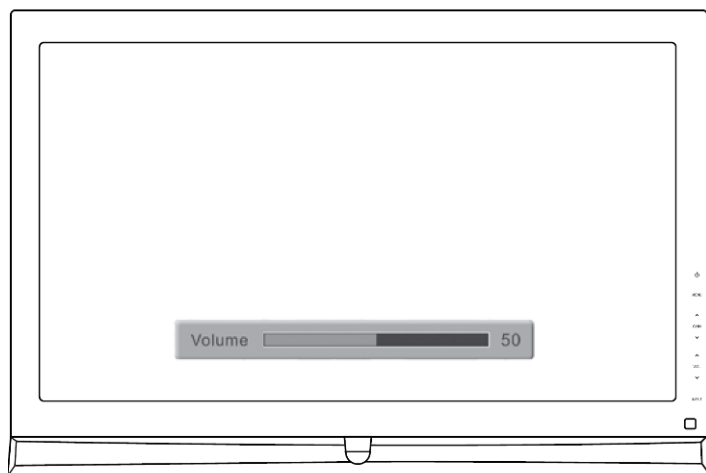
2. Press the **CH** to change channel.



3. Press **PRE CH** to go to the previous channel.



Changing Volume, Mute and Sound Mode



1. Press **VOL** to change the volume.



2. Press **MUTE** to mute the TV.

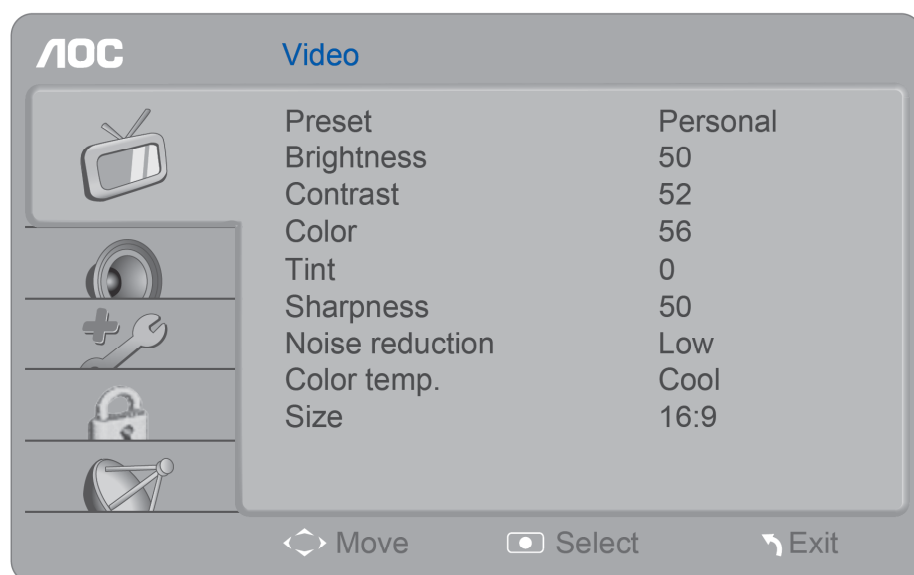


3. Press **Audio** to change audio mode.



For more details, please refer to "Adjust Audio Setting".

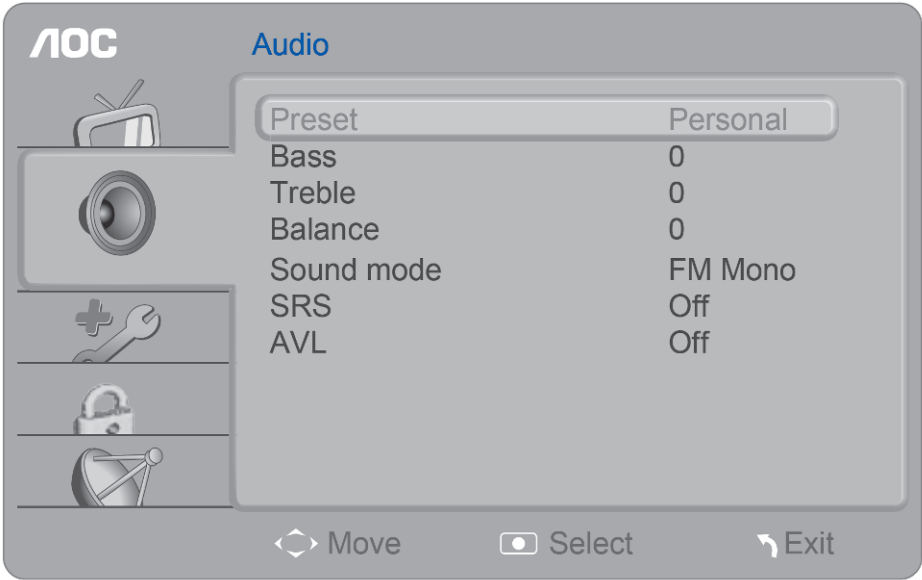
Adjust Video Setting



1		Press MENU/EXIT to call out MENU.
2		Press ▲/▼ to select "VIDEO"  , and press OK .
3		Press ▲/▼ to select Video Settings: Preset, Brightness, Contrast, Color, Tint, Sharpness, Noise reduction, Color temp, Size, and press OK to enter.
4		Press ◀/▶ to adjust.
5		Press MENU/EXIT to exit.

Picture Setting Items	Description	
Preset	Standard	For standard picture settings. Recommended for home entertainment.
	Vivid	For Enhances picture contrast and sharpness.
	Movie	For viewing film-based content. Most suitable for viewing in a theater-like environment.
	Eco mode	Decrease backlight level to save the power consumption.
	Personal	The user can set their favorite setting.
	Preset for all inputs can also be accessed by pressing Picture on the remote control to directly toggle the modes.	
Brightness	Brightens or darkens the picture. Only in Personal mode.	
Contrast	Increases or decreases picture contrast. Only in Personal mode.	
Color	Increases or decreases color saturation. Only in Personal mode.(Not support in HDMI and PC source mode.)	
Tint	Video tint adjustment, Only in Personal mode. Can only select with NTSC signal in TV, and CVBS mode.	
Sharpness	Video sharpness adjustment. Only in Personal mode. (Not support in HDMI and PC source mode.)	
Noise Reduction	Designed for different noise reduce effect, Only in Personal mode. (Not support in PC source mode.)	
Color Temp. (Only in personal mode)	Cool	Gives the white colors a bluish tint.
	Warm	Gives the white colors a reddish tint.
	Standard	Gives the white color a nature tint.
	User	In PC mode, the user can define the tint for white colors with Red, Green and Blue items.
Size	There are various functions provided for 16:9, 4:3, zoom1, zoom2.	

Adjust Audio Setting

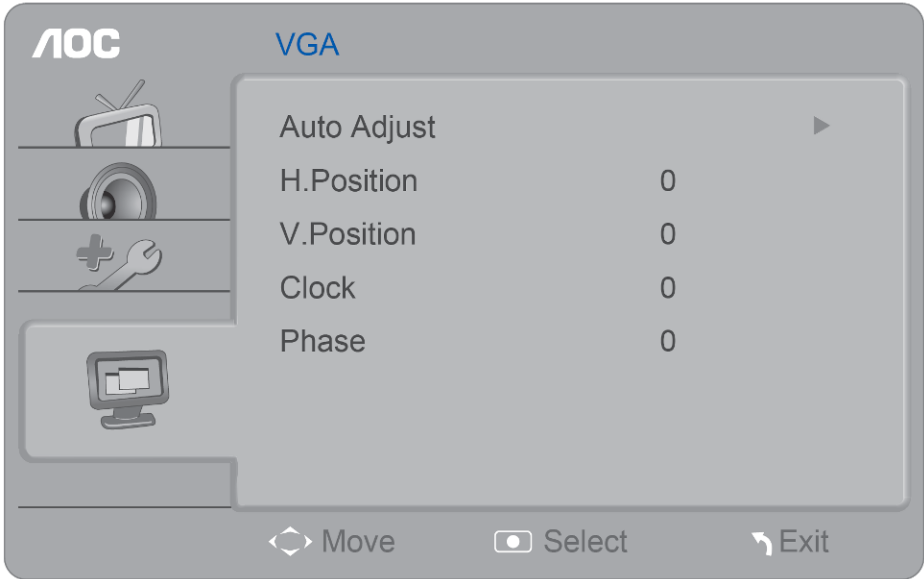


1		Press MENU/EXIT to call out MENU.
2		Press ▲/▼ to select "Audio"  , and press OK .
3		Press ▲/▼ to select Audio Settings: Preset, Bass, Treble, Balance, Sound mode, SRS, and AVL and press OK to enter.
4		Press ◀/▶ to adjust.
5		Press MENU/EXIT to exit.

Submenu items	Description
Preset	Designed for different types of sound mode. Can select Personal, Standard, Music and Speech. It can also be accessed by pressing Audio on the remote control to directly toggle the modes.
Bass	Bass tone adjustment (Only in Personal Mode.)
Treble	Treble tone adjustment (Only in Personal Mode.)
Balance	Audio balance adjustment.
Sound mode	Press to activate the NTSC TV sounds, such as: Stereo, SAP or Mono tone. It can also be accessed by pressing MTS on the remote control to directly toggle the modes. Only support in TV source mode.
SRS	SRS function on or off. If on, all other items will be hided in the audio setting.
AVL	Choose On or off to adjust volume to be consistent across programs and channels automatically.

Adjust PC Setting

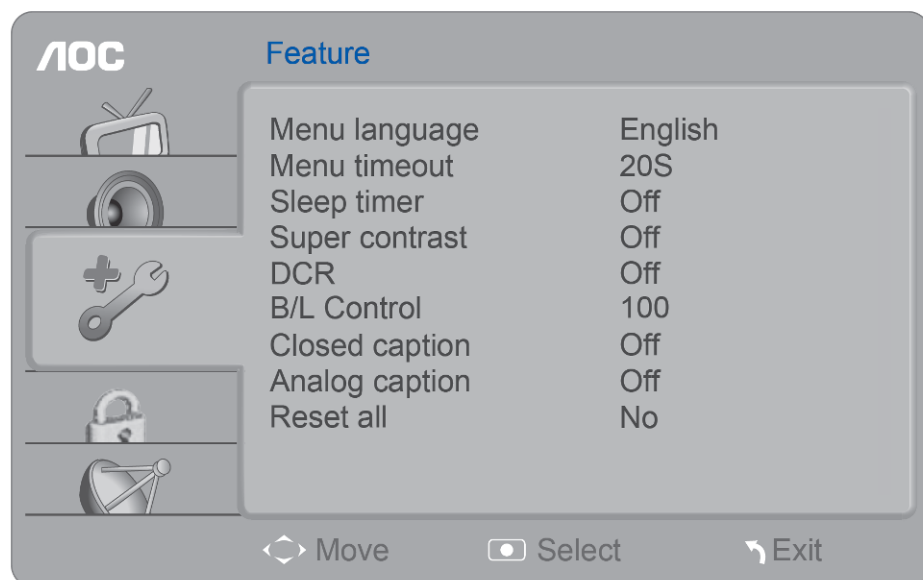
This setting is only available in PC mode.



1		Press MENU/EXIT to call out MENU.
2		Press ▲/▼ to select "VGA"  , and press OK .
3		Press ▲/▼ to select VGA Settings: Auto adjust, H.Position, V.Position. Clock, Phase and press OK to enter.
4		Press ◀/▶ to adjust.
5		Press MENU/EXIT to exit.

PC Setting	Description
Auto Adjust	Auto sync. PC timing to fit full screen display. For detail supported timing, please refer PC Input Signal Reference Chart.
H. Position	Adjusts the Horizontal position.
V. Position	Adjusts the Vertical position.
Clock	Adjusts the Clock frequency on VGA signal.
Phase	Adjusts the Phase on VGA signal.

Feature Setup



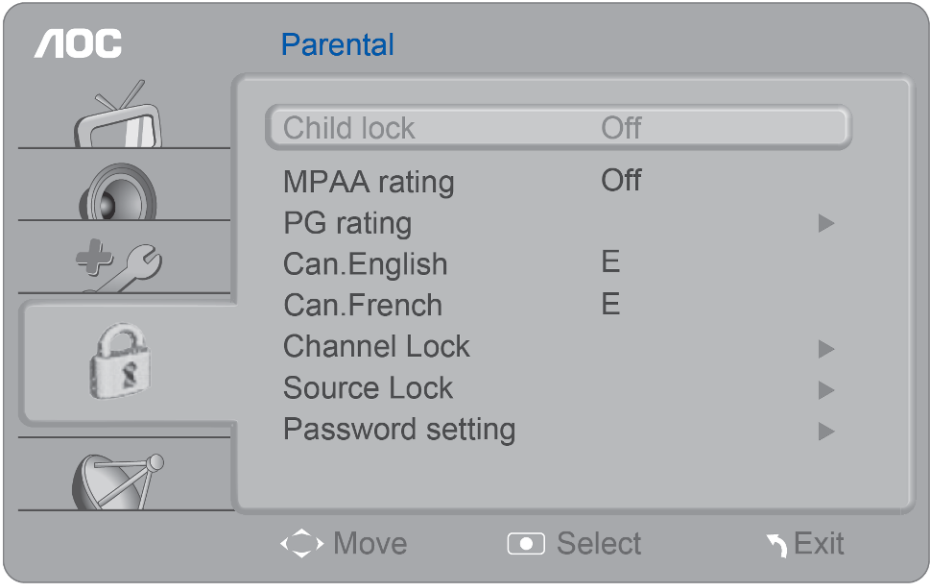
1		Press MENU/EXIT to call out MENU.
2		Press ▲/▼ to select "Feature"  , and press OK .
3		Press ▲/▼ to select Feature Settings: Menu Language, Menu timeout, Sleep timer, Super Contrast, DCR, B/L Control, HDMI Overscan, Closed caption, Analog caption, Reset all, and press OK .
4		Press ◀/▶ to adjust.
5		Press MENU/EXIT to exit.

The submenu of Feature shows as below:

Feature Setting Items	Description
Menu Language	Adjust the OSD language setting for this TV unit.
Menu timeout	Set time duration for OSD display.
Sleep Timer	You can set a time period for which the TV will be turned off automatically (Not support in PC source mode.)
Super Contrast	Enhance contrast effect. (Only support when the video mode in personal.)(Not support in PC source mode.)
DCR	Enable/Disable Dynamic Contrast Ratio (DCR). Auto adjusts the backlight of the screen and contrast. (Only support when the video mode in personal.)
B/L Control	Adjust backlight level, it is not display when the DCR is On. (Only support when the video mode in personal.) (When backlight level is set too low, you may see the white flash, It's a normal situation.)
HDMI overscan	Choose On of Off to select HDMI Overscan mode(Only in HMDI mode.)
Closed Captions	Select a closed caption option, Can only select in TV and CVBS mode.
Analog Captions	Select an analog caption option, Can only select in TV and CVBS mode.
Reset all	Restore some user settings to the default settings.

Parental Control:

This setting is only available in TV, CVBS modes.



1		Press MENU/EXIT to call out MENU.
2		Press ▲/▼ to select “Parental”  , and press OK .
3		Press ▲/▼ to select Child lock, and press OK .
4		Press numeric buttons to enter the password (default password is 0000).
5		Press ▲/▼ to select Parental Setting items: Child lock, MPAA rating, PG rating, Can.English, Can.French, Channel lock, Source Lock, Password setting, etc. and press OK to enter.
6		Press MENU/EXIT to exit.

The submenu of Parental shows as below:

- 1. Child lock: Enable/Disable Child lock function.
- 2. MPAA Rating:

1		Press ▲/▼ to select MPAA , and press OK .
2		Select the rating you want to lock. The rating you locked and all higher ratings will be locked. You can select G, PG, PG-13, R, NC-17, X or Off.
3		Press MENU/EXIT to exit.

3. PG rating:

1		Press ▲/▼ to select PG Rating, and press OK .
2		Press ▲/▼/◀/▶ to select a rating, then press OK to lock or unlock the rating. The rating you locked and all higher ratings will be locked.
3		Press MENU/EXIT to exit.

Note:

If you lock or unlock the A (all) rating, all the ratings (D, L, S, V and FV) are locked or unlocked.

4. Can.English:

1		Press ▲/▼ to select Can.English, and press OK .
2		Select the rating you want to lock. The rating you locked and all higher ratings will be locked. You can select E, C, C8+, G, PG,14+, or 18+.
3		Press MENU/EXIT to exit.

5. Can.French:

1		Press ▲/▼ to select Can.English, and press OK .
2		Select the rating you want to lock. The rating you locked and all higher ratings will be locked. You can select E, G, 8+, 13+, 16+, or 18+.
3		Press MENU/EXIT to exit.

6. Channel Lock: Select channel lock or not.

7. Source Lock: Select source lock or not.

8. Password Setting:

1		Press ▲/▼ to select Password Setting, and press OK .
2 Enter old password 		Press Number Key to enter the old password.
3 Enter new password 		Press Number Key to enter the New password.
4 Confirm new password 		Press Number Key to enter the New password.
5		Press MENU/EXIT to exit.

2.3 How to Connect

Connecting TV Cable System or VHF/UHF Antenna System

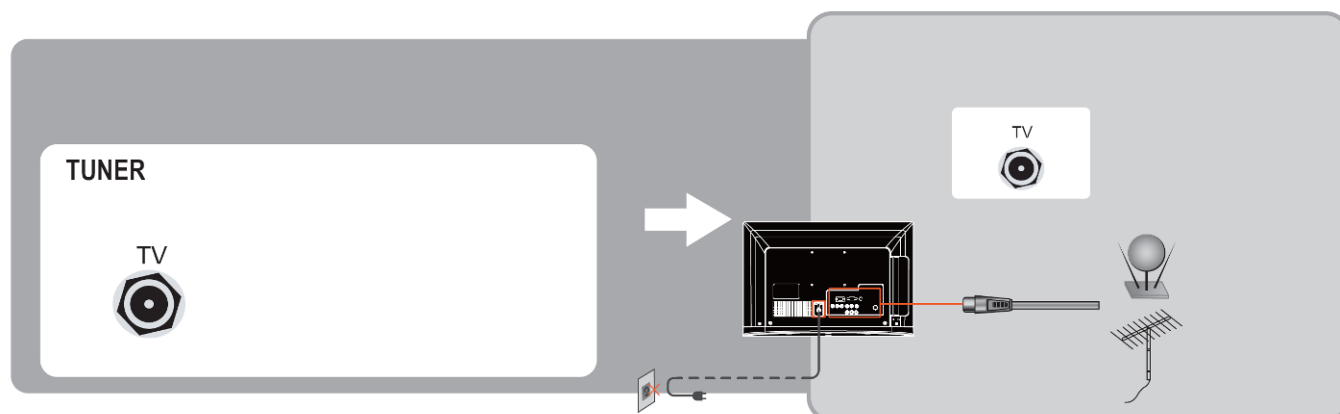
You can enjoy standard-definition and high-definition digital programming (if available in your area), along with standard-definition analog programming.

This TV is capable of receiving unscrambled digital programming for both cable and external VHF/UHF antenna.

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)

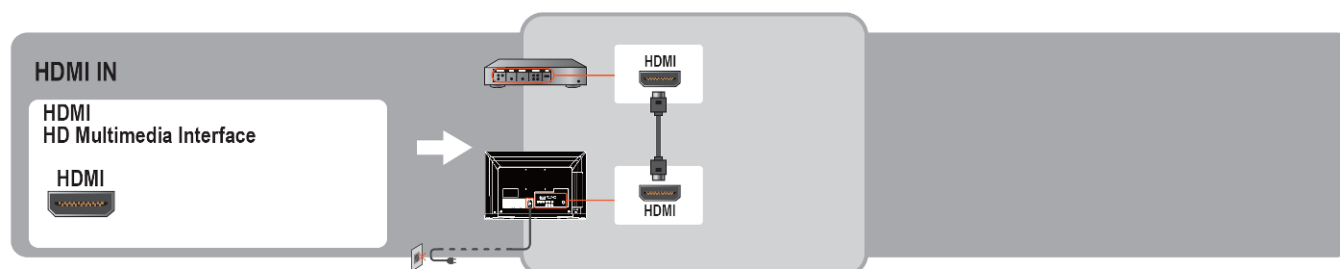
75-ohm coaxial cable → Rear of TV VHF/UHF input



High Definition Interface

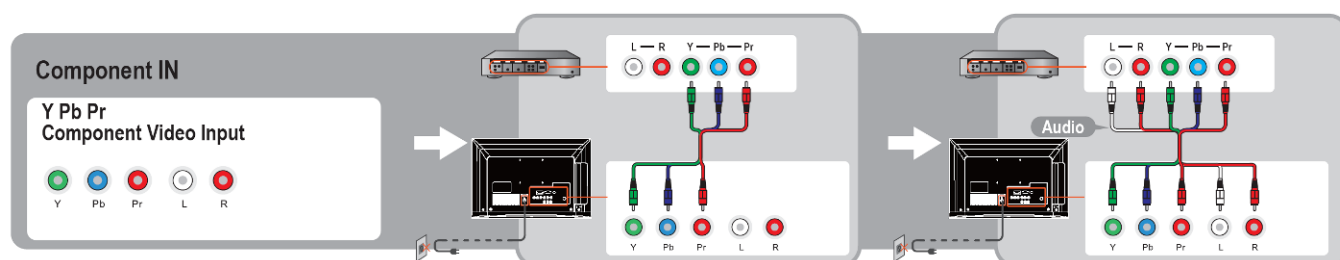
You can enjoy high-definition programming by subscribing to a high-definition cable service or a high-definition satellite service. For the best possible picture, make sure you connect this equipment to your TV via the HDMI or component video (with audio) input on the back of your TV.

HDMI Connection

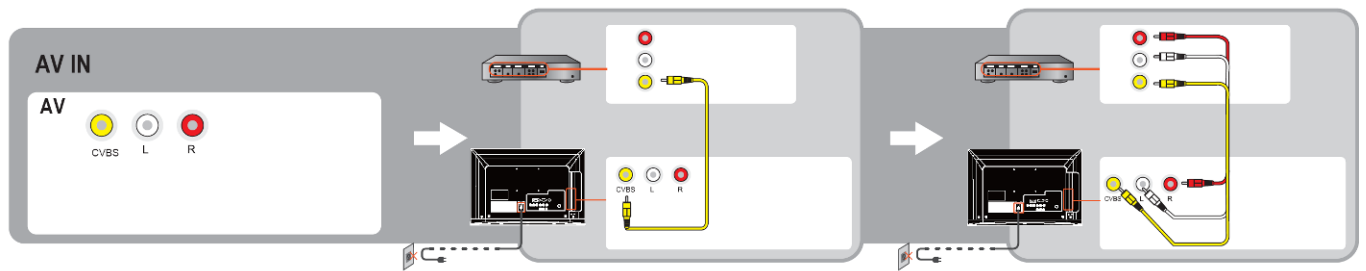


If the equipment has a DVI jack and not an HDMI jack, connect the DVI jack to the HDMI IN (with DVI-to-HDMI cable or adapter) jack and connect the audio jack to the PC AUDIO IN jacks.

Component Signal Connection

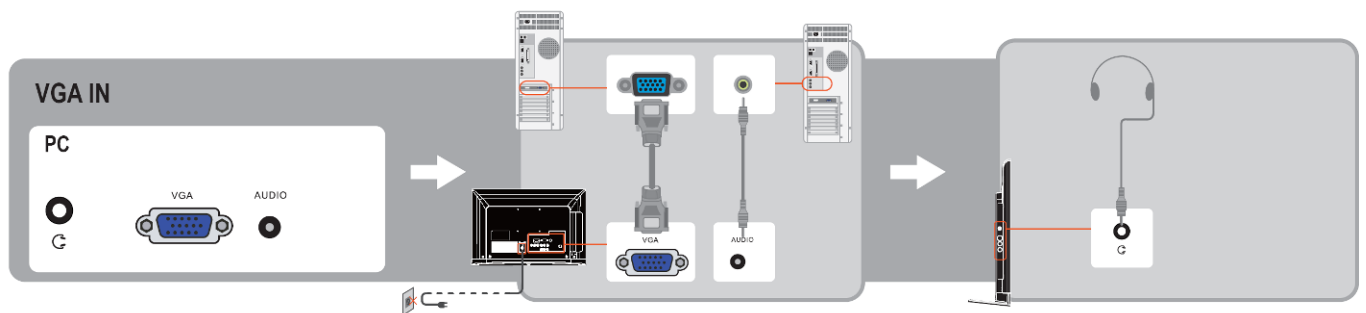


Composite Signal Connection



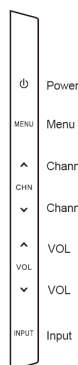
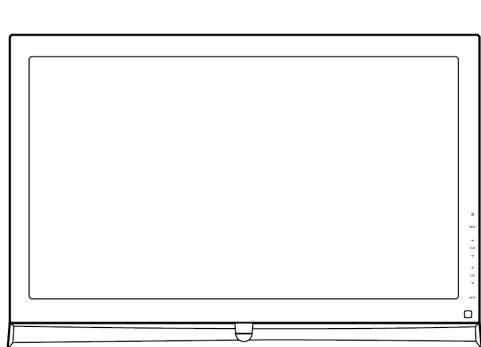
PC Connection

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. (Refer to the separate Quick Setup Guide.)

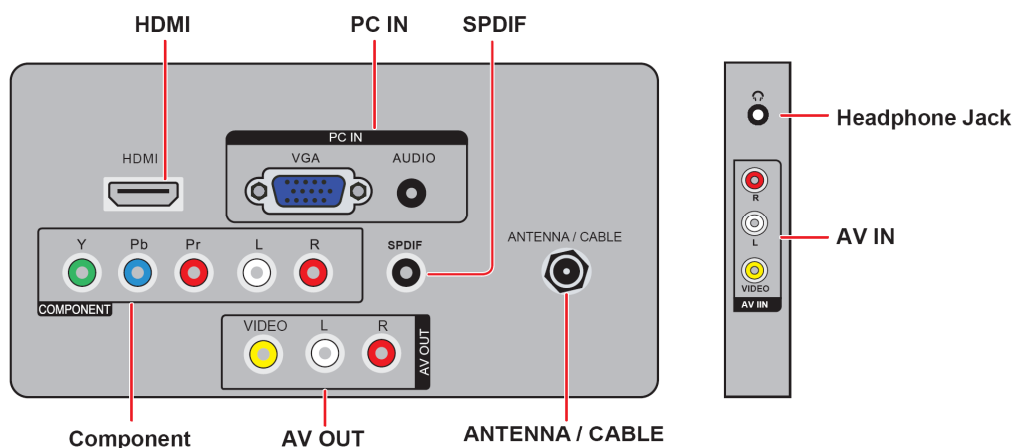


- Connect the PC IN jack to the PC using the HD15- HD15 cable with ferrite core (analog RGB) and audio cable.
- If the PC is connected to the TV and no signal has been input from the PC for more than 30 seconds, the TV enters the standby mode automatically.

2.4 Front Panel Control Knobs



1.	Power	Press to turn on / off (standby) the TV set.
2.	MENU	Press to open or exit the OSD (on-screen display) menu.
3.	CH	Press to select the next higher program number.
4.	CH	Press to select the next lower program number.
5.	VOL	Press to increase the sound volume level.
6.	VOL	Press to decrease the sound volume level.
7.	INPUT	Press to select the input source.



Item	Description
Headphone Jack	Connects to your headphones. If your headphones do not match the jack, use a suitable plug adapter (not supplied). While headphones are connected, the TV speakers are muted.
AV IN L-AUDIO-R	Connects to the COMPOSITE VIDEO output jack from your video equipment that has COMPOSITE, and audio (L/R) jacks can connect audio source to your TV.
AV OUT L-AUDIO-R	Connect to the COMPOSITE Video/Audio input jacks from your equipment that has COMPOSITE jack. TV/AV source can support this function.
HDMI IN	HDMI (High-Definition Multimedia Interface) provides an uncompressed, all-digital audio/video interface between this TV and any HDMI-equipped audio/video equipment, such as a set-top box, DVD player, Blu-ray Disc player, A/V receiver as well as PC. HDMI supports enhanced, or high-definition video, plus digital audio. 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 of HDMI IN. DVI-to-HDMI cable DVI-to-HDMI adapter HDMI connection is necessary to view 480i, 480p, 720p, 1080i and 1080p formats. Be sure to use only an HDMI cable that bears the HDMI logo.
PC IN (RGB/AUDIO)	Connects to a personal computer's video output connector using HD15-HD15 cable (analog RGB). Can also be connected to other analog RGB equipment. See "PC Input Signal Reference Chart" on page 15 for the signals that can be displayed. For some Apple Macintosh computers, it may be necessary to use an adapter (not supplied). If this is the case, connect the adapter to the computer before connecting the HD15-HD15 cable. If the picture is noisy, flickering or not clear, adjust Phase and Pitch of Screen settings.
Component IN L-AUDIO-R	Connects to your TV's component video (YPbPr) and audio (L/R) jacks. Component video provides better picture quality than the composite video connections. Component video (YPbPr) connection is necessary to view 480i, 480p, 720p, 1080i and 1080p formats.
TV(VHF/UHF/Cable) Input	RF (Radio Frequency or modulated signal design used as the carrier for television broadcasts.) input that connects to your Cable or VHF/UHF antenna.
SPDIF	SONY/Philips Digital Interconnect Format. SPDIF is mostly used to transmit compressed multichannel audio from a media player to an Amplifier/receiver.

3. Input/Output Specification

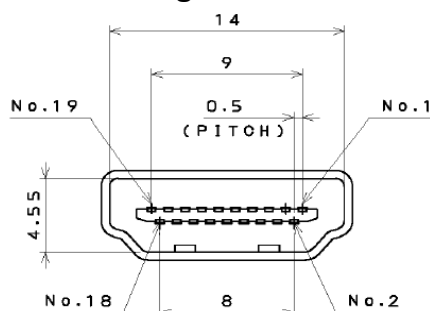
3.1 RGB Signal Input



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	RXD
4	TXD	12	Serial Data for DDC
5	Ground	13	H-Sync.
6	Red Ground	14	V-Sync.
7	Green Ground	15	Serial Clock for DDC
8	Blue 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	Reserved (N.C. on device)
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

3.3 Compatible Mode Table

PC Input Signal Reference Chart

After connecting the PC to the TV, set the output signal from the PC according to the chart below for 21.5" 24" TV.

Standard	Resolution	Horizontal(KHz)	Frequency(Hz)
VESA	640 x 480	31.469	59.94
VESA	800 x 600	35.156	56.250
VESA	800 x 600	37.879	60.317
VESA	1024 x 768	48.363	60.004
VESA	1360 x 768	47.72	59.799
WXGA+	1440 x 900	55.935	59.887
WSXGA	1680 x 1050	64.674	59.884
FHD	1920 x 1080	67.5	60

Video Input Signal Reference Chart

After connecting the video input to the TV, set the output signal from the video input according to the chart below for 21.5" 24" TV.

Standard	Resolution	Horizontal(KHz)	Vertical(Hz)
SD	480i	15.734	60
SD	480P	31.5	60
HD	720P	45	60
HD	1080i	33.75	60
FHD	1080p	67.5	60

4. Mechanical Instructions

LE22H138

1. Up to separate TV and BASE.



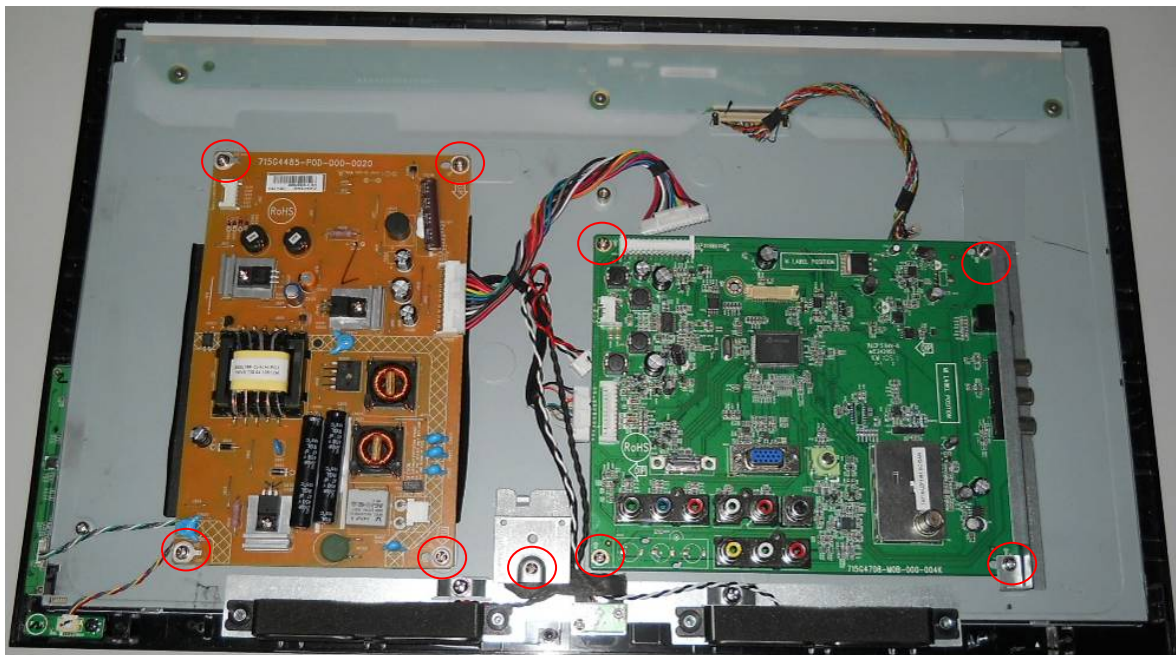
2. Remove the screws to remove REAR COVER and COVER_IO.



3. Remove the screws to remove AC COVER.



4. Remove the screws to remove BRACKET_AC, MAIN BOARD and POWER BOARD.



5. Remove the screws to remove SPEAKERS.



6. Remove the screws to remove LED BOARD, KEY BOARD, IR BOARD and BKT-SPEAKER and separate PANEL and bezel.



LE24H138

1. Up to separate TV and STAND.



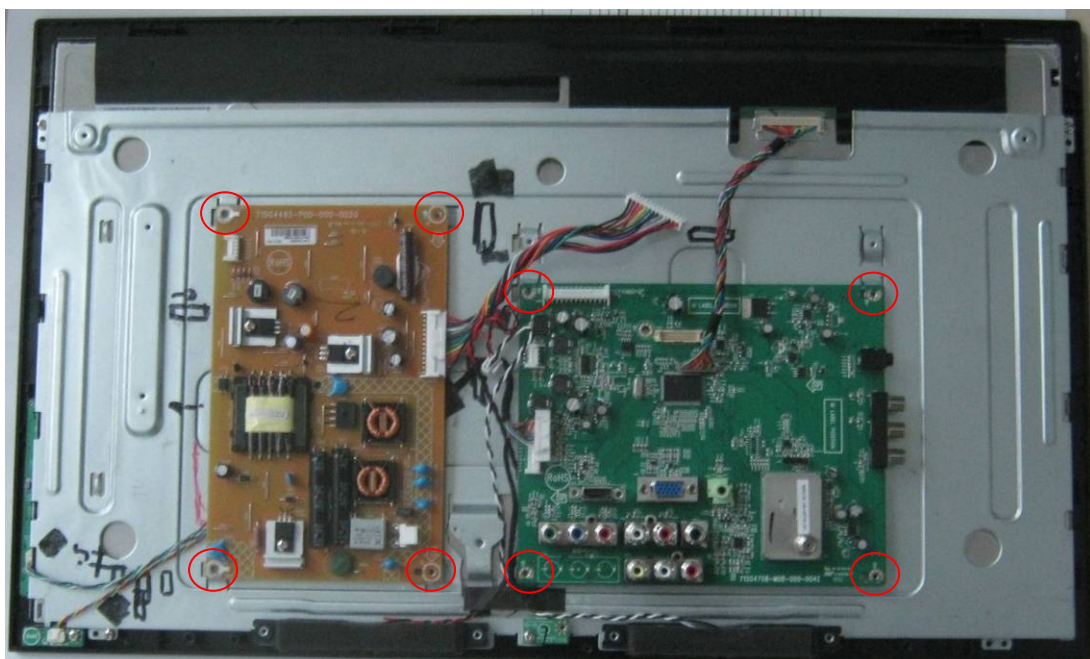
2. Remove the screws to remove REAR COVER and COVER IO.



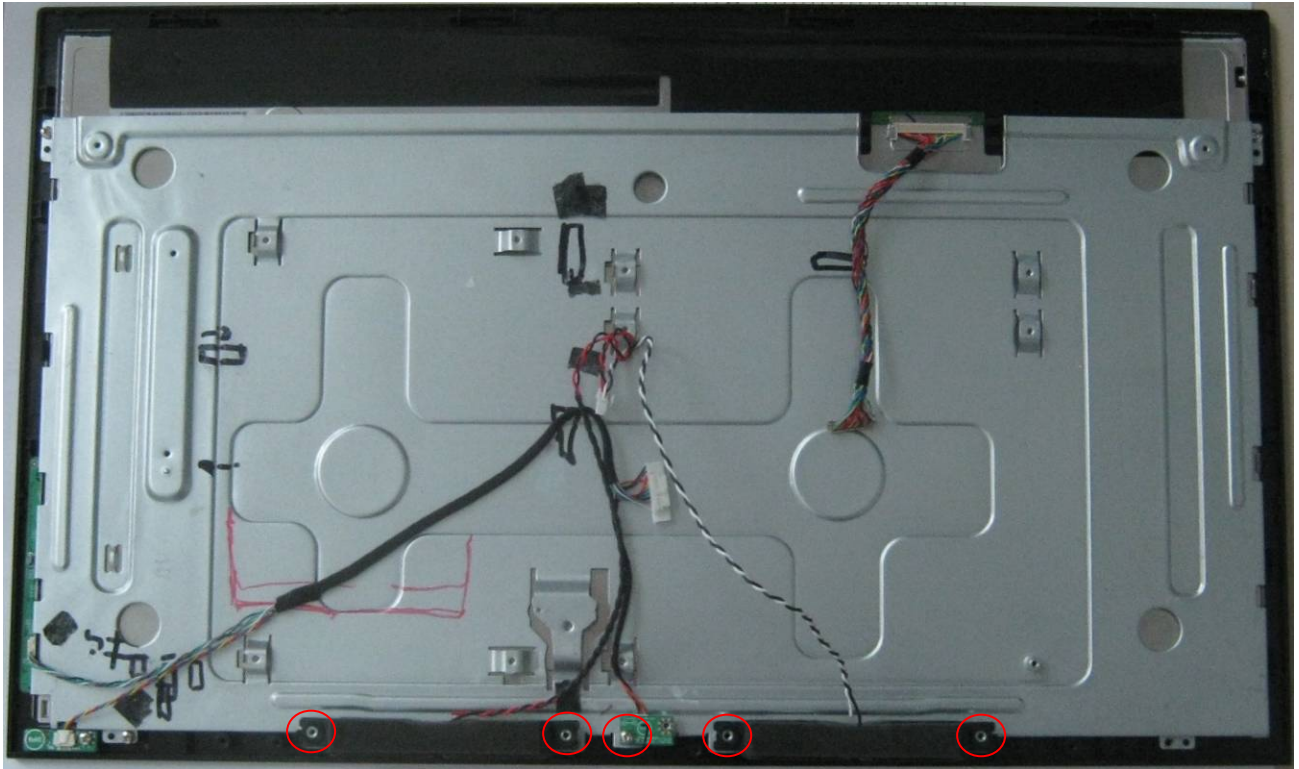
3. Remove the screws to remove AC COVER.



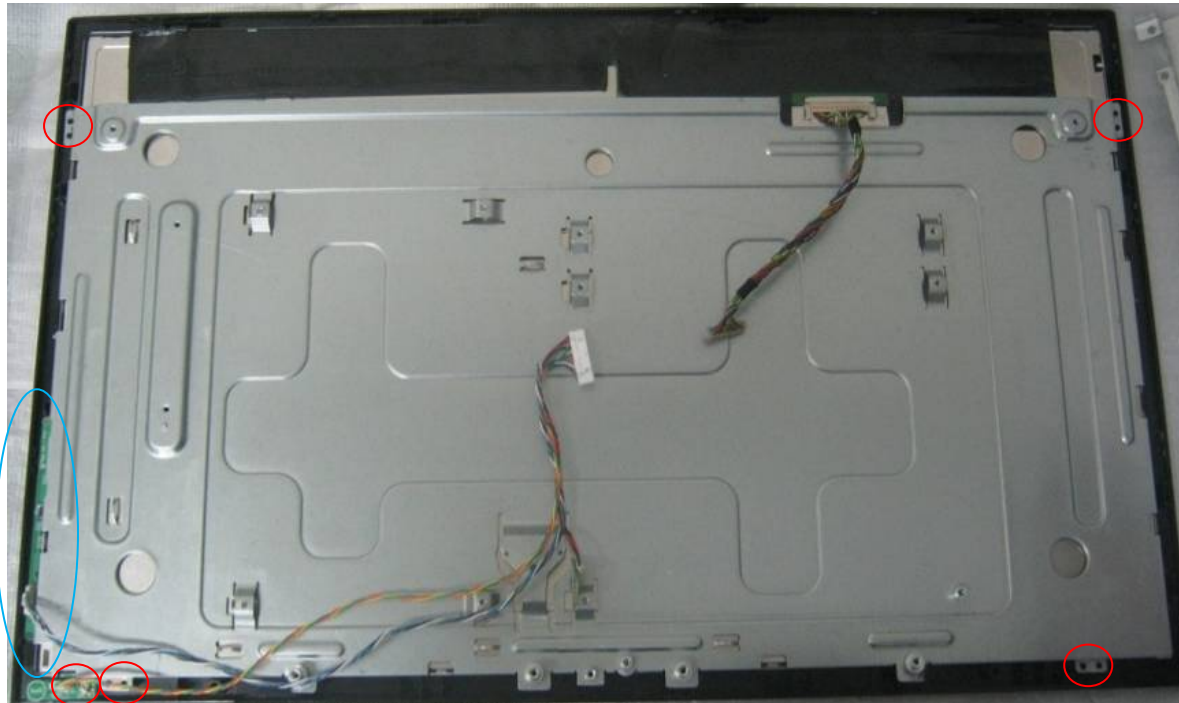
4. Remove the screws to remove MAIN BOARD and POWER BOARD.



5. Remove the screws to remove SPEAKERS and LED BOARD.

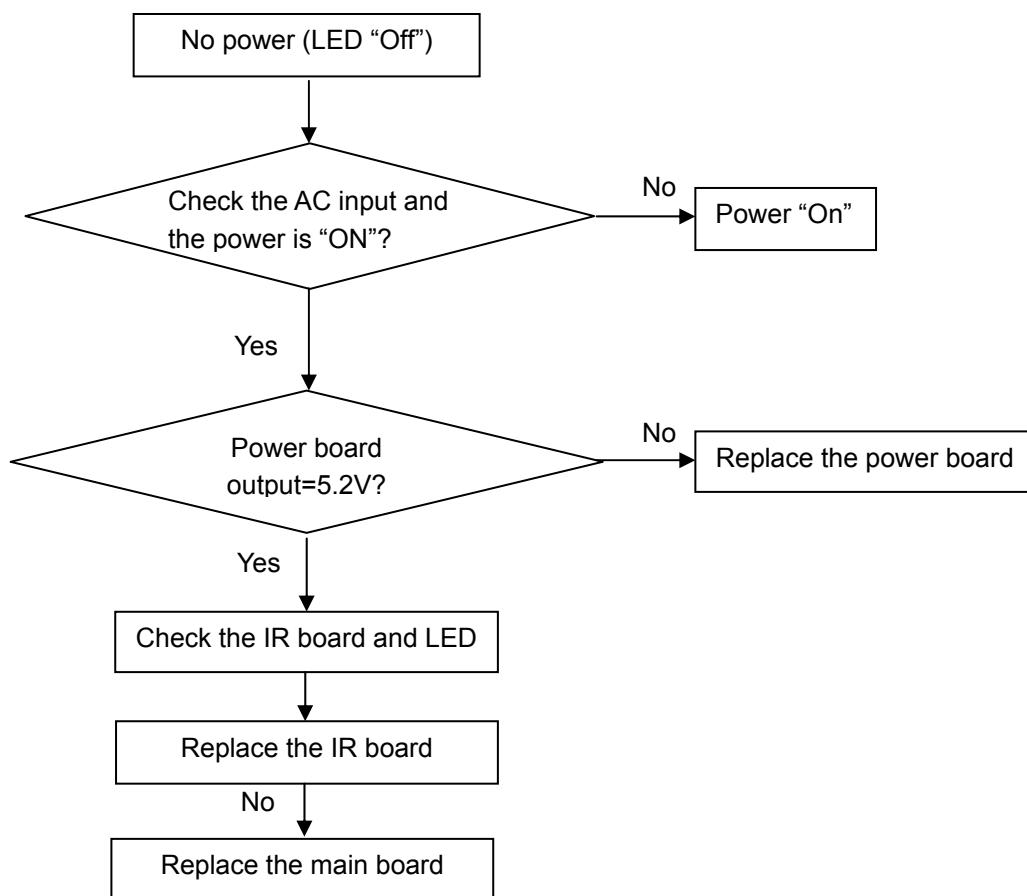


6. Remove the screws to remove KEY BOARD, IR BOARD and separate PANEL and MAIN_FRAME.

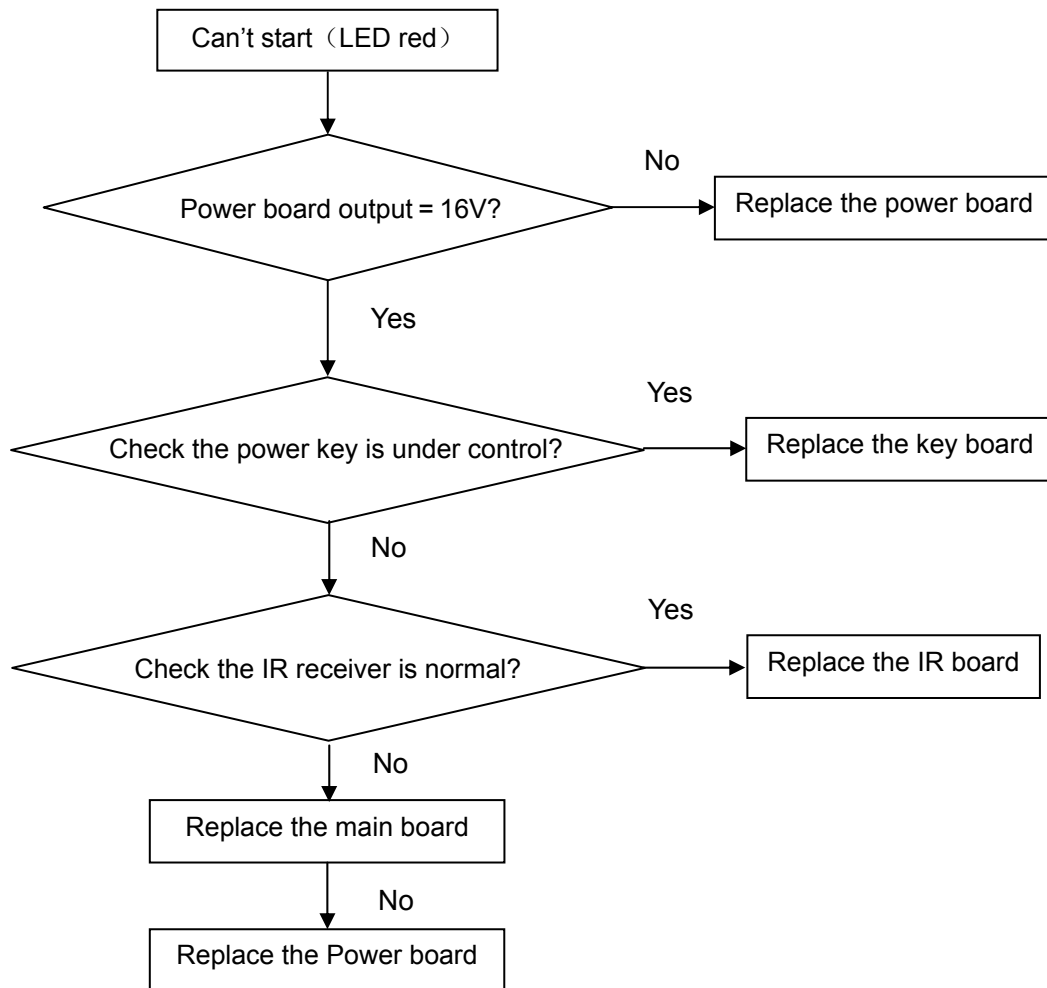


5. Repair Flow Chart

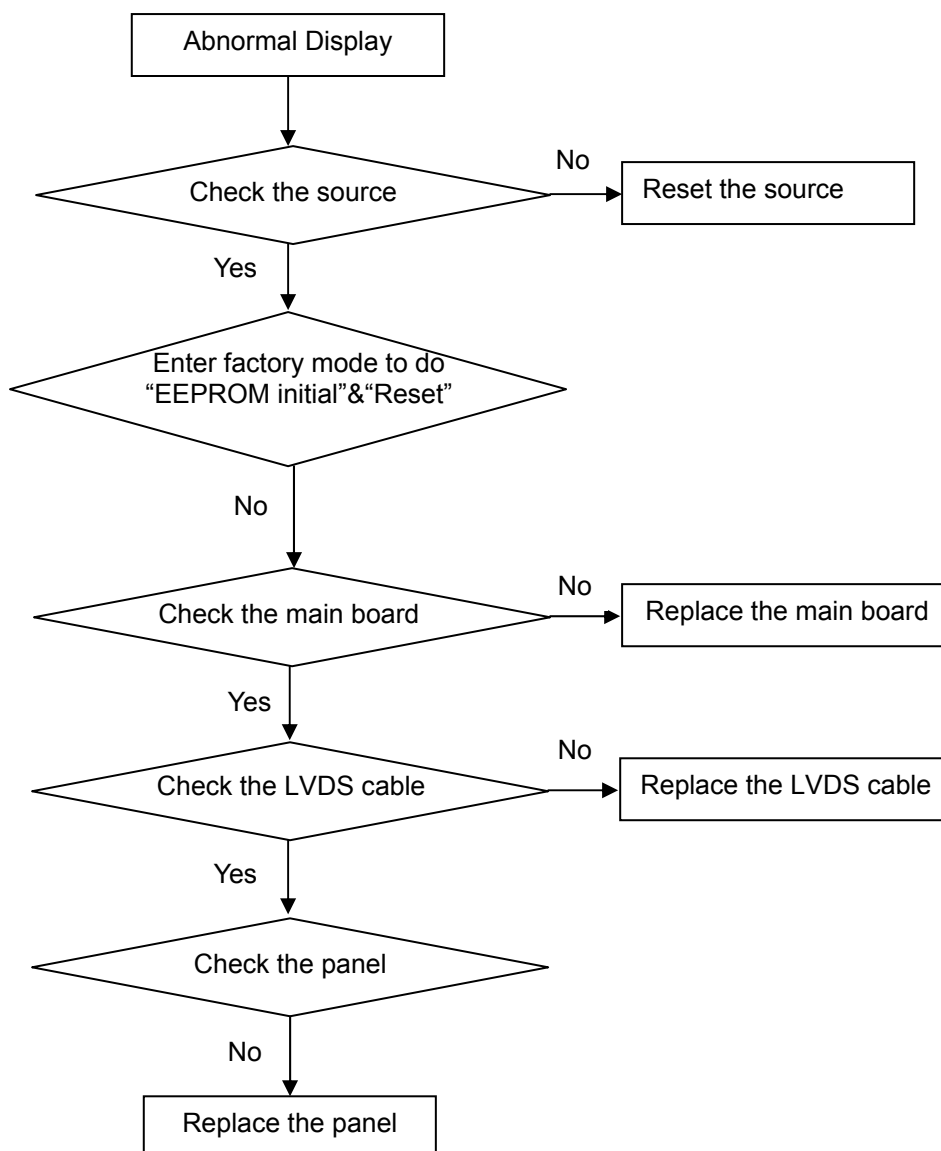
1. No power



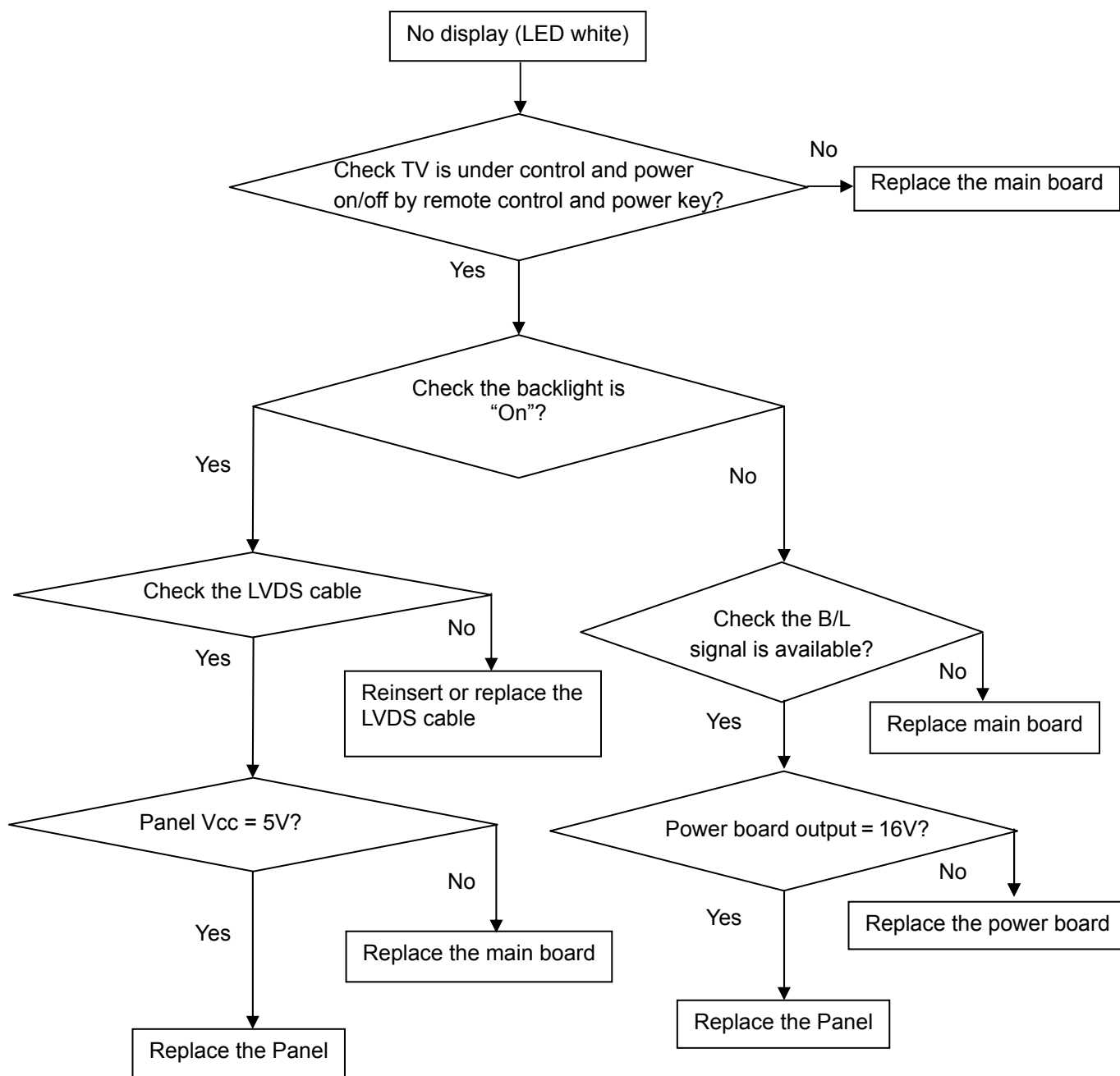
2. Can't start



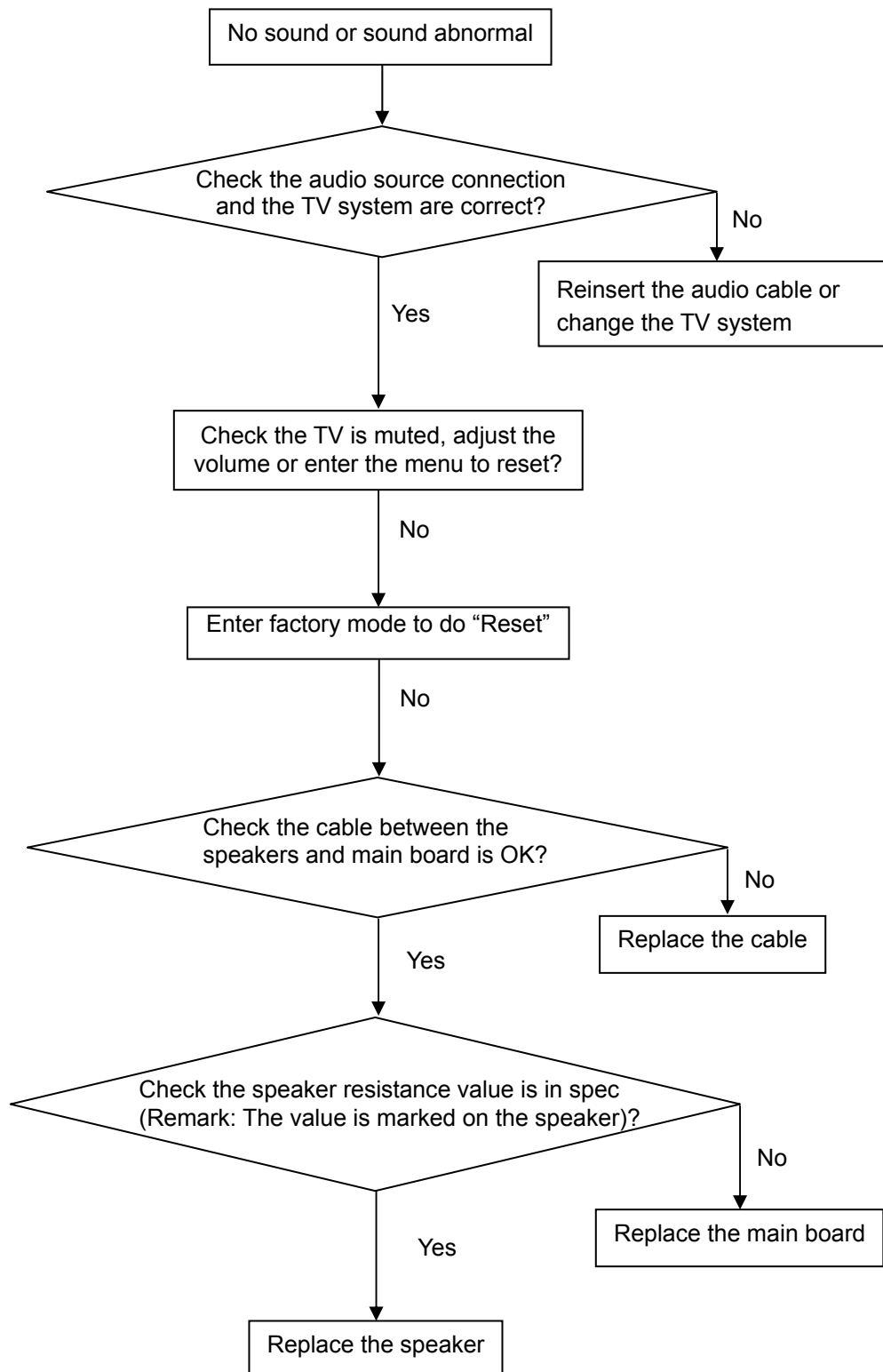
3. Abnormal display



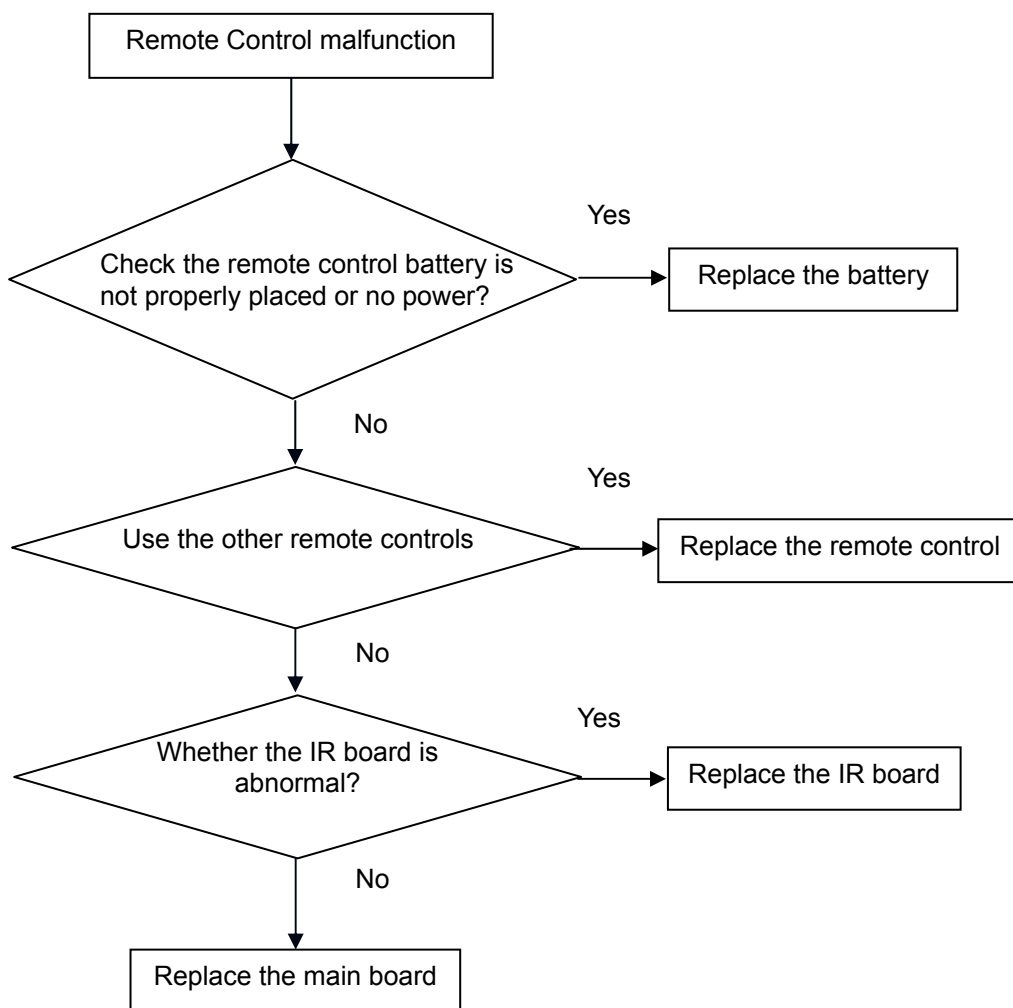
4. No display



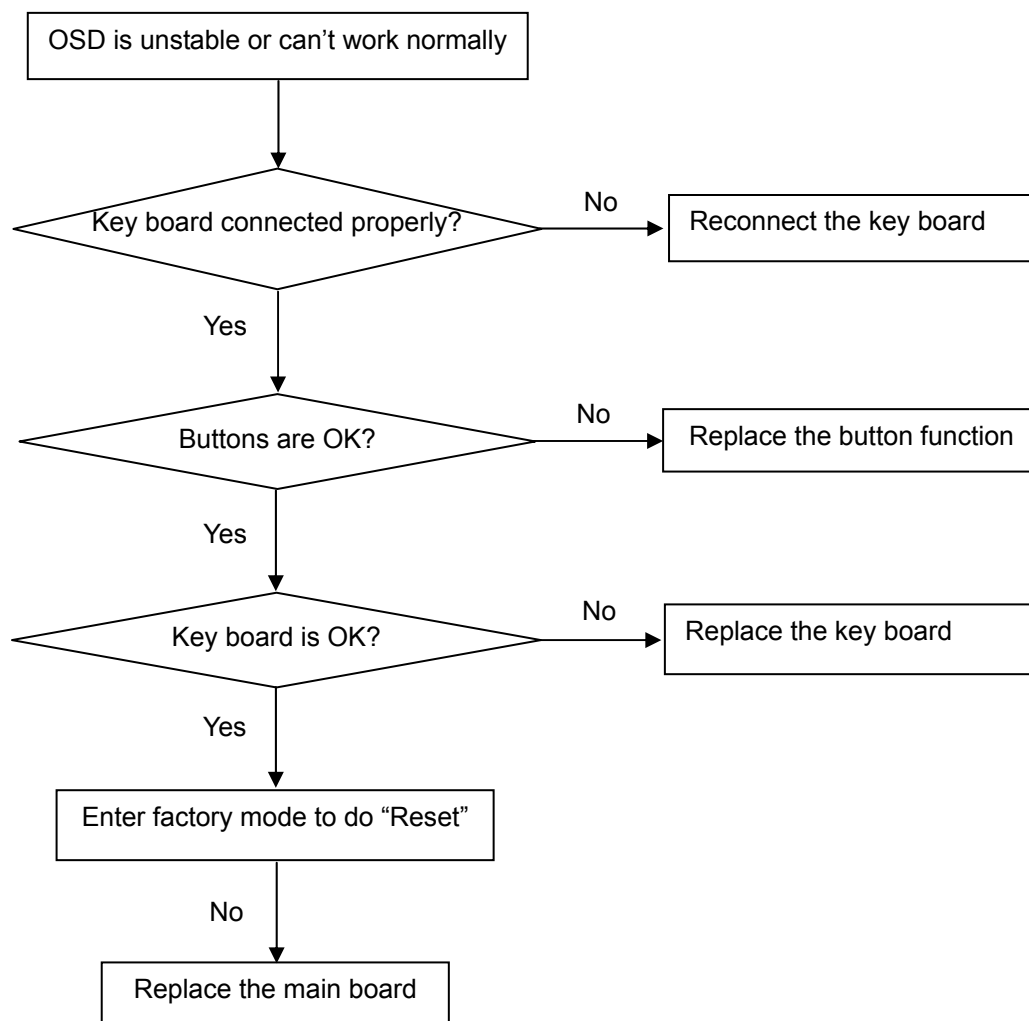
5. Sound problem



6. Remote control malfunction

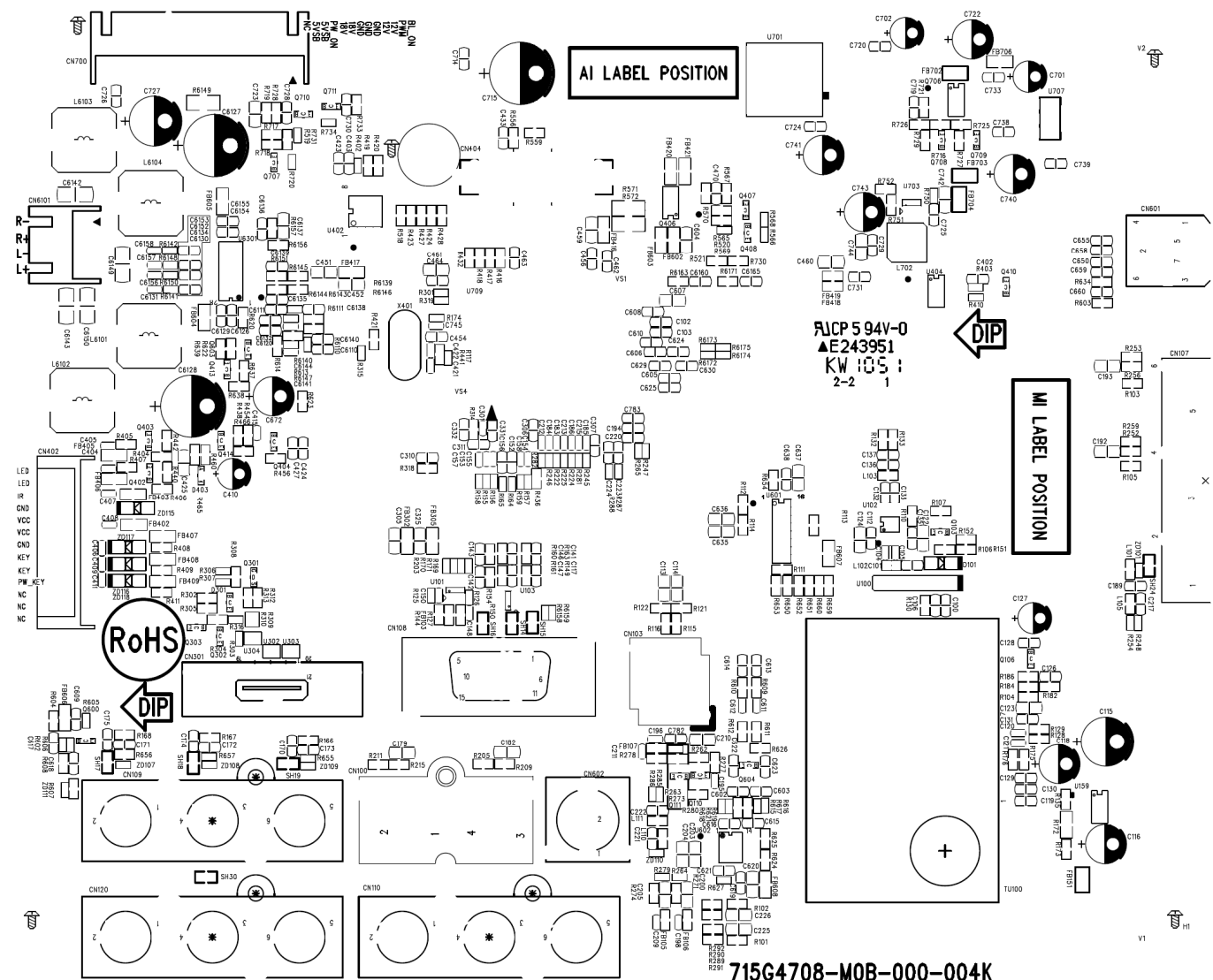


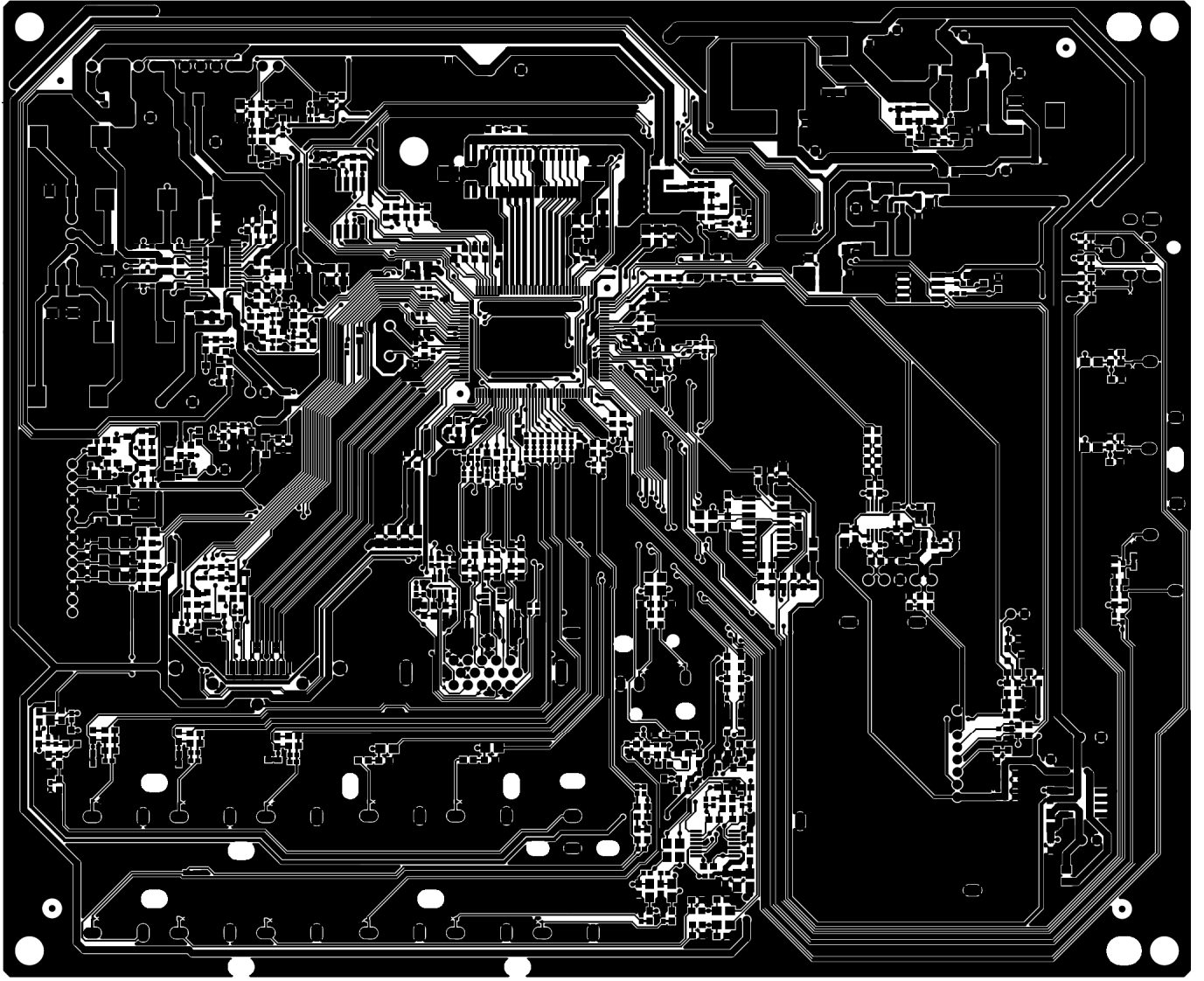
7. OSD is unstable or can't work normally



6.1 Main Board

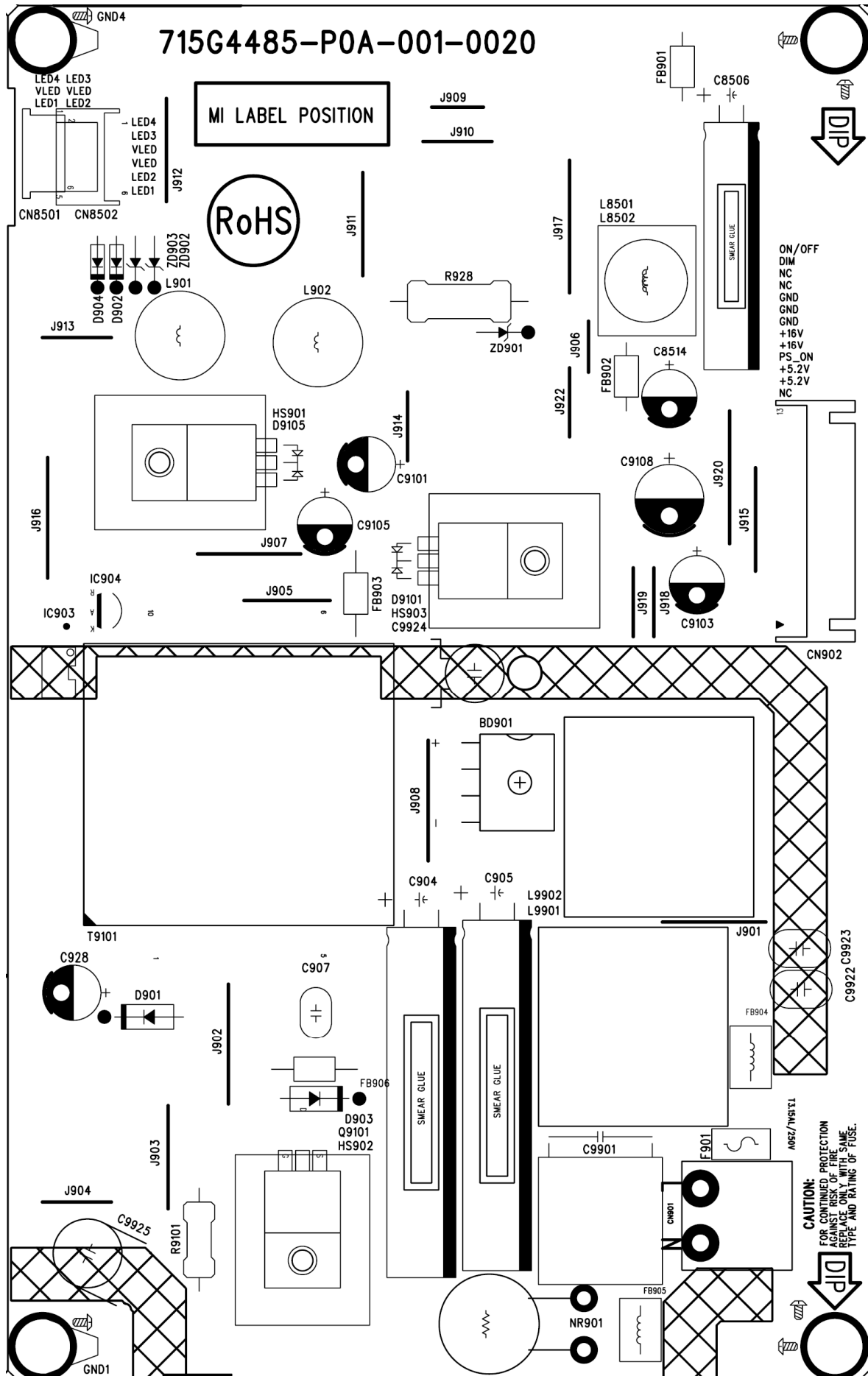
715G4708M0C000004K

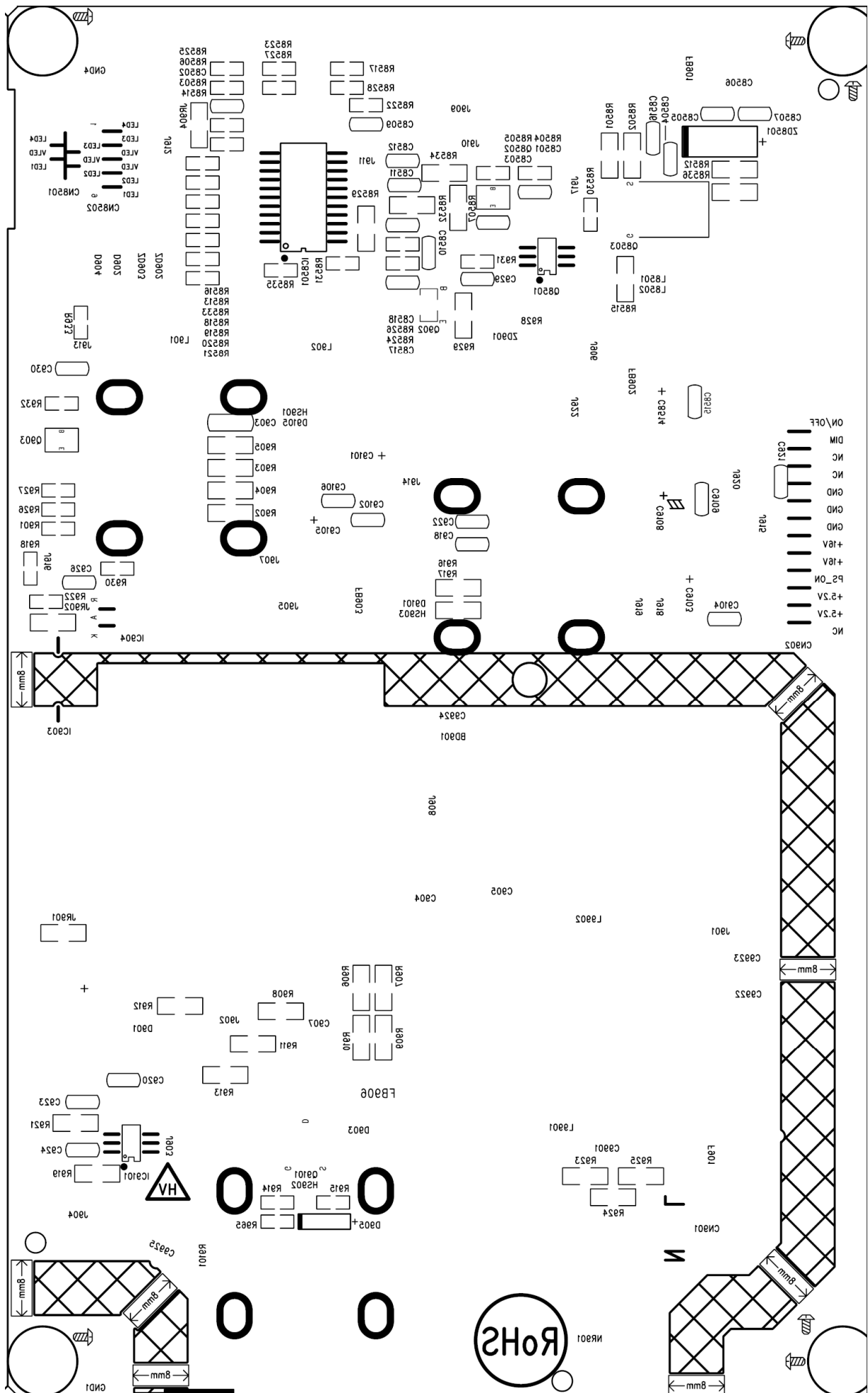


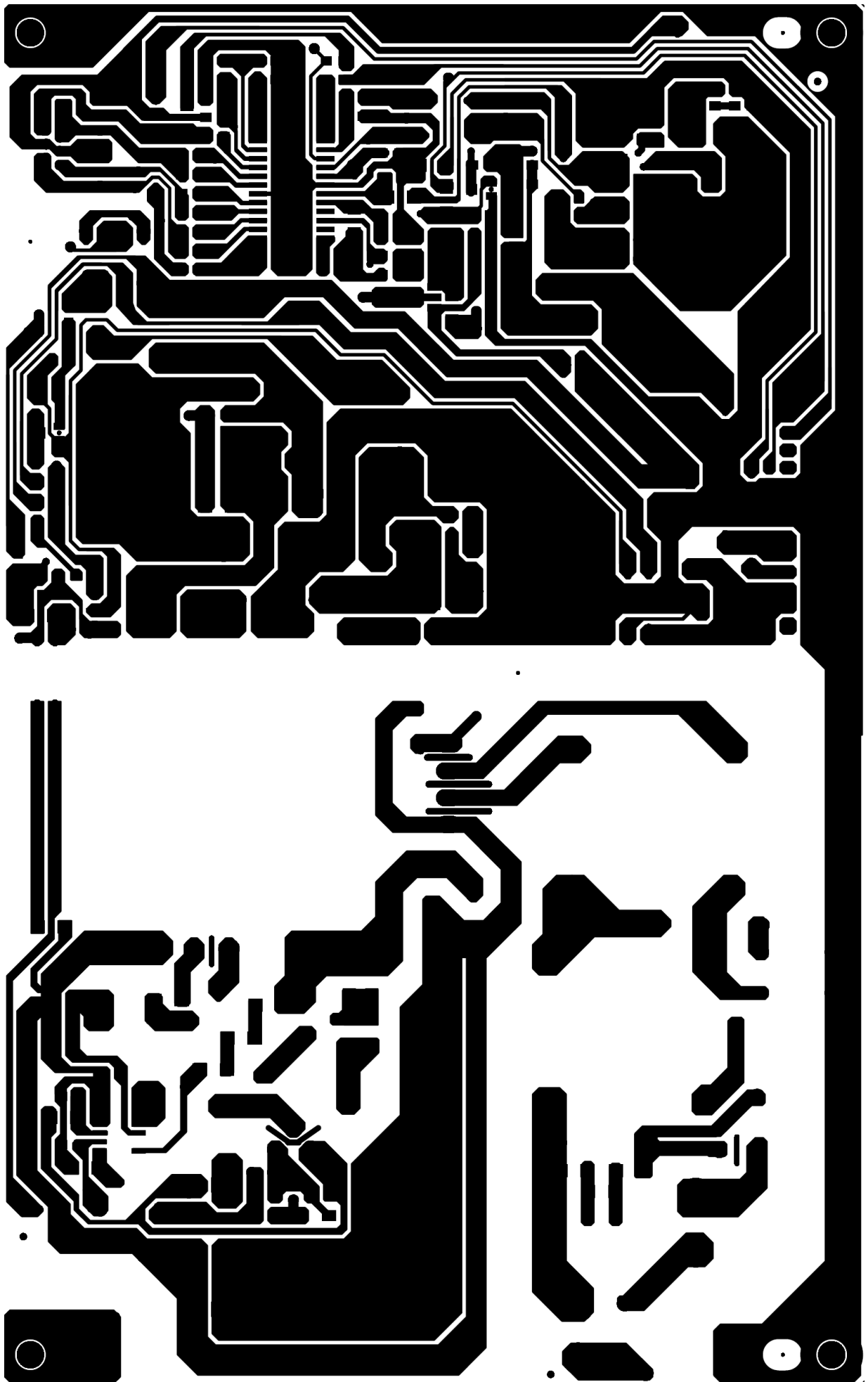


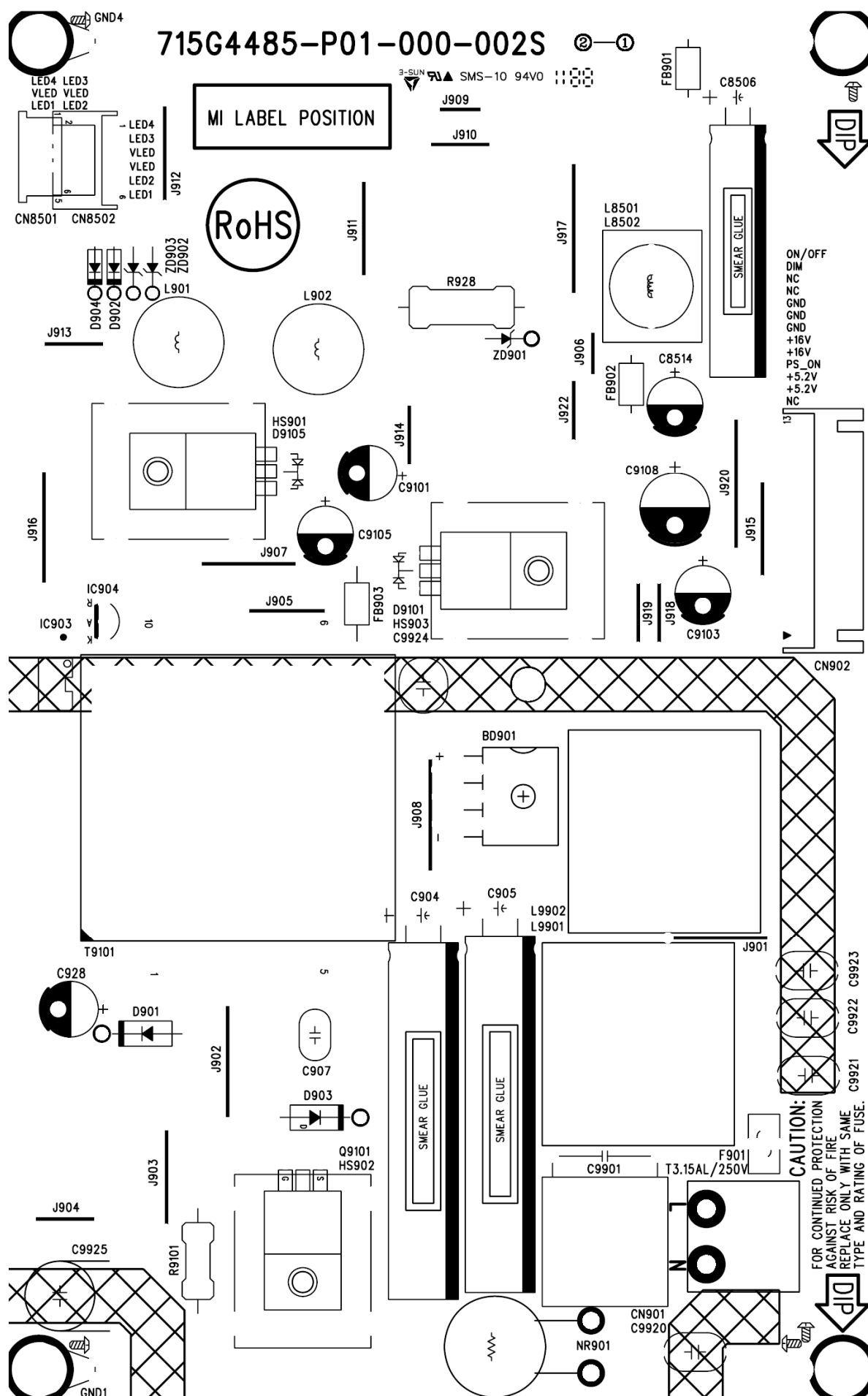
6.2 Power Board

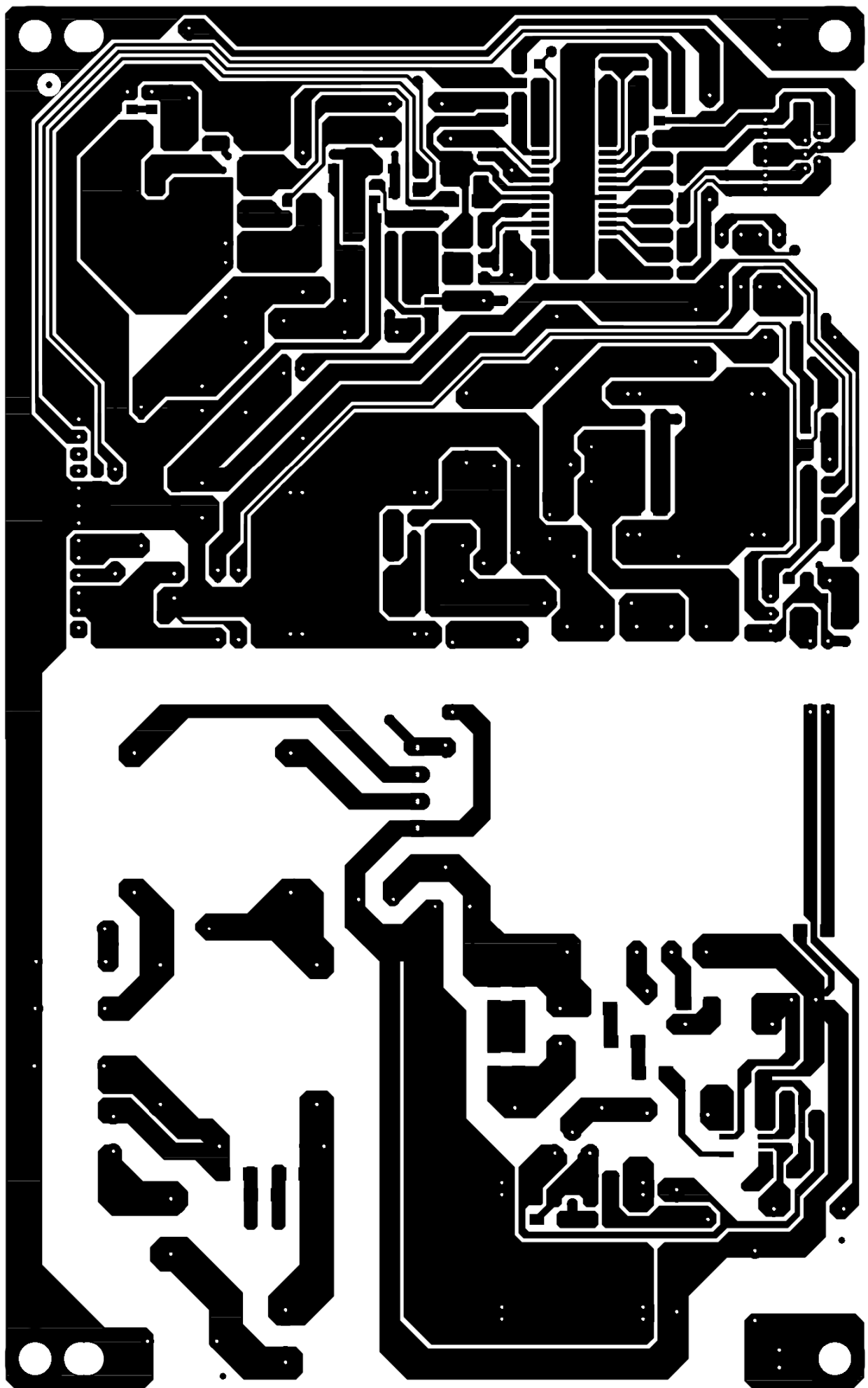
LE22H138 E2AB4ANSAEE6NN/LE24H138 715G4485P0A0010020



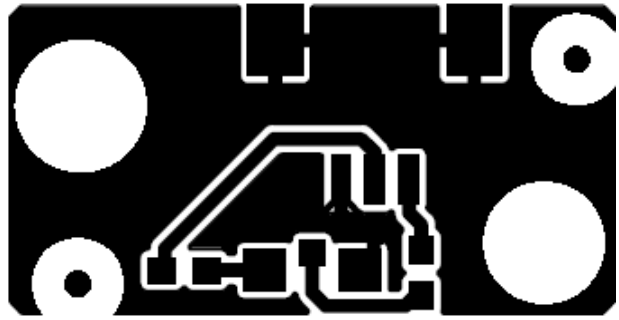
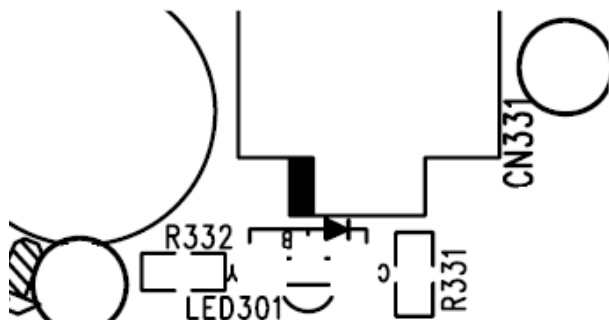




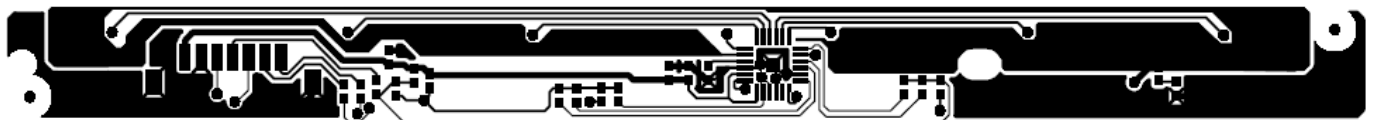
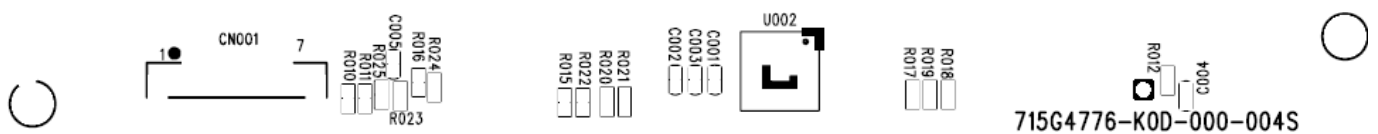




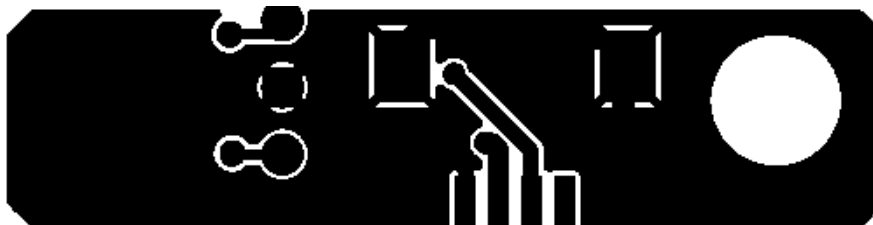
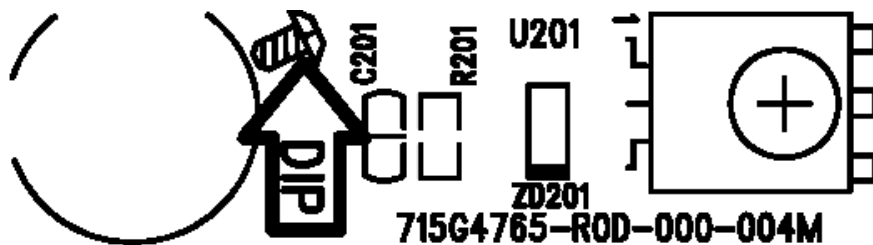
6.3 Led Board 715G4766T01000004S



6.4 Key Board 715G4776K0D000004S



6.5 IR Board 715G4765R0D000004M



7. Adjustment

7.1 Adjustment

It's no need to adjust the white balance for this model.

1. Enter into the factory mode:

Turn on the TV, press MENU key with remote control, then press number key 1 → 9 → 9 → 9. It will achieve the factory mode.

2. Click on "Auto Color" in the PC and Component modes:

PC mode: TIM = 107; PAT = 42

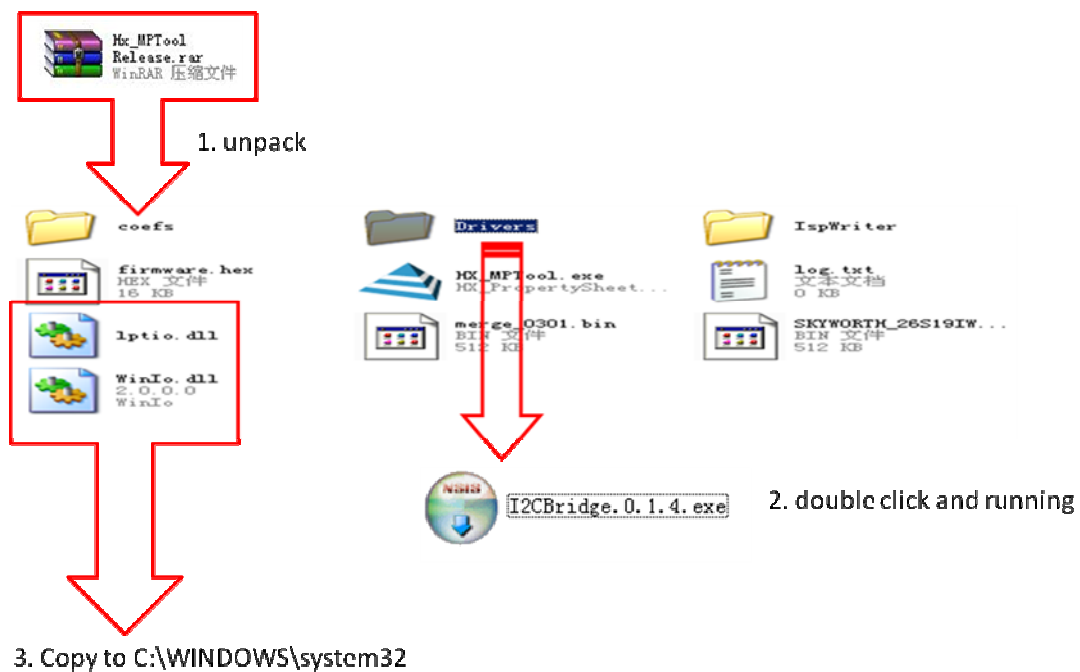
Component mode: TIM = 311; PAT = 185

7.2 FW Upgrade

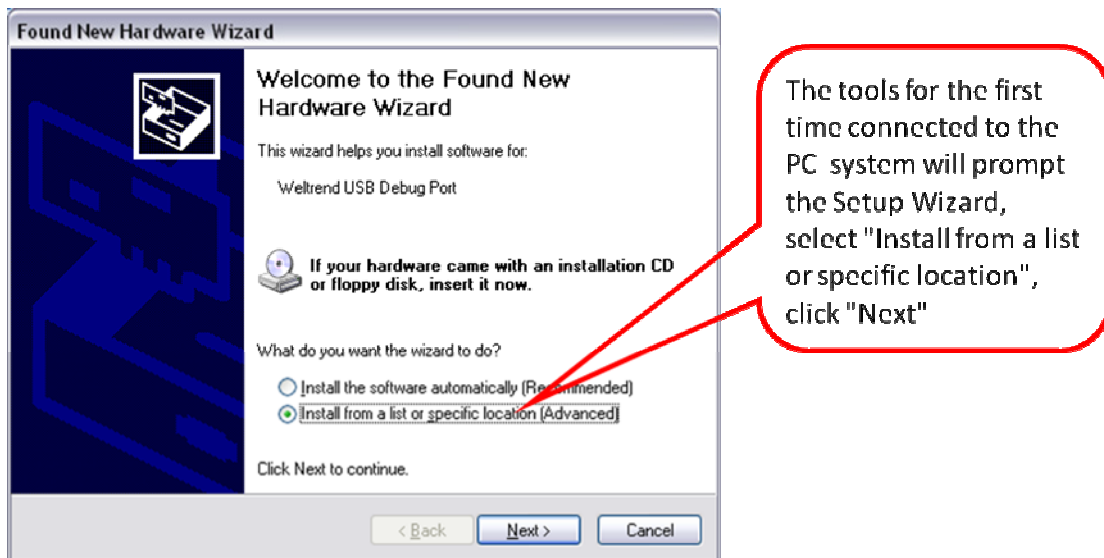
Step1. ISP instruction (Himax tool number: 715GT118-B)



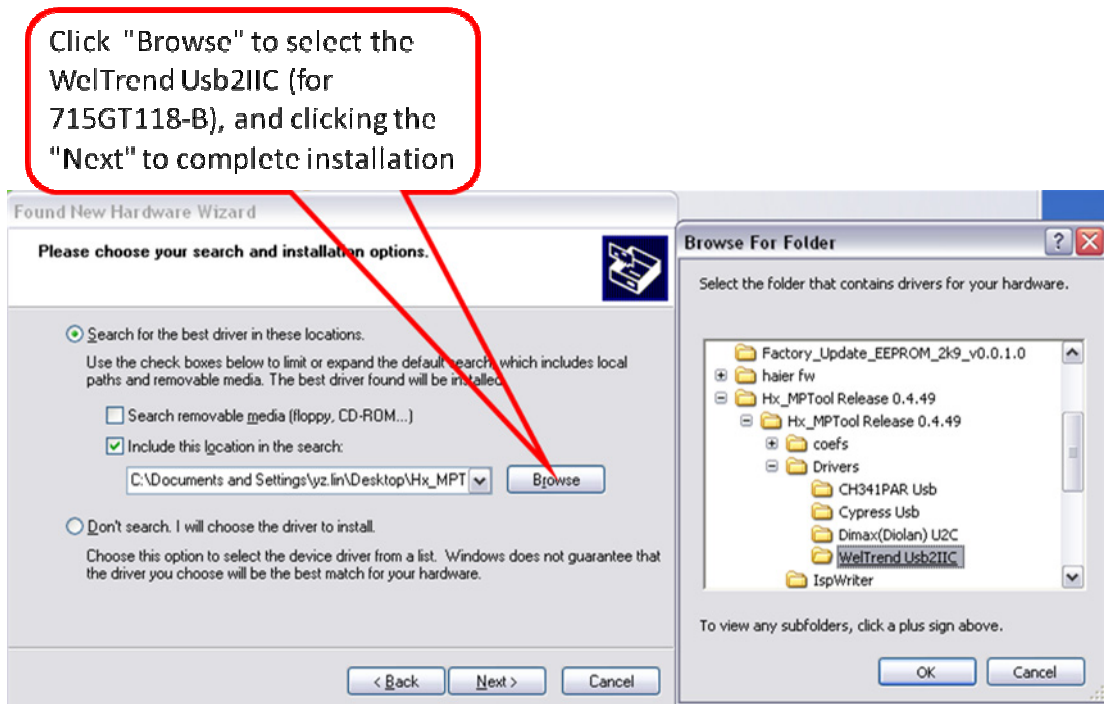
Step2. Setup ISP tool



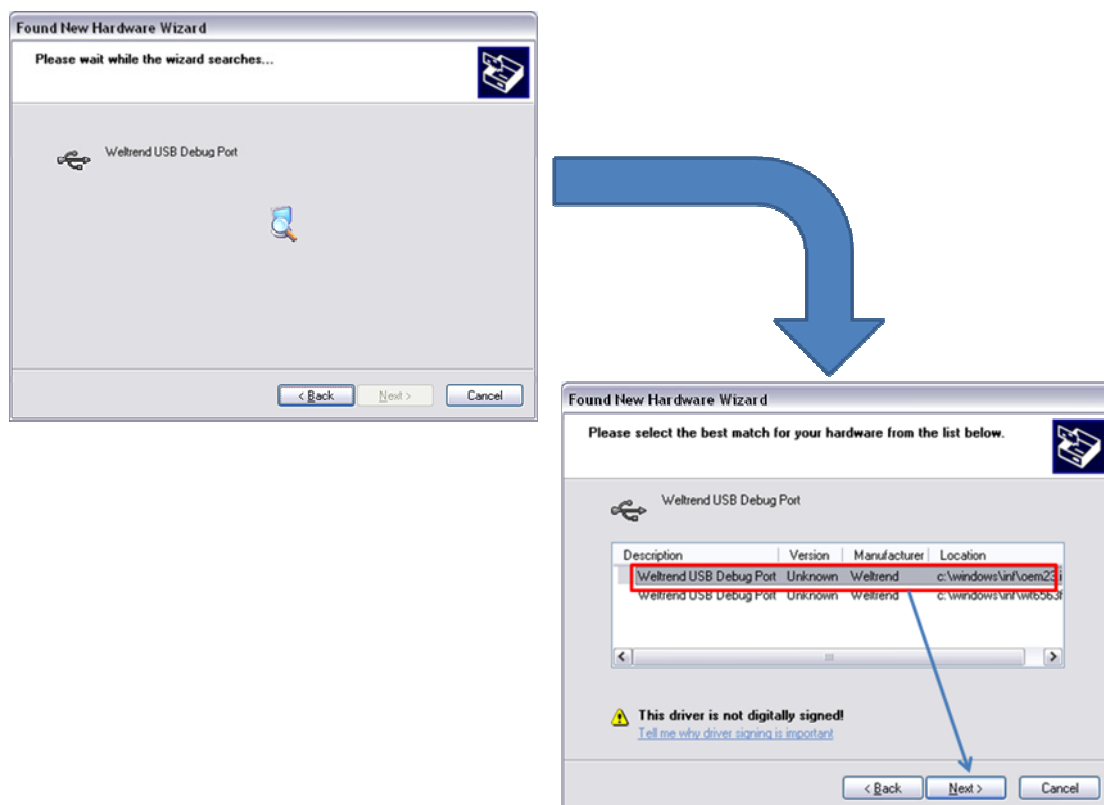
Step3. The USB tool connect to computer, computer will prompt you to install USB drivers, Weltrend board select: \ Drivers \ WelTrend Usb2IIC directory of drive, the installation.



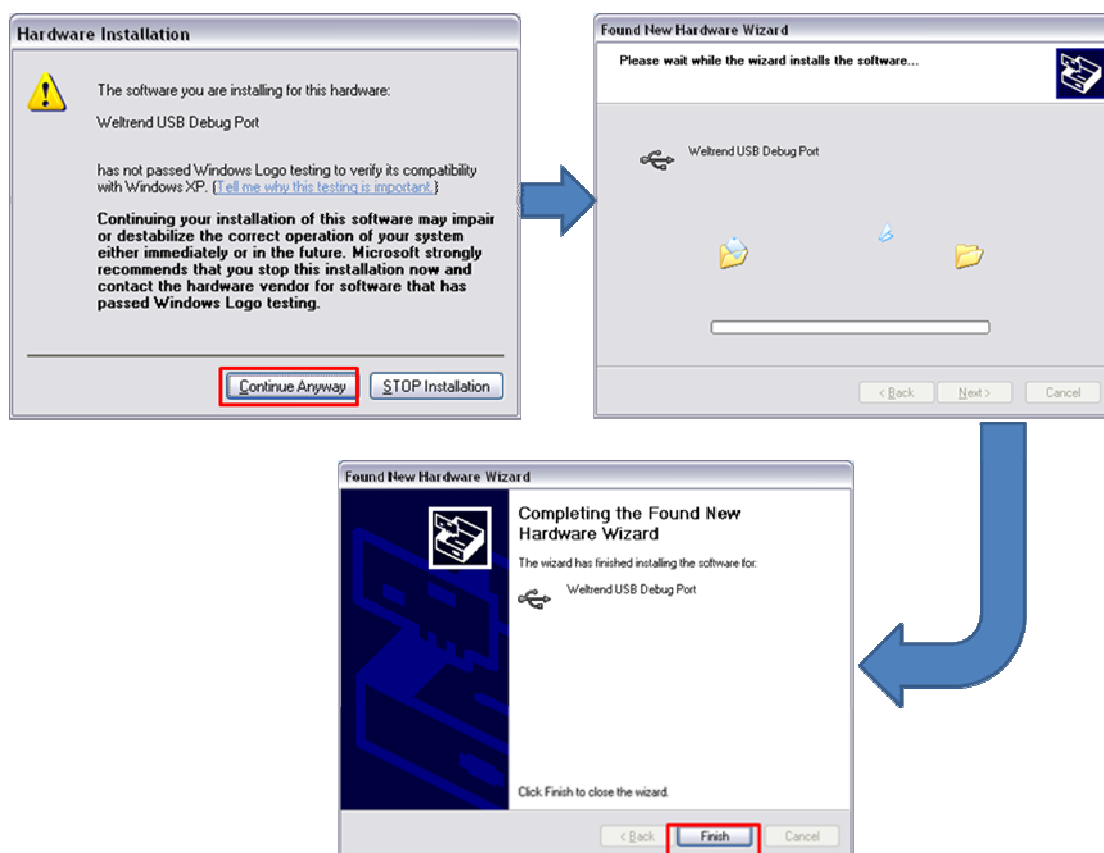
3.1



3.2



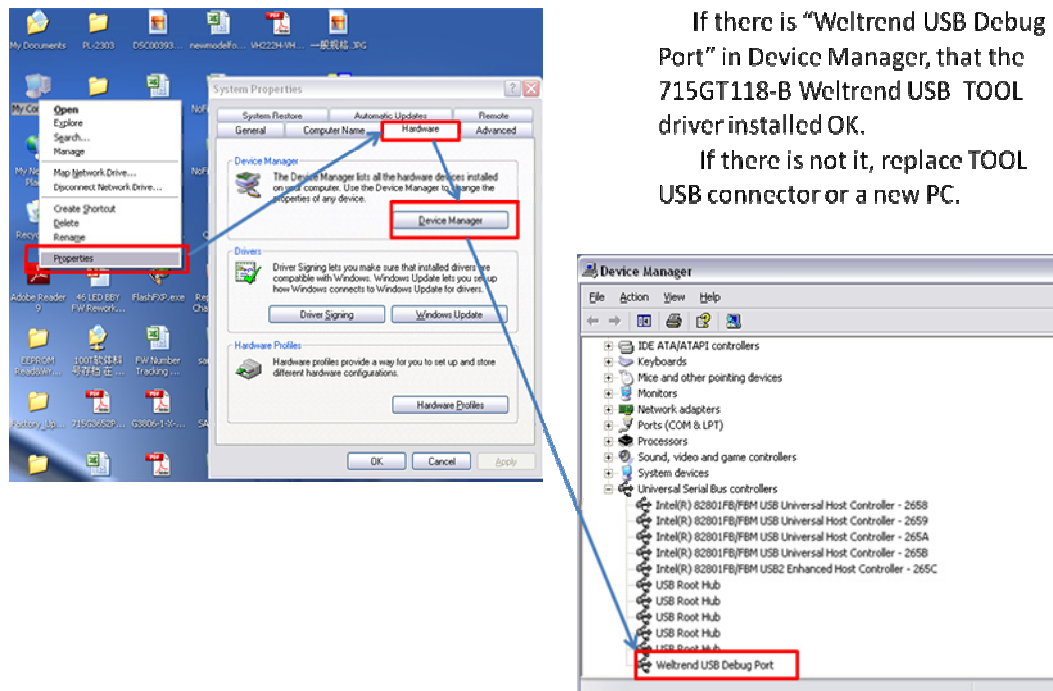
3.3



My Computer property hardware
Device Manager

If there is “Weltrend USB Debug Port” in Device Manager, that the 715GT118-B Weltrend USB TOOL driver installed OK.

If there is not it, replace TOOL USB connector or a new PC.

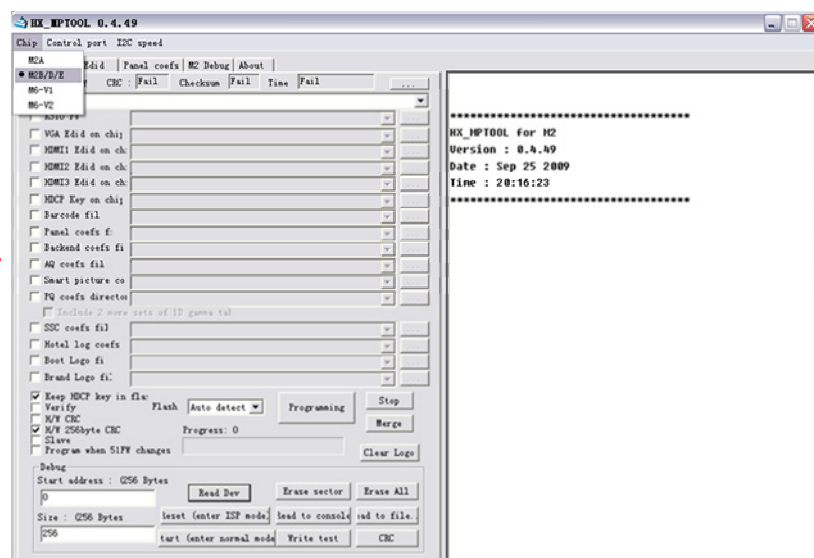


Step4. ISP Tool Flash Update step

 **HX_MPTool.exe**
HX_PropertySheet...

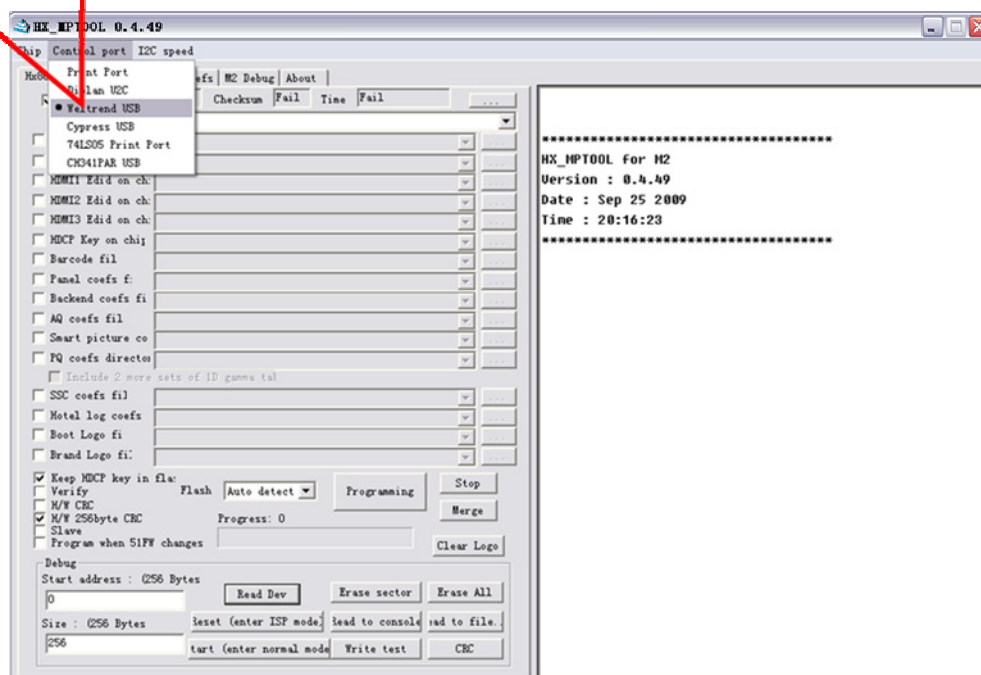
(NOTE: firstly, connect TOOL, secondly, opening Tool software).
TV is DC on.

1.double click“HX_MPTool.exe” and running



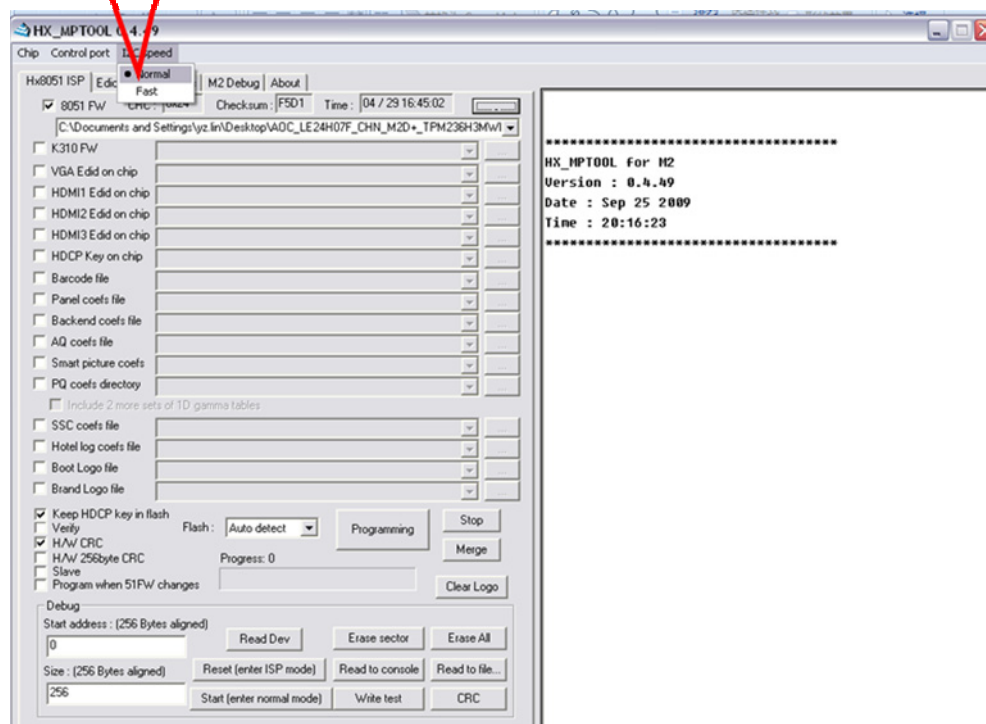
4.1

2. Weltrend board select "welTrend USB"



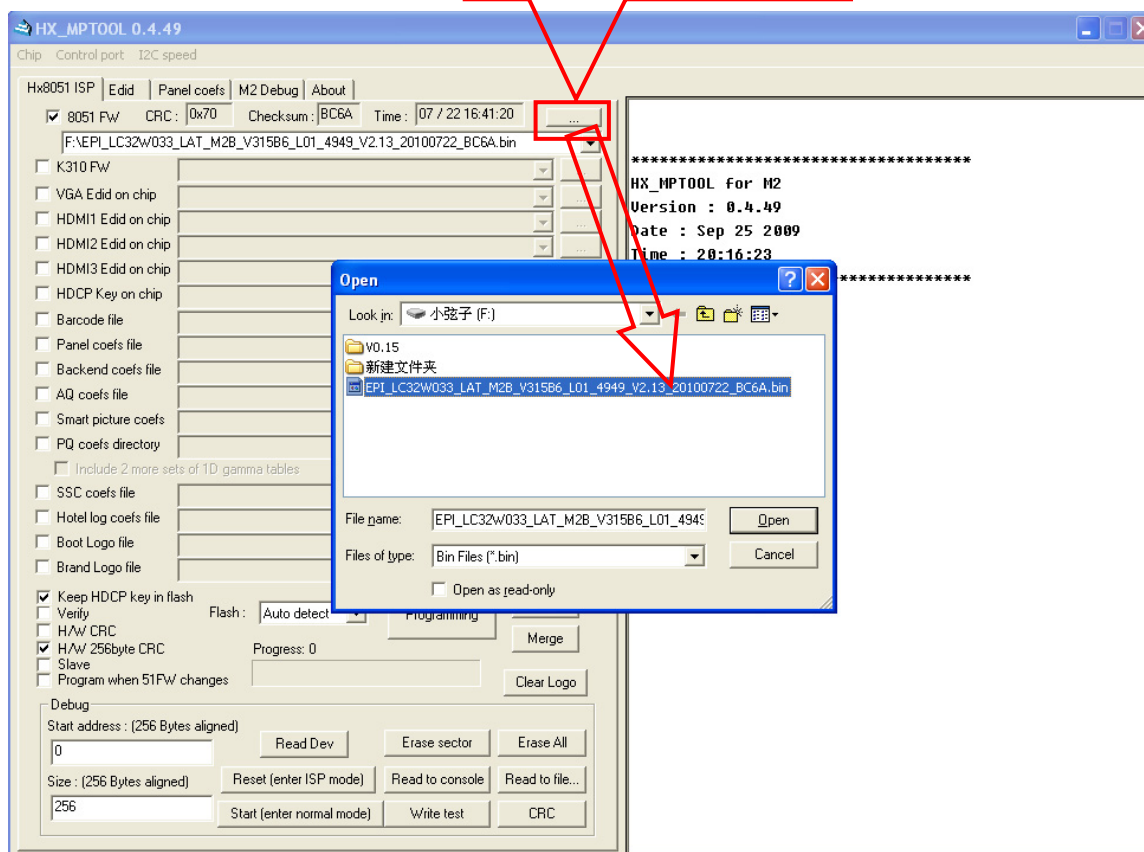
4.2

3. I2C speed select "normal"

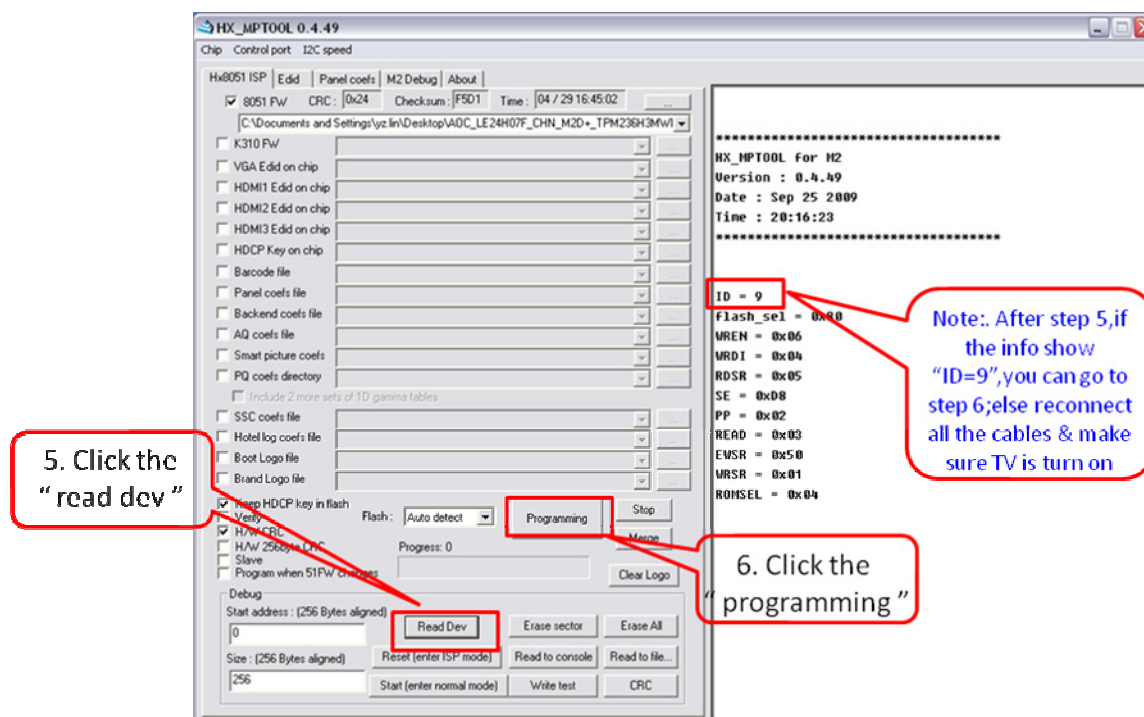


4.3 Take AOC LC32W033 for example:

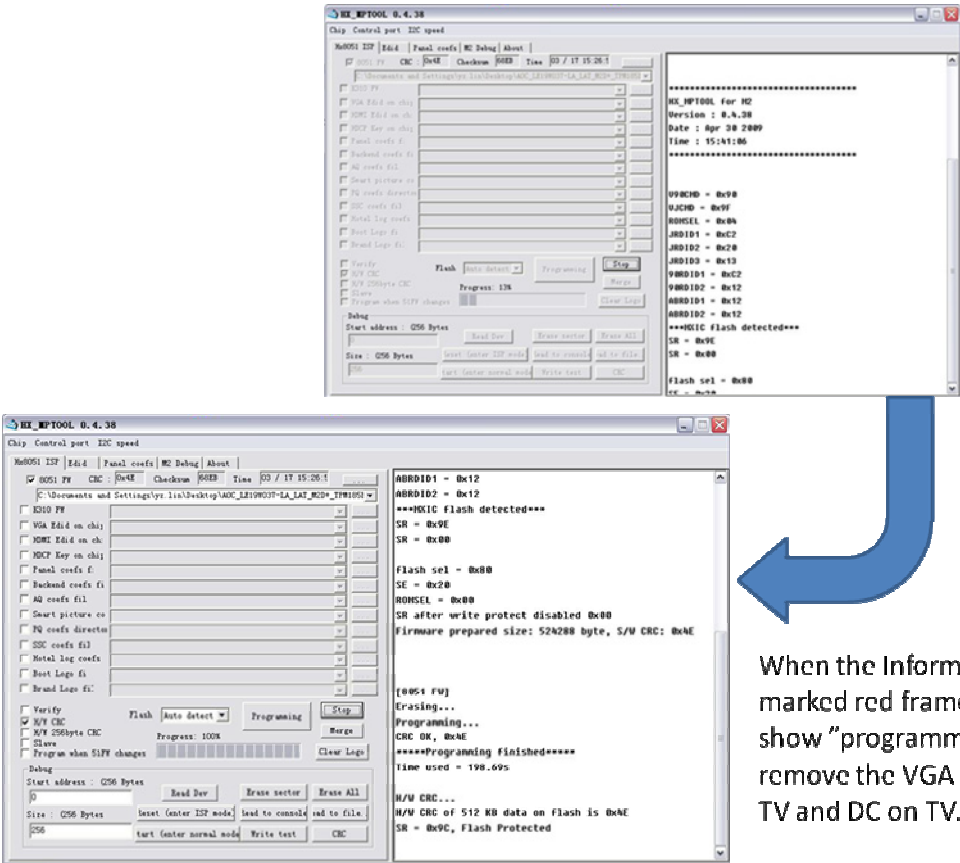
Click here to load the FW



4.4



Step5. Programming



When the Information marked red frame show "programming finished", remove the VGA cable from TV and DC on TV.

Step6. Verify FW version. Take AOC LC32W033 for example:

8.Press RC key (MENU+1999) enter factory mode, to verify the software version, then move the cursor to "Reset to Def" to do the factory reset.

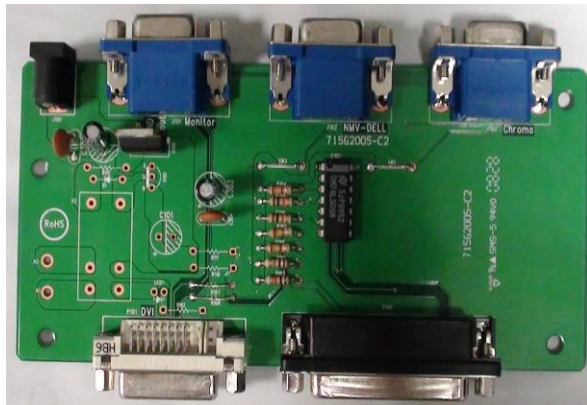
Brand	: AOC
Ver	: V2.13
Date	: 17:45:56-09/27/10
Model name	: LC32W033
Scaler	: M2B
Panel type	: V315B6
Current source	: TV
Autowhite 100%	
Autowhite 75%	
SSC Enable	: On
SSC Step	: 8
SSC Top	: 510
ADC gain	: R 255 G 255 B 255
ADC offset	: R 255 G 255 B 255
Color temp.	: Cool
Scaler gain	: R 125 G 128 B 120
Burn in	: Off
EEPROM init	
Back LIT time	: 4.4hour
Total time	: 4.4hour
Black light	: 1
Menu language	: English
Reset	
Exit	

7.3 The Writing VGA & HDMI EDID

Step1. Ready for writing EDID

Tool: 715G2005-C2

Cable: a LPT cable, a VGA cable, a DVI to HDMI cable and a 12V DC adapter.



715G2005-C2



male to male LPT cable



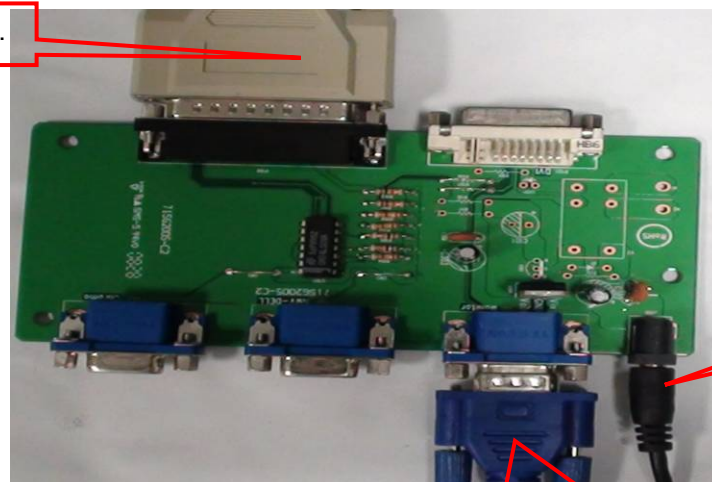
VGA cable



DVI to HDMI cable

Step2. Connection for writing VGA EDID

Connect to PC LPT port.



12V DC input

Connect to TV VGA port.

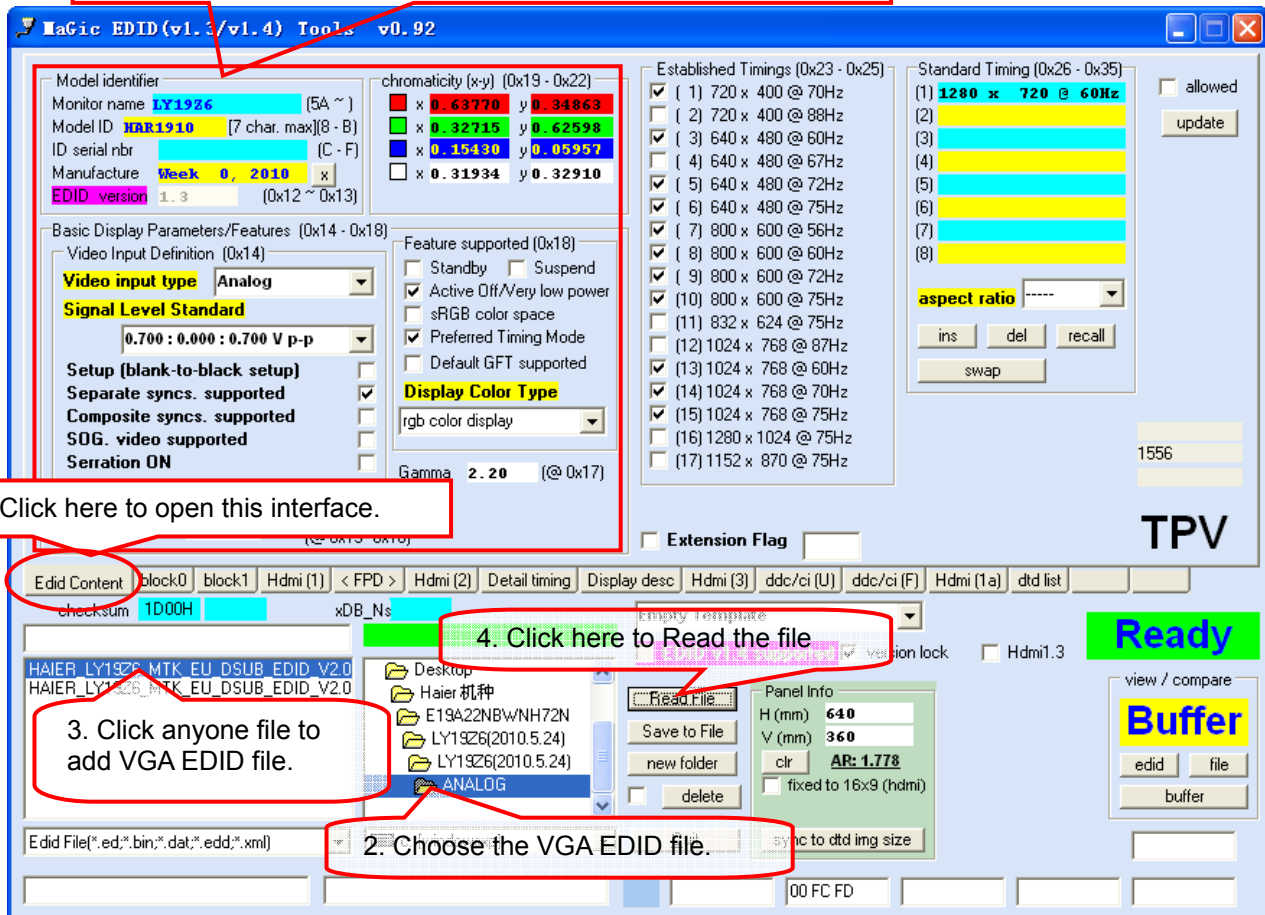
Step3. Install TPV edid tool. Take Haier LY19Z6 for example:



1. Double click this icon to install.

2. Double click this icon to run.

This red frame contents detail information in VGA EDID file.



1. Click here to open this interface.

4. Click here to Read the file

3. Click anyone file to add VGA EDID file.

2. Choose the VGA EDID file.

Step4. Click “FPD” to open another interface as follows. Take Haier LY19Z6 for example:

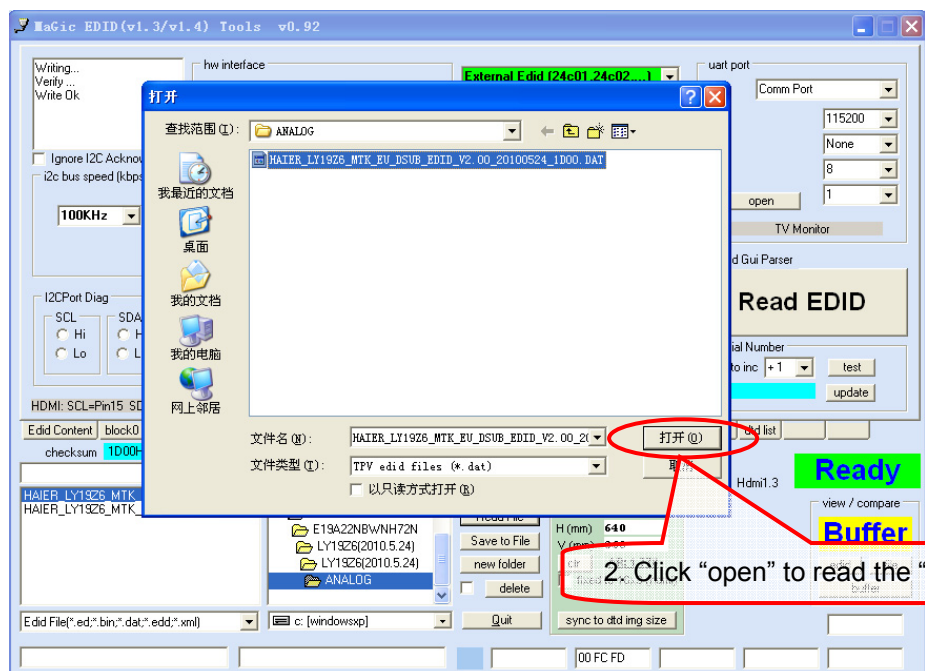
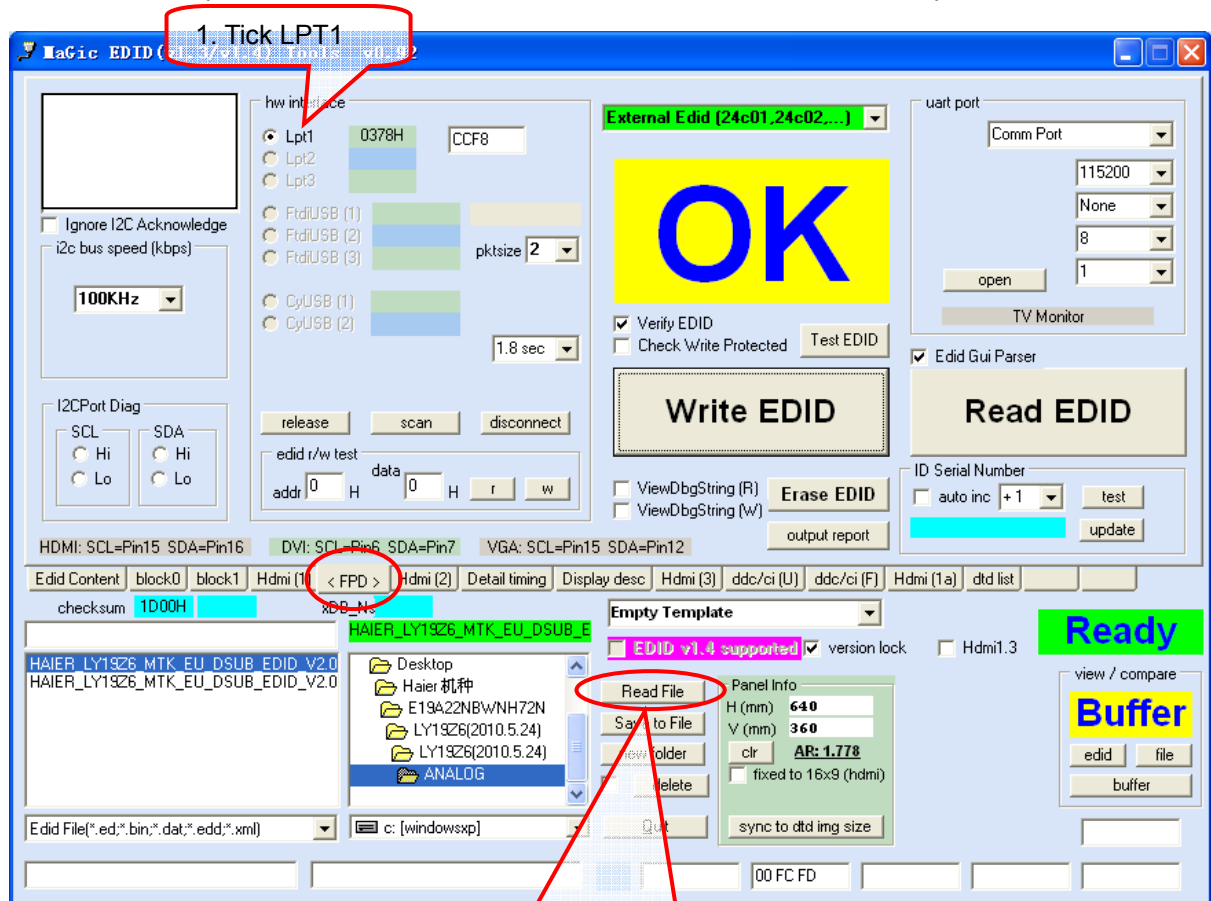
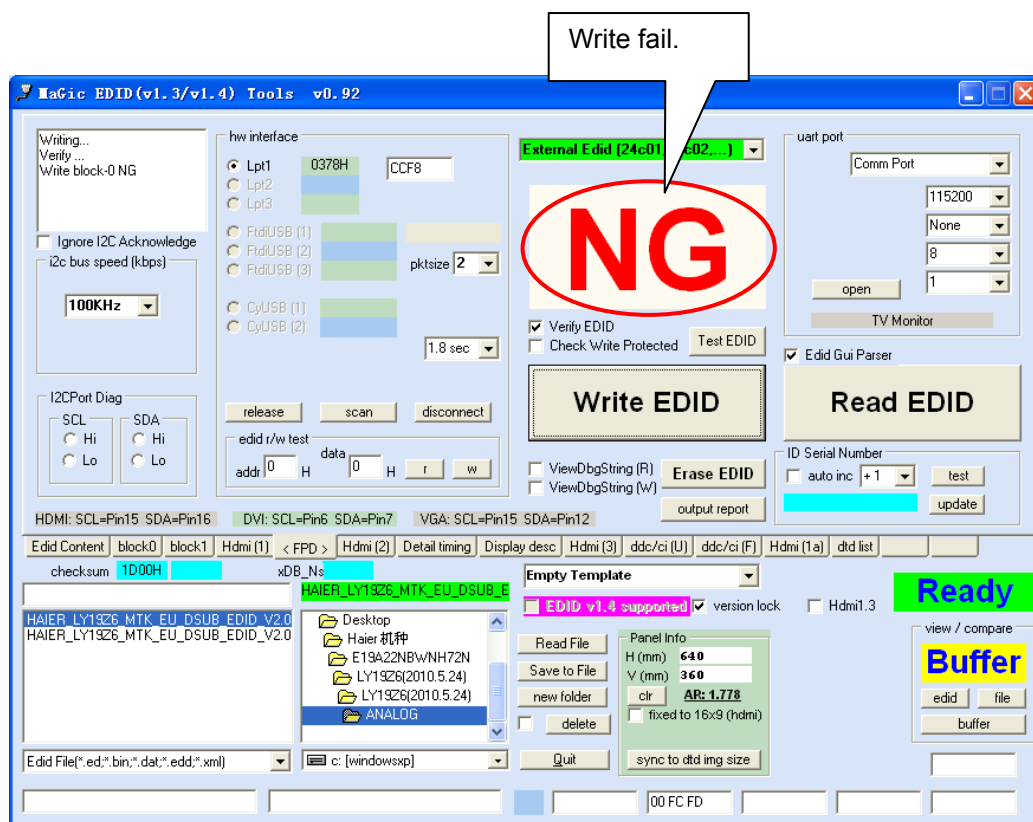
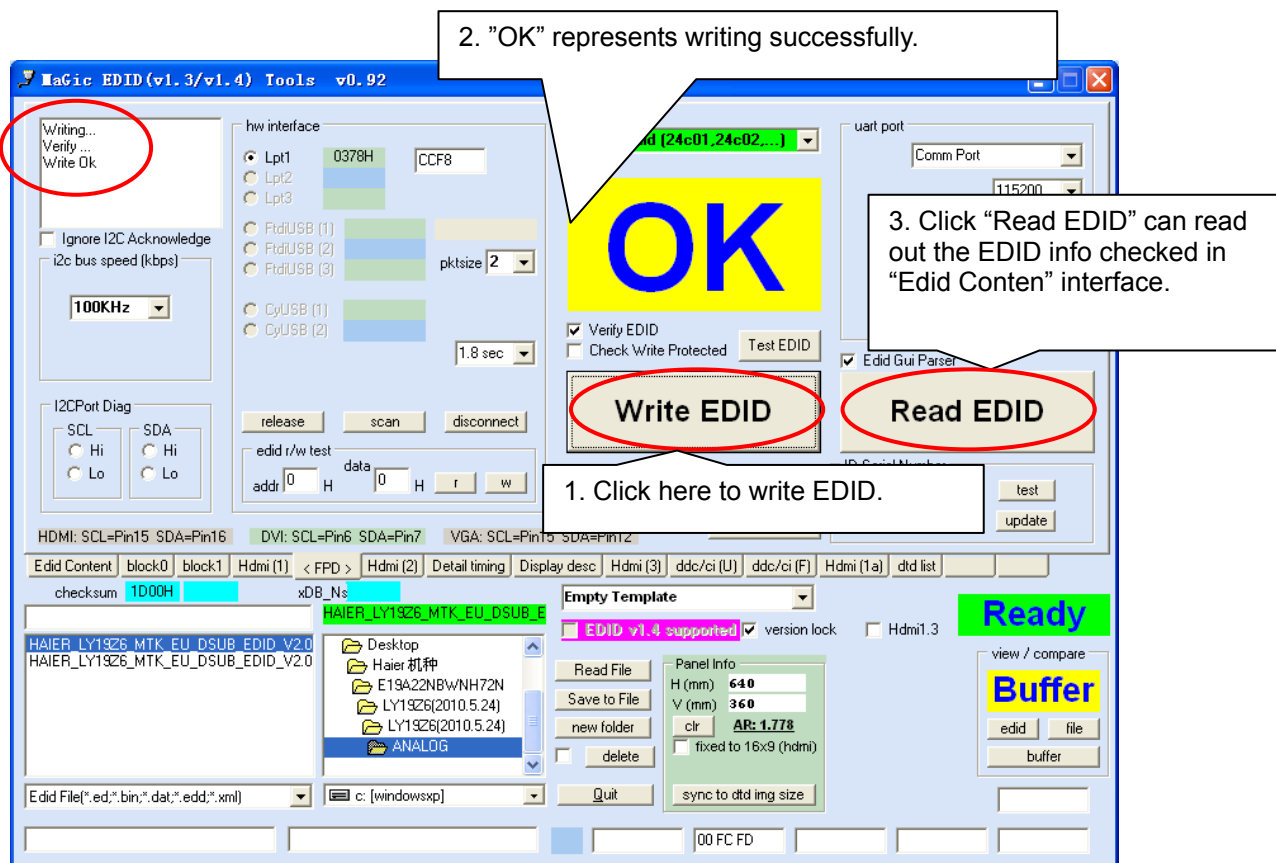


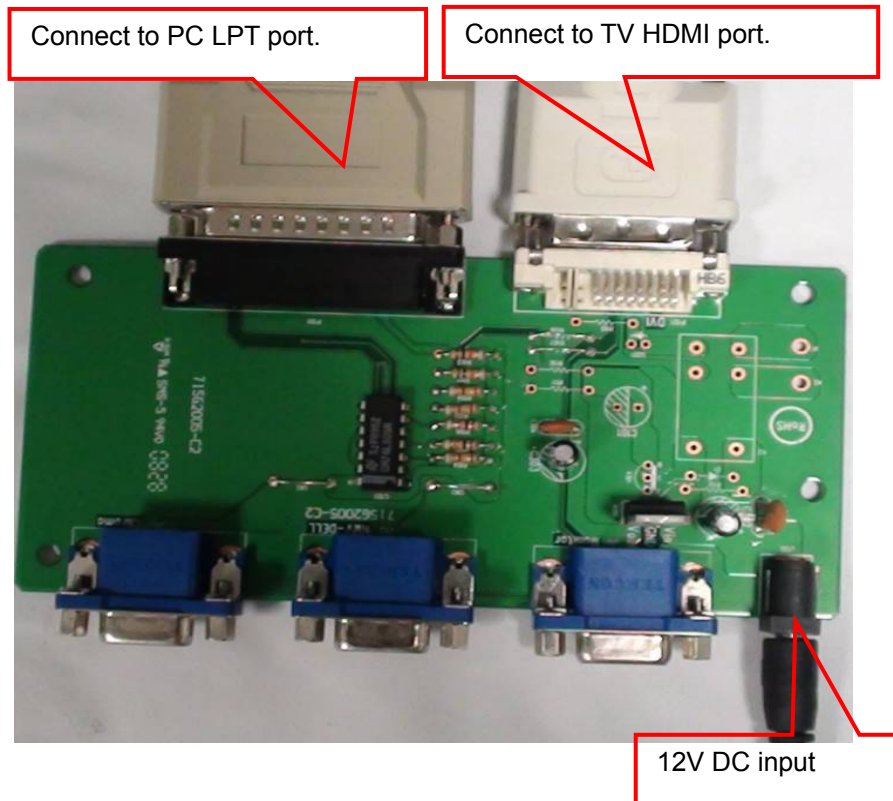
figure 4.2

Step5. Click “write EDID” to write EDID. If display “NG” in the yellow blank, which represent writing failly. Please check the whether the connection of tool and cables is nomal and retry. Another way is to change a new ISP board and retry. Take Haier LY19Z6 for example:



Step6. Write HDMI EDID.

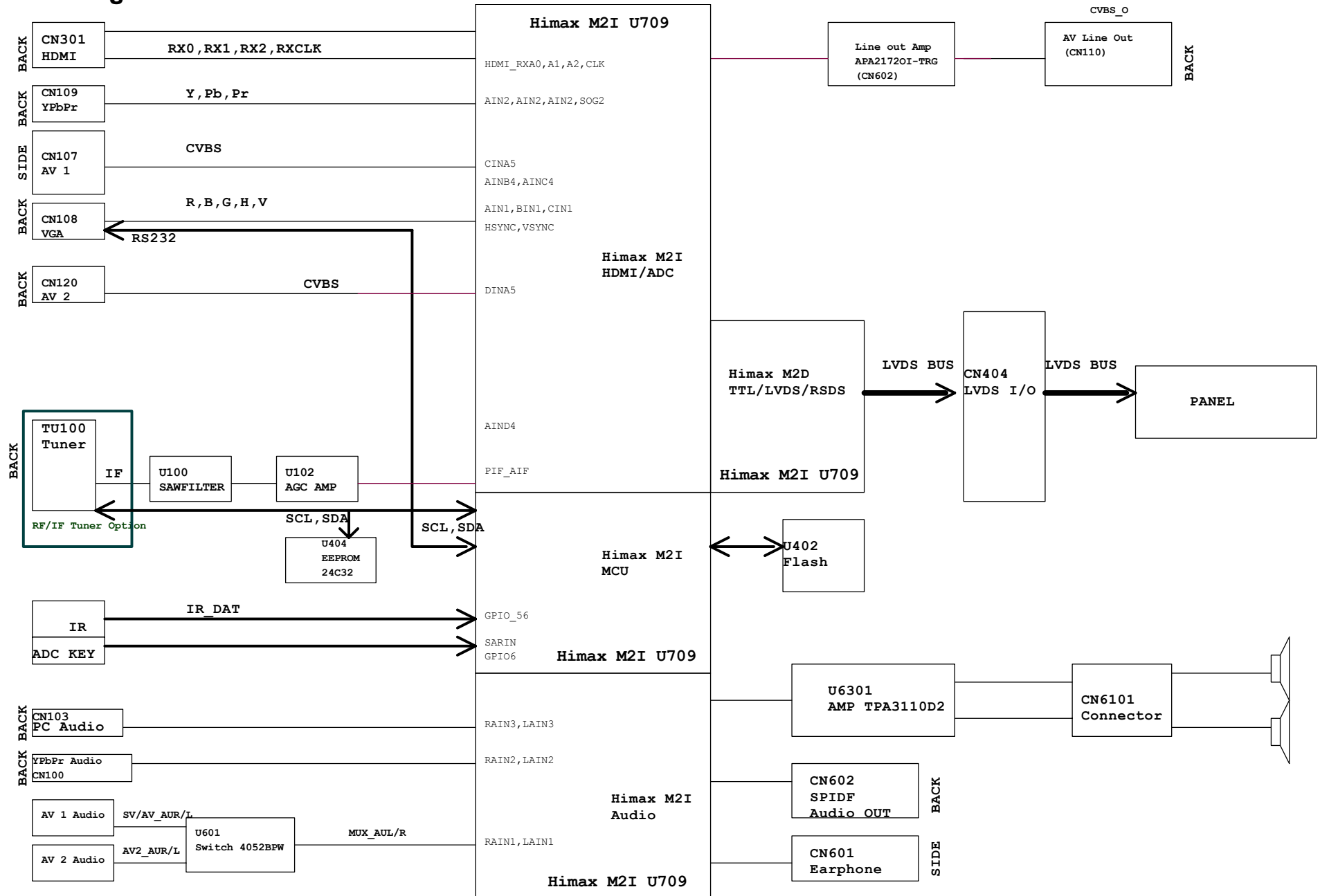
Connection for writing HDMI EDID.

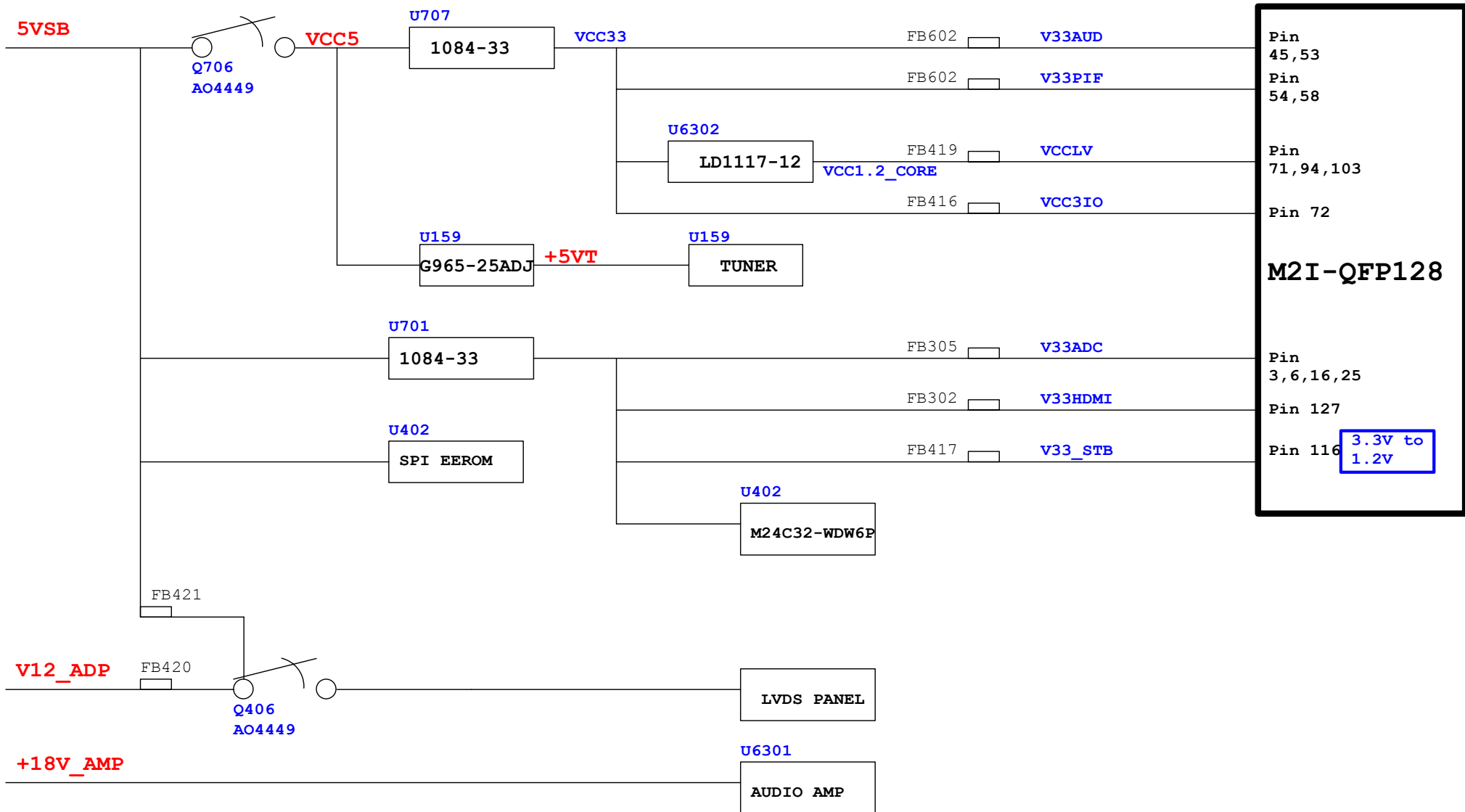


Notice: When writing HDMI EDID, the TV must be AC on, or the process can't continue, and will prompt "NG" info.

The other steps refer to the writing VGA EDID sop.

8. Block Diagram

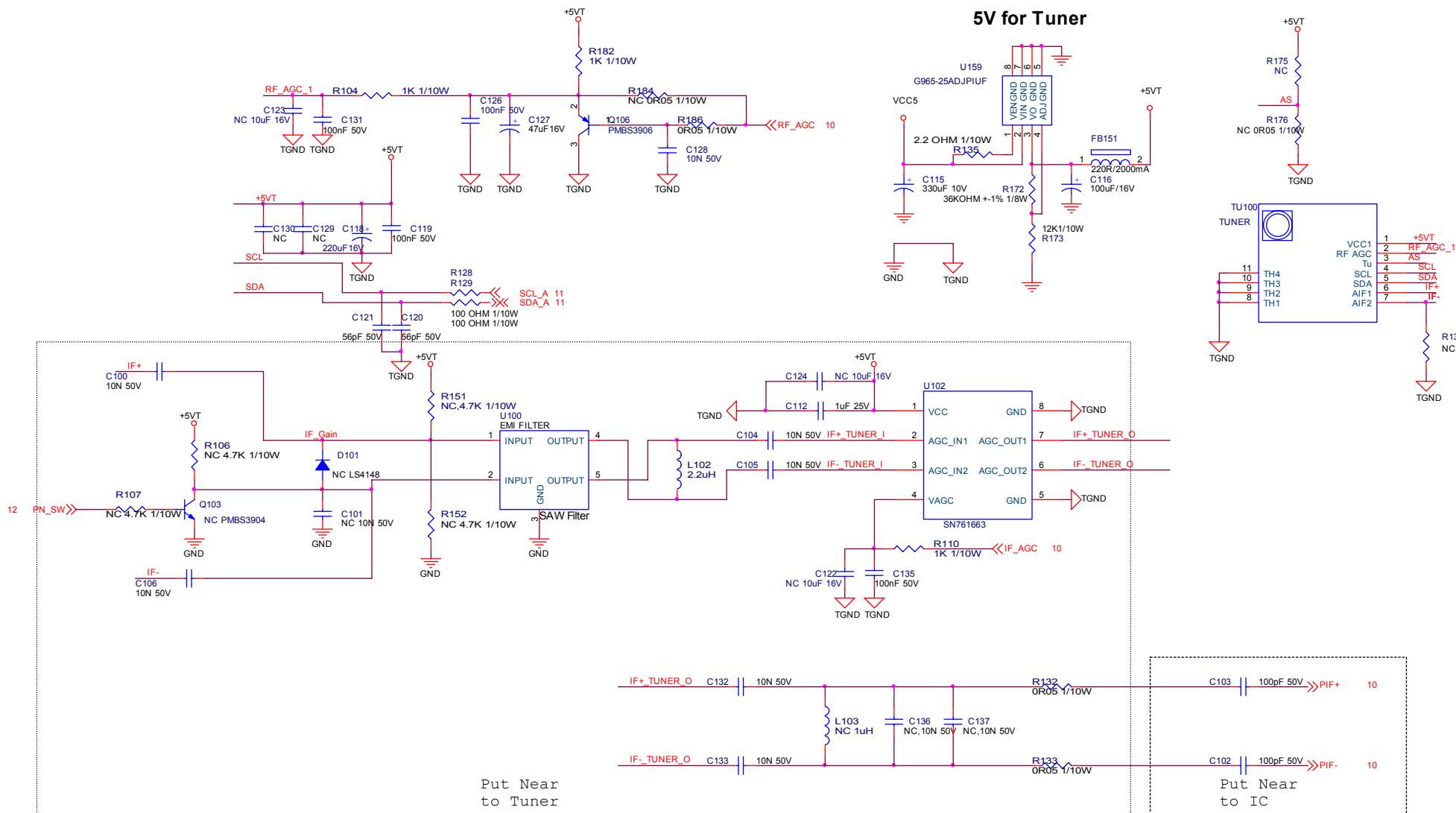




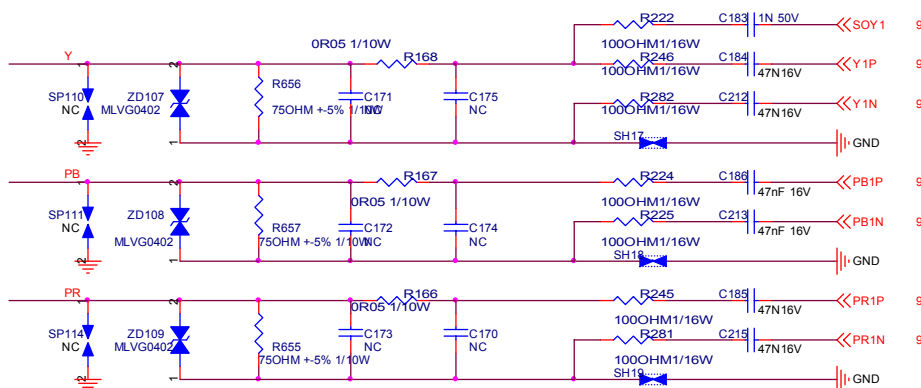
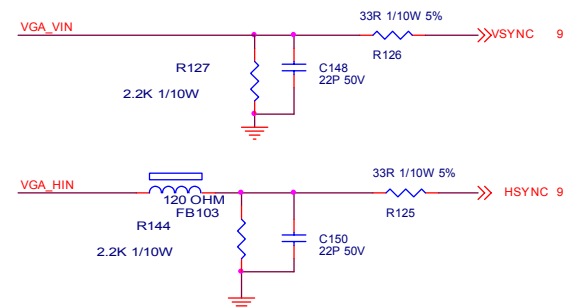
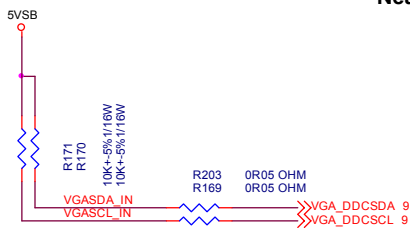
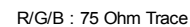
715G4708M0C000004K



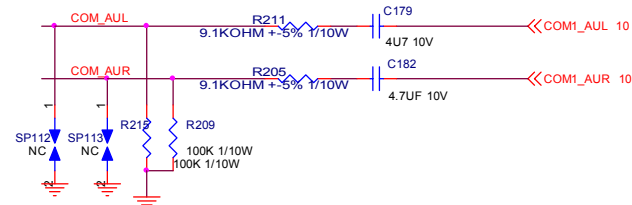
TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL		Size	Custom
紙隔瓜網膜		TPV MODEL		Rev	D
Key Component	03.Power	PCB NAME	715G4708M0C0000040	称參	<称參>
Date	Wednesday, February 16, 2011	Sheet	4 of 12		



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	B
話 話 瓜 網 廠	TPV MODEL		Rev	D
Key Component	05.TUNER	PCB NAME	715G4708M0C0000040	称 爹
Date	Wednesday, February 16, 2011	Sheet	6 of 12	<称爹>

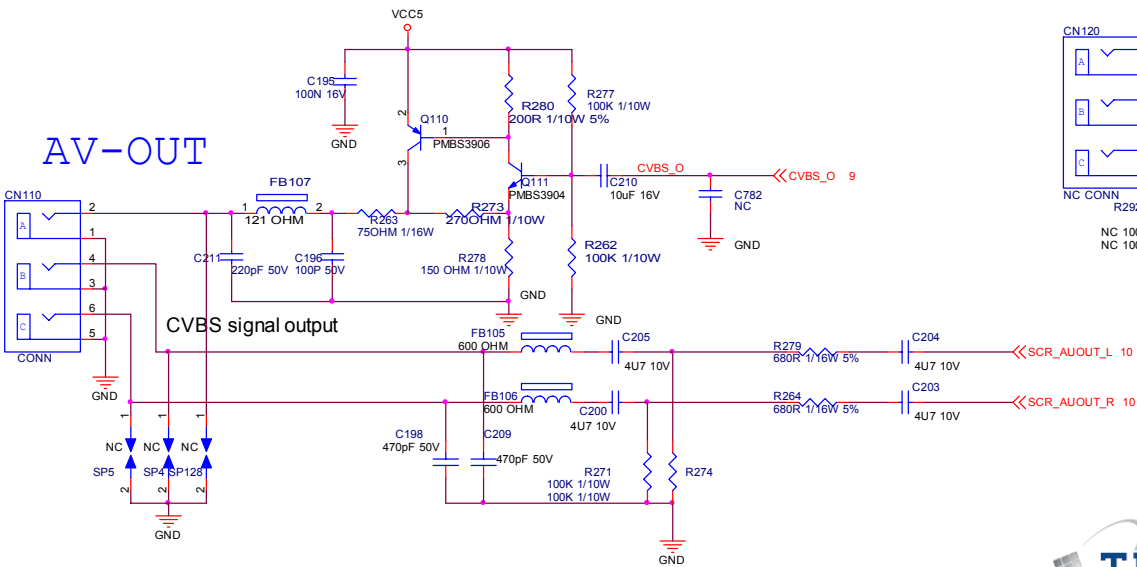
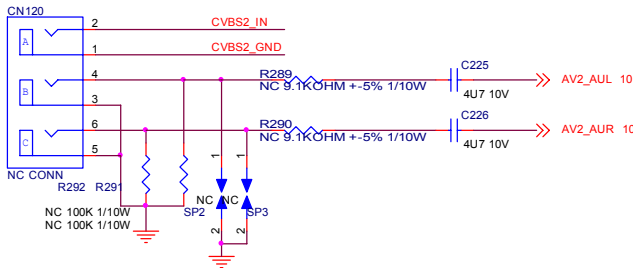
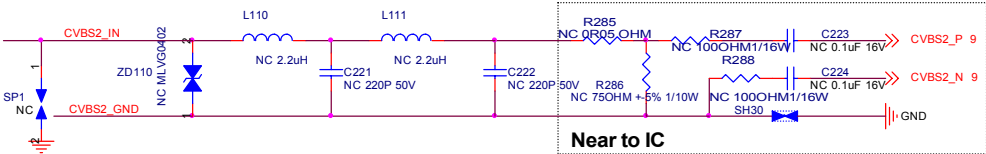
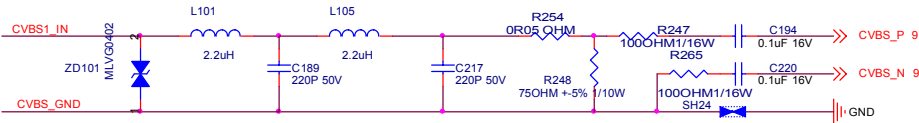
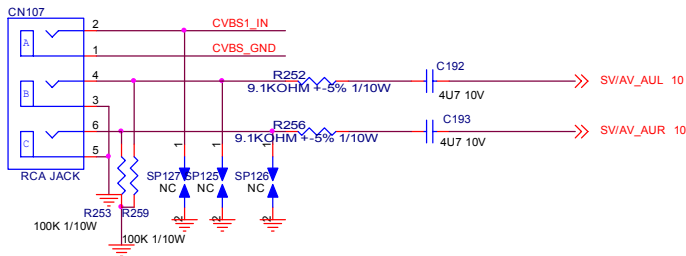


Near to IC

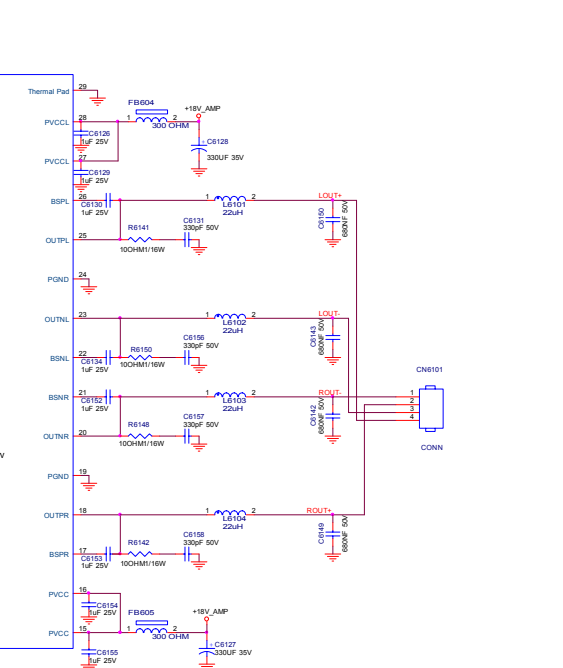
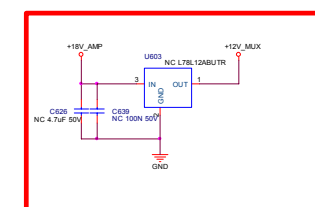
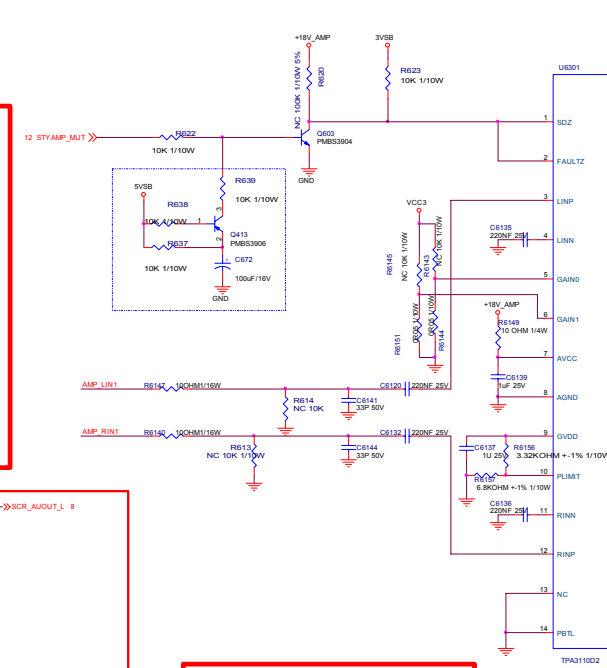
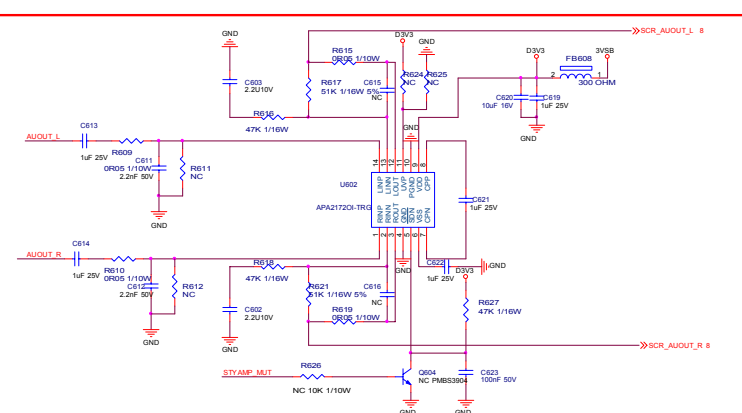
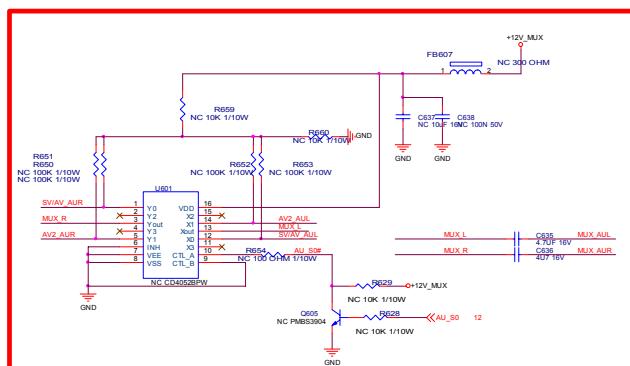
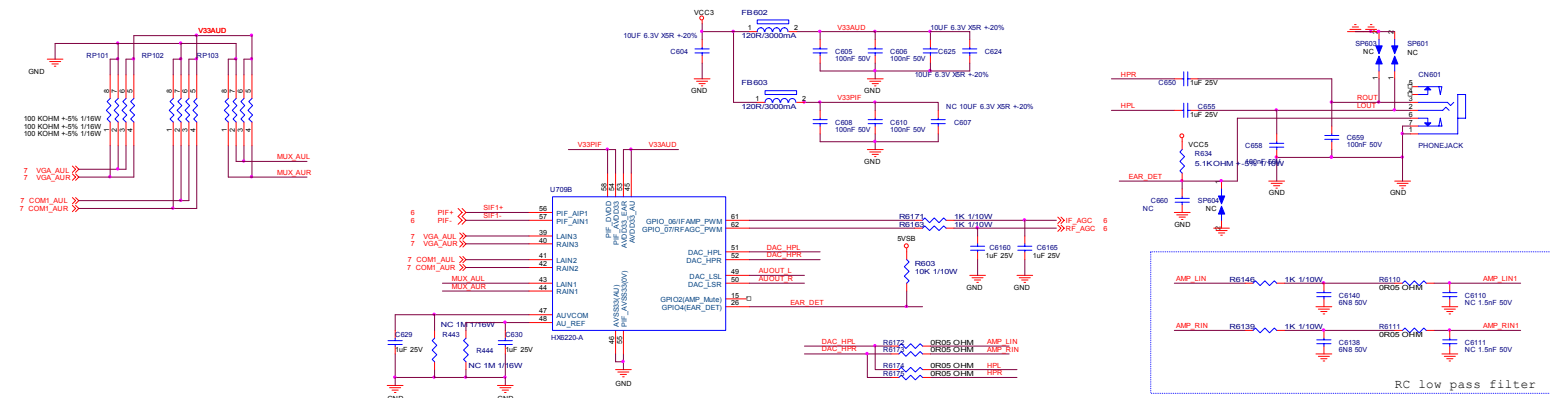


TPV (Top Victory Electronics Co., Ltd.)		OEM MODEL	Size	A3
攝隔爪鎖製		TPV MODEL	Rev	D
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Date	Wednesday, February 16, 2011	Sheet	7 of 12	簽名 <簽名>

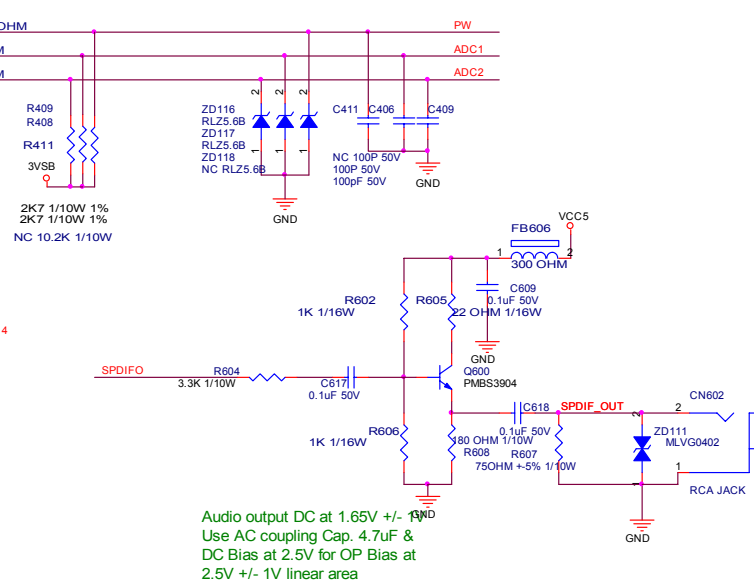
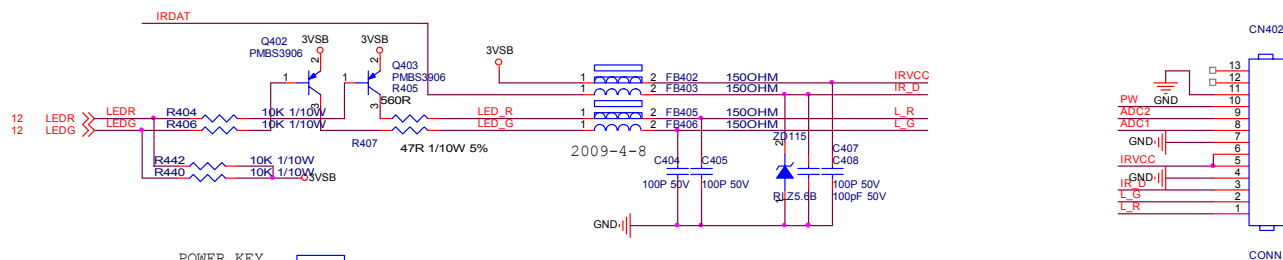
CVBS & R/L



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	A3
結構圖	TPV MODEL		Rev	D
Key Component	07.SCART SV/AV	PCB NAME	715G4708MDC0000040	稱號
Date	Wednesday, February 16, 2011	Sheet	8 of 12	<修圖>



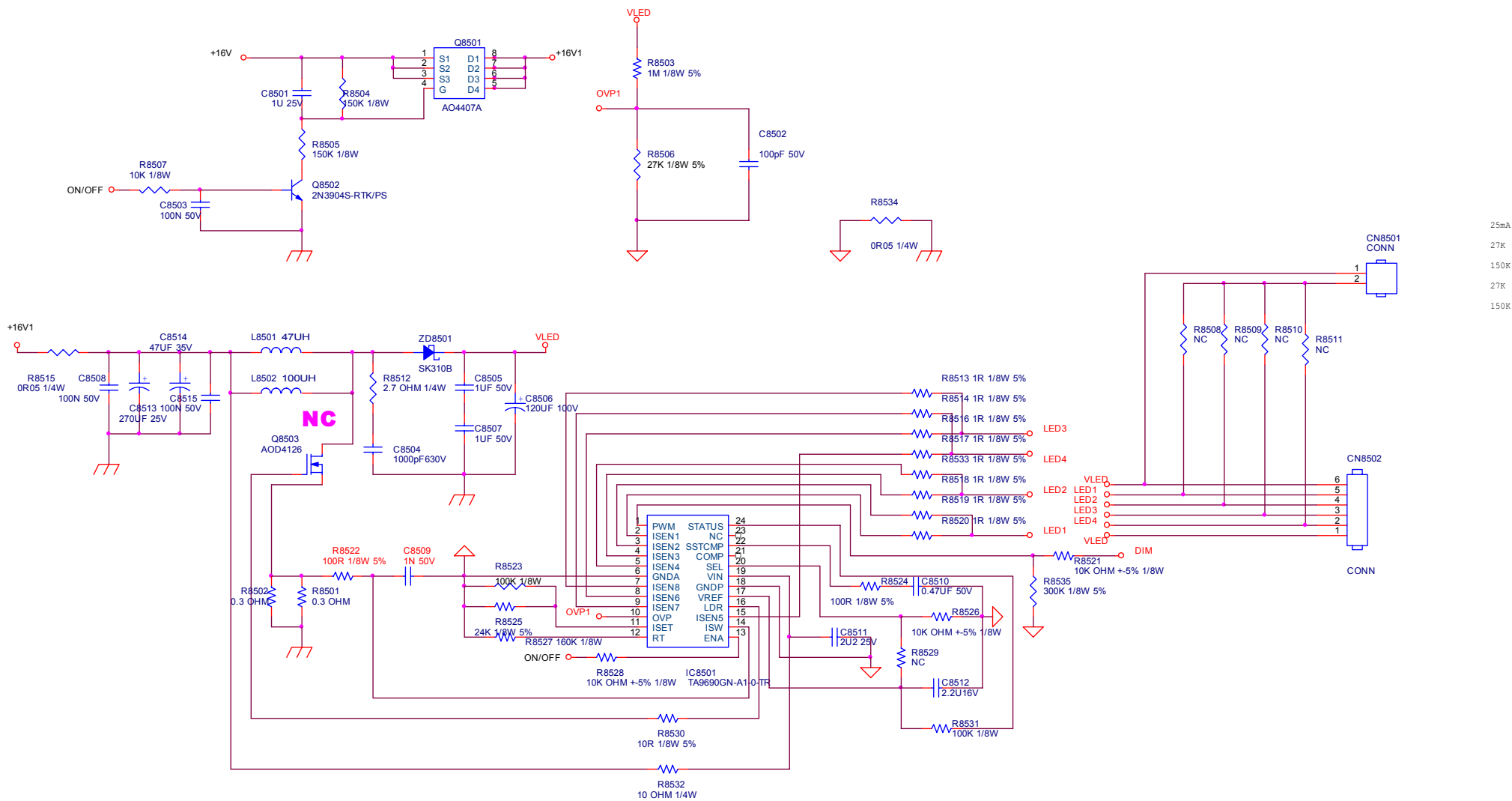
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	Custom
TPV MODEL	TPV MODEL	Rev	D
TPV NAME	TPV NAME	Rev	D
Date	Wednesday, February 16, 2011	10 of 12	

66

LE22H138 E2AB4ANSAEE6NN/LE24H138 715G4485P0A0010020
LE22H138 E22B4ANSAEB13N 715G4485P01000002S

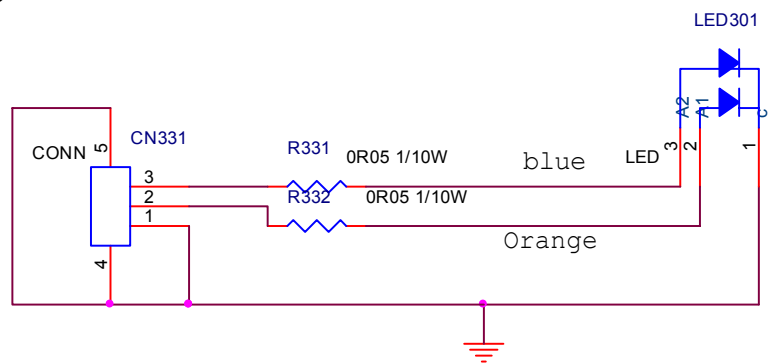


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	A3
括隔瓜鋼膜	TPV MODEL		Rev	
Key Component	01.POWER	PCB NAME	715G4485	你爹
Date	Monday, August 23, 2010	Sheet	1 of 2	



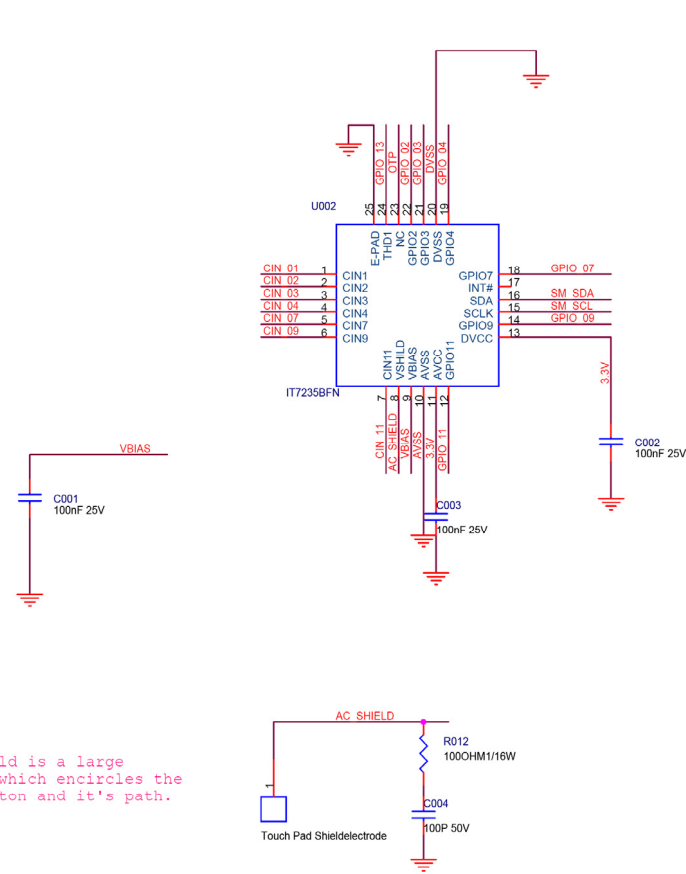
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	B
結構圖	TPV MODEL		Rev	
Key Component	02.LED DRIVER	PCB NAME	715G4485	稱重
Date	Monday, August 23, 2010	Sheet	2 of 2	

9.3 Led Board
715G4766T01000004S

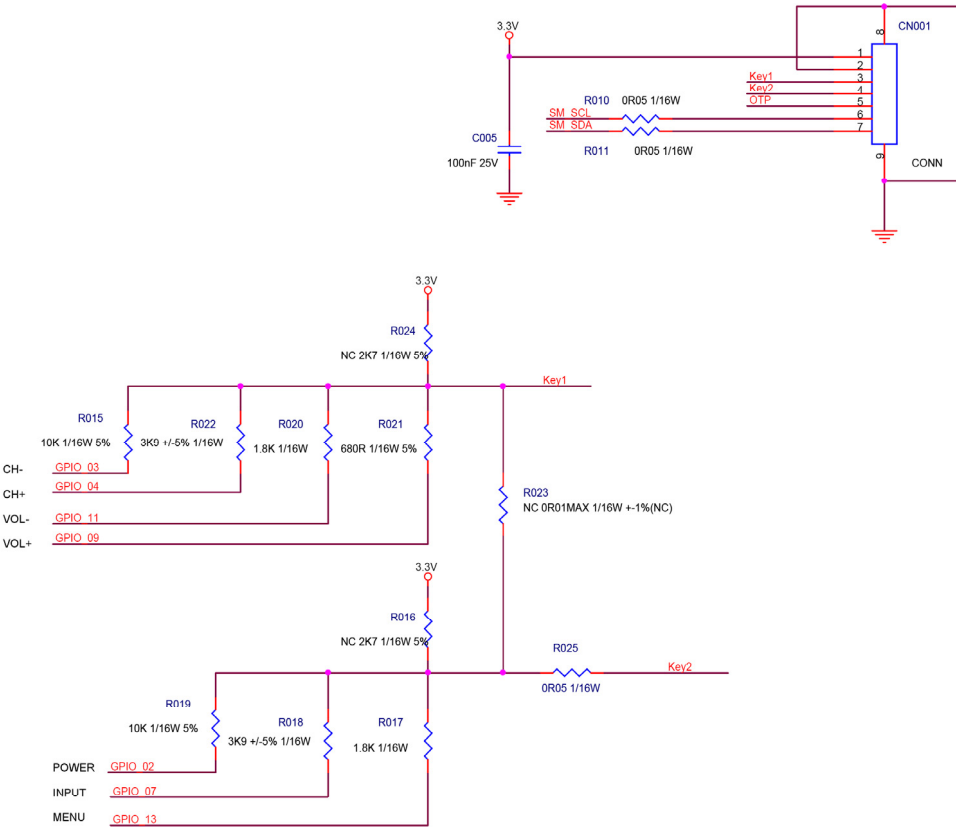


T P V (Top Victory Electronics Co . , Ltd.)		OEM MODEL		Size	A
結 隔 瓜 網 腹		TPV MODEL		Rev	B
Key Component	LED	PCB NAME	715G4766	称 爹	<称爹>
Date	Thursday, December 16, 2010	Sheet	1 of 1		

9.4 Key Board
715G4776K0D000004S



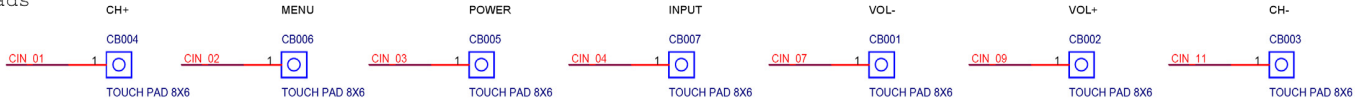
AC_shield is a large
cooper which encircles the
Cin button and it's path.



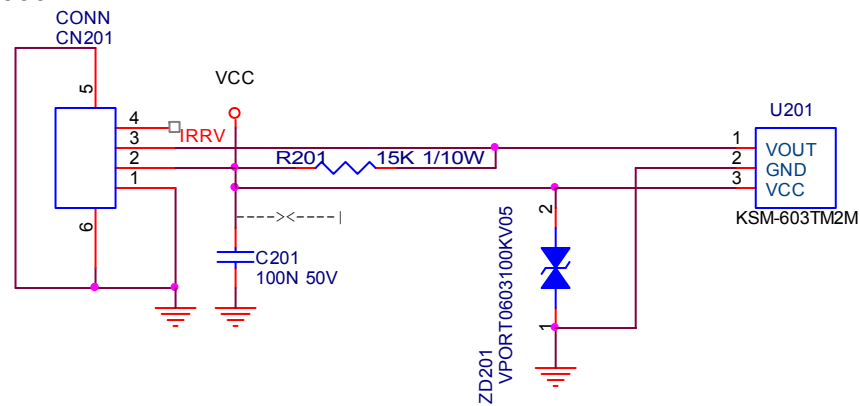
GPIO2,3,4,7,9,11, 13 output data format
is like mechanical switch output form,
i.e., No touch: Open, Touch: GND.

	CH -	CH +	VOL -	VOL +	Power	Input	Menu
CIN(+)	2	3	11	1	4	9	7
CIN(-)							
LED output							
GPIO output	13	2	3	4	7	9	11
Voltage	2.598	1.95	1.32	0.664	2.598	1.95	1.32

Cap Pads



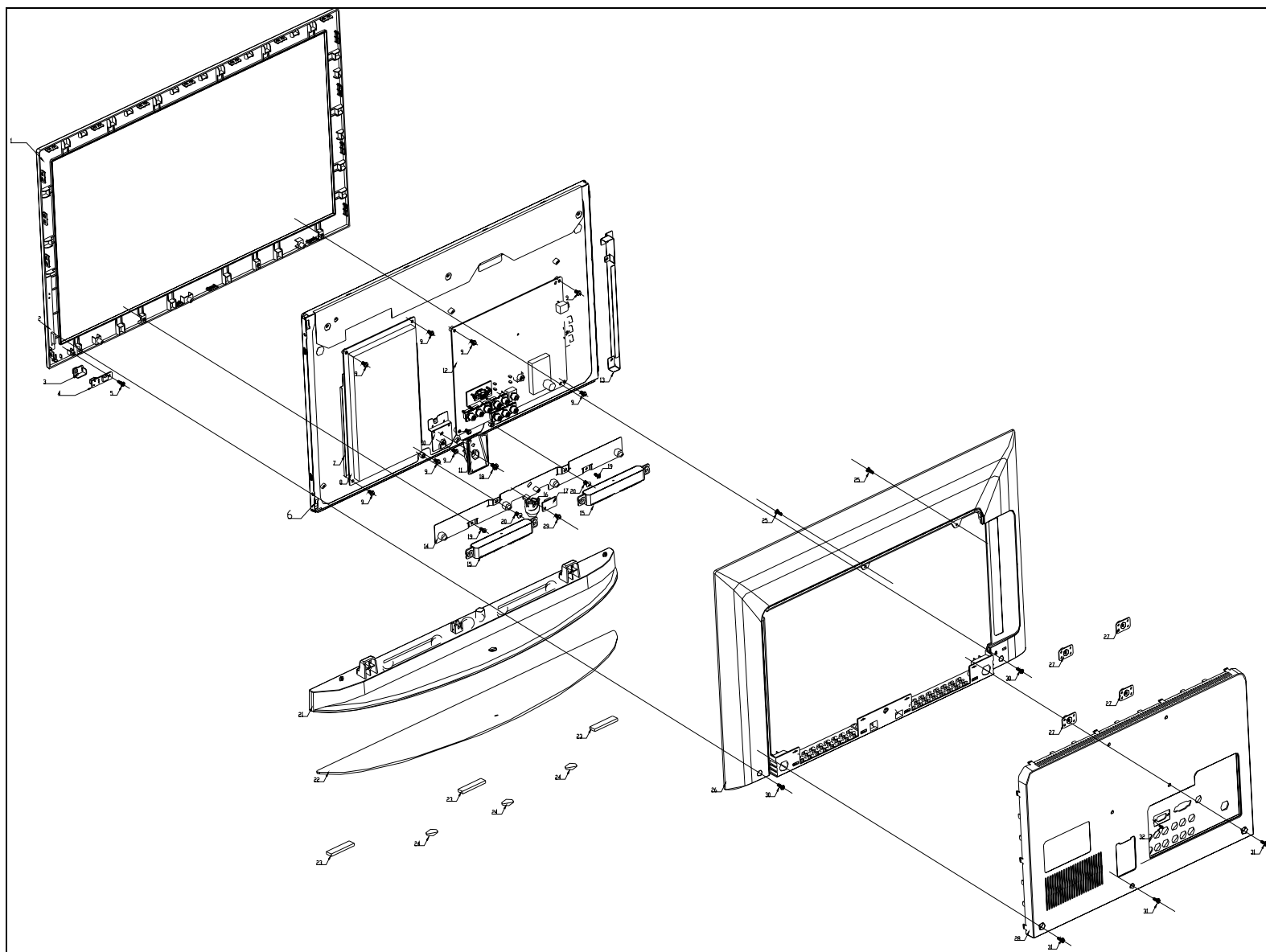
9.5 IR Board
715G4765R0D000004M

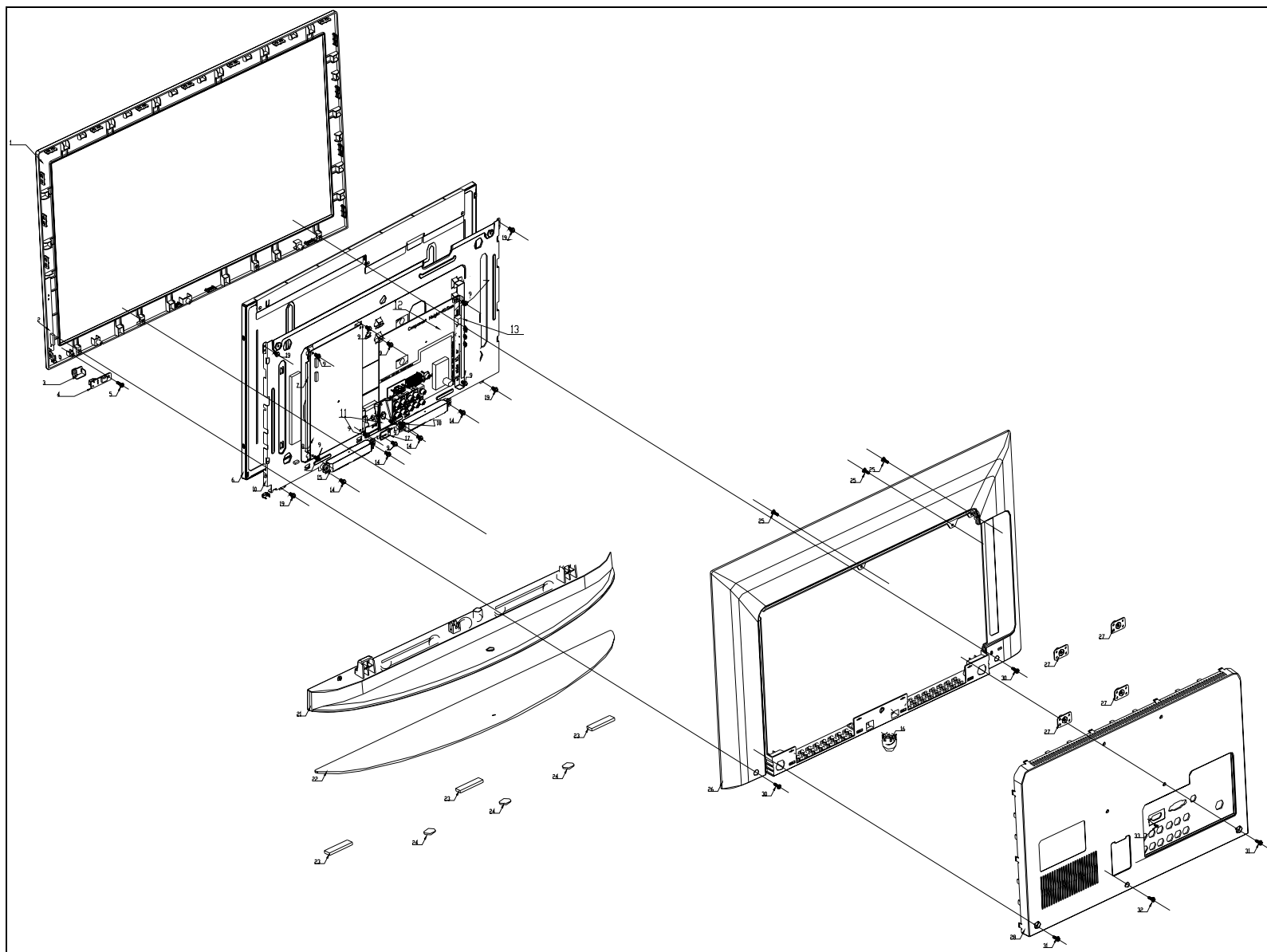


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL		Size	A
蛭隔瓜網腹	TPV MODEL		Rev	A
Key Component	IR	PCB NAME	称爹	<称爹>
Date	Friday, January 21, 2011	Sheet		
		1 of 1		

10. Exploded View

LE22H138





LE22H138	
Item	Description
1	BEZEL
2	TOUCH KEY
3	LENS_IR
4	KEY BOARD
6	PANEL
7	MYLAR
8	POWER BOARD
10	BRACKET_AC_INLET_TPV
11	AC COVER
12	MAIN BOARD
13	BRACKET_SIDE_IO_HIMAX

Item	Part No.	Description	Qty
14	BKT-SPEAKER		
15	SPEAKER	5 0Q1G 930 6 47 CR3	1
16	LENS_POWER	9 0M1G1730 8120	9
17	LED BOARD	18 0M1G 940 8 47 CR3	1
21	BASE	19 0Q1G 330 8 47 CR3	2
22	PLATE-STAND	20 0M1G1740 6120	2
23	FOOT PAD	25 0Q1G 930 10 47 CR3	2
24	FOOT PAD	29 0M1G1730 6120	1
26	REAR COVER	30 0Q1G 930 10 47 CR3	2
27	VEAS-BKT	31 0Q1G 930 20 47 CR3	3
28	COVER_IO	32 0M1G 330 8 47 CR3	1

LE24H138					
Item	Description				
1	BEZEL				
2	TOUCH KEY				
3	LENS_IR				
4	IR BOARD				
6	PANEL				
7	MYLAR				
8	POWER BOARD				
10	MAIN_FRAME				
11	AC COVER				
12	MAIN BOARD				
13	BRACKET_SIDE_IO_HIMAX	Item	Part No.	Description	Qty
15	SPEAKER	5	0Q1G 930 8 47 CR3	SCREW(IR BOARD/BEZEL)	1
16	LENS_POWER	9	0M1G1730 8120	SCREW(POWER BOARD/MAIN_FRAME/MAIN BOARD/LED BOARD)	9
17	LED BOARD	14	0M1G1830 6120	SCREW(SPEAKER/MAIN_FRAME)	4
21	STAND	18	0M1G 940 8 47 CR3	SCREW(AC COVER/MAIN_FRAME)	1
22	PLATE_STAND	19	0Q1G 930 6120	SCREW(BEZEL/MAIN_FRAME)	2
23	FOOT PAD	25	0Q1G 930 10 47 CR3	SCREW(REAR COVER/COVER IO)	3
24	FOOT PAD	30	0Q1G 930 10 47 CR3	SCREW(REAR COVER/BEZEL)	2
26	REAR COVER	31	0Q1G 930 26 47 CR3	SCREW(REAR COVER/COVER IO)	2
27	VEAS-BKT	32	0Q1G 930 20 47 CR3	SCREW(COVER IO)	1
28	COVER IO	33	0M1G 930 8 47 CR3	SCREW(COVER IO)	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.

LE22H138 E2AB4ANSAEE6NN

Location	Part No.	Description	Remark
SP01	078G050AX01 Y	SPEAKER 16 OHM 5W 100X21 250/250	
ECN700	095G801313DX08	HARNESS 13P-13P 160MM	2nd source
ECN700	095G801313XX08	HARNESS 13P-13P 160MM	
ECN8502	095G8014 6DJ24	HARNESS 6P-6P(CI1406S) 250MM	
ECN404	095G8018 3DJ86	HARNESS 30P-30P 120MM	
ECN404	095G8018 3XJ86	HARNESS 30P-30P 120MM	2nd source
	098GR7BDBNEACD	REMOTE CONTROL 90-364100T4401	
	0M1G 330 8 47 CR3	SCREW	
	0M1G 940 8 47 CR3	SCREW 4X8	
	0M1G1730 6120	SCREW,42-D020523	
	0M1G1730 8120	SCREW 3X8	
	0M1G1730 8120	SCREW 3X8	
	0M1G1730 8120	SCREW 3X8	
	0Q1G 930 10 47 CR3	SCREW	
	750TBU215H1B4HN000	LCD M215HW01 VBPB WH AUO	
	A33T1159 GM 1A0100	AC COVER	
	040G 45762412B	CBPC LABEL	
CN402	033G380213B YH L	WAFER 2.0MM 13P	
U100	053G 44X02	SAW FILTER IF 44MHZ D8618V	
C115	067G305M331 2C	EC 330UF 20% 10V 8*7	
C116	067G305S1013HV	EC 100UF 20% 16V 6.3*7	
C722	067G305S1013HV	EC 100UF 20% 16V 6.3*7	
C672	067G305S1013HV	EC 100UF 20% 16V 6.3*7	
C740	067G305S2213HV	EC 220UF 20% 16V 6.3*7	
C118	067G305S2213HV	EC 220UF 20% 16V 6.3*7	
C741	067G305S2213HV	EC 220UF 20% 16V 6.3*7	
C6127	067G305S3316CV	EC 330UF 20% 35V 10*9	
C6128	067G305S3316CV	EC 330UF 20% 35V 10*9	
C715	067G305S3316CV	EC 330UF 20% 35V 10*9	
C410	067G305S4703HV	EC 47UF 20% 16V 5*7	
C127	067G305S4703HV	EC 47UF 20% 16V 5*7	
C702	067G305S4703HV	EC 47UF 20% 16V 5*7	
C727	067G305S471 2C	EC 470UF 20% 10V KW 8*9	
CN601	088G 30211K	PHONE JACK 7PIN	
CN601	088G 302A11 YG	PHONE JACK 3.5μ 7PIN BLACK CKX3.507B-01	
CN602	088G 78F111VCL	RCA JACK V/T 2P BLACK 1*1 H=8.6	
CN602	088G 78F111VYG	RCA JACK V/T 2P BLACK 1*1 H=8.6	
CN100	088G 78F121XCL	RCA JACK V/T 4P W/R 1*2 H=8.6	
CN100	088G 78F121XYG	RCA JACK V/T 4P W/R 1*2 H=8.6	
CN110	088G 78F131XCL	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	
CN110	088G 78F131XYG	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	
CN109	088G 78F135XCL	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	
CN109	088G 78F135XYG	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	
CN107	088G 78G131ACL	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	
CN107	088G 78G131AYG	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	
CN103	088G302F3G1VCL	PHONE JACK V/T 3P GREEN H=8.4	
CN103	088G302F3G1VYG	PHONE JACK V/T 3P GREEN H=8.4	

CN108	088G353FFF1XXH	D-SUB CONN V/T 15P BLUE H=8.6 SCREWED	
X401	093G 22 58 YC	CRYSTAL 24.576MHZ 30PPM 20PF	
TU100	094GNPAL MN 2C	TUNER EPI TAF16-U4F11VH	
CN6101	311GW250B04BBX	WAFER 2.5MM 4P	
CN700	311GW250B13BBX	WAFER 2.5MM 13P	
	Q90T0197 4	HEAT SINK	
U709	056G 562X02	SCALER HX6220-F09DLAG LQFP128	
U701	056G 563121	IC G1084-33TU3UF TO-263T	
U703	056G 563157	IC G5628ADJT1U SOT23-5	
U159	056G 563519	IC G965-25ADJPIUF 1.8A SOP-8	
U6301	056G 616 54	IC TPA3110D2 15W TSSOP-28	
U602	056G 616116	AUDIO APA2172OI-TRG TSSOP-14	
U103	056G 662505	ESD PROTECT AOZ8105CI SOT-23-6	
U101	056G 662505	ESD PROTECT AOZ8105CI SOT-23-6	
U102	056G 665X02	OTHERS AGC AMPLIFIER SN761663DGKR SSOP-8	
U404	056G113353A	IC M24C32-WMN6T SO-8 ST	
U402	056G1133923	IC MX25L4005AM2C-12G SOP-8	
Q600	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q603	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q708	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q709	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q710	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q111	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q302	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q303	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q404	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q407	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q408	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q410	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q414	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q413	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q403	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q402	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q110	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q106	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q707	057G 417518	TRA LMBT3904LT1G 200MA/40V SOT-23 LRC	
Q406	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q706	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
RP103	061G 125104 8	RST CHIP AR 8P4R 100 KOHM +-5% 1/16W	
RP102	061G 125104 8	RST CHIP AR 8P4R 100 KOHM +-5% 1/16W	
RP101	061G 125104 8	RST CHIP AR 8P4R 100 KOHM +-5% 1/16W	
R174	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6175	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6174	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6173	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6172	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6111	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6110	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R319	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R301	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R254	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R203	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R169	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	

R6140	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6141	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6142	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6147	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6148	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6150	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R245	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R246	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R247	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R265	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R281	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R282	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R6158	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R6159	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R225	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R224	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R222	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R165	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R164	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R159	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R158	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R157	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R155	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R731	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R720	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R606	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R602	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R303	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R170	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R171	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R750	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R117	061G0402201 JF	RST CHIPR 200 OHM +-5% 1/16W FENGHUA	
R605	061G0402220 JF	RST CHIPR 22 OHM +-5% 1/16W FENGHUA	
R569	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R568	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R566	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R410	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R403	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R402	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R309	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R310	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R316	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R616	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R618	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R627	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R617	061G0402513 JF	RST CHIP 51K 1/16W 5% FENGHUA	
R621	061G0402513 JF	RST CHIP 51K 1/16W 5% FENGHUA	
R264	061G0402681 JF	RST CHIP 680R 1/16W 5% FENGHUA	
R279	061G0402681 JF	RST CHIP 680R 1/16W 5% FENGHUA	
R263	061G0402750 JF	RST CHIPR 75 OHM +-5% 1/16W FENGHUA	
R619	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R6151	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R615	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R610	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	

R609	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R313	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R312	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R186	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R168	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R167	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R166	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R133	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R132	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R112	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R111	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R6144	061G0603000 JI	RST 0603 0.05R MAX 1/10W TA-I	
R6144	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R752	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	
R751	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	
R438	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R432	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R428	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R427	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R129	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R128	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R719	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6171	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6163	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6146	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6139	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R460	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R436	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R182	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R110	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R104	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R622	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R603	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R565	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R520	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R519	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R518	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R466	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R623	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R637	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R638	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R639	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R716	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R717	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R728	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R302	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R304	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R305	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R404	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R406	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R416	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R417	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R465	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R454	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	

R442	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R440	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R420	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R419	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R418	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R259	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R253	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R209	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R215	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R122	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R121	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R277	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R274	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R271	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R262	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R441	061G0603105 JF	RST CHIPR 1M OHM +-5% 1/10W FENGHUA	
R173	061G06031202FY	RST CHIP 12K 1/10W 1%	
R278	061G0603151 JF	RST CHIPR 150 OHM +-5% 1/10W FENGHUA	
R608	061G0603181 JF	RST CHIPR 180 OHM +-5% 1/10W FENGHUA	
R280	061G0603201 JF	RST CHIP 200R 1/10W 5% FENGHUA	
R567	061G0603204 JF	RST CHIPR 200KOHM 5% 1/10W FENGHUA	
R127	061G0603222 JF	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	
R144	061G0603222 JF	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	
R135	061G0603229 JF	RST CHIPR 2.2 OHM 5% 1/10W FENGHUA	
R409	061G06032701FI	RST 0603 2.7K 1% 1/10W	
R408	061G06032701FI	RST 0603 2.7K 1% 1/10W	
R408	061G06032701FT	RST CHIP 2K7 1/10W 1%	
R409	061G06032701FT	RST CHIP 2K7 1/10W 1%	
R273	061G0603271 JF	RST CHIPR 270OHM 1/10W FENGHUA	
R115	061G0603273 JT	RST CHIP 27K 1/10W 5% TZAI YUAN	
R116	061G0603273 JT	RST CHIP 27K 1/10W 5% TZAI YUAN	
R125	061G0603330 JF	RST CHIP 33R 1/10W 5% FENGHUA	
R126	061G0603330 JF	RST CHIP 33R 1/10W 5% FENGHUA	
R604	061G0603332 JF	RST CHIPR 3.3KOHM 5% 1/10W FENGHUA	
R6156	061G06033321FF	RST CHIPR 3.32KOHM +-1% 1/10W FENGHUA	
R318	061G0603391 JF	RST CHIPR 390 OHM +-5% 1/10W FENGHUA	
R407	061G0603470 JT	RST CHIP 47R 1/10W 5% TZAI YUAN	
R407	061G0603470 JY	RST CHIPR 47 OHM 1/10W YAGEO	
R421	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R423	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R424	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R725	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R727	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R729	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R730	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R726	061G0603473 JF	RST CHIPR 47KOHM +-5% 1/10W FENGHUA	
R456	061G0603512 JT	RST 0603 5.1K 5% 1/10W	
R634	061G0603512 JT	RST 0603 5.1K 5% 1/10W	
R405	061G0603561 JF	RST CHIP 560R 1/10W 5% FENGHUA	
R522	061G0603622 JF	RST CHIPR 6.2KOHM +-5% 1/10W FENGHUA	
R522	061G0603622 JI	TEST ONLY RST 0603 6.2K 5% 1/16W TA-I	
R6157	061G06036801FF	RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	
R149	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R150	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	

R161	061G0603750 JF		RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R607	061G0603750 JF		RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R656	061G0603750 JF		RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R248	061G0603750 JF		RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R655	061G0603750 JF		RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R657	061G0603750 JF		RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R211	061G0603912 JT		RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	
R205	061G0603912 JT		RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	
R252	061G0603912 JT		RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	
R256	061G0603912 JT		RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	
R172	061G08053602FF		RST CHIPR 36KOHM +-1% 1/8W FENGHUA	
R6149	061G1206100 JF		RST CHIPR 10 OHM +-5% 1/4W FENGHUA	
C407	065G040210131J	A	CAP CHIP 0402 100PF J 50V NPO	
C409	065G040210131J	A	CAP CHIP 0402 100PF J 50V NPO	
C196	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C404	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C405	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C406	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C408	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C415	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C183	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C104	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C105	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C195	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C148	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C150	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C211	065G040222131J	T	CAP CHIP 0402 220PF 50V NPO	
C611	065G040222232K	A	CAP 0402 2.2NF 10% 50V X7R	
C612	065G040222232K	A	CAP 0402 2.2NF 10% 50V X7R	
C6144	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C6141	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C422	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C421	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C6131	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C6156	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C6157	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C6158	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C332	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C306	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C331	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C198	065G040247131J	A	CAP CHIP 0402 470PF J 50V NPO	
C209	065G040247131J	A	CAP CHIP 0402 470PF J 50V NPO	
C186	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C213	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C215	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C212	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C185	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C184	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C158	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C157	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C154	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C153	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C120	065G040256031J	Y	CAP CHIP 0402 56PF 50V NP0 +/-5%	
C121	065G040256031J	Y	CAP CHIP 0402 56PF 50V NP0 +/-5%	

C102	065G060310131J	A	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	
C103	065G060310131J	A	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	
C133	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C132	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C106	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C100	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C128	065G060310332K	Y	CAP CHIP 0603 10N 50V X7R +/-10%	
C194	065G060310412K	Y	CAP CHIP 0603 100N 16V X7R +/-10%	
C220	065G060310412K	Y	CAP CHIP 0603 100N 16V X7R +/-10%	
C456	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C462	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C463	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C464	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C605	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C606	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C608	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C454	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C433	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C403	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C310	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C135	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C131	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C126	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C119	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C739	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C733	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C731	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C729	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C728	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C726	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C725	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C724	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C720	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C719	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C714	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C659	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C658	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C623	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C610	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C609	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R	
C617	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R	
C618	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R	
C783	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C622	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C621	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C619	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6165	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6160	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6153	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6152	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C614	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6134	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6130	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C613	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	

C655	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C650	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C630	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C629	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6139	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C424	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C112	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6126	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	
C6129	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	
C6154	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	
C6155	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	
C459	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C746	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C461	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C604	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C625	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C624	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C423	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C117	065G060322031J	Y	CAP CHIP 0603 22P 50V NP0 +/-5%	
C142	065G060322031J	Y	CAP CHIP 0603 22P 50V NP0 +/-5%	
C147	065G060322031J	Y	CAP CHIP 0603 22P 50V NP0 +/-5%	
C189	065G060322131J	Y	CAP CHIP 0603 220P 50V NP0 +/-5%	
C217	065G060322131J	Y	CAP CHIP 0603 220P 50V NP0 +/-5%	
C6136	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C6135	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C6132	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C6120	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C402	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C602	065G0603225A5K	T	CAP 0603 2.2UF 10% 10V X5R	
C603	065G0603225A5K	T	CAP 0603 2.2UF 10% 10V X5R	
C152	065G060347332K	Y	CAP CHIP 0603 47N 50V X7R +/-10%	
C156	065G060347332K	Y	CAP CHIP 0603 47N 50V X7R +/-10%	
C6138	065G060368232K	Y	CAP CHIP 0603 6N8 50V X7R +/-10%	
C6140	065G060368232K	Y	CAP CHIP 0603 6N8 50V X7R +/-10%	
C6137	065G080510522K	Y	CAP CHIP 0805 1U 25V X7R +/-10%	
C210	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C305	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C325	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C425	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C451	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C452	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C460	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C620	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C742	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C744	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C636	065G080547515K	3	MLCC 0805 4U7 16V X5R +/-10%	
C635	065G080547515K	T	CAP CHIP 0805 4.7UF K 16V X5R	
C113	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C114	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C179	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C182	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C192	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C193	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C200	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	

C203	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C204	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C205	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C225	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C226	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C6142	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	
C6143	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	
C6149	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	
C6150	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	
U402	070GHDCP500HDC		HDCP CODE	
FB151	071G 56A221 TA		IND FXD 0805 EMI 100MHZ 220R R	
FB402	071G 56G151 B		CHIP BEAD 150OHM	
FB403	071G 56G151 B		CHIP BEAD 150OHM	
FB405	071G 56G151 B		CHIP BEAD 150OHM	
FB406	071G 56G151 B		CHIP BEAD 150OHM	
FB407	071G 56G151 B		CHIP BEAD 150OHM	
FB408	071G 56G151 B		CHIP BEAD 150OHM	
FB608	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB606	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB605	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB604	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB421	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB417	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB416	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB302	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB305	071G 56G301 EA		CHIP BEAD 0805 300R 25% 4000MA	
FB703	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB704	071G 56K121 TA		CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB603	071G 59A121 TA		CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB602	071G 59A121 TA		CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB107	071G 59B121 J		CHIP BEAD 121 OHM	
FB105	071G 59B601 MA		CHIP BEAD	
FB106	071G 59B601 MA		CHIP BEAD	
FB103	071G 59C121 B		FCM1608C-121T03 SMD	
FB418	071G 59C121 B		FCM1608C-121T03 SMD	
FB419	071G 59C121 B		FCM1608C-121T03 SMD	
R163	071G 59C600		CHIP BEAD 60 OHM 0603 FCM1608CF-600T06	
R160	071G 59C600		CHIP BEAD 60 OHM 0603 FCM1608CF-600T06	
R154	071G 59C600		CHIP BEAD 60 OHM 0603 FCM1608CF-600T06	
FB306	071G 59S601 T		CHIP BEAD 600R/500MA MMZ1608S601CT	
FB307	071G 59S601 T		CHIP BEAD 600R/500MA MMZ1608S601CT	
L102	073G 63229 TA		CHIP INDUCROR 2.2UH 10% FC11608F-2R2K	
L6101	073G253S 36 H HF		SMD CHOKE 22UH HF	
L6102	073G253S 36 H HF		SMD CHOKE 22UH HF	
L6103	073G253S 36 H HF		SMD CHOKE 22UH HF	
L6104	073G253S 36 H HF		SMD CHOKE 22UH HF	
L702	073G253S 68 H		SMD CHOKE 2.2UH 30% 2A	
L105	073T 6322910M		CHIP INDUCTOR 0603 2.2UH 10%	
L101	073T 6322910M		CHIP INDUCTOR 0603 2.2UH 10%	
CN301	088G 34021A VA		HDMI HEADER 21P H: 10.5MM	
CN301	088G 34021A VT		HDMI HEADER 21P + 2PCS SCREW HOLE	
D301	093G 60518SEM		DIODE BAT54C-HAF 300MA/30V SOT-23	
D403	093G 64 33		SWITCHING BAV99 0.2A 85V SOT-23	
ZD115	093G 39S 24 T		RLZ 5.6B LLDS	

ZD116	093G 39S 24 T	RLZ 5.6B LLDS	
ZD117	093G 39S 24 T	RLZ 5.6B LLDS	
ZD111	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD109	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD108	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD107	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD101	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
CN404	311GW125A30ACH	WAFER 1.25MM 30P	
E715	715G4708M0C000004I	MAIN BAORD	2nd source
E715	715G4708M0C000004K	MAIN BAORD	
	IRPFBQA3	IR BOARD	
U201	056G 627911	IR 38KHZ KSM-603TM2M	
CN201	033G8032 4F HR	CONNECTOR 4P 1.25	
R201	061G0603153 JY	RST CHIPR 15KOHM 1/10W YAGEO	
C201	065G060310437Z Y	CAP CHIP 0603 100N 50V Y5V -20%+80%	
ZD201	093G 64 37 N	VPORT0603100KV05	
	715G4765R0D000004M	IR BAORD	
	LEPFBQA2	LED BOARD	
CN331	033G8032 3F HR	CONNECTOR 3P 1.25	
R331	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R332	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
LED301	081G 15X01 GP	CHIP LED ORANGE/BLUE GPTD12048OBC1	
	715G4766T01000004S	LED BAORD	
	P15T0953201	BRACKET_SIDE_IO_HIMAX	
	P15T0956101	BRACKET_AC_INLET_TPV	
	P15T8299 2	VEAS-BKT	
	P34T0614ALZ 1T0130	REAR COVER	
	P34T0615AMA 2A0100	COVER_IO	
	PLTVAC441XAAO	POWER BOARD	
	040G 45762412B	CBPC LABEL	
	009G6005 1	GROUND TERMINAL	
CN8502	033G3802 6B YH	CONN.6P 2.0 DIP	
CN901	033G8029 3A H	B2P3S-VH	
IC903	056G 139 3A	PC123Y22FZOF SHARP	
NR901	061G 58509MEW	NTCR 5R 5A SCK13055MMY506	
R928	061G153M15152T SY	RST MOF 150R 5% 3W	
C9901	063G107K474AUZ	CAP X2 470NF 10% 305V	
C907	065G 1K1021AT	CK45-R3AD102K-NR 1000PF / 1KV R-TYPE P	
C9925	065G306K4712ZS	CAP Y1 470PF 10% 250V Y5P	
C9922	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C9923	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C9924	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C904	067G 42Z47015L	EC 47UF 20% 450V 10*50	
C905	067G 42Z47015L	EC 47UF 20% 450V 10*50	
C9105	067G204S4704LV	CAP CS 47UF 20% 25V 8*7 2000 HR	
C9101	067G204V471 2K	CS CAP 470UF 10V 8*8 MM	
C8514	067G215C4706KV	EC 47UF 20% 35V EM 8*9	
C928	067G215C4706LV	EC 47UF 20% 35V RXY 8*9	
C9103	067G215C4713KV	LOW ESR EC 470UF 16V 8*9MM	
C8506	067G415Z121 9K	EC 120UF 20% 100V 8*35	
FB904	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
FB905	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
L9902	073G 174231 H	LINE FILTER 12MH MIN LCL-11816 HA	

L9901	073G 174231 H	LINE FILTER 12MH MIN LCL-11816 HA	
L8501	073G 253214 DN	CHOKE COIL 47UH 10% LZ.CC013.G01	
L902	073G 253219 DN	CHOKE COIL 3.4UH 10% LZ.CJ006.B00	
L901	073G 253219 DN	CHOKE COIL 3.4UH 10% LZ.CJ006.B00	
T9101	080GL19P 33 N	X'FMR 520UH 8% 20UH YUVA-1665	
BD901	093G 50460934	BRIDGE UR4KB80-02 X0 4A 800V D3K	
CN902	311GW250B13BBX	WAFER 2.5MM 13P	
	705TQA57080	Q9101 ASS'Y	
Q9101	057G 667 52	FET 2SK4100LS-T 7A/650V TO-220FI(LS)	
Q9101	057G 667931	MOSFET AOTF8N65 8A 650V TO-220FP	
	0M1G 930 8120	SCREW 3X8	
	Q90T0195 2	HEAT SINK	
	705TQA93112	D9101 ASS'Y	
D9101	093G 60931	DIODE MBRF1560CT ITO-220AB	
D9101	093G1506 2	FMW-2156	
	0M1G 930 8120	SCREW 3X8	
	Q90T0195 2	HEAT SINK	
	705TQA93113	D9105 ASS'Y	
D9105	093G 60239	FME-210B TO-220	
D9105	093G 60903	RECT MBRF10150CT C0 10A 150V ITO-220AB	
	0M1G 930 8120	SCREW 3X8	
	Q90T0195 2	HEAT SINK	
IC8501	056G 379185	AC/DC CONVERTER TA9690GN-A1-0-TR SOP-24	
IC9101	056G 379190	AC/DC CONVERTER LD7750RGR SOP-7	
R965	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R965	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	
R8522	061G0805101 JF	RST 0805 100R 5% 1/8W	
R8524	061G0805101 JF	RST 0805 100R 5% 1/8W	
R8522	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN	
R8524	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN	
R8526	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R8526	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R8528	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R8521	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R915	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R8521	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8528	061G0805103 JT	RST 0805 10K 5% 1/8W	
R915	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8523	061G0805104 JF	RST CHIPR 100KOHM +-5% 1/8W FENGHUA	
R8531	061G0805104 JF	RST CHIPR 100KOHM +-5% 1/8W FENGHUA	
R8523	061G0805104 JY	RST CHIPR 100KOHM 1/8W YAGEO	
R8531	061G0805104 JY	RST CHIPR 100KOHM 1/8W YAGEO	
R8513	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8514	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8516	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8517	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8518	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8519	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8520	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8533	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8533	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8520	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8519	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	

R8518	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8517	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8516	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8514	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8513	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8527	061G0805164 JF	RST 0805 160K 5% 1/8W	
R8525	061G0805243 JF	RST CHIPR 24KOHM +-5% 1/8W FENGHUA	
R8525	061G0805243 JT	RST CHIP 24K 1/8W 5% TZAI YUAN	
R930	061G08052431FF	RST CHIPR 2.43KOHM +-1% 1/8W FENGHUA	
R930	061G08052431FY	RST CHIP 2K43 1/8W 1%	
R8535	061G0805304 JF	RST CHIPR 300KOHM +-5% 1/8W FENGHUA	
R8535	061G0805304 JT	RST CHIP 300K 1/8W 5% TZAI YUAN	
R922	061G0805332 JF	RST CHIPR 3.3KOHM +-5% 1/8W FENGHUA	
R922	061G0805332 JT	RST CHIP 3K3 1/8W 5% TZAI YUAN	
R927	061G08053901FF	RST CHIPR 3.9KOHM +-1% 1/8W FENGHUA	
R927	061G08053901FY	RST CHIP 3K9 1/8W 1%	
JR901	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR902	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR904	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
R8534	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
R8534	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR904	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR902	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR901	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R8532	061G1206100 JF	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	
R8532	061G1206100 JT	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	
R906	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R907	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R909	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R910	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R910	061G1206104 JI	RST 1206 100K 5% 1/4W	
R909	061G1206104 JI	RST 1206 100K 5% 1/4W	
R907	061G1206104 JI	RST 1206 100K 5% 1/4W	
R906	061G1206104 JI	RST 1206 100K 5% 1/4W	
R912	061G1206129 JF	RST CHIPR 1.2 OHM +-5% 1/4W 1206	
R912	061G1206129 JI	RST CHIPR 1.2 OHM +-5% 1/4W 1206	
R902	061G1206221 JI	RST 1206 220R 5% 1/4W	
R903	061G1206221 JI	RST 1206 220R 5% 1/4W	
R904	061G1206221 JI	RST 1206 220R 5% 1/4W	
R905	061G1206221 JI	RST 1206 220R 5% 1/4W	
R905	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R904	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R903	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R902	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R8502	061G1206308 JF	RST CHIPR 0.3 OHM +-5% 1/4W FENGHUA	
R8501	061G1206308 JF	RST CHIPR 0.3 OHM +-5% 1/4W FENGHUA	
R8502	061G1206308 JI	RST CHIPR 0.3 OHM +-5% 1/4W 1206	
R8501	061G1206308 JI	RST CHIPR 0.3 OHM +-5% 1/4W 1206	
R917	061G1206470 JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R916	061G1206470 JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R917	061G1206470 JT	RST CHIPR 47 OHM +-5% 1/4W TZAI YUAN	
R916	061G1206470 JT	RST CHIPR 47 OHM +-5% 1/4W TZAI YUAN	
R925	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
R924	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	

R923	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
R925	061G1206624 JI	RST 1206 620K 5% 1/4W	
R924	061G1206624 JI	RST 1206 620K 5% 1/4W	
R923	061G1206624 JI	RST 1206 620K 5% 1/4W	
R913	061G1206682 JI	RST 6.8K OHM 5% 1/4W TA-I	
R911	061G1206682 JI	RST 6.8K OHM 5% 1/4W TA-I	
R908	061G1206682 JI	RST 6.8K OHM 5% 1/4W TA-I	
R908	061G1206682 JT	RST CHIPR 6.8 KOHM +-5% 1/4W TZAI YUAN	
R911	061G1206682 JT	RST CHIPR 6.8 KOHM +-5% 1/4W TZAI YUAN	
R913	061G1206682 JT	RST CHIPR 6.8 KOHM +-5% 1/4W TZAI YUAN	
C8502	065G080510131J F	CAP CHIP 0805 100PF J 50V NPO	
C8509	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C921	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C8515	065G080510432K 3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9104	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9109	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C920	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C8505	065G080510535K T	CAP CHIP 0805 1UF K 50V X5R	
C8507	065G080510535K T	CAP CHIP 0805 1UF K 50V X5R	
C8512	065G080522512K M	CAP 0805 2.2UF 10% 16V X7R	
C8511	065G080522522K Y	CAP CHIP 0805 2U2 25V X7R +/-10%	
C8510	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	
C903	065G1206102B2K Y	MLCC 1206 1000PF 630V X7R +-10% YAGEO	
ZD8501	093G 60S509 T	SCHOTTKY BR310 T/R 3A 100V SMB	
ZD8501	093G 60S907 T	SCHOTTKY B3100B 3A 100V SMB	
CN901	006G 31500 GP	EYELET	
R9101	061G152M39852T	RST MOFR 0.39 OHM +-5% 2WS	
FB903	071G 55 29	FERRITE BEAD	
FB901	071G 55 29	FERRITE BEAD	
F901	084G 56 3 B	FUSE 3.15A 250V	
D901	093G 6026T52T	CTIFIER DIODE FR107	
D903	093G110050152T	DIODE PR1007 1A/1000V 500NS DO-41	
J919	095G 90 23	JUMPER WIRE	
J918	095G 90 23	JUMPER WIRE	
J917	095G 90 23	JUMPER WIRE	
J911	095G 90 23	JUMPER WIRE	
J912	095G 90 23	JUMPER WIRE	
J920	095G 90 23	JUMPER WIRE	
J910	095G 90 23	JUMPER WIRE	
J914	095G 90 23	JUMPER WIRE	
J913	095G 90 23	JUMPER WIRE	
J909	095G 90 23	JUMPER WIRE	
J908	095G 90 23	JUMPER WIRE	
J907	095G 90 23	JUMPER WIRE	
J906	095G 90 23	JUMPER WIRE	
J905	095G 90 23	JUMPER WIRE	
J904	095G 90 23	JUMPER WIRE	
J901	095G 90 23	JUMPER WIRE	
J902	095G 90 23	JUMPER WIRE	
J903	095G 90 23	JUMPER WIRE	
E715	715G4485P0A0010020	POWER BAORD	
C9108	067G215P2714KT	EC 270UF 20% 25V 10*9	
C9108	067G215P2714LT	EC 270UF 20% 25V RXK 10*9	
J915	095G 90 23	JUMPER WIRE	

ZD902	093G	3995752T		ZENER GDZJ24B 24V 0.5W DO-35	
ZD903	093G	3952552T		ZENER MTZJ T 6.2B	
D902	093G	6451652T		1N4148	
D904	093G	6451652T		1N4148	
ZD902	093G	3916952T		ZENER MTZJ T-72 24B 24V 0.5W DO-34	
FB902	071G	55 29		FERRITE BEAD	
F901	084G	56 3 C		FUSE 3.15A 250V MST 3.15A 250V	
ZD901	093G	3958352T		ZENER GDZJ13B BY PANJIT	
J922	095G	90 23		JUMPER WIRE	
ZD901	093G	3919152T		MTZJ T-72 13B 500MW/13V DO-34	
J916	095G	90 23		JUMPER WIRE	
NR901	006G	31 4		1.7MM RIVET	
FB906	071G	55 9 T		BEAD 3.5*0.8*6.0MM 110R 25% HF	
IC904	056G	158 12		SHUNT REGULATOR KIA431A-AT/P TO-92	
C9106	065G080510432K	F		CAP CHIP 0805 0.1UF K 50V X7R	
C9102	065G080510432K	F		CAP CHIP 0805 0.1UF K 50V X7R	
R915	061G0805103 JI			RST 0805 10K 5% 1/8W	
R926	061G08053902FT			RST CHIP 39K 1/8W 1%	
R918	061G0805102 JT			RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
C926	065G080547432K	T		CAP CHIP 0805 0.47UF K 50V X7R	
R901	061G0805102 JT			RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
C924	065G080522332K	Y		CAP CHIP 0805 22N 50V X7R +/-10%	
R8506	061G08053302FT			RST CHIP 33K 1/8W 1%	
R8503	061G08051004FT			RST CHIP R 1 MOHM +-1% 1/8W	
C923	065G080547132K	Y		CAP CHIP 0805 470P 50V X7R +/-10%	
R921	061G1206471 JT			RST CHIPR 470 OHM +-5% 1/4W TZAI YUAN	
R919	061G1206104 JT			RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN	
D905	093G	60S934 T		DIODE SS0520 SOD-123	
D905	093G	60S914 T		DIODE RB751V-40 SOD-323	
C918	065G080547232K	F		CAP 0805 4.7NF 10% 50V X7R	
C922	065G080547232K	F		CAP 0805 4.7NF 10% 50V X7R	
R8530	061G0805220 JT			RST CHIPR 22OHM +-5% 1/8W TZAI YUAN	
R8512	061G1206390 JT			RST 1206 39R 5% 1/4W	
R8536	061G1206390 JT			RST 1206 39R 5% 1/4W	
C8504	065G080522232K	Y		CAP CHIP 0805 2N2 50V X7R +/-10%	
C8516	065G080522232K	Y		CAP CHIP 0805 2N2 50V X7R +/-10%	
R914	061G0805470 JT			RST CHIPR 47OHM +-5% 1/8W TZAI YUAN	
Q903	057G	417 4		PMBS3904/PHILIPS-SMT(04)	
C930	065G080510432K	F		CAP CHIP 0805 0.1UF K 50V X7R	
R932	061G0805102 JF			RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R933	061G0805102 JF			RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
Q8503	057G	600941		MOSFET AOD482 32A 100V TO-252	
Q8503	057G	763989		MOSFET PA110BD 15A 100V TO-252	
R929	061G1206511 JI			RST 510 OHM 5% 1/4W TA-I	
R929	061G1206511 JT			RST CHIPR 510OHM +-5% 1/4W TZAI YUAN	
R931	061G0805102 JF			RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R931	061G0805102 JT			RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
Q902	057G	419913 T		TRANSISTOR 2SD1623S-TD-E PCP	
C8517	065G080533422K	Y		CAP CHIP 0805 330N 25V X7R +/-10%	
C929	065G080510432K	3		CAP CHIP 0805 100N 50V X7R +/-10%	
C8518	065G080510432K	Y		CAP CHIP 0805 100N 50V X7R +/-10%	
		Q44GC155101		CUSHION-T EPS	
		Q44GC155201		CUSHION-B EPS	
		Q44GC155615 2A		CARTON	

	Q52G1201 TV 3	TAPE_DOUBLE	
	Q52G1801 TV008	MYLAR	
	092GB1JX1A3EGC	BATTERY LR03 (KA) 2S/G	
ECN402	095G801413DX08	HARNESS 13P-3P+4P+7P 120/340/350MM	2nd source
ECN402	095G801413XX08	HARNESS 13P-3P+4P+7P 120/340/350MM	
	0Q1G 930 6 47 CR3	SCREW 3X6	
	KEPFBQA3	KEY BOARD	
CN001	033G8032 7F S HR	CONNECTOR 7P 1.25	
U002	056G 669 32	TOUCH KEY IT7235BFN-3104/AX(R) QFN24	
R025	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R011	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R010	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R012	061G0402101 JF	RST CHIPR 100 OHM +/-5% 1/16W FENGHUA	
R019	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R015	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R017	061G0402182 JT	RST CHIPR 1.8KOHM 5% 1/16W TZAIYUAN	
R020	061G0402182 JT	RST CHIPR 1.8KOHM 5% 1/16W TZAIYUAN	
R022	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R018	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R021	061G0402681 JT	RST CHIP 680R 1/16W 5% TZAI YUAN	
C004	065G040210131J Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C001	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C005	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C003	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C002	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
	715G4776K0D000004S	KEY BAORD	
	P33T0192AMB 1C0100	LENS_POWER	
	P33T0193 ED 1C0100	LENS_IR	
	P34T0612ADTB1T0130	BEZEL	
	P34T0616 KG 1C0133	BASE	
	Q12G6082 1	FOOT PAD	
	756TQBCB AS003 00	MAIN BOARD-CBPFBA6SQ1	
U402	056G1133923	IC MX25L4005AM2C-12G SOP-8	
SMTF-U402	100TAHAI002ST1	MCU ASS'Y-056G1133923	
	P15T0957102	BKT-SPEAKER	
	0Q1G 930 10 47 CR3	SCREW	
	Q45G 76 28NV2 R	PE BAG FOR BASE SCREW SZ02742	
	Q45G9901 TV008	P.E. BAG 680 540 0.02+0.3 0.02	
	Q45G 99626 36 BC	PE BAG	
	Q52G1201 TV 6	TAPE_DOUBLE	
	P15T0958202	PLATE-STAND	
	Q12G7110 1	FOOT PAD	
	Q40G2011 22002	BKT IO LABEL	
	Q40G2011 22100	BACK IO LABEL	
	Q40G2011 22001	SIDE IO LABEL	
	Q44GC155301EPE	CUSHION EPE	
	0M1G1740 6120	SCREW	
ECN901	095G8021 3D 55	HARNESS 3P 120MM FQE103179I	
ECN901	095G8021 3X 55	HARNESS 3P 120MM LCDXXTF0938	2nd source
	Q36T 600 18121	NONWOVEN FABRTC	
	Q36T 600 18118	NONWOVEN FABRIC	
	Q36T 600 30 8	NONWOVEN FABRIC	
	Q36T 600 35 18 GP	NONWOVEN FABRIC	
	Q36T 600 38 3	NONWOVEN FABRIC	

	Q36T 600 49 6	NONWOVEN FABRIC	
	052G 2191 A	PAPER TAPE	
	052G 1186	SMALL TAPE	
	Q52G 1150523	TAPE_INSULATING	
	705TQ949001	COMSUPTIVE ASS'Y-A4	
	040G 58162435A	P/N LABEL FOR MANUAL PE BAG	
	040G 581689 4A	BARCODE LABEL FOR 1	
	Q40G 22061552A	RATING LABEL	
	Q40G000267351A	SA SERVICE LABEL	
	Q40G000461514A	LABEL POP FOR LE22H138&LE24H138 SA	
	050G 600 2	HANDLE1	
	050G 600 3	HANDLE2	
	052G 1185	MIDDLE TAPE (Y1200141)	
	052G 1185 1	BIG TAPE(Y1200141)	
	Q45G 77511	PE PACKING(BLACK)	
	Q50G 4 10	TIE (Y1900221)	
	Q41G780061532E	CARD SA CENTER LIST	
	Q41G78DV615 1A	WARRANTY CARD	
	Q45G2010M0101A	PE BAG FOR MANUAL	
	Q41G24MV615 5A	LE22H18/LE24H138 MANUAL	
	Q41G78SV61523A	LE22H138/LE24H138 QSG	
	089G204A15N IS	AC POWER CORD 1500MM	
	0Q1G 330 8 47 CR3	SCREW	
	0Q1G 930 20 47 CR3	SCREW	

LE24H138 E24BAANSAAEE6NN

Location	Part No.	Description	Remark
	092GB1JX1A3EGC	BATTERY LR03 (KA) 2S/G	
ECN700	095G801313DX08	HARNESS 13P-13P 160MM	2nd source
ECN700	095G801313XX08	HARNESS 13P-13P 160MM	
ECN8502	095G8014 6DJ24	HARNESS 6P-6P(CI1406S) 250MM	
ECN402	095G801413DX08	HARNESS 13P-3P+4P+7P 120/340/350MM	2nd source
ECN402	095G801413XX08	HARNESS 13P-3P+4P+7P 120/340/350MM	
ECN404	095G8018 3DJ85	HARNESS 30P-30P 160MM	
ECN404	095G8018 3XJ85	HARNESS 30P-30P 160MM	2nd source
	098GR7BDBNEACD	REMOTE CONTROL 90-364100T4401	
E750	750TBU240H1B23N000	LCD M240HW01 VB0A XM AUO	
	A33T1159 GM 1A0100	AC COVER	
	040G 45762412B	CBPC LABEL	
CN402	033G380213B YH L	WAFER 2.0MM 13P	
U100	053G 44X02	SAW FILTER IF 44MHZ D8618V	
C115	067G305M331 2C	EC 330UF 20% 10V 8*7	
C722	067G305S1013HV	EC 100UF 20% 16V 6.3*7	
C672	067G305S1013HV	EC 100UF 20% 16V 6.3*7	
C116	067G305S1013HV	EC 100UF 20% 16V 6.3*7	
C740	067G305S2213HV	EC 220UF 20% 16V 6.3*7	
C741	067G305S2213HV	EC 220UF 20% 16V 6.3*7	
C118	067G305S2213HV	EC 220UF 20% 16V 6.3*7	
C715	067G305S3316CV	EC 330UF 20% 35V 10*9	
C6127	067G305S3316CV	EC 330UF 20% 35V 10*9	
C6128	067G305S3316CV	EC 330UF 20% 35V 10*9	
C702	067G305S4703HV	EC 47UF 20% 16V 5*7	
C127	067G305S4703HV	EC 47UF 20% 16V 5*7	
C410	067G305S4703HV	EC 47UF 20% 16V 5*7	
C727	067G305S471 2C	EC 470UF 20% 10V KW 8*9	
CN601	088G 30211K	PHONE JACK 7PIN	
CN601	088G 302A11 YG	PHONE JACK 3.5 μ 7PIN BLACK CKX3.507B-01	
CN602	088G 78F111VCL	RCA JACK V/T 2P BLACK 1*1 H=8.6	
CN602	088G 78F111VYG	RCA JACK V/T 2P BLACK 1*1 H=8.6	
CN100	088G 78F121XCL	RCA JACK V/T 4P W/R 1*2 H=8.6	
CN100	088G 78F121XYG	RCA JACK V/T 4P W/R 1*2 H=8.6	
CN110	088G 78F131XCL	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	
CN110	088G 78F131XYG	RCA JACK V/T 6P Y/W/R 1*3 H=8.6	
CN109	088G 78F135XCL	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	
CN109	088G 78F135XYG	RCA JACK V/T 6P G/BL/R 1*3 H=8.6	
CN107	088G 78G131ACL	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	
CN107	088G 78G131AYG	RCA JACK 6P R/A Y/W/R H 1*3 H=10.5	
CN103	088G302F3G1VCL	PHONE JACK V/T 3P GREEN H=8.4	
CN103	088G302F3G1VYG	PHONE JACK V/T 3P GREEN H=8.4	
CN108	088G353FFF1XXH	D-SUB CONN V/T 15P BLUE H=8.6 SCREWED	
X401	093G 22 58 YC	CRYSTAL 24.576MHZ 30PPM 20PF	
TU100	094GNPAL MN 2C	TUNER EPI TAF16-U4F11VH	
CN6101	311GW250B04BBX	WAFER 2.5MM 4P	
CN700	311GW250B13BBX	WAFER 2.5MM 13P	
	Q90T0197 4	HEAT SINK	
U709	056G 562X02	SCALER HX6220-F09DLAG LQFP128	
U701	056G 563121	IC G1084-33TU3UF TO-263T	
U703	056G 563157	IC G5628ADJT1U SOT23-5	

U159	056G 563519	IC G965-25ADJPIUF 1.8A SOP-8	
U6301	056G 616 54	IC TPA3110D2 15W TSSOP-28	
U602	056G 616116	AUDIO APA2172OI-TRG TSSOP-14	
U103	056G 662505	ESD PROTECT AOZ8105CI SOT-23-6	
U101	056G 662505	ESD PROTECT AOZ8105CI SOT-23-6	
U102	056G 665X02	OTHERS AGC AMPLIFIER SN761663DGKR SSOP-8	
U404	056G113353A	IC M24C32-WMN6T SO-8 ST	
U402	056G1133923	IC MX25L4005AM2C-12G SOP-8	
Q111	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q302	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q303	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q404	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q407	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q408	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q410	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q600	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q603	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q708	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q709	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q710	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
Q414	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q413	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q403	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q402	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q110	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q106	057G 417 6	PMBS3906/PHILIPS-SMT(06)	
Q707	057G 417518	TRA LMBT3904LT1G 200MA/40V SOT-23 LRC	
Q706	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
Q406	057G 763 79	FET AO4449 -7A/-30V SOIC-8	
RP103	061G 125104 8	RST CHIP AR 8P4R 100 KOHM +-5% 1/16W	
RP102	061G 125104 8	RST CHIP AR 8P4R 100 KOHM +-5% 1/16W	
RP101	061G 125104 8	RST CHIP AR 8P4R 100 KOHM +-5% 1/16W	
R174	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6175	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6174	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6173	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6172	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6111	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6110	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R319	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R301	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R254	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R203	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R169	061G0402000 JF	RST CHIPR MAX0R05 1/16W FENGHUA	
R6140	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6141	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6142	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6147	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6148	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6150	061G0402100 JF	RST CHIPR 10 OHM +-5% 1/16W FENGHUA	
R6159	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R6158	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R282	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	

R281	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R265	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R247	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R246	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R245	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R225	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R224	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R222	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R165	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R164	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R159	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R158	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R157	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R155	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R731	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R720	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R606	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R602	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R303	061G0402102 JF	RST CHIPR 1KOHM +-5% 1/16W FENGHUA	
R170	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R171	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R750	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA	
R117	061G0402201 JF	RST CHIPR 200 OHM +-5% 1/16W FENGHUA	
R605	061G0402220 JF	RST CHIPR 22 OHM +-5% 1/16W FENGHUA	
R569	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R568	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R566	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R410	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R403	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R402	061G0402472 JF	RST CHIPR 4.7KOHM +-5% 1/16W FENGHUA	
R627	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R618	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R616	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R316	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R310	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R309	061G0402473 JF	RST CHIPR 47KOHM +-5% 1/16W FENGHUA	
R617	061G0402513 JF	RST CHIP 51K 1/16W 5% FENGHUA	
R621	061G0402513 JF	RST CHIP 51K 1/16W 5% FENGHUA	
R264	061G0402681 JF	RST CHIP 680R 1/16W 5% FENGHUA	
R279	061G0402681 JF	RST CHIP 680R 1/16W 5% FENGHUA	
R263	061G0402750 JF	RST CHIPR 75 OHM +-5% 1/16W FENGHUA	
R111	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R112	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R132	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R619	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R6151	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R615	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R610	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R609	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R313	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R312	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R186	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R168	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R167	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	

R166	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R133	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R6144	061G0603000 JI	RST 0603 0.05R MAX 1/10W TA-I	
R6144	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R751	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	
R752	061G06031002FF	RST CHIPR 10 KOHM +-1% 1/10W FENGHUA	
R438	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R432	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R428	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R427	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R129	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R128	061G0603101 JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA	
R719	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6171	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6163	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6146	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R6139	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R460	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R436	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R182	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R110	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R104	061G0603102 JF	RST CHIPR 1K OHM +-5% 1/10W FENGHUA	
R622	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R603	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R565	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R520	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R519	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R518	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R466	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R623	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R637	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R638	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R639	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R716	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R717	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R728	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R302	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R304	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R305	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R404	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R406	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R416	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R417	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R465	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R454	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R442	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R440	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R420	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R419	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R418	061G0603103 JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA	
R259	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R253	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R209	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R215	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	

R122	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R121	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R277	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R274	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R271	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R262	061G0603104 JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA	
R441	061G0603105 JF	RST CHIPR 1M OHM +-5% 1/10W FENGHUA	
R173	061G06031202FY	RST CHIP 12K 1/10W 1%	
R278	061G0603151 JF	RST CHIPR 150 OHM +-5% 1/10W FENGHUA	
R608	061G0603181 JF	RST CHIPR 180 OHM +-5% 1/10W FENGHUA	
R280	061G0603201 JF	RST CHIP 200R 1/10W 5% FENGHUA	
R567	061G0603204 JF	RST CHIPR 200KOHM 5% 1/10W FENGHUA	
R144	061G0603222 JF	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	
R127	061G0603222 JF	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	
R135	061G0603229 JF	RST CHIPR 2.2 OHM 5% 1/10W FENGHUA	
R409	061G06032701FI	RST 0603 2.7K 1% 1/10W	
R408	061G06032701FI	RST 0603 2.7K 1% 1/10W	
R408	061G06032701FT	RST CHIP 2K7 1/10W 1%	
R409	061G06032701FT	RST CHIP 2K7 1/10W 1%	
R273	061G0603271 JF	RST CHIPR 270OHM 1/10W FENGHUA	
R115	061G0603273 JT	RST CHIP 27K 1/10W 5% TZAI YUAN	
R116	061G0603273 JT	RST CHIP 27K 1/10W 5% TZAI YUAN	
R125	061G0603330 JF	RST CHIP 33R 1/10W 5% FENGHUA	
R126	061G0603330 JF	RST CHIP 33R 1/10W 5% FENGHUA	
R604	061G0603332 JF	RST CHIPR 3.3KOHM 5% 1/10W FENGHUA	
R6156	061G06033321FF	RST CHIPR 3.32KOHM +-1% 1/10W FENGHUA	
R318	061G0603391 JF	RST CHIPR 390 OHM +-5% 1/10W FENGHUA	
R407	061G0603470 JT	RST CHIP 47R 1/10W 5% TZAI YUAN	
R407	061G0603470 JY	RST CHIPR 47 OHM 1/10W YAGEO	
R730	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R729	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R727	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R725	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R424	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R423	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R421	061G0603472 JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA	
R726	061G0603473 JF	RST CHIPR 47KOHM +-5% 1/10W FENGHUA	
R456	061G0603512 JT	RST 0603 5.1K 5% 1/10W	
R634	061G0603512 JT	RST 0603 5.1K 5% 1/10W	
R405	061G0603561 JF	RST CHIP 560R 1/10W 5% FENGHUA	
R522	061G0603622 JF	RST CHIPR 6.2KOHM +-5% 1/10W FENGHUA	
R522	061G0603622 JI	TEST ONLY RST 0603 6.2K 5% 1/16W TA-I	
R6157	061G06036801FF	RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	
R149	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R150	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R161	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R607	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R656	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R248	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R655	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R657	061G0603750 JF	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	
R211	061G0603912 JT	RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	
R205	061G0603912 JT	RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	
R252	061G0603912 JT	RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	

R256	061G0603912 JT		RST CHIP R 9.1KOHM +-5% 1/10W TZAI YUAN	
R172	061G08053602FF		RST CHIPR 36KOHM +-1% 1/8W FENGHUA	
R6149	061G1206100 JF		RST CHIPR 10 OHM +-5% 1/4W FENGHUA	
C407	065G040210131J	A	CAP CHIP 0402 100PF J 50V NPO	
C409	065G040210131J	A	CAP CHIP 0402 100PF J 50V NPO	
C415	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C408	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C406	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C405	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C404	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C196	065G040210131J	Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C183	065G040210232K	Y	CAP CHIP 0402 1N 50V X7R +/-10%	
C104	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C105	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%	
C195	065G040210412K	Y	CAP 0402 100NF 10% 16V X7R	
C150	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C148	065G040222031J	Y	CAP CHIP 0402 22P 50V NP0 +/-5%	
C211	065G040222131J	T	CAP CHIP 0402 220PF 50V NPO	
C611	065G040222232K	A	CAP 0402 2.2NF 10% 50V X7R	
C612	065G040222232K	A	CAP 0402 2.2NF 10% 50V X7R	
C421	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C422	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C6141	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C6144	065G040233031J	Y	CAP CHIP 0402 33P 50V NP0 +/-5%	
C6158	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C6157	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C6156	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C6131	065G040233131J	T	CAP CHIP 0402 330PF 50V J NPO	
C306	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C331	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C332	065G040247031J	A	CAP 0402 47PF 5% 50V NP0	
C198	065G040247131J	A	CAP CHIP 0402 470PF J 50V NPO	
C209	065G040247131J	A	CAP CHIP 0402 470PF J 50V NPO	
C213	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C186	065G040247312K	A	CAP 0402 47NF 10% 16V X7R	
C157	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C154	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C153	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C184	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C158	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C185	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C215	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C212	065G040247312K	T	CAP 0402 47NF 10% 16V X7R	
C120	065G040256031J	Y	CAP CHIP 0402 56PF 50V NP0 +/-5%	
C121	065G040256031J	Y	CAP CHIP 0402 56PF 50V NP0 +/-5%	
C102	065G060310131J	A	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	
C103	065G060310131J	A	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	
C133	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C132	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C106	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C100	065G060310332K	3	CAP CHIP 0603 10N 50V X7R +/-10%	
C128	065G060310332K	Y	CAP CHIP 0603 10N 50V X7R +/-10%	
C194	065G060310412K	Y	CAP CHIP 0603 100N 16V X7R +/-10%	
C220	065G060310412K	Y	CAP CHIP 0603 100N 16V X7R +/-10%	

C463	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C464	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C605	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C606	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C608	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C610	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C623	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C658	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C659	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C714	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C462	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C456	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C454	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C433	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C403	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C310	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C135	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C131	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C126	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C119	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C719	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C720	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C724	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C725	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C726	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C728	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C729	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C731	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C733	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C739	065G060310432K	A	CAP 0603 100NF 10% 50V X7R	
C618	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R	
C617	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R	
C609	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R	
C783	065G060310512K	T	CAP 0603 1UF 10% 16V X7R	
C622	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C621	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C619	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6165	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6160	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6153	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6152	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C614	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6134	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6130	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C613	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C655	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C650	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C630	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C629	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6139	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C424	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C112	065G060310522K	T	CAP CHIP 0603 1UF K 25V X7R	
C6126	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	
C6129	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	

C6154	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	
C6155	065G060310525K	3	MLCC CAP 0603 1UF 25V X5R +/-10%	
C459	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C746	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C461	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C604	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C625	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C624	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C423	065G060310605M	T	CAP 0603 10UF 20% 6.3V X5R	
C117	065G060322031J	Y	CAP CHIP 0603 22P 50V NP0 +/-5%	
C142	065G060322031J	Y	CAP CHIP 0603 22P 50V NP0 +/-5%	
C147	065G060322031J	Y	CAP CHIP 0603 22P 50V NP0 +/-5%	
C189	065G060322131J	Y	CAP CHIP 0603 220P 50V NP0 +/-5%	
C217	065G060322131J	Y	CAP CHIP 0603 220P 50V NP0 +/-5%	
C402	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C6120	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C6132	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C6135	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C6136	065G060322422K	T	CAP CHIP0603 220NF K 25V X7R	
C602	065G0603225A5K	T	CAP 0603 2.2UF 10% 10V X5R	
C603	065G0603225A5K	T	CAP 0603 2.2UF 10% 10V X5R	
C152	065G060347332K	Y	CAP CHIP 0603 47N 50V X7R +/-10%	
C156	065G060347332K	Y	CAP CHIP 0603 47N 50V X7R +/-10%	
C6140	065G060368232K	Y	CAP CHIP 0603 6N8 50V X7R +/-10%	
C6138	065G060368232K	Y	CAP CHIP 0603 6N8 50V X7R +/-10%	
C6137	065G080510522K	Y	CAP CHIP 0805 1U 25V X7R +/-10%	
C210	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C305	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C325	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C425	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C451	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C452	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C460	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C620	065G080510615K	T	CHIP 10UF 16V X5R 0805	
C742	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C744	065G0805106A5K	3	CHIP 10UF 10V X5R 10%	
C636	065G080547515K	3	MLCC 0805 4U7 16V X5R +/-10%	
C635	065G080547515K	T	CAP CHIP 0805 4.7UF K 16V X5R	
C113	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C114	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C179	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C182	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C192	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C193	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C200	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C203	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C204	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C205	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C225	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C226	065G0805475A2K	3	CAP 0805 4.7UF 10% 10V X7R	
C6142	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	
C6143	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	
C6149	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	
C6150	065G120668432K	Y	CAP CHIP 1206 680NF 50V X7R	

U402	070GHDCP500HDC	HDCP CODE	
FB151	071G 56A221 TA	IND FXD 0805 EMI 100MHZ 220R R	
FB402	071G 56G151 B	CHIP BEAD 150OHM	
FB403	071G 56G151 B	CHIP BEAD 150OHM	
FB408	071G 56G151 B	CHIP BEAD 150OHM	
FB407	071G 56G151 B	CHIP BEAD 150OHM	
FB406	071G 56G151 B	CHIP BEAD 150OHM	
FB405	071G 56G151 B	CHIP BEAD 150OHM	
FB608	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB606	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB605	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB302	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB305	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB416	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB417	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB421	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB604	071G 56G301 EA	CHIP BEAD 0805 300R 25% 4000MA	
FB703	071G 56K121 TA	CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB704	071G 56K121 TA	CHIP BEAD 120R/6000MA HCB2012KF-121T60	
FB602	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB603	071G 59A121 TA	CHIP BEAD 120R/3000MA HCB1608KF-121T30	
FB107	071G 59B121 J	CHIP BEAD 121 OHM	
FB105	071G 59B601 MA	CHIP BEAD	
FB106	071G 59B601 MA	CHIP BEAD	
FB103	071G 59C121 B	FCM1608C-121T03 SMD	
FB418	071G 59C121 B	FCM1608C-121T03 SMD	
FB419	071G 59C121 B	FCM1608C-121T03 SMD	
R154	071G 59C600	CHIP BEAD 60 OHM 0603 FCM1608CF-600T06	
R160	071G 59C600	CHIP BEAD 60 OHM 0603 FCM1608CF-600T06	
R163	071G 59C600	CHIP BEAD 60 OHM 0603 FCM1608CF-600T06	
FB306	071G 59S601 T	CHIP BEAD 600R/500MA MMZ1608S601CT	
FB307	071G 59S601 T	CHIP BEAD 600R/500MA MMZ1608S601CT	
L102	073G 63229 TA	CHIP INDUCROR 2.2UH 10% FCI1608F-2R2K	
L6101	073G253S 36 H HF	SMD CHOKE 22UH HF	
L6102	073G253S 36 H HF	SMD CHOKE 22UH HF	
L6103	073G253S 36 H HF	SMD CHOKE 22UH HF	
L6104	073G253S 36 H HF	SMD CHOKE 22UH HF	
L702	073G253S 68 H	SMD CHOKE 2.2UH 30% 2A	
L101	073T 6322910M	CHIP INDUCTOR 0603 2.2UH 10%	
L105	073T 6322910M	CHIP INDUCTOR 0603 2.2UH 10%	
CN301	088G 34021A VA	HDMI HEADER 21P H: 10.5MM	
CN301	088G 34021A VT	HDMI HEADER 21P + 2PCS SCREW HOLE	
D301	093G 60518SEM	DIODE BAT54C-HAF 300MA/30V SOT-23	
D403	093G 64 33	SWITCHING BAV99 0.2A 85V SOT-23	
ZD115	093G 39S 24 T	RLZ 5.6B LLDS	
ZD116	093G 39S 24 T	RLZ 5.6B LLDS	
ZD117	093G 39S 24 T	RLZ 5.6B LLDS	
ZD111	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD109	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD108	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD107	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
ZD101	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ	
CN404	311GW125A30ACH	WAFER 1.25MM 30P	
E715	715G4708M0C000004I	MAIN BOARD	2nd source

E715	715G4708M0C000004K	MAIN BOARD	
	IRPFBQA3	IR BOARD	
U201	056G 627911	IR 38KHZ KSM-603TM2M	
CN201	033G8032 4F HR	CONNECTOR 4P 1.25	
R201	061G0603153 JY	RST CHIPR 15KOHM 1/10W YAGEO	
C201	065G060310437Z Y	CAP CHIP 0603 100N 50V Y5V -20%+80%	
ZD201	093G 64 37 N	VPORT0603100KV05	
	715G4765R0D000004M	IR BOARD	
	KEPFBQA3	KEY BOARD	
CN001	033G8032 7F S HR	CONNECTOR 7P 1.25	
U002	056G 669 32	TOUCH KEY IT7235BFN-3104/AX(R) QFN24	
R025	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R011	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R010	061G0402000 JT	RST CHIPR MAX0R05 1/16W TZAI YUAN	
R012	061G0402101 JF	RST CHIPR 100 OHM +-5% 1/16W FENGHUA	
R019	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R015	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN	
R020	061G0402182 JT	RST CHIPR 1.8KOHM 5% 1/16W TZAIYUAN	
R017	061G0402182 JT	RST CHIPR 1.8KOHM 5% 1/16W TZAIYUAN	
R018	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R022	061G0402392 JT	RST CHIP R 3K9 +/-5% 1/16W TZAI YUAN	
R021	061G0402681 JT	RST CHIP 680R 1/16W 5% TZAI YUAN	
C004	065G040210131J Y	CAP CHIP 0402 100P 50V NP0 +/-5%	
C005	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C003	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C002	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
C001	065G040210427Z Y	CAP 0402 100NF -20%+80% 25V Y5V	
	715G4776K0D000004S	KEY BOARD	
	LEPFBQA2	LED BOARD	
CN331	033G8032 3F HR	CONNECTOR 3P 1.25	
R331	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R332	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
LED301	081G 15X01 GP	CHIP LED ORANGE/BLUE GPTD12048OBC1	
	715G4766T01000004S	LED BOARD	
	P15T0952101	MAIN_FRAME	
	P15T0953201	BRACKET_SIDE_IO_HIMAX	
	P15T0954201	PLATE_STAND	
	P15T8299 2	VEAS-BKT	
	P33T0192AMB 1C0100	LENS_POWER	
	P33T0193 ED 1C0100	LENS_IR	
	P34T0607ADTB1T0130	BEZEL	
	P34T0609ALZ 1T0130	REAR COVER	
	P34T0610AMA 2A0100	COVER IO	
	P34T0611 KG 1C0133	STAND	
	PLTVAC164XQAO	POWER BOARD	
	040G 45762412B	CBPC LABEL	
	009G6005 1	GROUND TERMINAL	
CN8502	033G3802 6B YH	CONN.6P 2.0 DIP	
CN901	033G8029 3A H	B2P3S-VH	
IC903	056G 139 3A	PC123Y22FZOF SHARP	
NR901	061G 58509MEW	NTCR 5R 5A SCK13055MMY506	
R928	061G153M15152T SY	RST MOF 150R 5% 3W	
C9901	063G107K474AUZ	CAP X2 470NF 10% 305V	
C907	065G 1K1021AT	CK45-R3AD102K-NR 1000PF / 1KV R-TYPE	

		P	
C9925	065G306K4712ZS	CAP Y1 470PF 10% 250V Y5P	
C9922	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C9923	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C9924	065G306M1022B3	Y1 CAP 1000PF M 250VAC TDK	
C904	067G 42Z47015L	EC 47UF 20% 450V 10*50	
C905	067G 42Z47015L	EC 47UF 20% 450V 10*50	
C9105	067G204S4704LV	CAP CS 47UF 20% 25V 8*7 2000 HR	
C9101	067G204V471 2K	CS CAP 470UF 10V 8*8 MM	
C8514	067G215C4706KV	EC 47UF 20% 35V EM 8*9	
C928	067G215C4706LV	EC 47UF 20% 35V RXY 8*9	
C9103	067G215C4713KV	LOW ESR EC 470UF 16V 8*9MM	
C8506	067G415Z121 9K	EC 120UF 20% 100V 8*35	
FB904	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
FB905	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
L9901	073G 174231 H	LINE FILTER 12MH MIN LCL-11816 HA	
L9902	073G 174231 H	LINE FILTER 12MH MIN LCL-11816 HA	
L8501	073G 253214 DN	CHOKER COIL 47UH 10% LZ.CC013.G01	
L902	073G 253219 DN	CHOKER COIL 3.4UH 10% LZ.CJ006.B00	
L901	073G 253219 DN	CHOKER COIL 3.4UH 10% LZ.CJ006.B00	
T9101	080GL19P 33 N	X'FMR 520UH 8% 20UH YUVA-1665	
BD901	093G 50460934	BRIDGE UR4KB80-02 X0 4A 800V D3K	
CN902	311GW250B13BBX	WAFER 2.5MM 13P	
	705TQA57080	Q9101 ASS'Y	
Q9101	057G 667 52	FET 2SK4100LS-T 7A/650V TO-220FI(LS)	
Q9101	057G 667931	MOSFET AOTF8N65 8A 650V TO-220FP	
	0M1G 930 8120	SCREW 3X8	
	Q90T0195 2	HEAT SINK	
	705TQA93112	D9101 ASS'Y	
D9101	093G 60931	DIODE MBRF1560CT ITO-220AB	
D9101	093G1506 2	FMW-2156	
	0M1G 930 8120	SCREW 3X8	
	Q90T0195 2	HEAT SINK	
	705TQA93113	D9105 ASS'Y	
D9105	093G 60239	FME-210B T0-220	
D9105	093G 60903	RECT MBRF10150CT C0 10A 150V ITO-220AB	
	0M1G 930 8120	SCREW 3X8	
	Q90T0195 2	HEAT SINK	
IC9101	056G 379190	AC/DC CONVERTER LD7750RGR SOP-7	
IC8501	056G 700 12	LED DRIVER OZ9998AGN-A1-0-TR SOP-24	
R965	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA	
R965	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN	
R8503	061G08051004FT	RST CHIP R 1 MOHM +-1% 1/8W	
R8522	061G0805101 JF	RST 0805 100R 5% 1/8W	
R8524	061G0805101 JF	RST 0805 100R 5% 1/8W	
R8522	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN	
R8524	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN	
R8526	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R8526	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R901	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R918	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
R915	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R8521	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	
R8528	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	

R915	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8528	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8521	061G0805103 JT	RST 0805 10K 5% 1/8W	
R8531	061G0805104 JF	RST CHIPR 100KOHM +-5% 1/8W FENGHUA	
R8531	061G0805104 JY	RST CHIPR 100KOHM 1/8W YAGEO	
R8513	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8514	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8516	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8517	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8518	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8519	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8520	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8533	061G0805109 JF	RST CHIPR 1 OHM +- 5% 1/8W FENGHUA	
R8533	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8520	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8519	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8518	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8517	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8516	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8514	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8513	061G0805109 JT	RST CHIP 1R 1/8W 5% TZAI YUAN	
R8527	061G0805164 JF	RST 0805 160K 5% 1/8W	
R8530	061G0805220 JT	RST CHIPR 220HM +-5% 1/8W TZAI YUAN	
R930	061G08052431FF	RST CHIPR 2.43KOHM +-1% 1/8W FENGHUA	
R930	061G08052431FY	RST CHIP 2K43 1/8W 1%	
R8535	061G0805304 JF	RST CHIPR 300KOHM +-5% 1/8W FENGHUA	
R8535	061G0805304 JT	RST CHIP 300K 1/8W 5% TZAI YUAN	
R922	061G0805332 JF	RST CHIPR 3.3KOHM +-5% 1/8W FENGHUA	
R922	061G0805332 JT	RST CHIP 3K3 1/8W 5% TZAI YUAN	
R927	061G08053901FF	RST CHIPR 3.9KOHM +-1% 1/8W FENGHUA	
R927	061G08053901FY	RST CHIP 3K9 1/8W 1%	
R926	061G08053902FT	RST CHIP 39K 1/8W 1%	
R914	061G0805470 JT	RST CHIPR 470HM +-5% 1/8W TZAI YUAN	
R8506	061G08055102FT	RST CHIP 51K 1/8W 1%	
JR901	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR902	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
JR904	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
R8534	061G1206000 JI	RST 1206 MAX0R05 5% 1/4W	
R8534	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR904	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR902	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
JR901	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN	
R8532	061G1206100 JF	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	
R8532	061G1206100 JT	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	
R906	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R907	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R909	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R910	061G1206104 JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA	
R906	061G1206104 JI	RST 1206 100K 5% 1/4W	
R907	061G1206104 JI	RST 1206 100K 5% 1/4W	
R909	061G1206104 JI	RST 1206 100K 5% 1/4W	
R910	061G1206104 JI	RST 1206 100K 5% 1/4W	
R919	061G1206104 JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN	
R912	061G1206129 JF	RST CHIPR 1.2 OHM +-5% 1/4W 1206	

R912	061G1206129 JI	RST CHIPR 1.2 OHM +-5% 1/4W 1206	
R902	061G1206221 JI	RST 1206 220R 5% 1/4W	
R903	061G1206221 JI	RST 1206 220R 5% 1/4W	
R904	061G1206221 JI	RST 1206 220R 5% 1/4W	
R905	061G1206221 JI	RST 1206 220R 5% 1/4W	
R902	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R903	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R904	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R905	061G1206221 JT	RST CHIPR 220 OHM +-5% 1/4W TZAI YUAN	
R8501	061G1206308 JF	RST CHIPR 0.3 OHM +-5% 1/4W FENGHUA	
R8502	061G1206308 JF	RST CHIPR 0.3 OHM +-5% 1/4W FENGHUA	
R8501	061G1206308 JI	RST CHIPR 0.3 OHM +-5% 1/4W 1206	
R8502	061G1206308 JI	RST CHIPR 0.3 OHM +-5% 1/4W 1206	
R8512	061G1206390 JT	RST 1206 39R 5% 1/4W	
R916	061G1206470 JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R917	061G1206470 JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA	
R916	061G1206470 JT	RST CHIPR 47 OHM +-5% 1/4W TZAI YUAN	
R917	061G1206470 JT	RST CHIPR 47 OHM +-5% 1/4W TZAI YUAN	
R921	061G1206471 JT	RST CHIPR 470 OHM +-5% 1/4W TZAI YUAN	
R925	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
R924	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
R923	061G1206624 JF	RST CHIPR 620KOHM +-5% 1/4W FENGHUA	
R925	061G1206624 JI	RST 1206 620K 5% 1/4W	
R924	061G1206624 JI	RST 1206 620K 5% 1/4W	
R923	061G1206624 JI	RST 1206 620K 5% 1/4W	
R913	061G1206682 JI	RST 6.8K OHM 5% 1/4W TA-I	
R911	061G1206682 JI	RST 6.8K OHM 5% 1/4W TA-I	
R908	061G1206682 JI	RST 6.8K OHM 5% 1/4W TA-I	
R913	061G1206682 JT	RST CHIPR 6.8 KOHM +-5% 1/4W TZAI YUAN	
R911	061G1206682 JT	RST CHIPR 6.8 KOHM +-5% 1/4W TZAI YUAN	
R908	061G1206682 JT	RST CHIPR 6.8 KOHM +-5% 1/4W TZAI YUAN	
C8502	065G080510131J F	CAP CHIP 0805 100PF J 50V NPO	
C921	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C8509	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C8515	065G080510432K 3	CAP CHIP 0805 100N 50V X7R +/-10%	
C9104	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9109	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C920	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C8505	065G080510535K T	CAP CHIP 0805 1UF K 50V X5R	
C8507	065G080510535K T	CAP CHIP 0805 1UF K 50V X5R	
C8504	065G080522232K Y	CAP CHIP 0805 2N2 50V X7R +/-10%	
C924	065G080522332K Y	CAP CHIP 0805 22N 50V X7R +/-10%	
C8512	065G080522512K M	CAP 0805 2.2UF 10% 16V X7R	
C8511	065G080522522K Y	CAP CHIP 0805 2U2 25V X7R +/-10%	
C923	065G080547132K Y	CAP CHIP 0805 470P 50V X7R +/-10%	
C918	065G080547232K F	CAP 0805 4.7NF 10% 50V X7R	
C926	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	
C8510	065G080547432K T	CAP CHIP 0805 0.47UF K 50V X7R	
C903	065G1206102B2K Y	MLCC 1206 1000PF 630V X7R +-10% YAGEO	
ZD8501	093G 60S509 T	SCHOTTKY BR310 T/R 3A 100V SMB	
ZD8501	093G 60S907 T	SCHOTTKY B3100B 3A 100V SMB	
CN901	006G 31500 GP	EYELET	
R9101	061G152M39852T	RST MOFR 0.39 OHM +-5% 2WS	
FB903	071G 55 29	FERRITE BEAD	

FB901	071G 55 29	FERRITE BEAD	
F901	084G 56 3 B	FUSE 3.15A 250V	
D901	093G 6026T52T	CTIFIER DIODE FR107	
D903	093G110050152T	DIODE PR1007 1A/1000V 500NS DO-41	
J914	095G 90 23	JUMPER WIRE	
J913	095G 90 23	JUMPER WIRE	
J901	095G 90 23	JUMPER WIRE	
J917	095G 90 23	JUMPER WIRE	
J903	095G 90 23	JUMPER WIRE	
J902	095G 90 23	JUMPER WIRE	
J905	095G 90 23	JUMPER WIRE	
J906	095G 90 23	JUMPER WIRE	
J907	095G 90 23	JUMPER WIRE	
J908	095G 90 23	JUMPER WIRE	
J909	095G 90 23	JUMPER WIRE	
J910	095G 90 23	JUMPER WIRE	
J911	095G 90 23	JUMPER WIRE	
J912	095G 90 23	JUMPER WIRE	
J904	095G 90 23	JUMPER WIRE	
J918	095G 90 23	JUMPER WIRE	
J919	095G 90 23	JUMPER WIRE	
J920	095G 90 23	JUMPER WIRE	
E715	715G4485P0A0010020	POWER BOARD	
C9108	067G215P2714KT	EC 270UF 20% 25V 10*9	
J915	095G 90 23	JUMPER WIRE	
ZD902	093G 3995752T	ZENER GDZJ24B 24V 0.5W DO-35	
ZD903	093G 3952552T	ZENER MTZJ T 6.2B	
D902	093G 6451652T	1N4148	
D904	093G 6451652T	1N4148	
ZD902	093G 3916952T	ZENER MTZJ T-72 24B 24V 0.5W DO-34	
FB902	071G 55 29	FERRITE BEAD	
F901	084G 56 3 C	FUSE 3.15A 250V MST 3.15A 250V	
ZD901	093G 3958352T	ZENER GDZJ13B BY PANJIT	
ZD901	093G 3919152T	MTZJ T-72 13B 500MW/13V DO-34	
J916	095G 90 23	JUMPER WIRE	
J922	095G 90 23	JUMPER WIRE	
NR901	006G 31 4	1.7MM RIVET	
FB906	071G 55 9 T	BEAD 3.5*0.8*6.0MM 110R 25% HF	
IC904	056G 158 12	SHUNT REGULATOR KIA431A-AT/P TO-92	
C9106	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	
C9102	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	
R8523	061G08056802FY	RST CHIP R 68K 1/8W 1%	
R8525	061G08051202FY	RST CHIP 12K 1/8W 1%	
R915	061G0805103 JI	RST 0805 10K 5% 1/8W	
D905	093G 60S934 T	DIODE SS0520 SOD-123	
D905	093G 60S914 T	DIODE RB751V-40 SOD-323	
C922	065G080547232K F	CAP 0805 4.7NF 10% 50V X7R	
R8536	061G1206390 JT	RST 1206 39R 5% 1/4W	
Q903	057G 417 4	PMBS3904/PHILIPS-SMT(04)	
C930	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R	
R932	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R933	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
Q8503	057G 600941	MOSFET AOD482 32A 100V TO-252	
C8516	065G080522232K Y	CAP CHIP 0805 2N2 50V X7R +/-10%	

Q8503	057G 763989	MOSFET PA110BD 15A 100V TO-252	
R929	061G1206511 JI	RST 510 OHM 5% 1/4W TA-I	
R929	061G1206511 JT	RST CHIPR 510OHM +-5% 1/4W TZAI YUAN	
R931	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA	
R931	061G0805102 JT	RST CHIPR 1K OHM +- 5% 1/8W TZAI YUAN	
Q902	057G 419913 T	TRANSISTOR 2SD1623S-TD-E PCP	
C8517	065G080533422K Y	CAP CHIP 0805 330N 25V X7R +/-10%	
C929	065G080510432K 3	CAP CHIP 0805 100N 50V X7R +/-10%	
C8518	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%	
	Q12G6082 1	FOOT PAD	
	Q44GK048101	CUSHION-T EPS	
	Q44GK048201	CUSHION-B EPS	
	Q52G1801 TV008	MYLAR	
SP01	078G050AX01 YA	SPEAKER 16 OHM 5W 100X21 210 210	
	756TQBCB AS001 00	MAIN BOARD-CBPFBA6SQ1	
U402	056G1133923	IC MX25L4005AM2C-12G SOP-8	
SMTF-U402	100TAHAE001ST1	MCU ASS'Y-056G1133923	
	Q52G1201 TV 4	TAPE_DOUBLE	
	Q52G1201 TV 6	TAPE_DOUBLE	
	Q12G7110 1	FOOT PAD	
	Q40G2011 24002	BKT IO LABEL	
	Q40G2011 24001	SIDE IO LABEL	
	Q40G2011 24100	BACK IO LABE	
ECN901	095G8021 3D 55	HARNESS 3P 120MM FQE103179I	
ECN901	095G8021 3X 55	HARNESS 3P 120MM LCDXXTF0938	2nd source
	Q44GK048615 1A	24"EPI CARTON LE24H138	
	050G 600 2	HANDLE1	
	050G 600 3	HANDLE2	
	052G 1185	MIDDLE TAPE (Y1200141)	
	052G 1185 1	BIG TAPE(Y1200141)	
	Q45G 77511	PE PACKING(BLACK)	
	Q50G 4 10	TIE (Y1900221)	
	040G 58162435A	P/N LABEL FOR MANUAL PE BAG	
	040G 581689 4A	BARCODE LABEL FOR 1	
	Q40G 240615 8A	RATING LABEL FOR SA	
	Q40G000267351A	SA SERVICE LABEL	
	Q40G000461514A	LABEL POP FOR LE22H138&LE24H138 SA	
	Q41G780061532E	CARD SA CENTER LIST	
	Q41G78DV615 1A	WARRANTY CARD	
	Q45G2010M0101A	PE BAG FOR MANUAL	
	Q41G24MV615 5A	LE22H18/LE24H138 MANUAL	
	Q41G78SV61523A	LE22H138/LE24H138 QSG	
	089G204A15N IS	AC POWER CORD 1500MM	
	052G 2191 A	PAPER TAPE	
	052G 1186	SMALL TAPE	
	Q52G 1150523	TAPE_INSULATING	
	705TQ949001	COMSUPTIVE ASS'Y-A4	
	0M1G1730 8120	SCREW 3X8	
	0M1G 930 8 47 CR3	SCREW	
	0M1G1830 6120	BASE/SLIVER SCREW	
	0M1G 940 8 47 CR3	SCREW 4X8	
	0Q1G 930 6120	SCREW 3X6	
	0Q1G 930 10 47 CR3	SCREW	
	0Q1G 930 8 47 CR3	SCREW	

	0Q1G 930 20 47 CR3	SCREW	
	0Q1G 930 26 47 CR3	SCREW	
	036T 600 18109	NONWOVEN FABRTC	
	Q36T 600 35 2 GP	NONWOVEN FABRIC	
	Q45G9901 TV008	P.E. BAG 680 540 0.02+0.3 0.02	
	Q45G 99626 36 BC	PE BAG	