

Service
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Service Manual

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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

1. General Specification

Model	LE58D3140	
Panel size	1460 mm diagonal (58" viewable)	
Resolution	1920 × 1080	
TV System	DTV System(ISDB-T) ATV System(NTSC-M/PAL-M/PAL-N)	
Speaker	8 W × 2	
Antenna impedance	75Ω	
Input Voltage	110-240V AC, 50/60Hz	
Power consumption	< 180W	
Standby power consumption	< 1W	
Video Input	AV share with Component "Y"	
Video/Audio Input	VIDEO: 1 V(p-p), 75 ohm, negative sync. AUDIO: 500mv (rms)	
Headphone Output	Component x 1 Mini-jack for stereo	
Component/Audio Terminal	Component : Pr: ±0.35V(p-p), 75 ohm Pb: ±0.35V(p-p), 75 ohm Y: 1V(p-p), 75 ohm, including sync.	
HDMI Terminals	HDMI INPUT: Side HDMI × 2 HDCP compliant E-EDID compliant ARC compliant (HDMI1)	
VGA Terminals	VGA INPUT: VGA (D-SUB 15 Pin) Input × 1 E-EDID compliant Audio Input: Mini-jack for stereo (3.5Ø)	
Size (W x H x D) (with base and stand) (mm)	1301 × 817 × 272	
Size (W x H x D) (without base and stand) (mm)	1301 × 768 × 112	
Weight	21.7 Kg (with stand and base) 21.2 Kg (without stand and base)	
Wall mount size	200 × 200mm (Wall mount kit is not included)	
Wall-Mount accessory	Optional accessory and not included in standard package	
Operating conditions	Temperature Humidity Altitude	0°C to +40°C 10%~85% To 3,000m
Storage conditions	Temperature Humidity Altitude	-10°C to +50°C 5%~85% To 5,000m

Note:

- 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



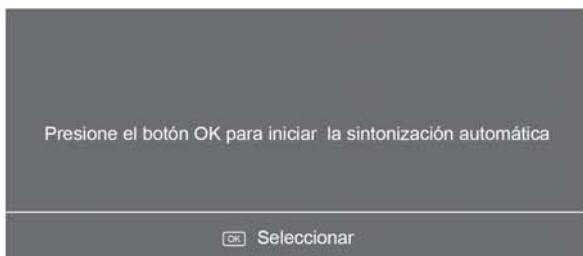
Button	Description
POWER	Turns the television On or Off. Note: the TV is never completely turned off unless the power cable has been unplugged.
CH LIST	Press to see the channel list.
INPUT	Change the information source.
0~9	To select a TV channel.
COLOR KEYS	For use when TV is in MMP mode.
3D	The function is not available for this model.
MENU	Press to enter or exit the menu.
INFO	To display time and information on the selected channel. With non-TV sources, this will display information about the current input.
USB	Multimedia function.
EXIT/LIVE	Press to exit the screen menu.
BACK	Shift back to previous list of options.
NAVIGATION RING	Allows navigation between the menus and to select options, by clicking the OK button (in the middle).
VOL + / -	Press to adjust the volume.
CH + / -	To change the TV channel Up or Down.
MUTE	Press to mute the sound.
DVR KEYS	To access functions from the media center.
EPG	Press to see information about DTV channels programming.
SLEEP	To set the time for the TV to automatically turn off. Pressing the key successively will select Off, 10, 20, 30, 60, 90, 120, 150 and 180 minutes.
FREEZE	To freeze the picture on the screen. Note: Only support image resolution that is below 720P.
ADJ	Adjust the view aspect.

2.2 To Use the Menus

FIRST ADJUSTMENTS

INITIAL SETUP

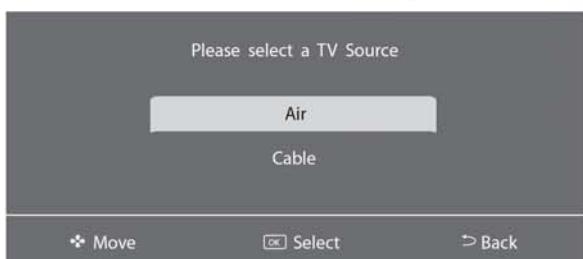
This is the first screen displayed after turning on the device. It allows the user to start the channel installation before accessing other TV functions. The user can choose the correct TV signal source: Air or Cable. You can also exit by pressing the EXIT key to quit the installation.



Welcome to the initial setup



Select language



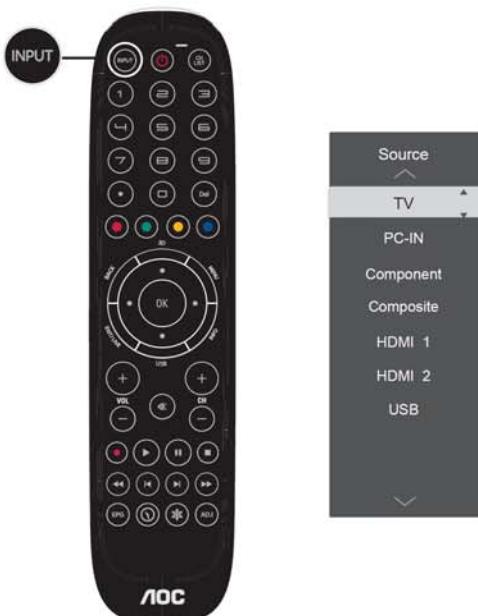
Select tuner mode



Channel tuning

Switching Input Source

On AOC TV, you can choose signal source on the remote control , using "INPUT" key to choose signal source.



1		Press INPUT key and its menu display.
2		Press navigation ring to select input sources of TV、PC-IN、Component、Composite、HDMI 1、HDMI 2、USB.
3		Press OK to enter.

Main Menu

To access the TV menus, press the MENU key. This screen allows the user to choose between: Picture, Sound, TV, Setting and Parental menus.



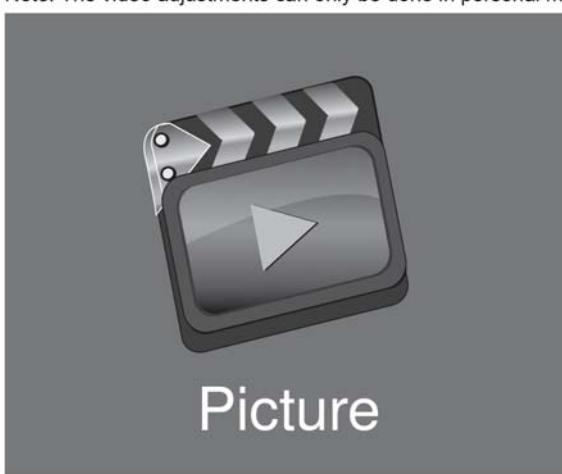
PICTURE MENU

Provides several sub-menus for video adjustment.

Press MENU and select the menu <Picture>. Press the middle button (OK) to access the sub-menus.

To cycle through these sub-menus vertically, use the Up and Down browsing keys.

Note: The video adjustments can only be done in personal mode.



AV Mode	Select the desired AV mode.
Contrast	Adjusts the contrast of the video. The contrast adjustment range is from 0 ~ 100.
Brightness	Adjusts the brightness of the video. The brightness adjustment range is from 0 ~ 100.
Saturation	Adjusts the color saturation of the video. The adjustment range is from 0 ~ 100.
Hue	Adjusts the tint level of the video. The color adjustment range is from -50 ~ 50.
Sharpness	Adjusts the video sharpness. The sharpness adjustment range is from 0 ~ 100.
Backlight	Adjusts the video backlight intensity. The adjustment range is from 0 ~ 100.
Adaptive Backlight	Press to turn on and off the adaptive backlight.
Color Temperature	There are four user selectable options for color temperature – Cool, Normal, Warm and User.
Noise Reduction	There are four user selectable options for noise reduction – Off, Low, Medium and Strong.
PC	Adjust the PC settings. This is only available in PC mode.

SOUND MENU

Press MENU and select the menu <Sound> with the Right browsing key. Press OK to access the sub-menus.



Sound Mode	There are five user selectable options for sound mode – Personal, Standard, Music, Theatre and Rock.
EQ	Relatively simple filters to make bass and treble adjustments.
Balance	Switch the TV to the best surround sound mode. The balance adjustment range is from - 50 ~0 and 0 ~50.
Headphone Volume	Adjusts the volume of headphone. The adjustment range is from 0 ~ 100.
Auto Volume Control	Allow the automatic leveling to reduce sudden volume changes when switching channels.
DSS	Enable the digital surround sound to enhance your audio experience.
Audio Delay	An audio effect which records an input signal to an audio storage medium, and then plays it back after a period of time.

TV MENU

Press MENU and select the menu <TV> with the Right browsing key. Press OK to access the sub-menus.



Tuner Mode	Select the signal source: Cable or Air.
Auto CH Search	Press to begin new channel scan.
DTV Manual Tuning	Press to tune the TV manually.
Fine-Tune	Press to fine tune the TV.
CH Skip	Select the channel that you want to exclude during the program search. An "forbid" icon will be displayed on the CH list to indicate the skipped channel. The skipped channel can only be selected through the CH list.
MTS	Select the audio mode from Stereo, SAP or Mono. For use of Analog TV only.

SETTING MENU

Press MENU and select the menu <Setting> with the Right browsing key. Press the middle button (OK) to access the sub-menus.

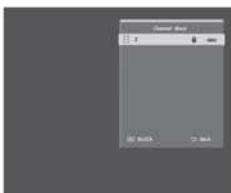


OSD Language	Select the desired menu language.
Time Zone	Select the time zone of your country. The range is from -2 ~ 2.
HDMI Mode	Select the HDMI mode from Auto, Graphic or Video.
Caption Setup	Press to access the menu <Caption Setup>. This phase allows user to choose between: Caption, Digital Closed Caption and Analog Closed Caption. Caption Select on or off. Digital Closed Caption Set the closed caption.mode from Language 1~8. Analog Closed Caption Set the closed caption mode from CC1~4 or from Text 1~4.
Blue Mute	Turn the screen to blue and mute the sound when no signal is received.
OSD Display Timeout	Set the timer for OSD on-screen duration.
Auto Sleep	Activate the standby mode by turning it on.
Audio Only	Select this function to turn off the panel screen and keep only the sound on.
Sleep Timer	To shut down the TV power after a preset amount of time.
SW Version	Display the software version of the TV.
Restore Factory Default	Reset to default settings. All the settings will be erased, including the channel list.

PARENTAL MENU

This menu allows parents to restrict the programs according to age rating.

Press MENU and select the menu <Parental> with the Right browsing key. Press the middle button (OK) to access the sub-menus.



Parental Control	An access password is required to access the following functions (refer to the image at the side. Factory default password: 0000). Note: If the input password is wrong, a message will appear.
Change Password	Change the parental control password.
Channel Block	Select the channel that you want to block. An "lock" icon will be displayed to indicate the blocked channel.
Digital Rating	Enable the digital rating. Set the age or content ratings. This is only available for digital TV channels.

USB MENU

In USB mode, it is possible to input pictures, music, video and through the USB port from flash drives or external hard drives. This turns the TV into an MP3 player, picture viewer or video player, without the need for peripherals such as cameras, DVD players, etc.

Press USB to access the USB center, and select the function with the browsing key. Press the middle button (OK) to enter the media function.



2.3 How to Connect

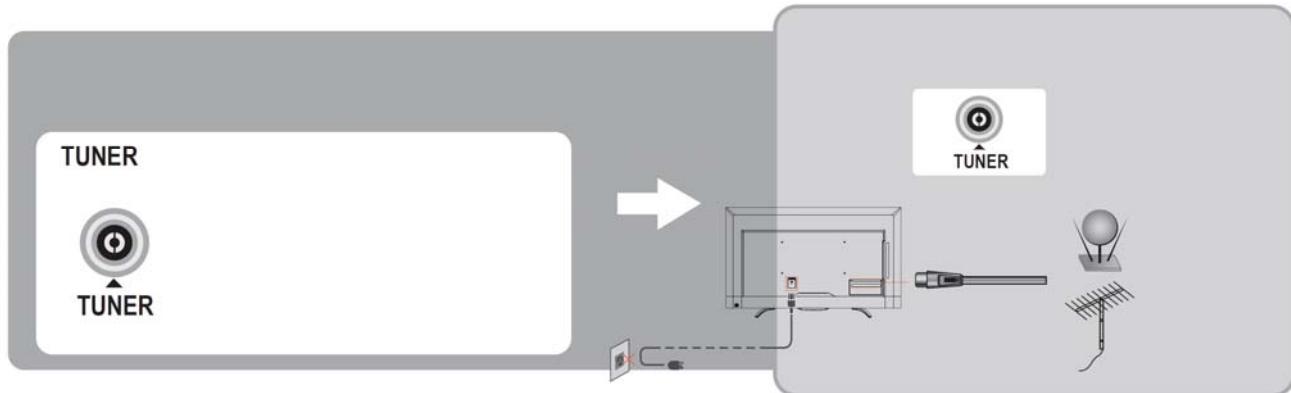
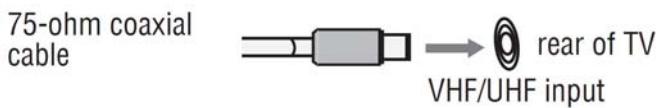
Cable System or VHF/UHF Antenna System

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

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.

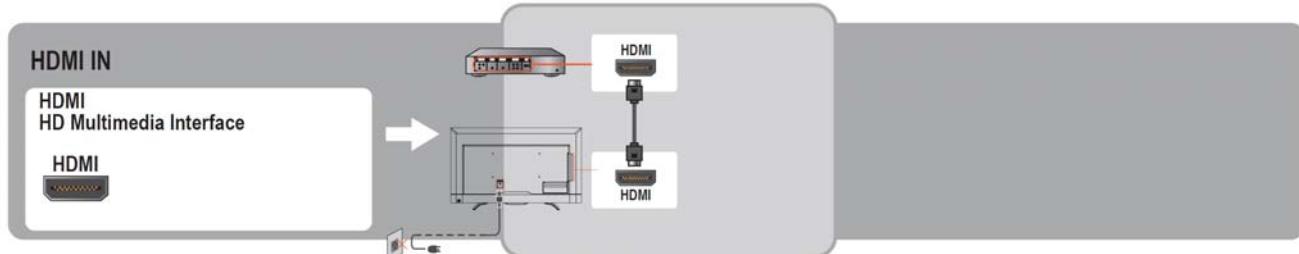
Cable or VHF/UHF(or VHF only)



High Definition Interface

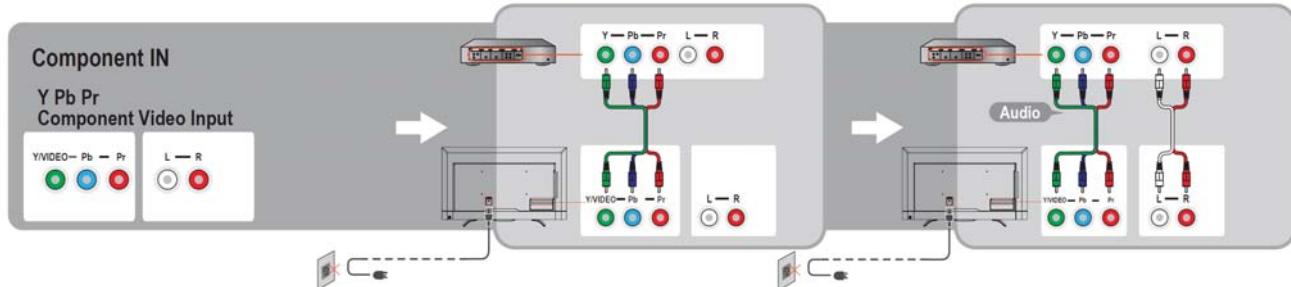
You can enjoy high-definition programming by subscribing to a high-definition cable service or a high-definition satellite service. For the best possible picture, make sure you connect this equipment to your TV via the HDMI or component video (with audio) input on the back of your TV.

HDMI Connection

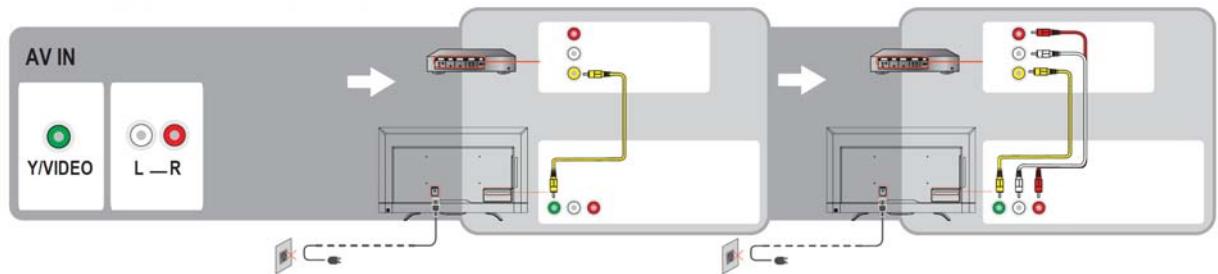


If the equipment has a DVI jack and not an HDMI jack, connect the DVI jack to the HDMI IN (with DVI-to-HDMI cable or adapter) jack and connect the audio jack to the PC AUDIO IN jacks.

Component Signal Connection

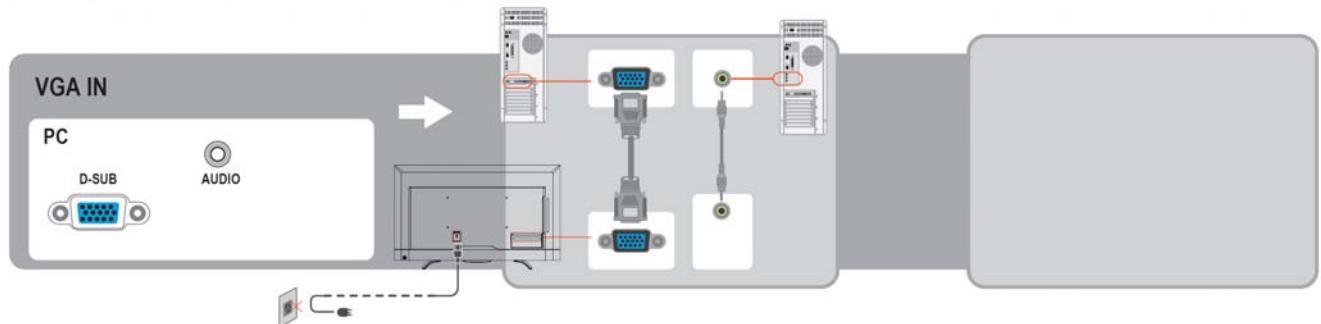


Composite Signal Connection



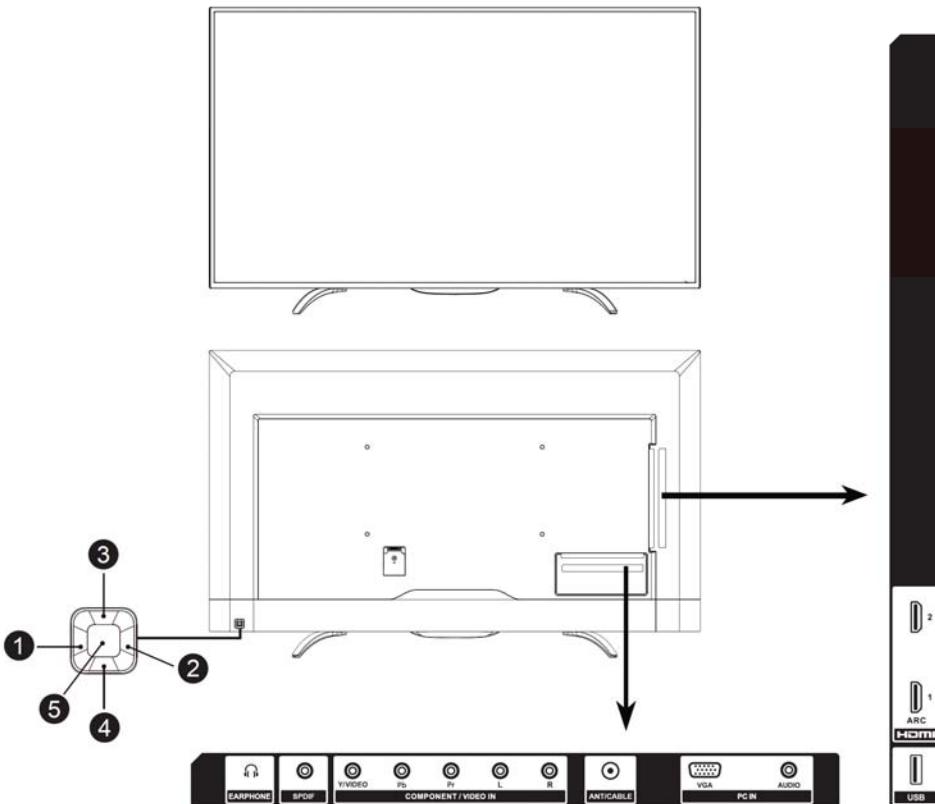
PC Connection

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 60 seconds, the TV enters the standby mode automatically.

2.4 Front Panel Control Knobs



Item	Description
HDMI	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. DVI-to-HDMI cable DVI-to-HDMI adapter Be sure to use only an HDMI cable that bears the HDMI logo.
PC IN (VGA)	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 / VIDEO IN	Connects to the COMPOSITE VIDEO output jack from your video equipment that has COMPOSITE VIDEO, and audio (L/R) jacks can connect audio in source to your TV. Connects to your TV's component video (YPbPr) and audio in jacks. Component video provides better picture quality than the composite video connections.
ANT/CABLE IN	RF (Radio Frequency or modulated signal design used as the carrier for television broadcasts.) input that connects to your Cable or VHF/UHF antenna.
EARPHONE	Connects to your headphones. If your headphones do not match the jack, use a suitable plug adapter (not supplied).
USB/Service	Insert USB storage device to the USB 2.0 port to view photos, videos, and listen to music. / For future software upgrades.
SPDIF	Digital audio output. Connects to home theater that have digital audio input with a coaxial audio cable.

Joystick

Number	Item	Description
1 / 2	Volume up / Volume down	Press these two buttons to turn up or down the volume. In OSD menu, these two buttons are used to move between right / left options.
3 / 4	Next channel / Previous channel	Press these two buttons to select next or previous channel. In OSD menu, these two buttons are used to move between up / down options.
5	Power / Menu	When TV is in standby(Off), press to turn on the TV. When TV power is On, this button is used to open OSD main menu. When OSD sub-menu is opened, press this button to return to the OSD main menu.

3. Input / Output Specification

PC Input Signal Reference Chart

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

Default computer mode		
Standard	Resolution	Vertical Frequency(Hz)
VGA	640 x 480	60
VGA	720 x 400	70
SVGA	800 x 600	60
XGA	1024 x 768	60
SXGA	1280 x 1024	60
WXGA	1360 x 768	60
FHD	1920 x 1080	60

DVI/ PC HDMI Input Signal Reference Chart

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

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

Default computer Mode		
Standard	Resolution	Vertical Frequency(Hz)
VGA	640 x 480	60
VGA	720 x 400	70
SVGA	800 x 600	60
XGA	1024 x 768	60
SXGA	1280 x 1024	60
WXGA	1360 x 768	60
FHD	1920 x 1080	60

Video Input Signal Reference Chart

1. Connect the component signal or HDMI port of video device to your TV set and set up the output signal of the video device in accordance with table below.

2. If your computer display card supports signals of video format then you can set up following output signal.

Default Component or HDMI Mode		
Standard	Resolution	Vertical Frequency (Hz)
SD	720 x 480i	60
SD	720 x 480p	60
SD	720 x 576i	50
SD	720 x 576p	50
HD	1280 x 720p	50
HD	1280 x 720p	60
HD	1920 x 1080i	50
HD	1920 x 1080i	60
FHD	1920 x 1080p	50
FHD	1920 x 1080p	60

Video systems supported by the TV,video modes

NTSC M,PAL M,PAL N.

Standard Definition Interface

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

4. Mechanical Instructions

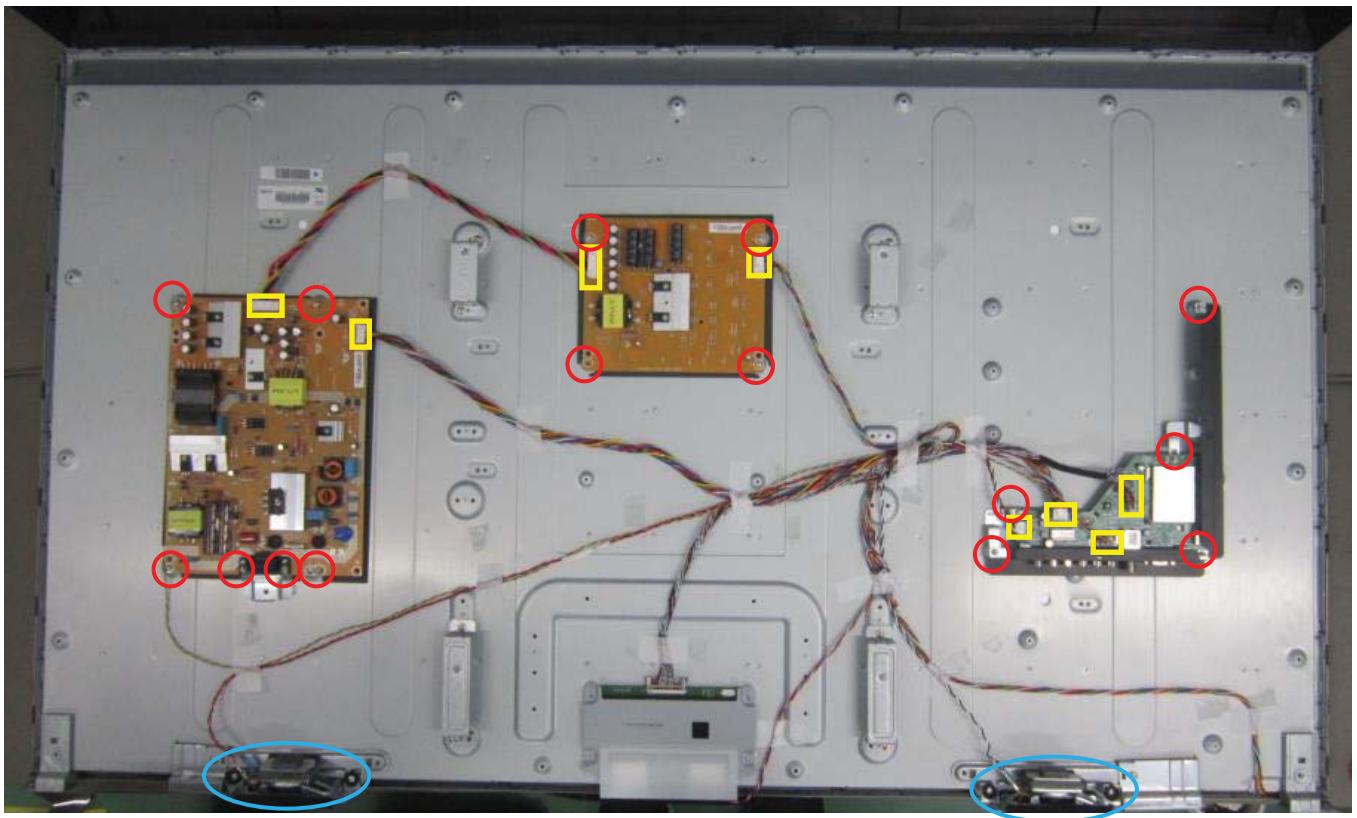
1. Remove the screws to remove Stand



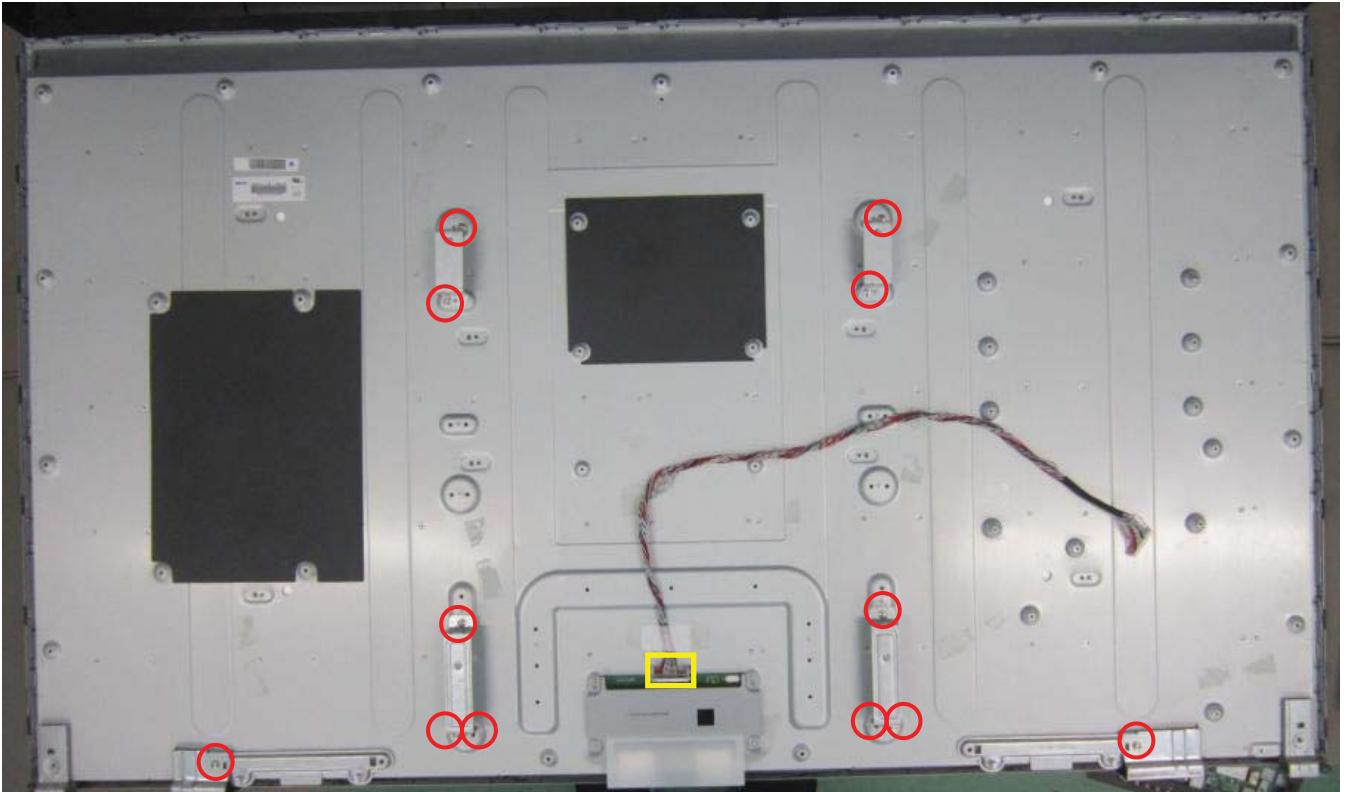
2. Remove the screws to remove REAR COVER.



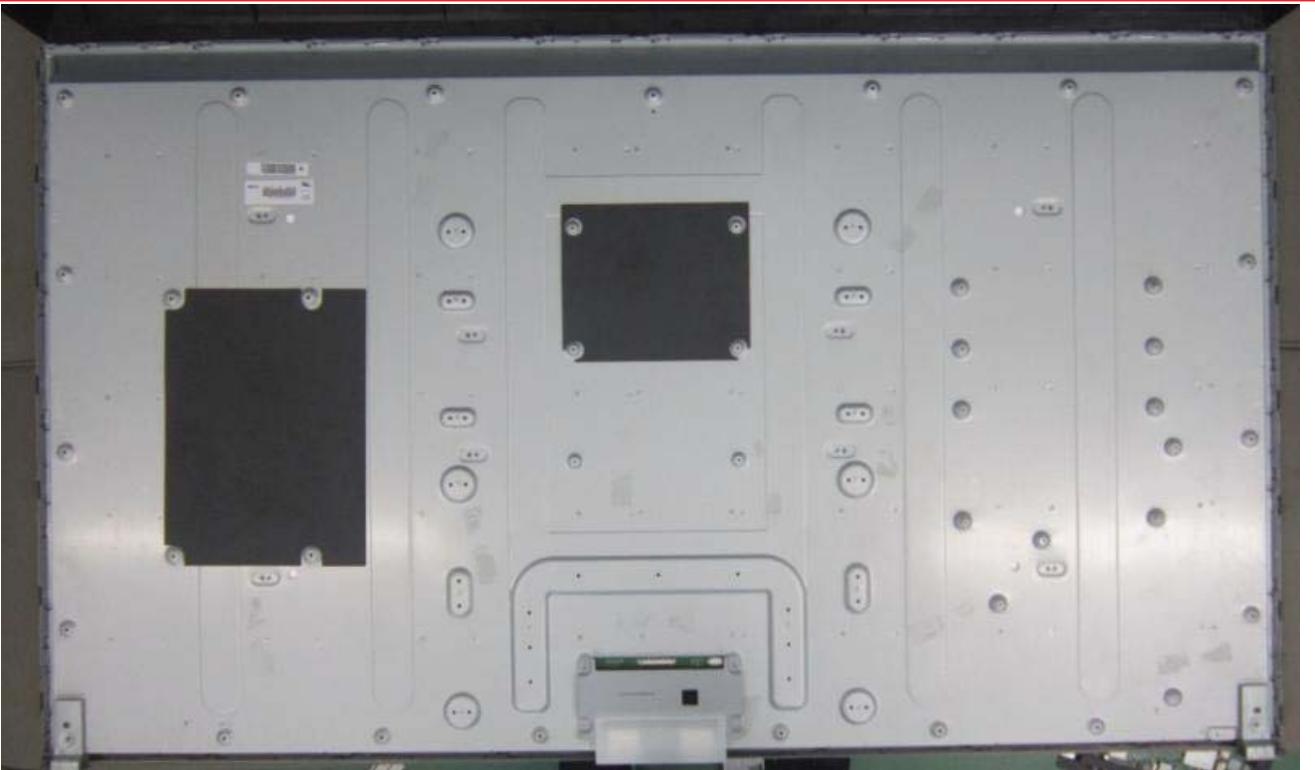
3. Disconnect the PINS marked in yellow. Remove the screws marked in red to remove MAIN BOARD,POWER BOARD,CONVERTER BOARD, BKT_IO,SPEAKER.



4. Remove the screws to remove BKT_SPEAKER, BKT_TOP, BKT_BTM , BKT_HINGE.

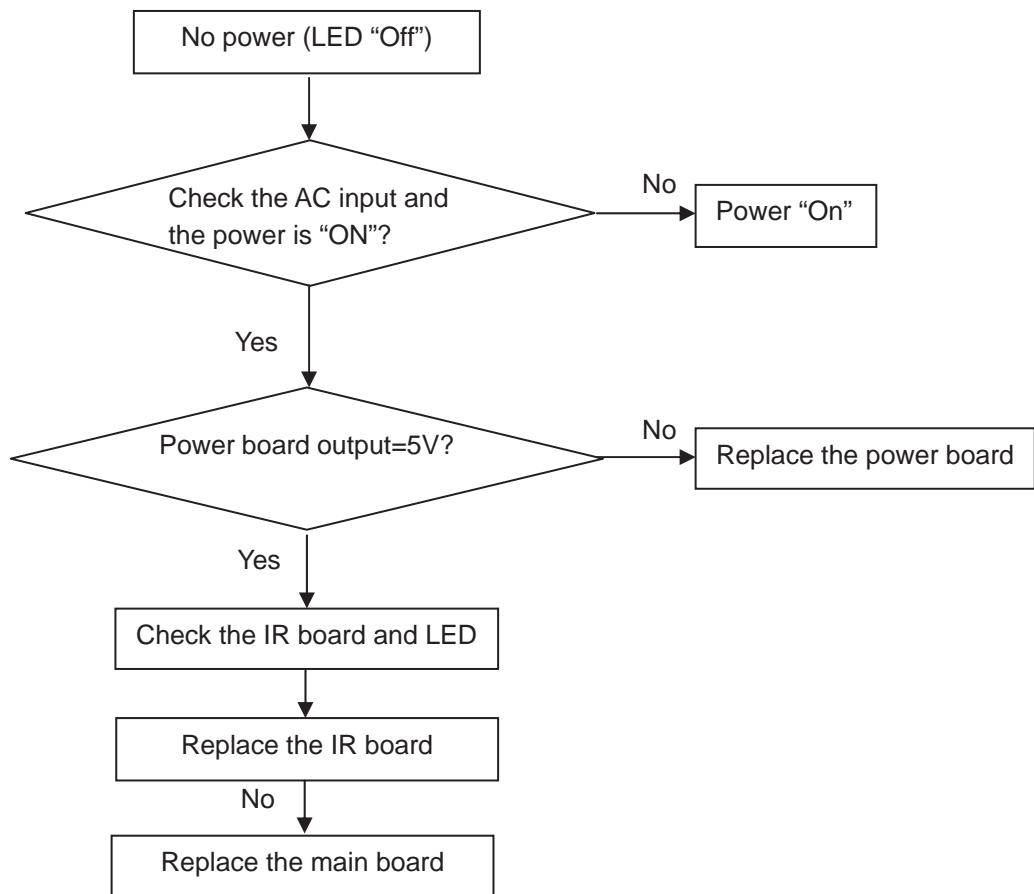


5. Remove the screws to remove BKT_CHASSIS, BEZEL.

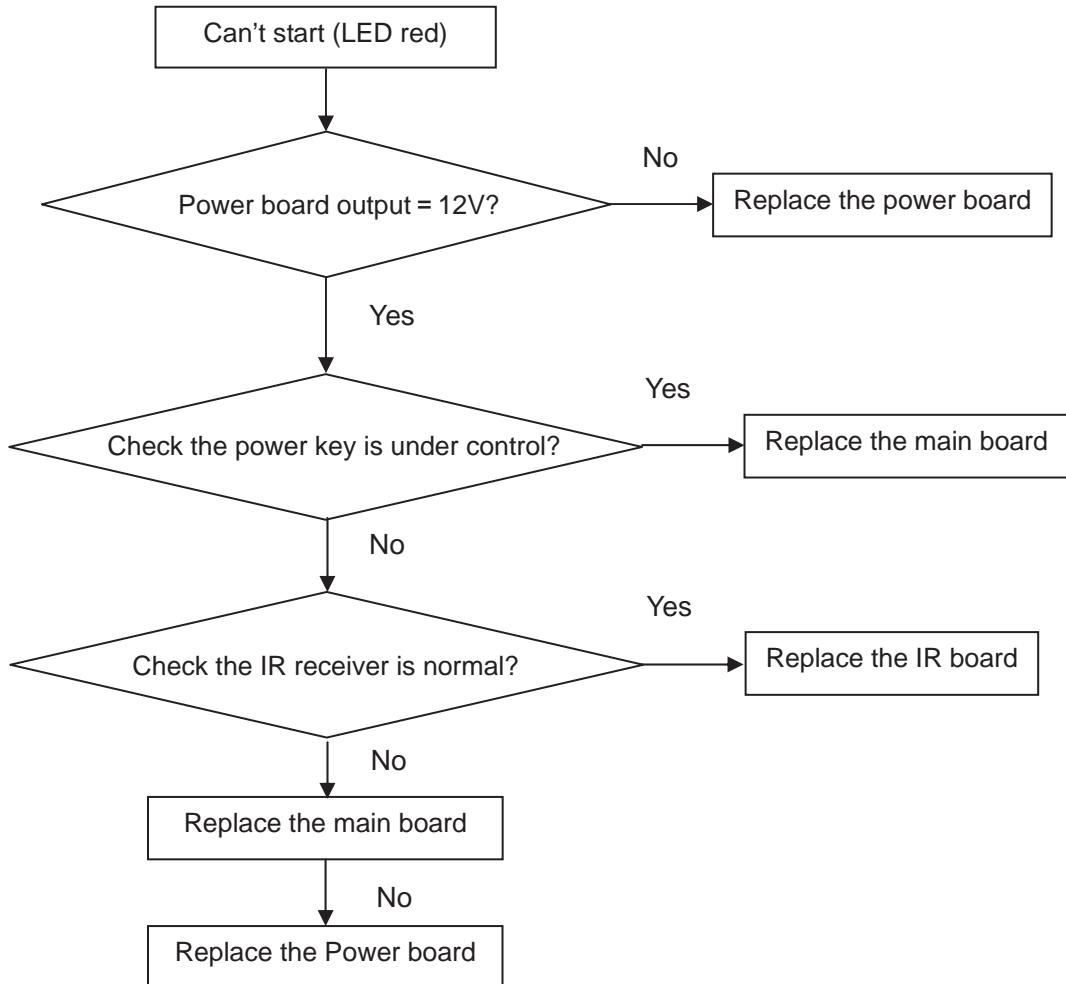


5. Repair Flow Chart

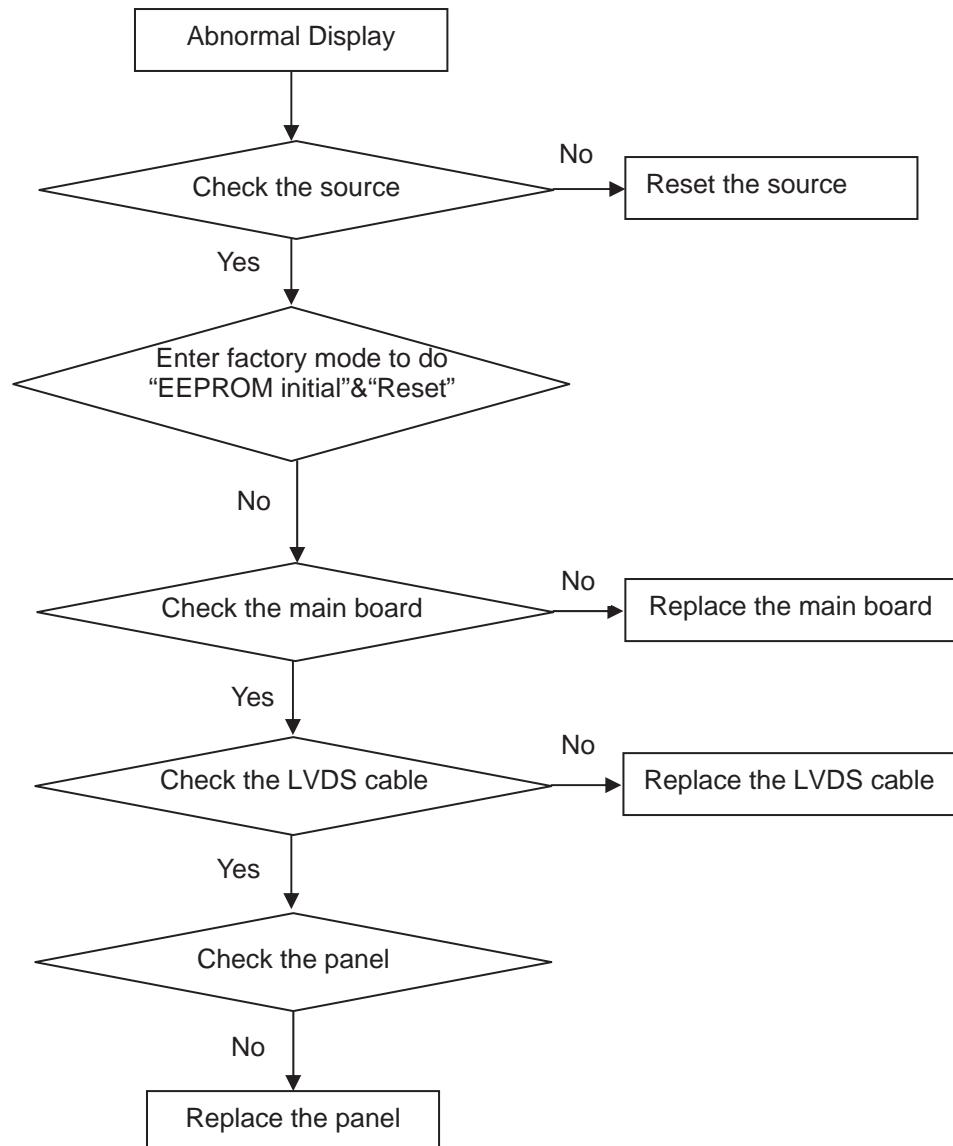
1. No power



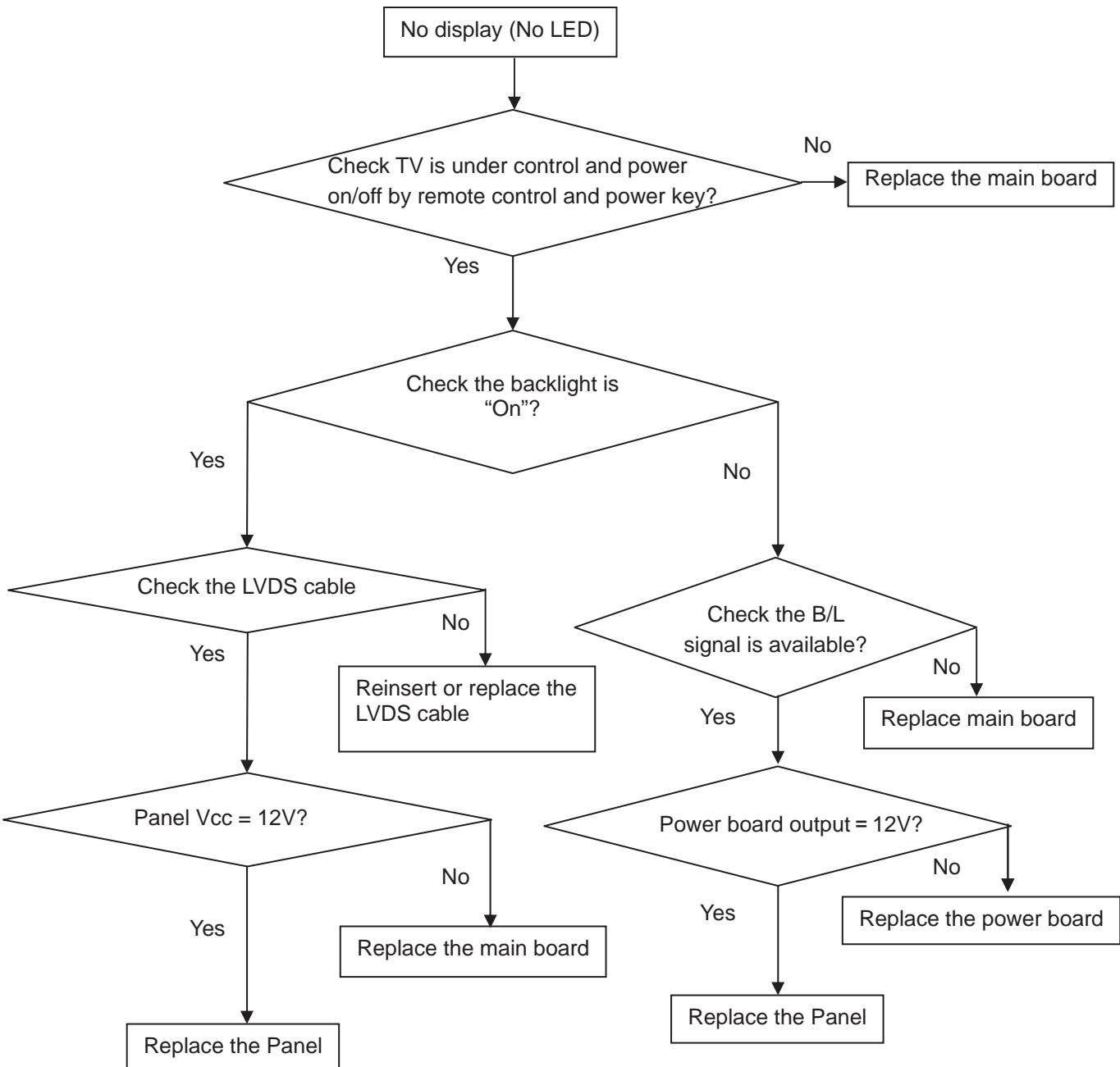
2. Can't start



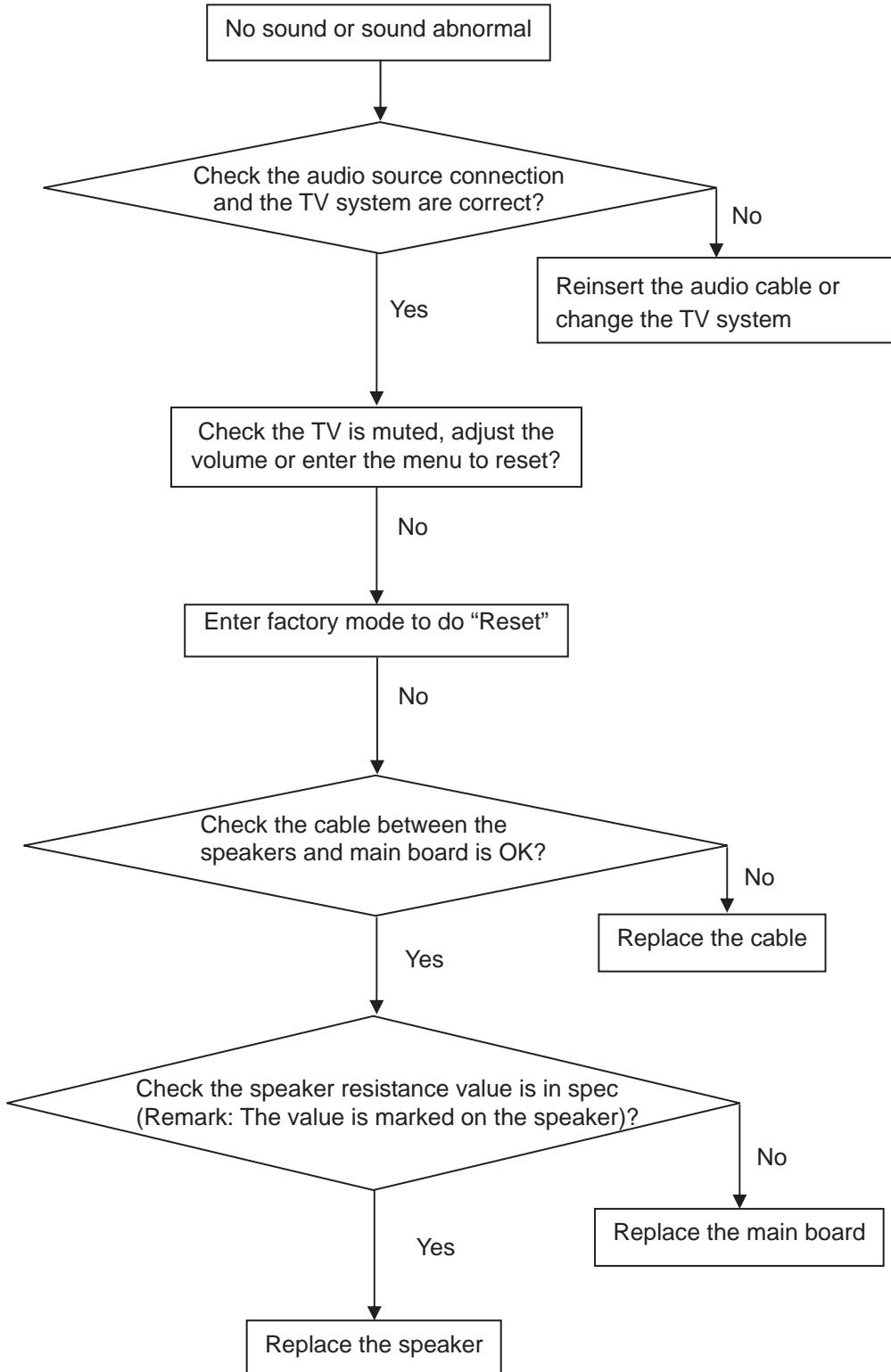
3. Abnormal display



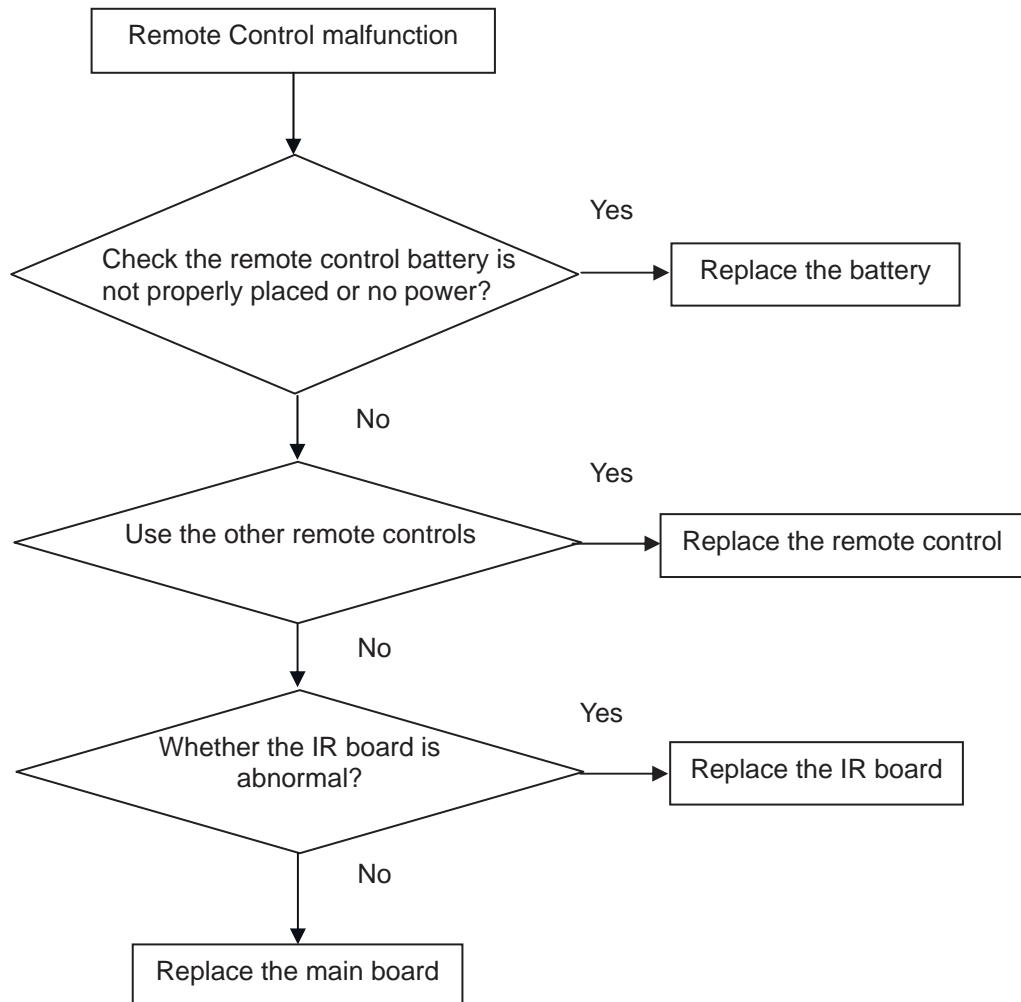
4. No display



5. Sound problem



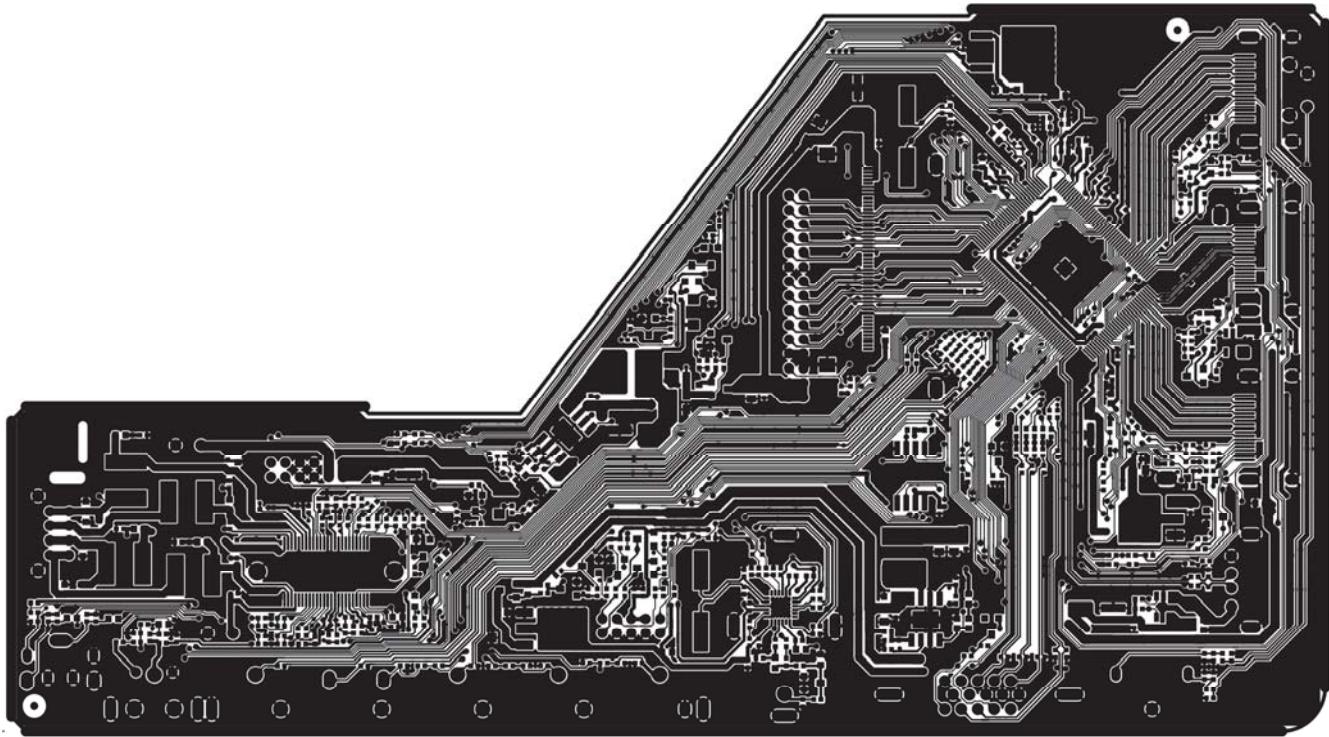
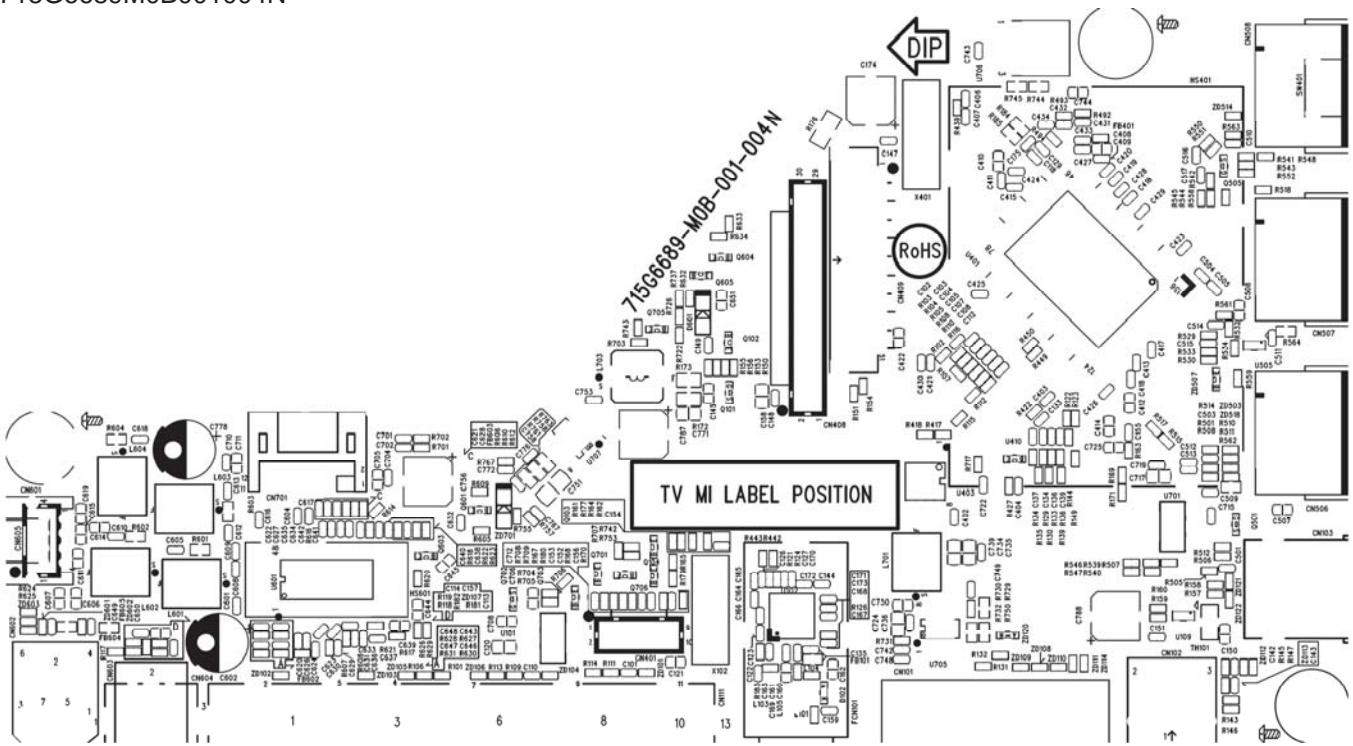
6. Remote control malfunction

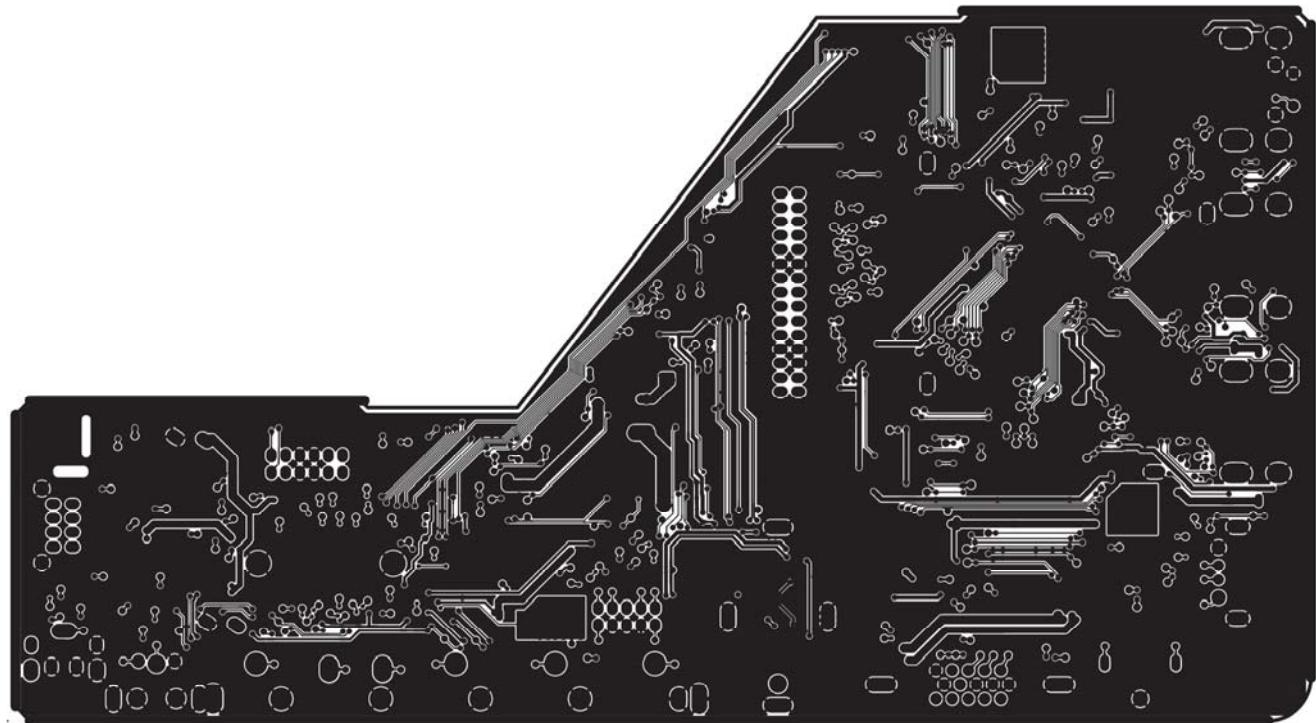


6. PCB Layout

6.1 Main Board

715G6689M0B001004N

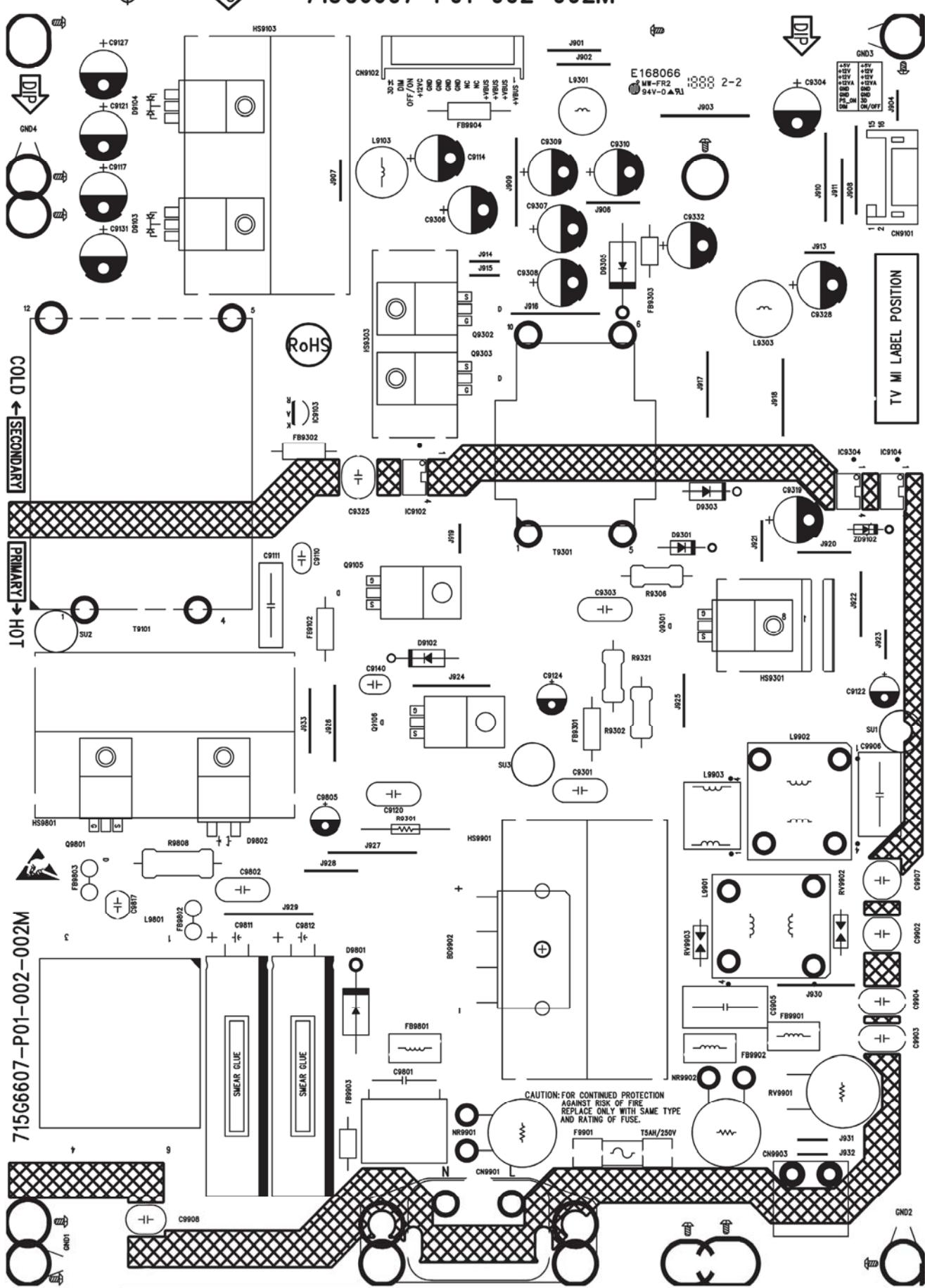




6.2 Power Board

715G6607P01002002M

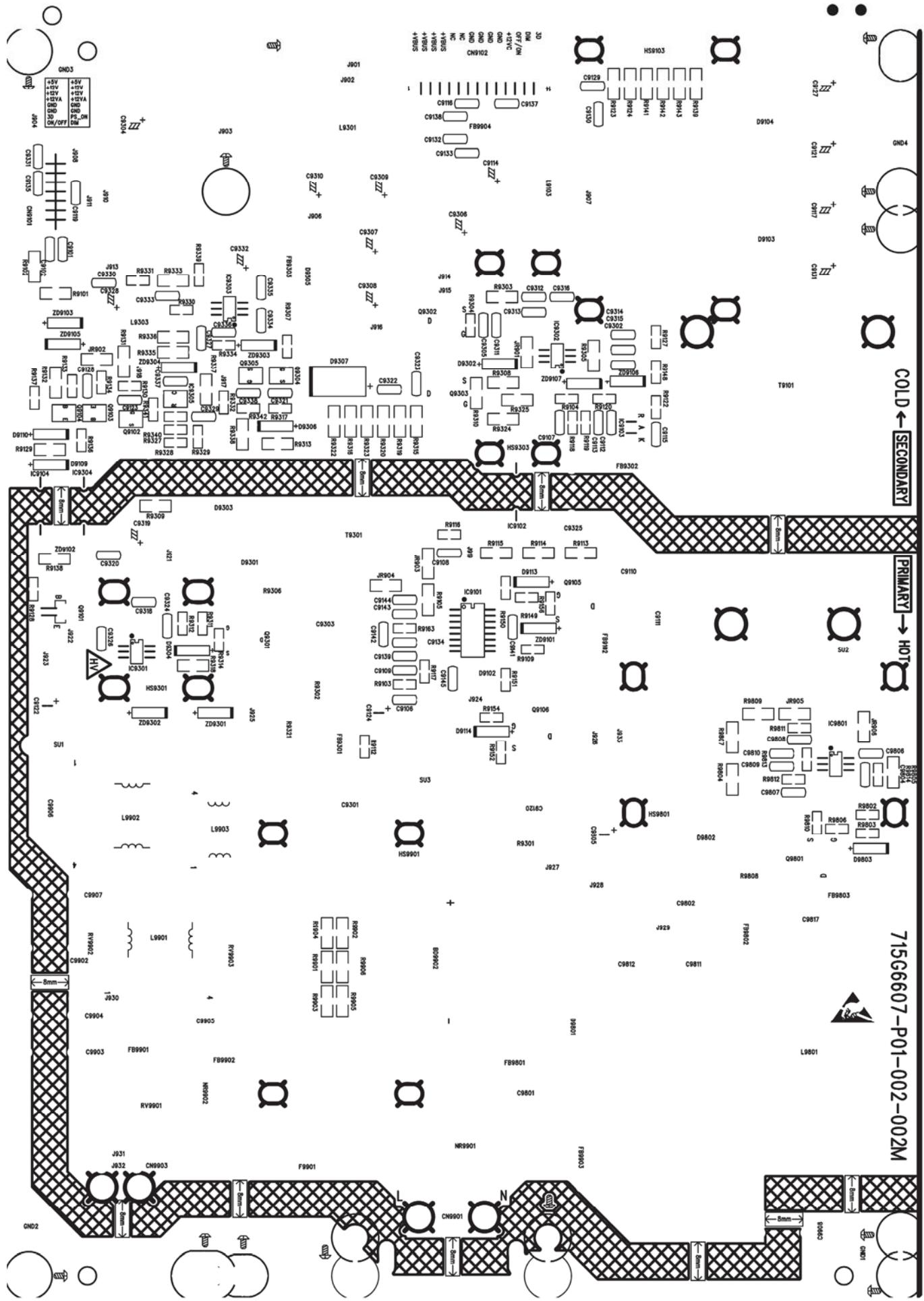
715G6607-P01-002-002M

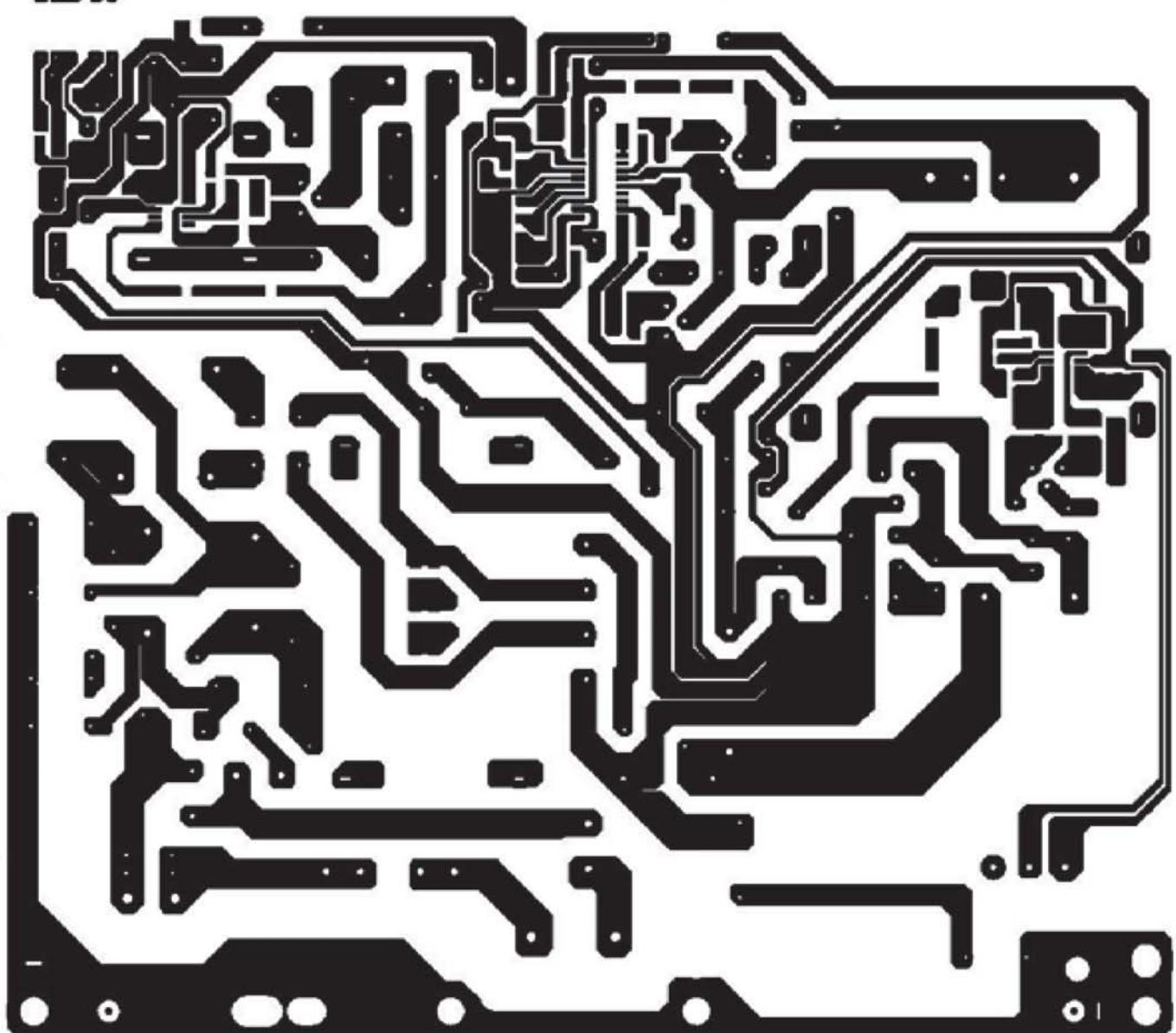
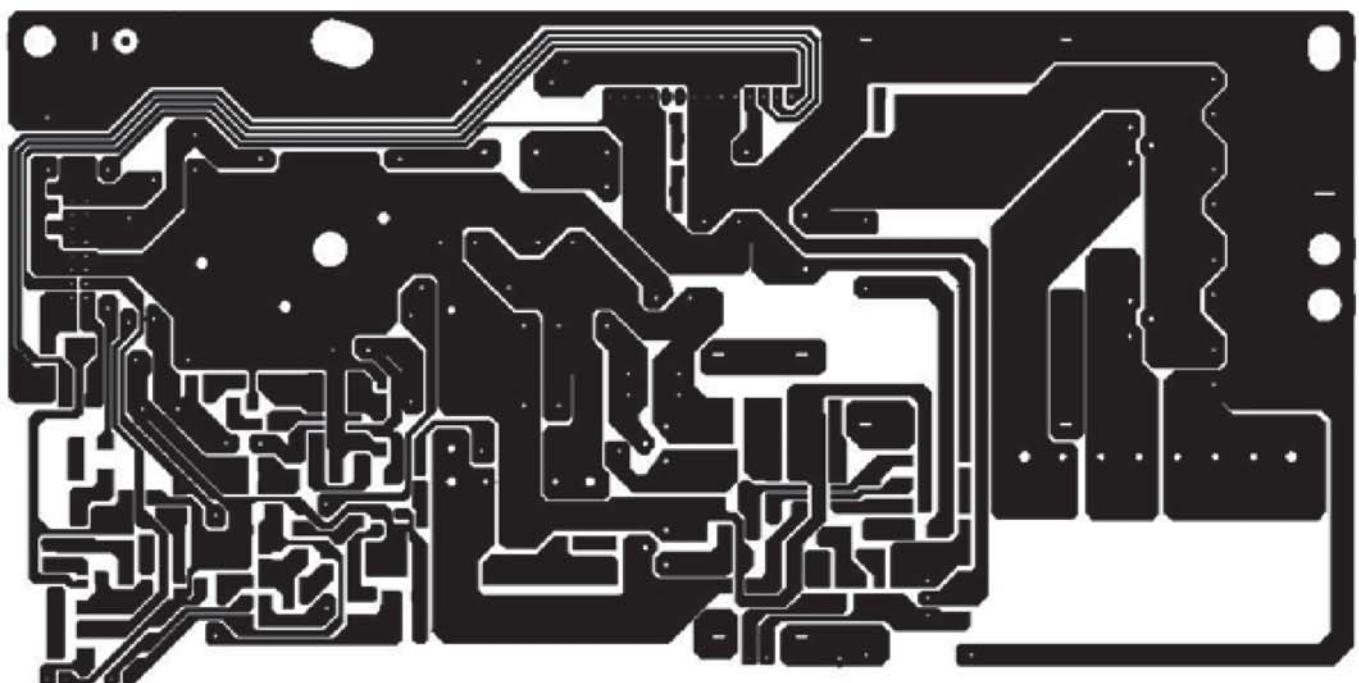


715G6607-P01-002-002M

PRIMAR

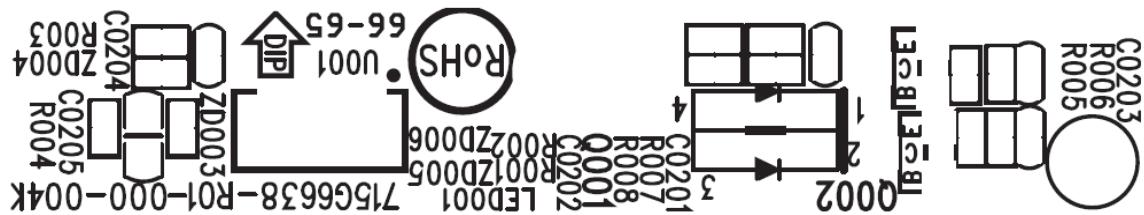
COLD ← **SECONDARY**





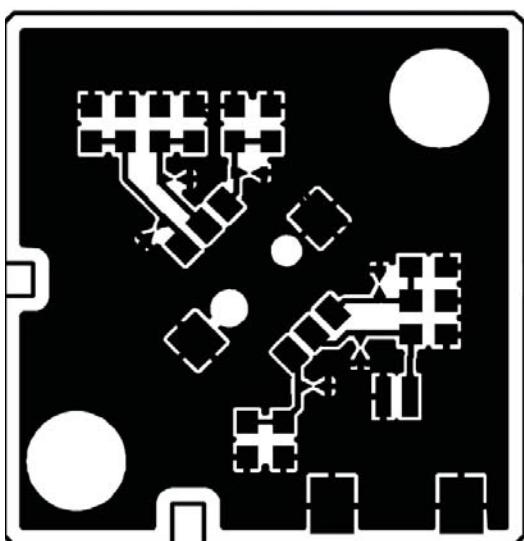
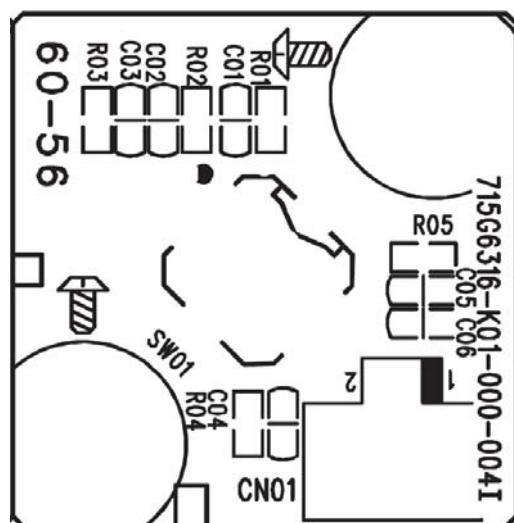
6.3 IR Board

715G6638R01000004K



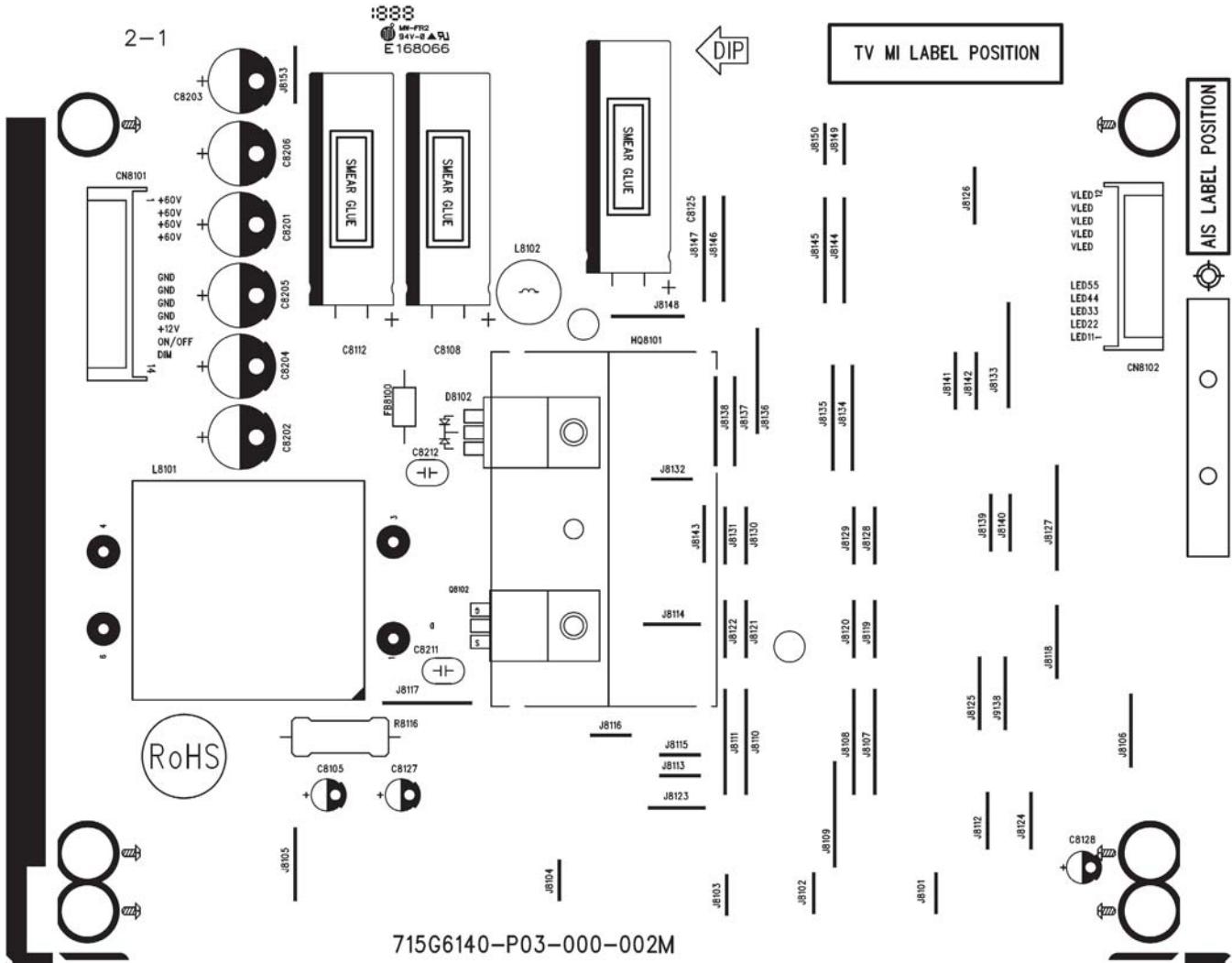
6.4 Key Board

715G6316K01000004I

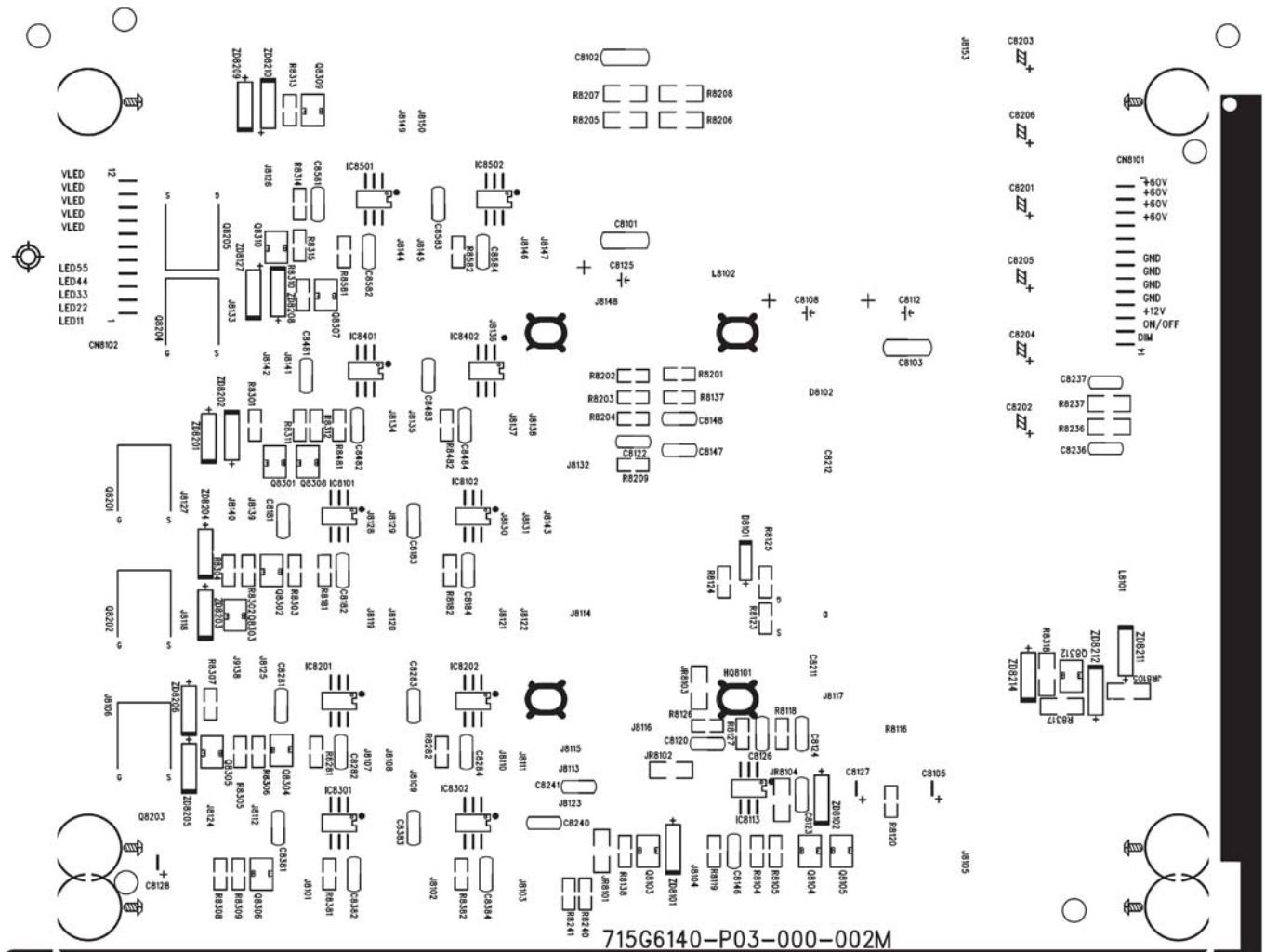


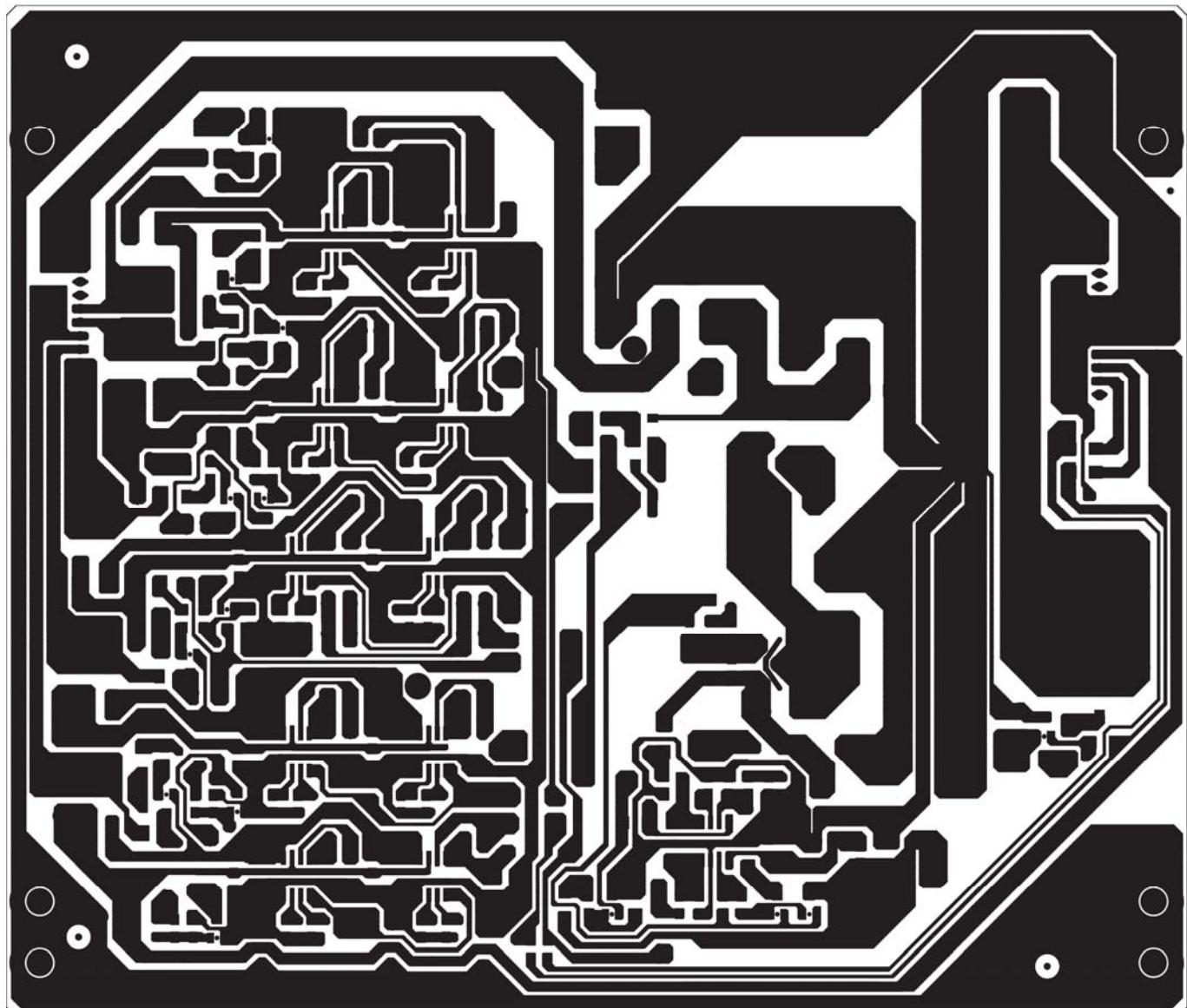
6.5 Converter Board

715G6140P03000002M



715G6140-P03-000-002M





7. Adjustment

7.1 White Balance Adjustment

It only need adjust WB(Ypbpr's Normal/Warm/Cool).

Content of WB Adjustment

1. Enter into the factory mode:MENU+1+9+9+9+back

2. Take an example of adjust Ypbpr_Normal:

- a. Select item "Source": Ypbpr and item "Color Temp": Normal.
- b. Adjust gain of RGB to meet spec in the below setting of tim\pat.

(COMPONENT mode: TIM = 314; PAT = 141(80IRE))

3. Check the colour temperature of other "Source", If the colour temperature can't meet spec, please adjust it

4. The white color temperature should be app.

	Normal/(9300°K)	Warm/(6500°K)	Cool/(12000°K)
x (center)	0.285 ± 0.003	0.313 ± 0.03	0.271 ± 0.003
y (center)	0.293 ± 0.003	0.329 ± 0.003	0.274 ± 0.003
Lv(center)	>200cd	>200cd	>200cd

7.2 Firmware Instruction

Step 1: Ready for F/W Upgrade

- 1.1 Change the software file name to “**MERGE.BIN**”.
- 1.2 Prepare a USB memory (The file system of USB memory must be FAT16 or FAT 32).
- 1.3 Copy the file “**MERGE.BIN**” from your computer to the USB memory root directory, and remove it from computer’s USB port!

Note: 1). Note the version of the F/W before you change the software file name.

2). The software file name must be changed, or TV can’t detect the F/W.

Step 2: F/W Upgrade

- 2.1 Insert USB flash disk into TV’S USB .Do as the Figure2.1

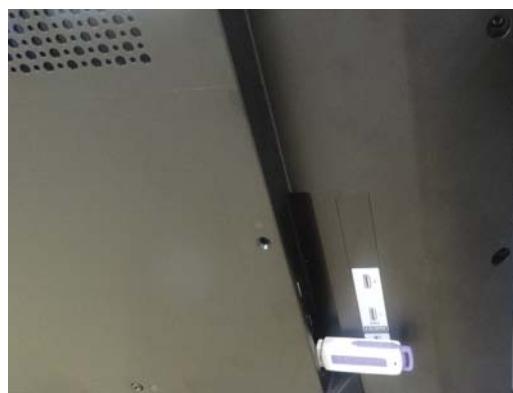
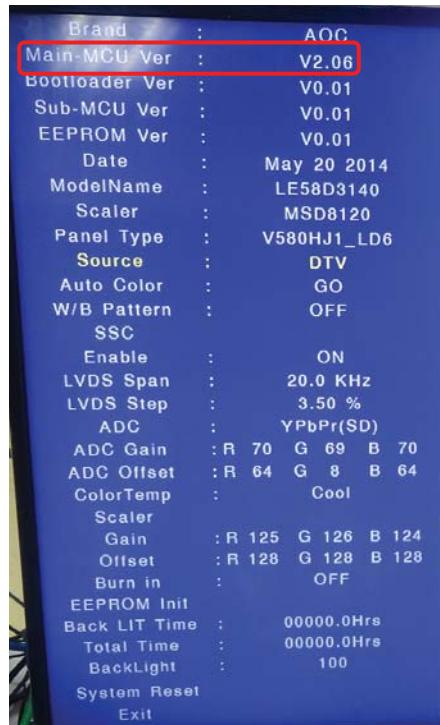


Figure2.1

2.2 AC Off/On the TV, the software will update automatically .TV will automatically restart after update the software.

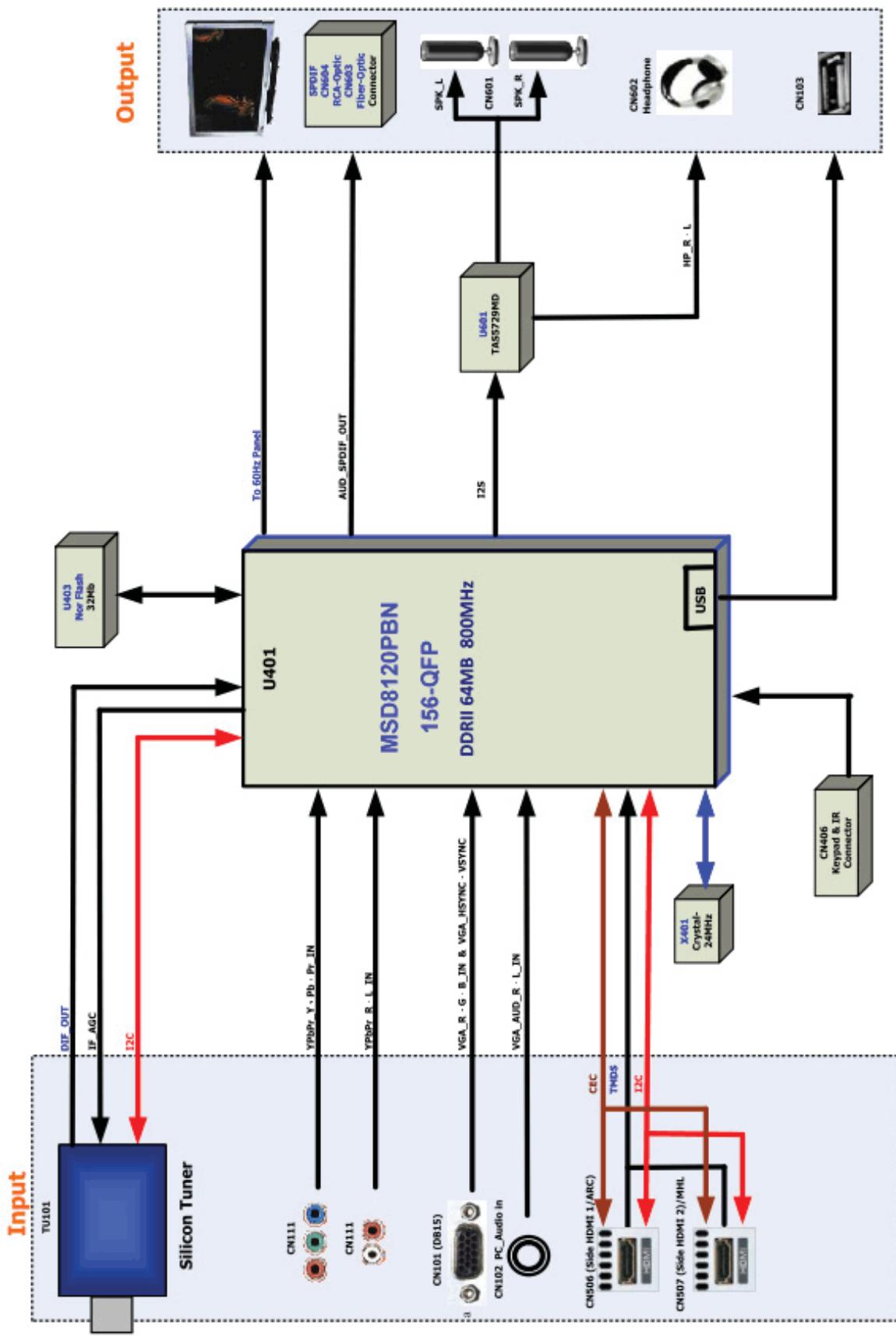
2.3 Press “menu+1999+back” keys in remote control into the factory menu to check the software version.



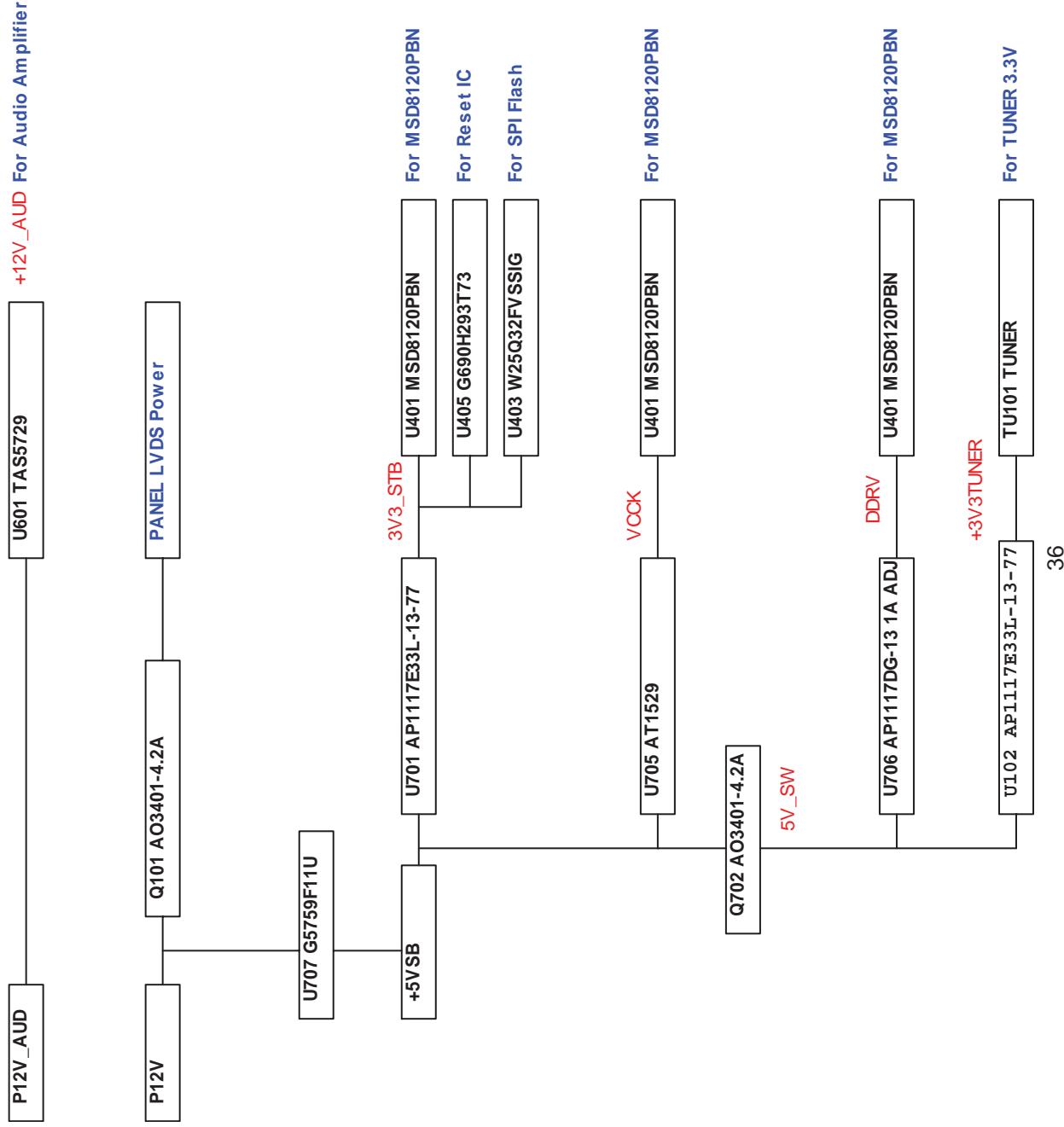
DDC Upgrade

The EDID has been contained in the software, so it is not necessary to update it alone.

8. Block Diagram



Main Board Power System

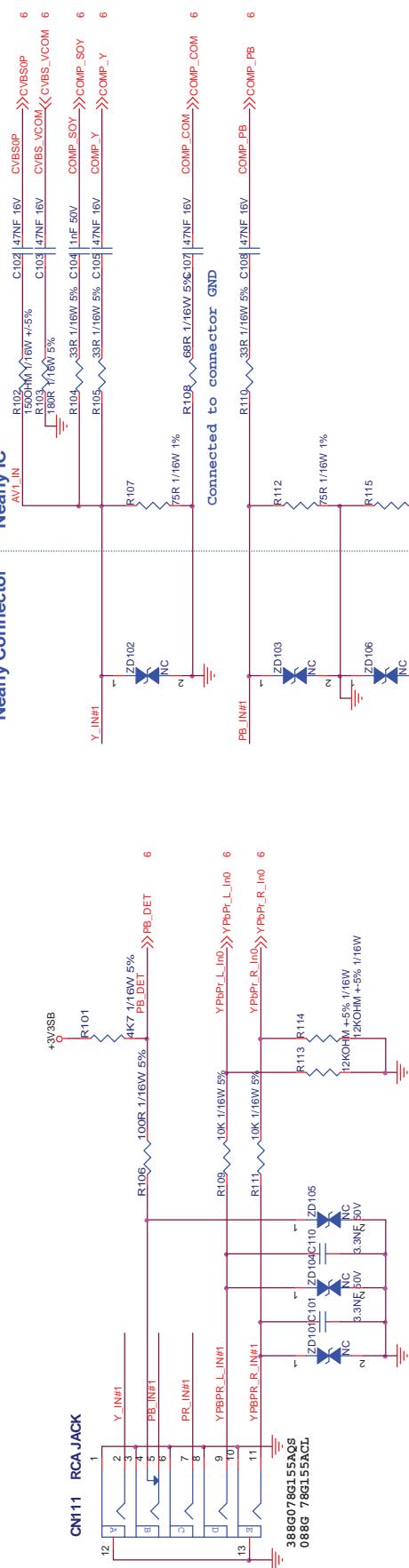


9. Schematic Diagram

9.1 Main Board

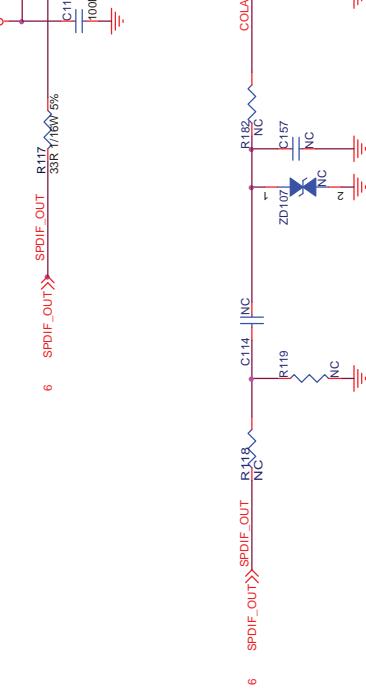
715G6689M0B001004N

YpbPr Video Input share with CVBS in Y

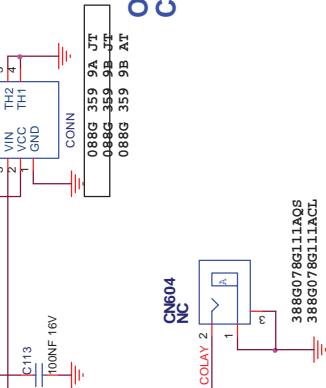


Nearly Connector
Nearby IC
AV1_IN | R102 1500HM 1/16W +/-5% | C102 47NF 16V | CVBSOP
| 180R 1/16W 5% | C103 47NF 16V | CVBS_VCOM < CVBS_VCOM
| R104 33R 1/16W 5% | C104 11NF 50V | COMP_SOY
| R105 33R 1/16W 5% | C105 47NF 16V | COMP_Y
| R107 75R 1/16W 1% | R108 75R 1/16W 5% | C106 47NF 16V | COMP_COM
Connected to connector GND
PB_IN#1 | R109 33R 1/16W 5% | C108 47NF 16V | COMP_PB
| R110 75R 1/16W 1% | R111 75R 1/16W 1% | C109 47NF 16V | COMP_PR
| R112 75R 1/16W 1% | R113 75R 1/16W 1% | C110 47NF 16V | COMP_PR
| R114 12KOHM +5% 1/16W | R115 12KOHM +5% 1/16W | C111 47NF 16V | COMP_PR

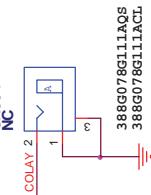
SPDIF



SPDIF Co-L-layout



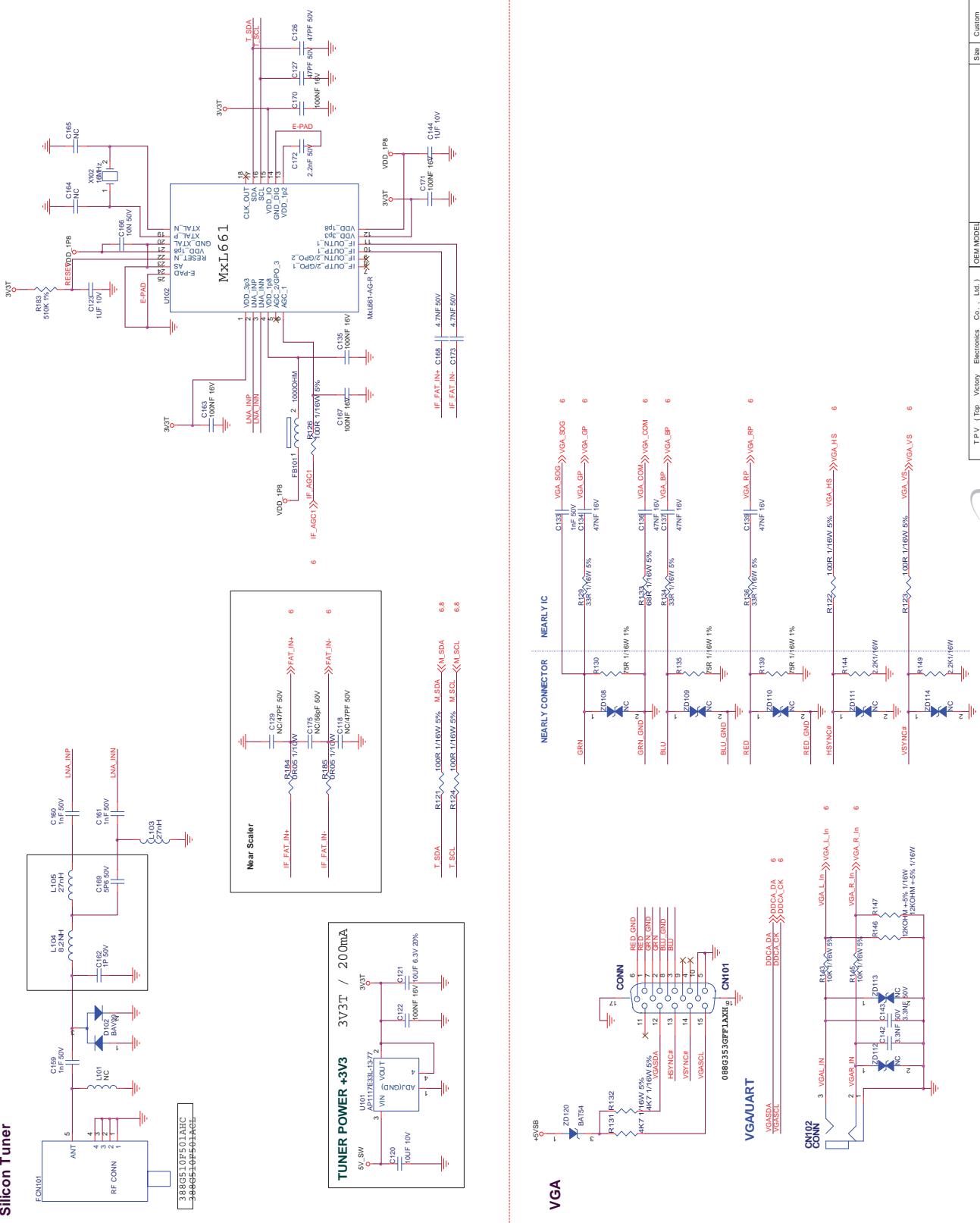
Optical X Coaxial V



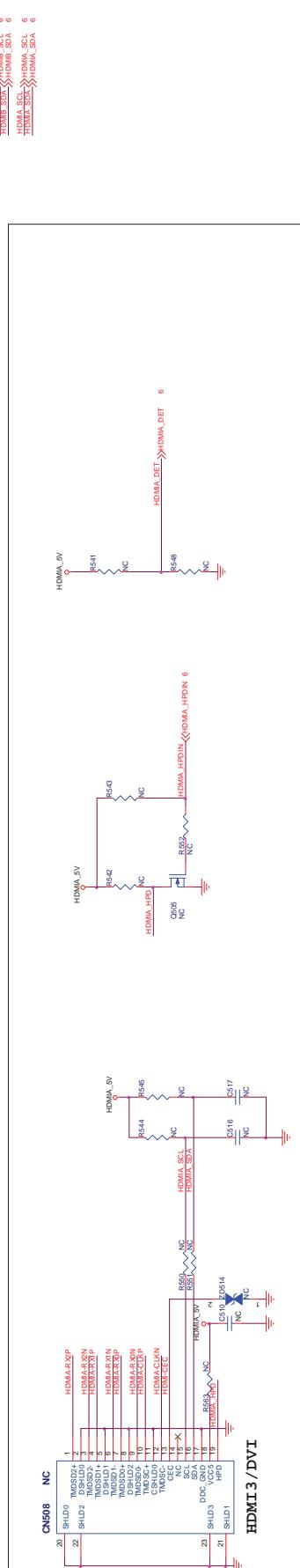
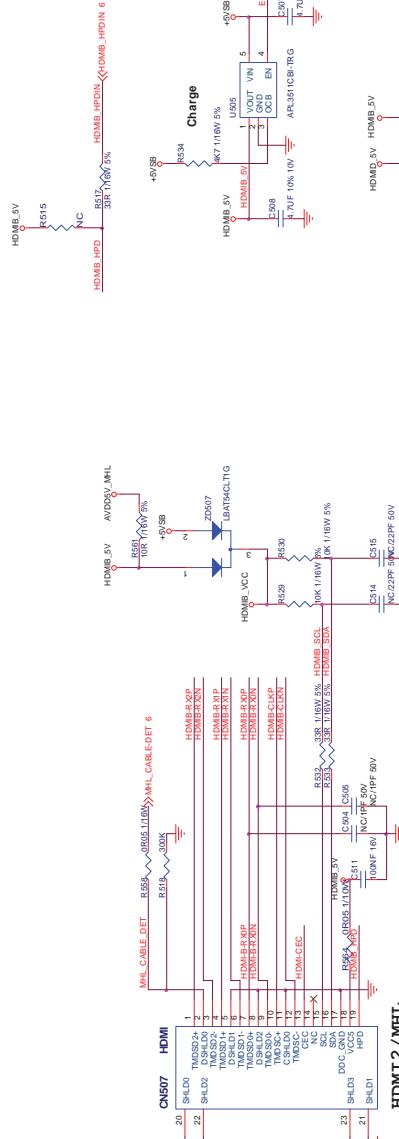
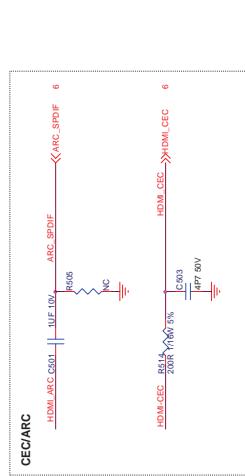
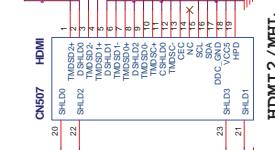
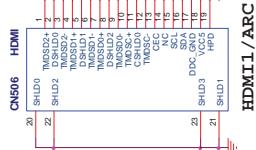
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	B
Key Component	TPV MODEL	Rev	A
03_AVYpPbPr_Inputs	PCB NAME	Sheet	3 of 9
Friday, March 28, 2014			<Variant Name>



Silicon Tuner



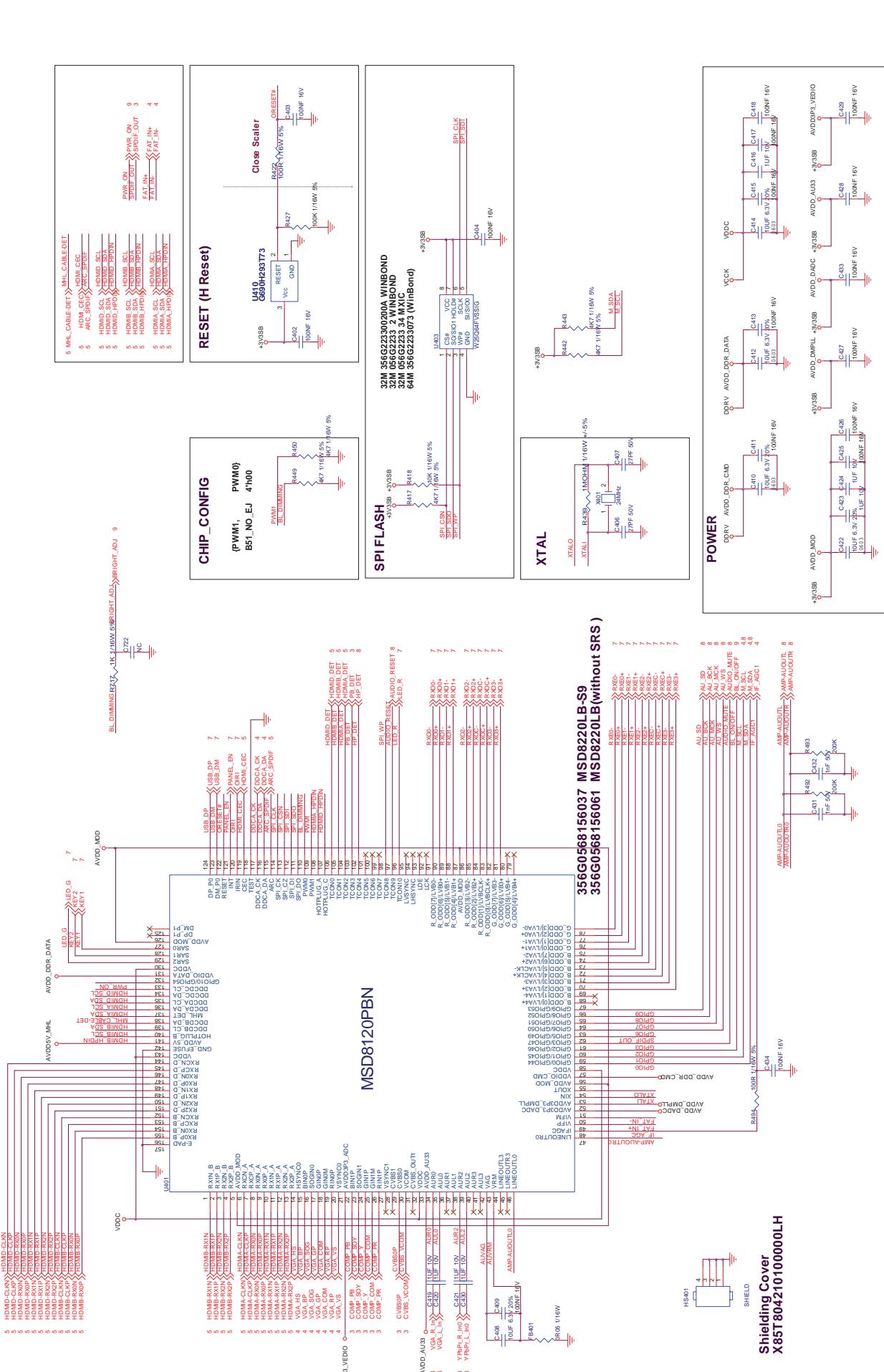
TPV

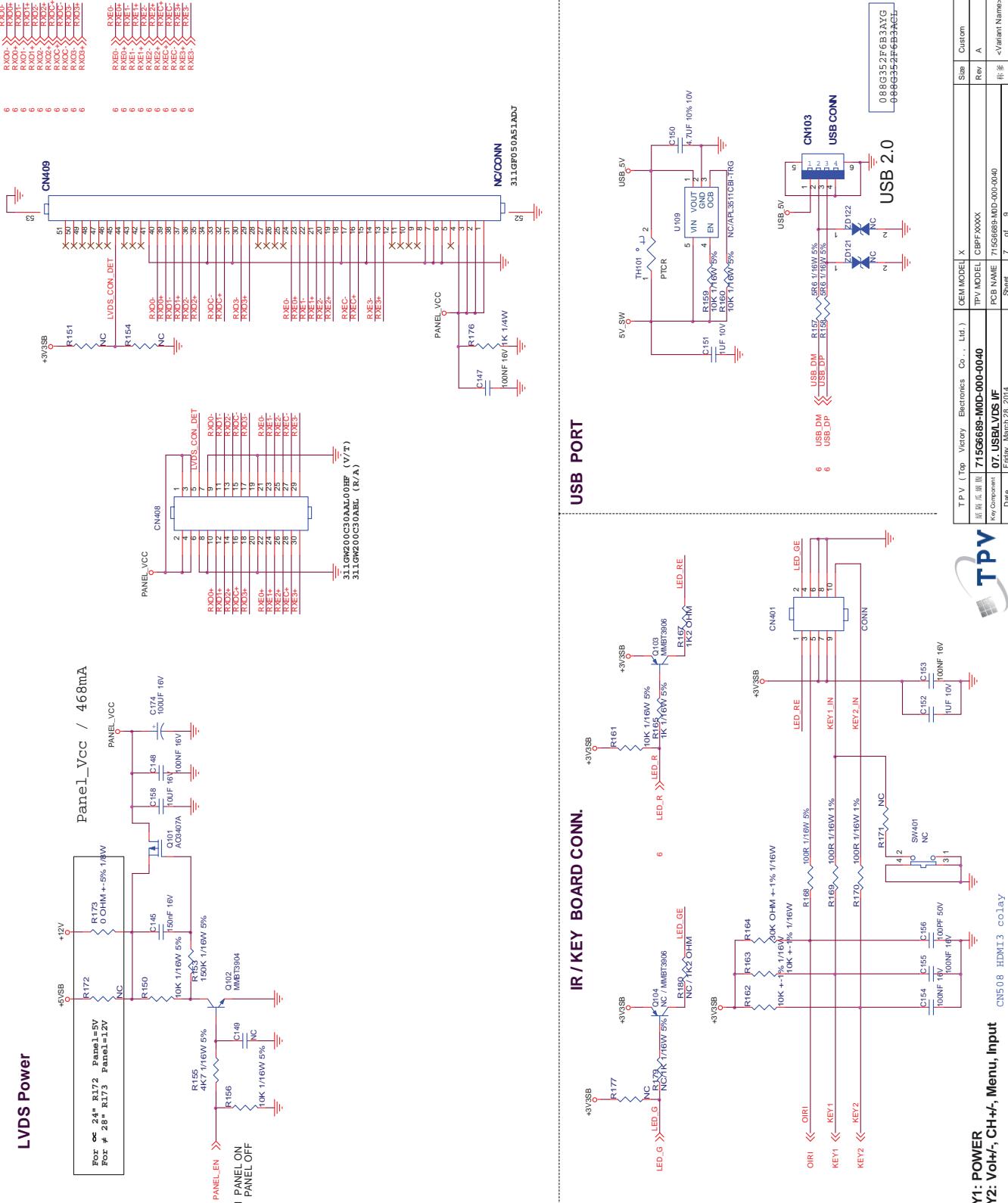


4/12/454(13)/12/4
4/12/555(16)/12/4

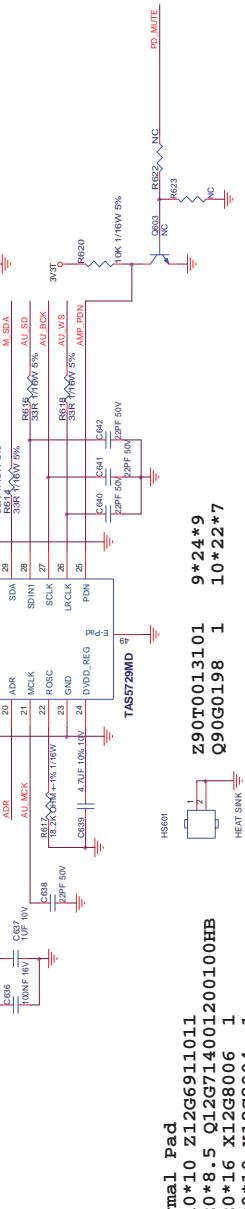
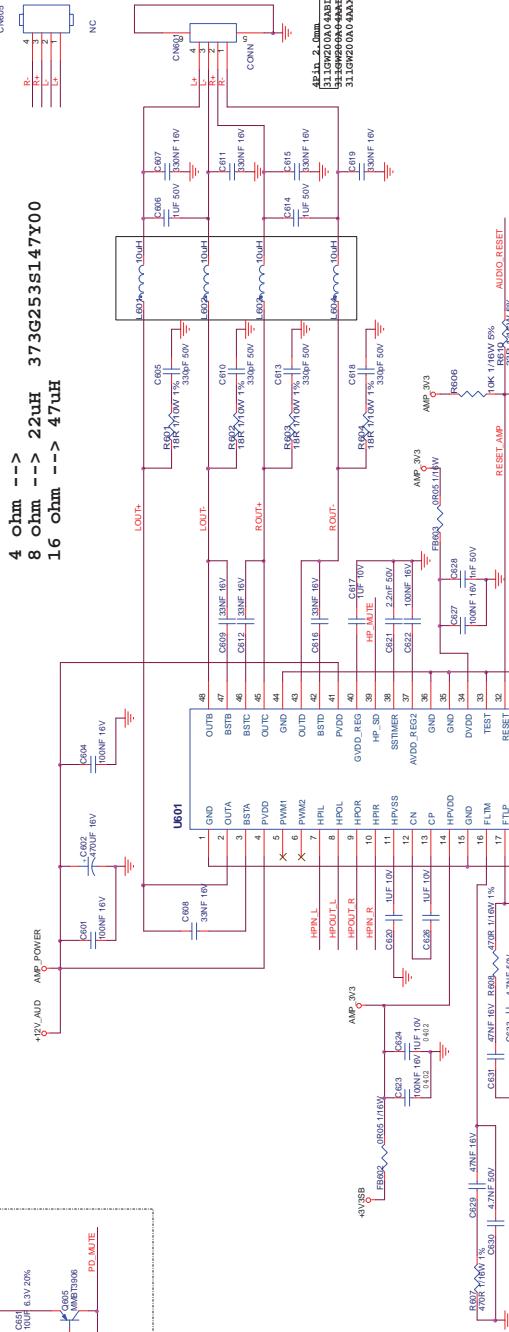
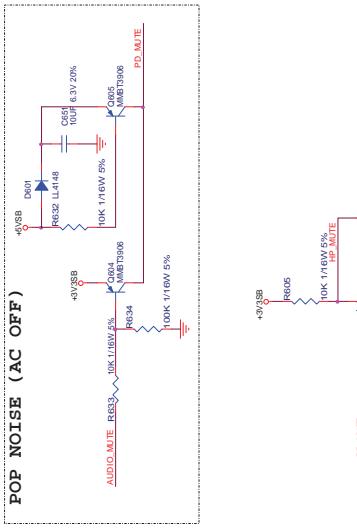
T

Rev	Part No.	Size
A	TPV	C
B	TPV	A
C	TPV	B

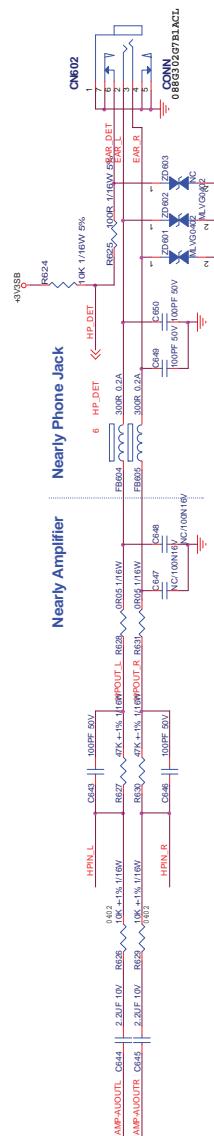


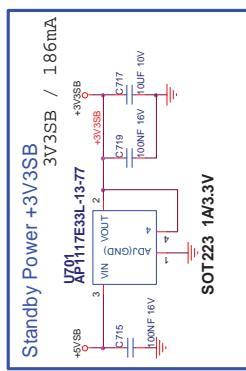
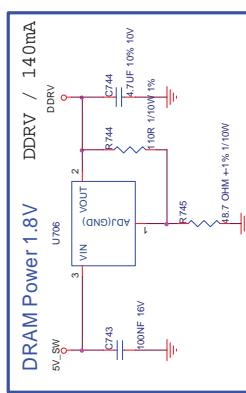
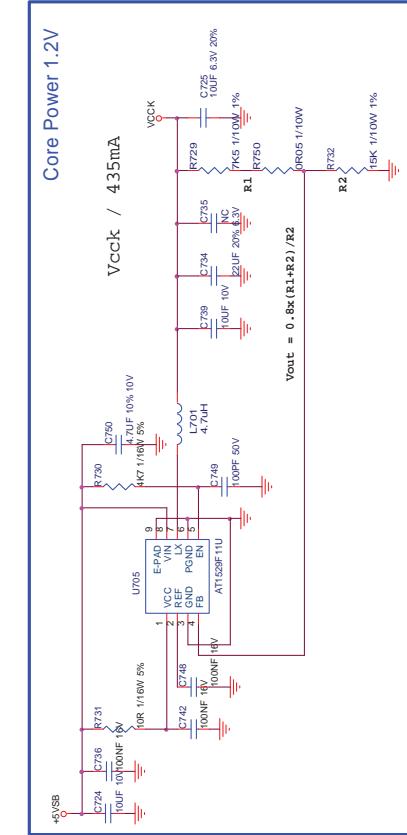
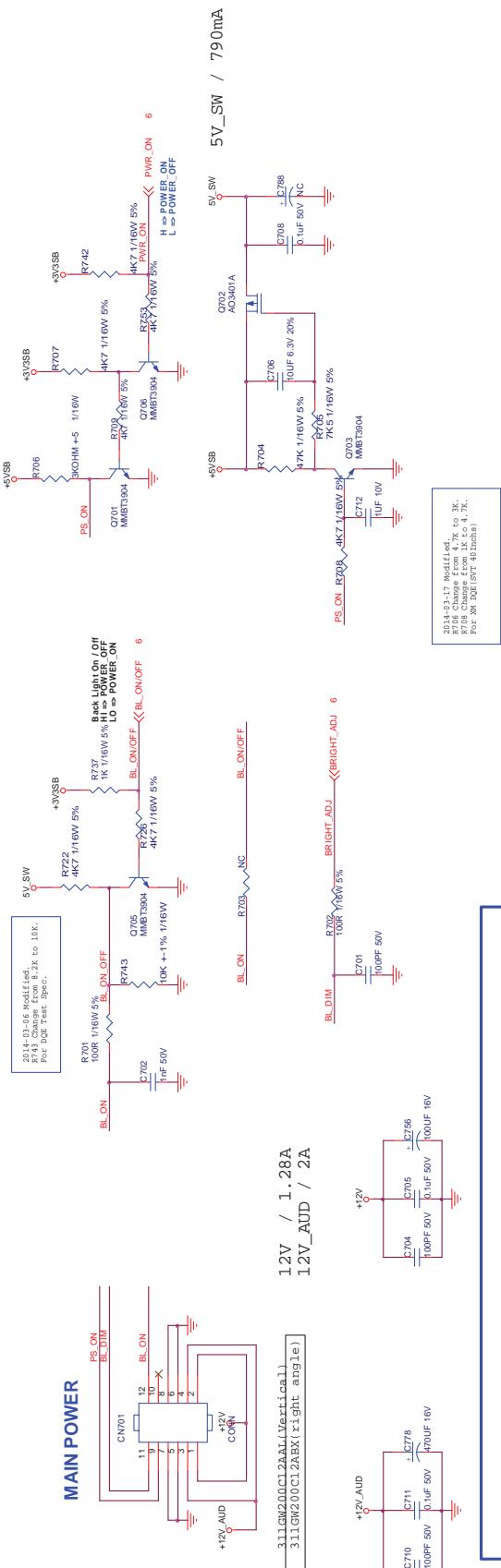


KEY1: POWER
KEY2: Volt+/- CH++/ Menu| Input



HeadPhone / Audio Output (side)

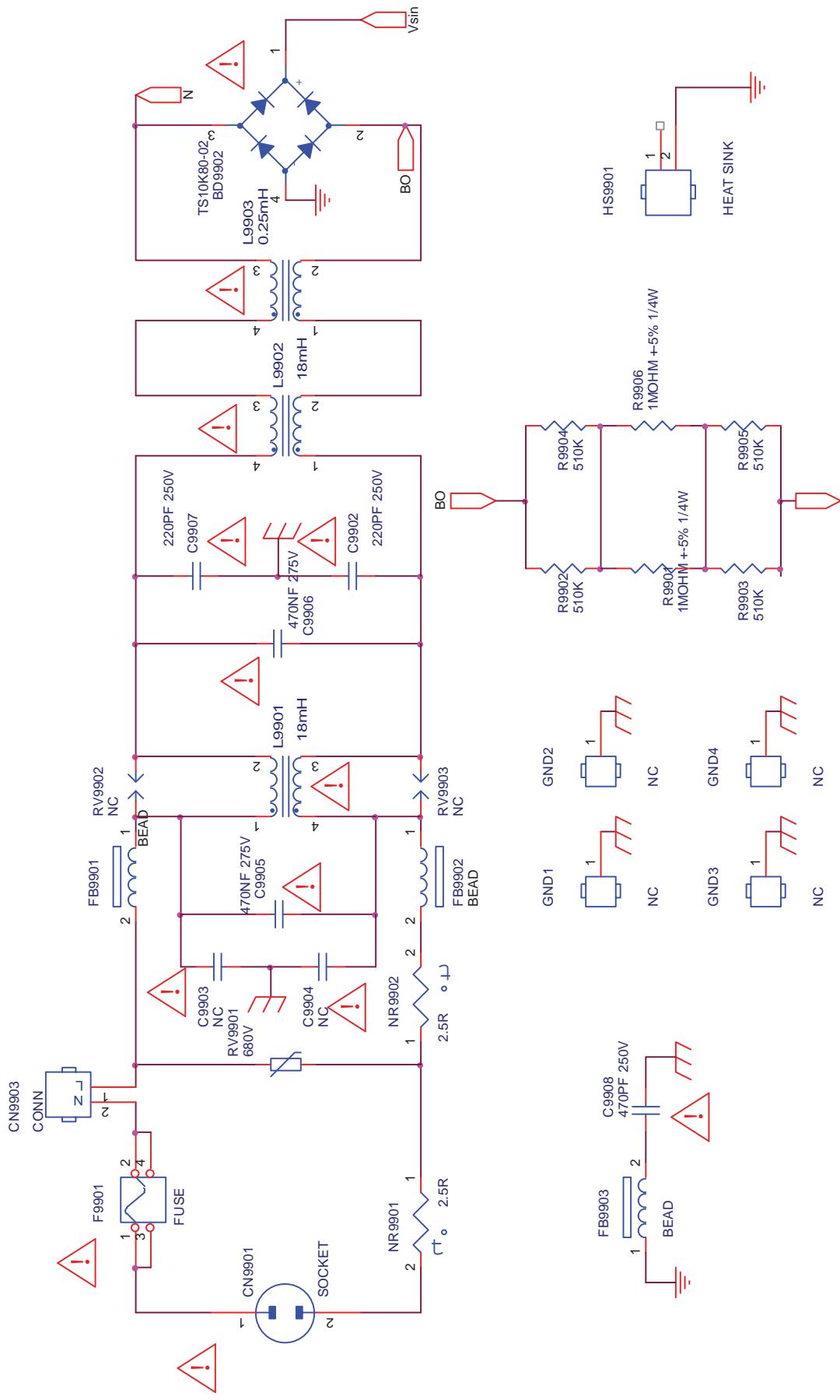




TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	TPV MODEL	REV	CUSTOM
易勝電子有限公司 99 Component	System Power	Sheet	9	<Variant Name>
Date	Friday, March 28, 2014	of	9	

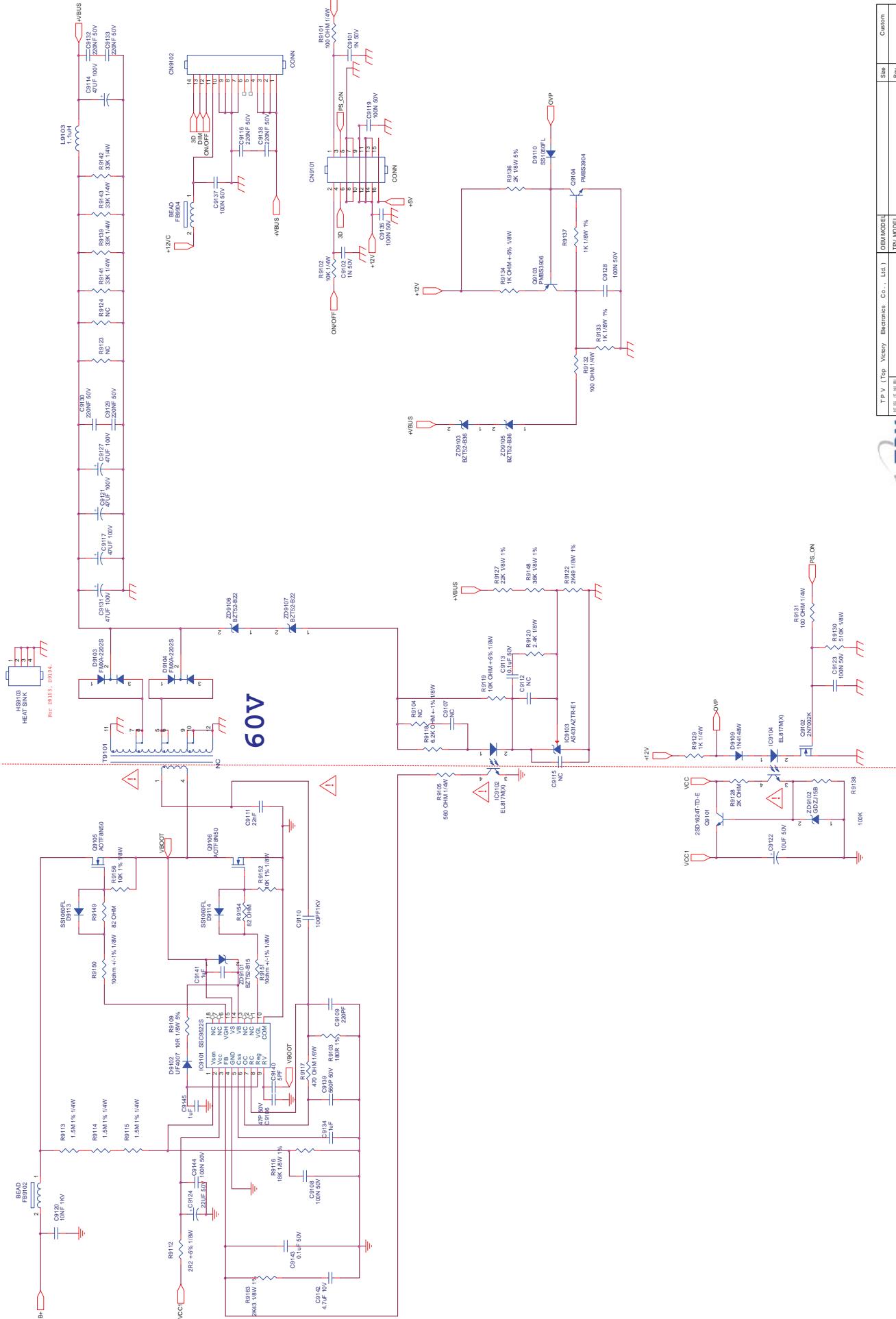
9.2 Power Board

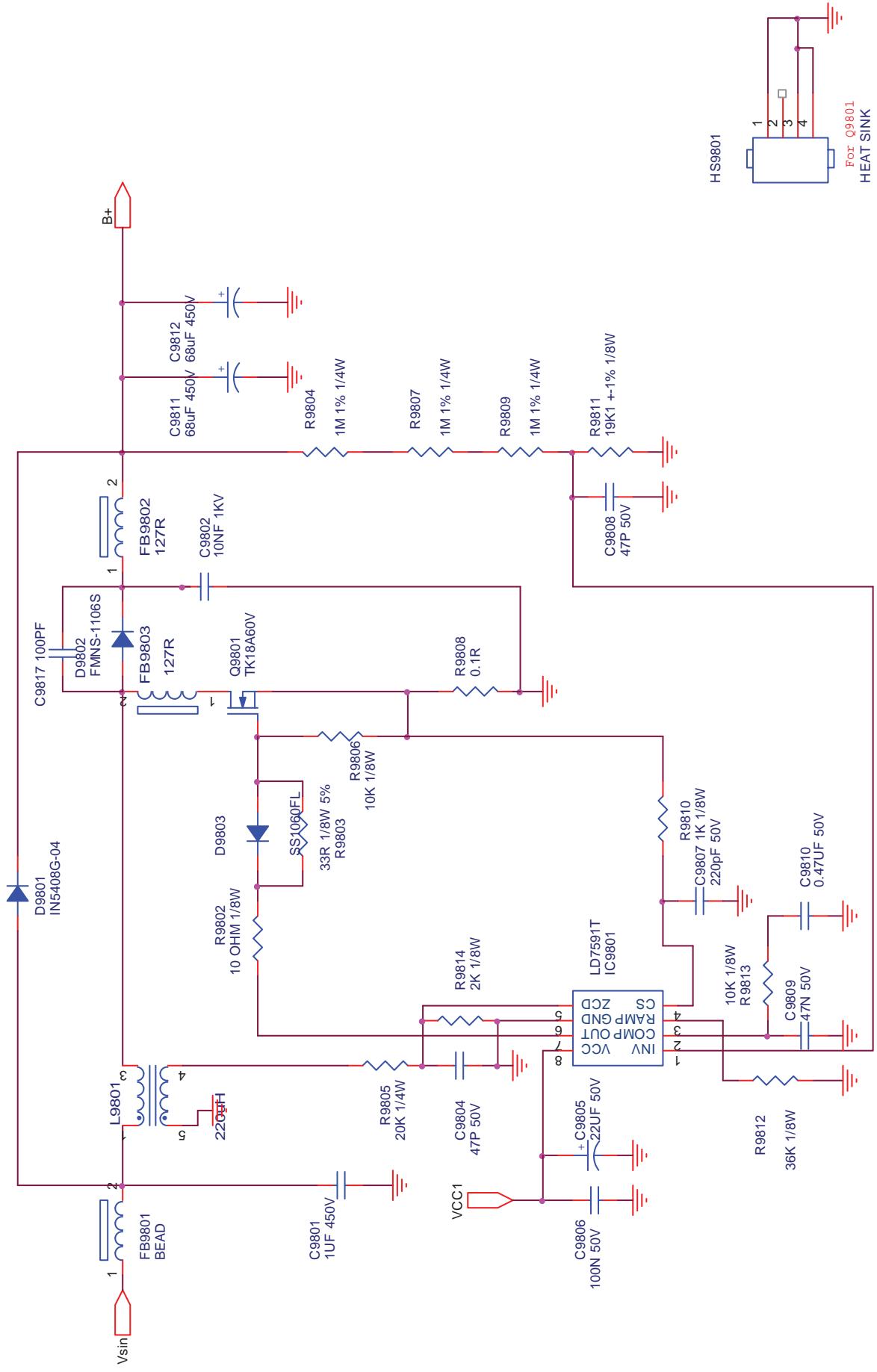
715G6607P01002002M



TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	A
絶縁隔離膜	TPV MODEL	Rev	
Key Component	PCB NAME	Sheet	称參
Date	Wednesday, February 19, 2014	1 of 5	

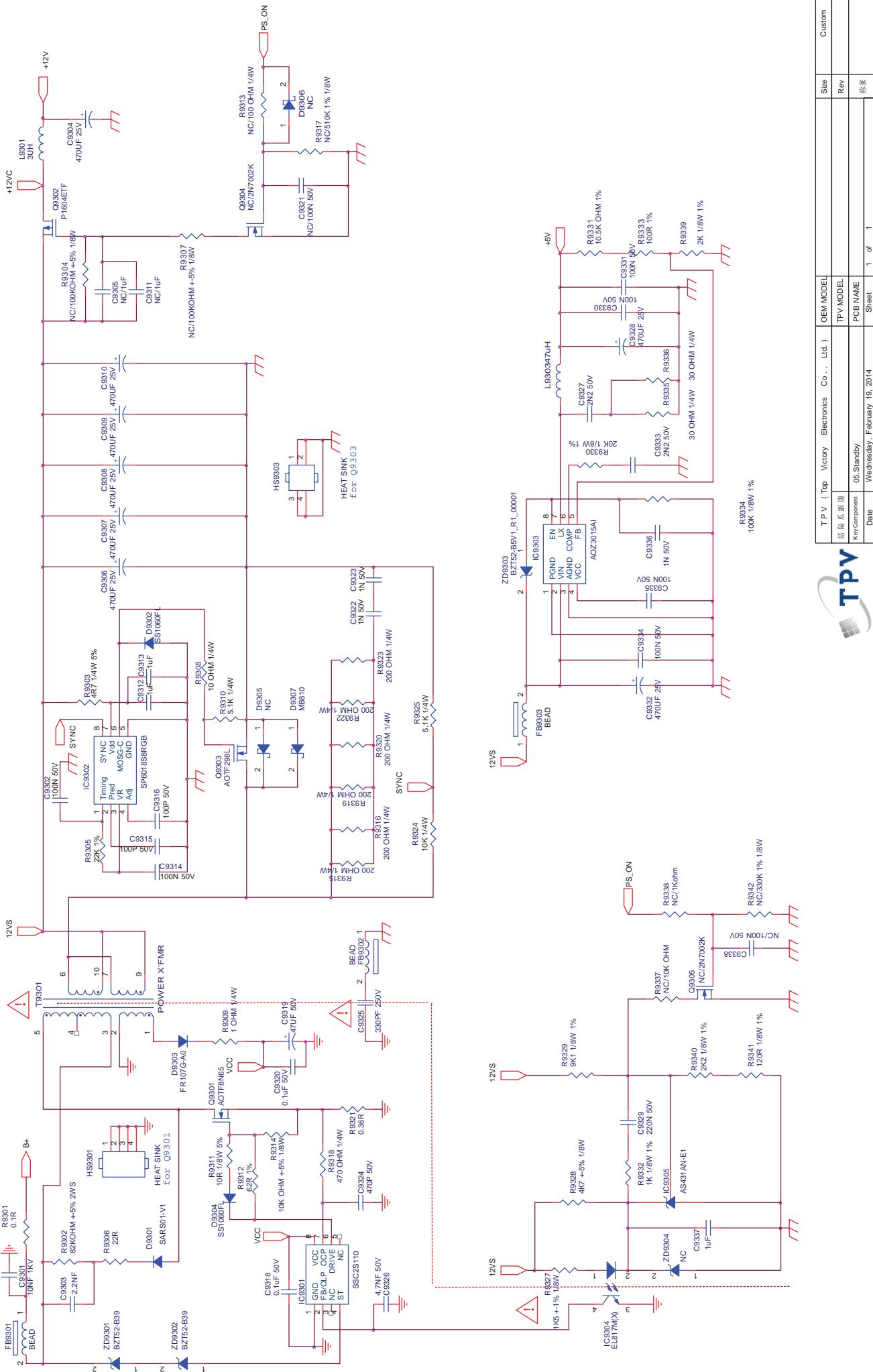






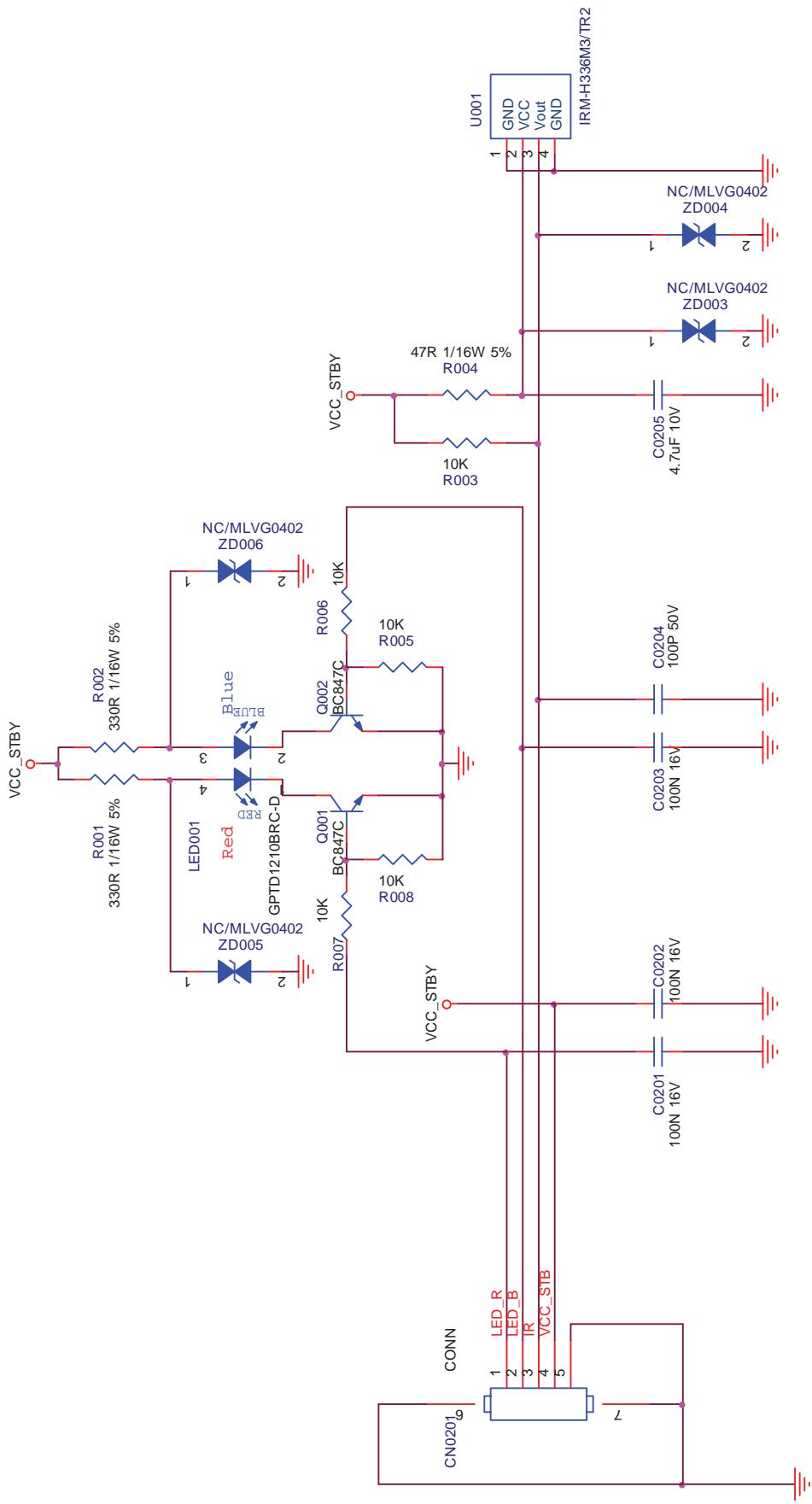
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	A
Key Component	TPV MODEL	Rev	
Date	PCB NAME	Sheet	4 of 5





9.3 IR Board

715G6638R01000004K

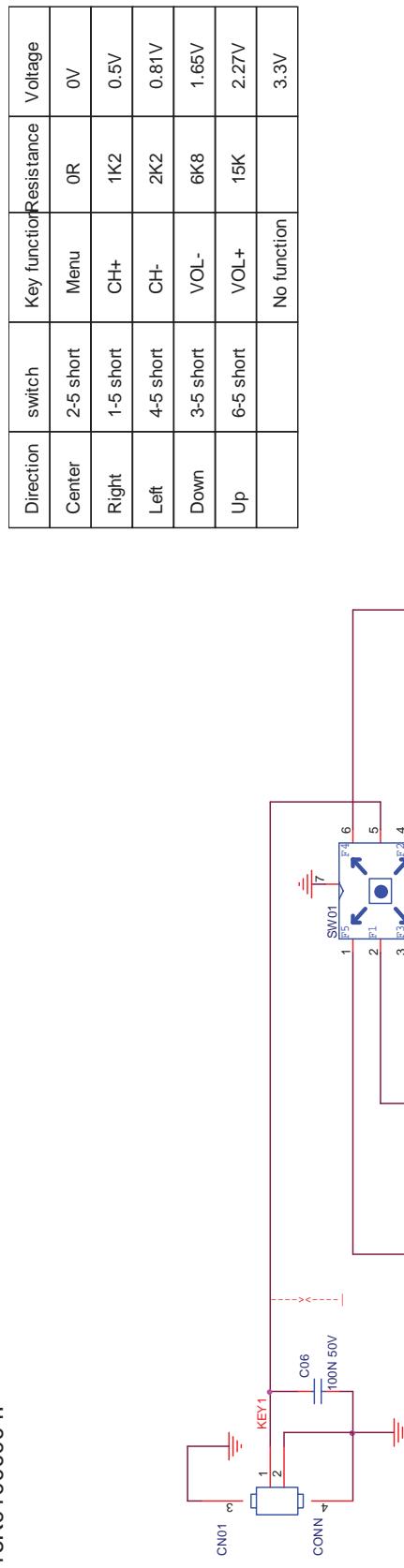


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size
結隔壁膜	TPV MODEL	A
Key Component 02. IR BOARD	PCB NAME	Rev B
Date Monday, November 11, 2013	Sheet 2 of 2	称參 <稱參>



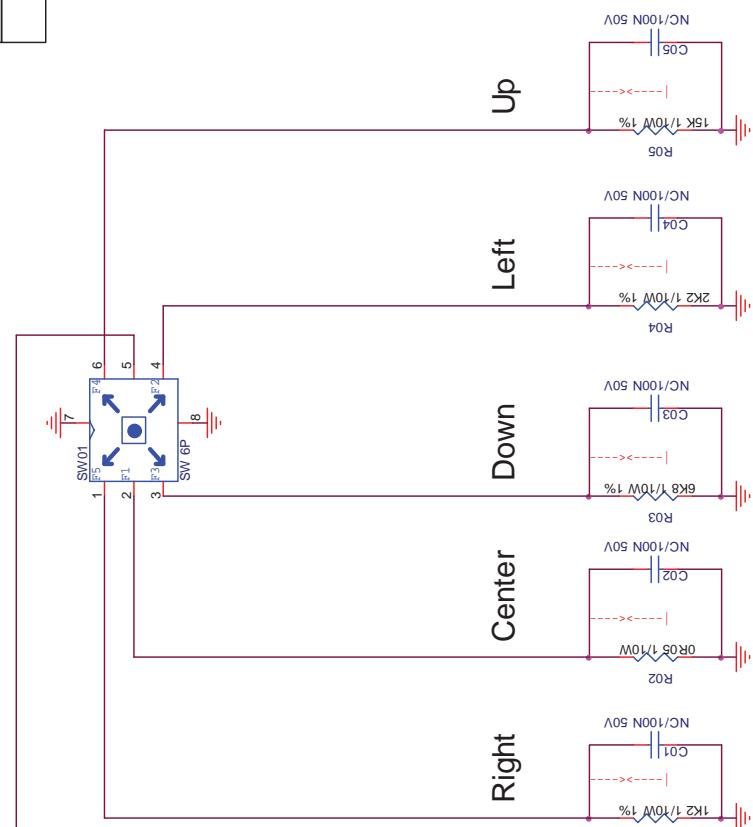
9.4 KEY Board

715G6316K010000041



Joystick circuit diagram

	pin1	pin2	pin3	pin4	pin5	pin6
F1		○			○	
F2			○	○		
F3			○	○		
F4				○	○	
F5	○				○	

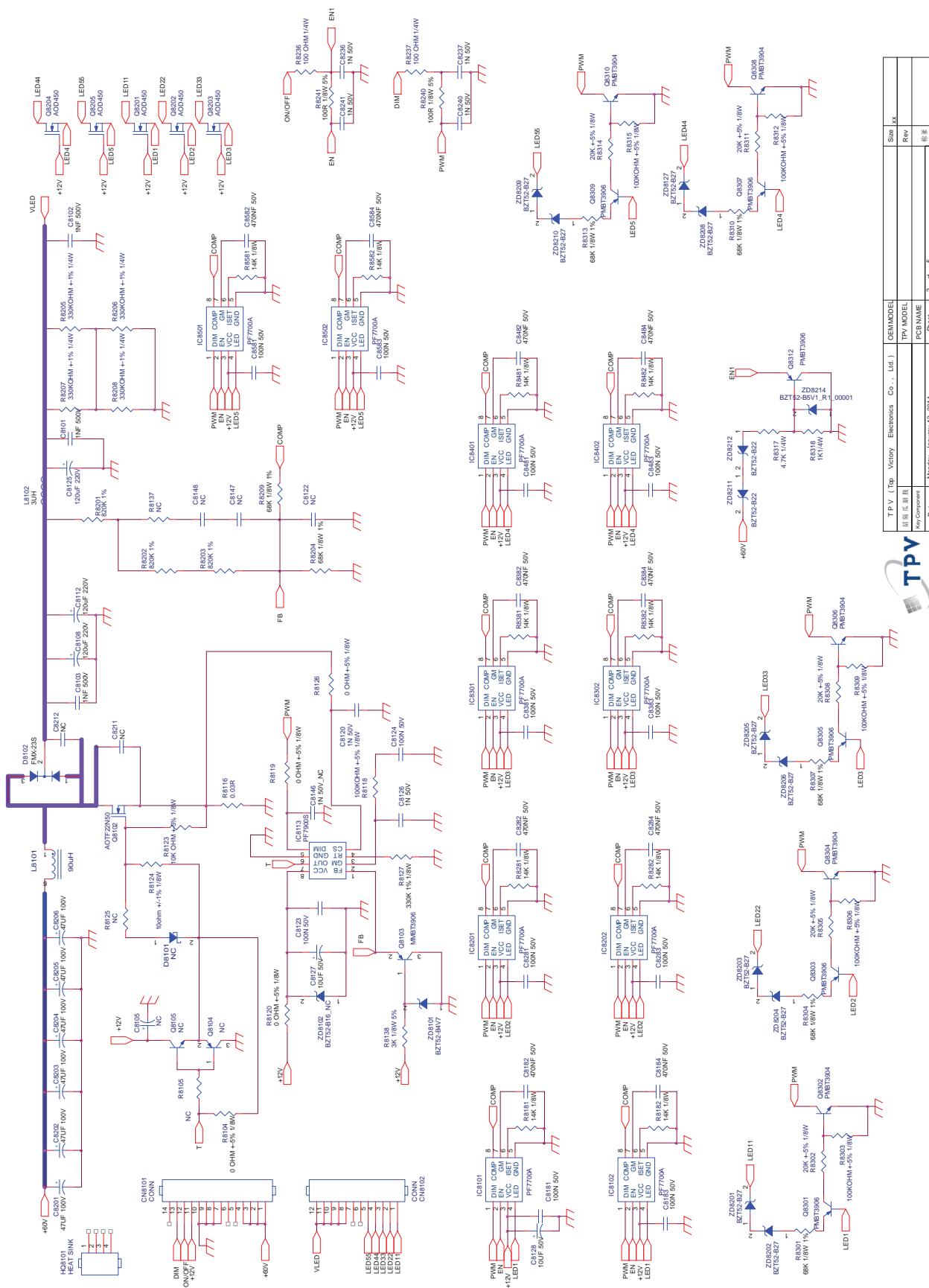


TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	Custom
键帽	TPV MODEL		
Key Component	PCB NAME		
Date	Sheet	Rev 1	你爹
	Tuesday, September 17, 2013	2 of 2	XX

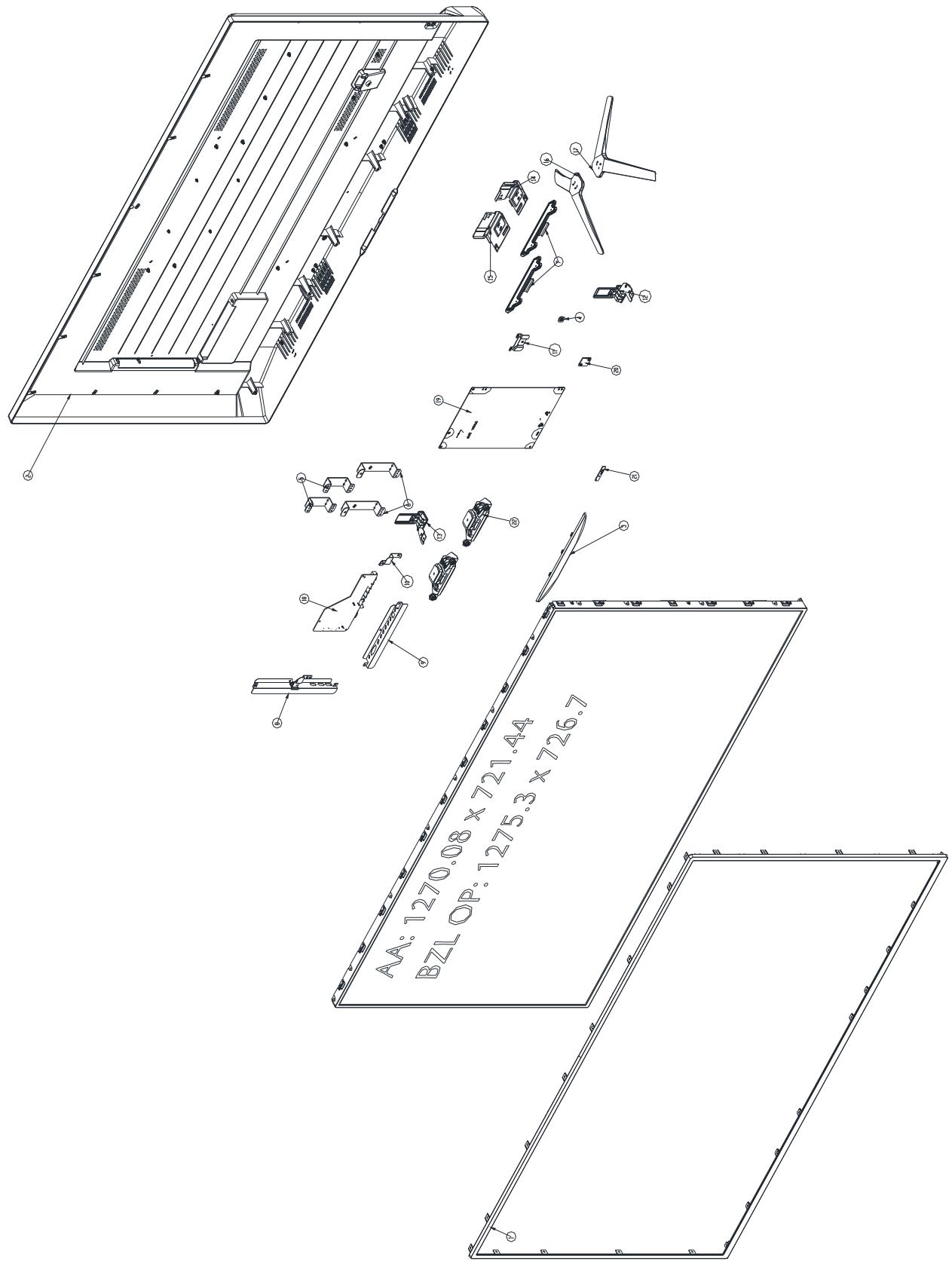


9.5 Converter Board

715G6140P030000002M



10. Exploded View



Item	Part No	Description	Qty
1	P34T2148ADTA1L0100	BEZEL	1
2	P34T21490GM02K0200	REAR_COVER	1
3	P33T0686ALDZ1C0100	DECO_LOGO	1
4	P33T0676XJT01R0100	KEY	1
5	X15T947510100000BL	BKT_TOP	2
6	X15T947610100000BL	BKT_BTM	2
7	X15T947710200000YF	BKT_SPEAKER	2
8	X15T9478501000GMYF	BKT_IO_SIDE	1
9	X15T9479401000GMYF	BKT_IO_DOWN	1
10	X15T966510100000LH	BKT_MID	1
11	X15T948010100000YF	BKT_AC_INLET	1
12	X15T948110300000YF	BKT_CHASSIS_L	1
13	X15T948210200000YF	BKT_CHASSIS_R	1
14	X15T957110100000AJ	BKT_HINGE	1
15	X15T957210100000AJ	BKT_HINGE	1
16	X20T8081001000YSXL	DIE-CASTING_BRACKET_L	1
17	X20T8082001000YSXL	DIE-CASTING_BRACKET_R	1
18	CBPFDMESX2	MAIN BOARD	1
19	ADTVE6020XA2	POWER BOARD	1
20	KEPFDAAM	KEY BOARD	1
21	IRPFEXA6	IR BOARD	1
22	378G0110567CDN	SPEAKER	2

11. BOM List

Note: The following information of initial version BOM are only for reference of repair, not place the order as the basis and are subject to change without notice. Please base on RSPL or Service BOM (<http://cs.tpv.com.cn>), thank you!

E58EM1NSESE6NNX

Location	Part No.	Description	Remark
	X52G20010TV03700BK	INSULATING SHEET	
	0M1G 130 6 47 CR3	SCREW 3X6	
	0M1G 130 8 47 CR3	SCREW 3X8	
	0M1G 130 10 47 CR3	SCREW	
	0M1G 940 8 47 CR3	SCREW 4X8	
	0M1G 940 8120	SCREW	
	0M1G 940 8120	SCREW	
	0M1G1730 6120	SCREW 3X6	
	0M1G1730 8120	SCREW	
	0M1G1730 8120	SCREW	
	0M1G1740 8120	SCREW FOR STD/MF 42-D020715/42-D000649()	
	0Q1G 930 6 47 CR3	SCREW 3X6	
	0Q1G 930 6 47 CR3	SCREW 3X6	
	0Q1G 930 6 47 CR3	SCREW 3X6	
SP01	378G0110567CDN	6 OHM 11W 146X34X41.9MM 0 UNIT	
ECN01	395G801402RC01	HARNESS 2P PITCH2.0-2P PITCH1.25 200MM	
ECN601	395G801404RD29	HARNESS 4P-2P+2P 950MM/260MM	
ECN401	395G801410RC52	HARNESS 10P PITCH2.0-5P PITCH1.25+2P PI	
ECN8102	395G801412RC19	HARNESS 12P - 12P 800 MM	
ECN9102	395G801414XC41	HARNESS 14P PITCH2.0-14P PITCH2.0 400MM	
ECN701	395G801416DC80	HARNESS 16P PITCH2.0-12P PITCH2.0 750MM	
ECN701	395G801416RC80	HARNESS 16P PITCH2.0-12P PITCH2.0 750MM	2nd-source
ECN408	395G801851LD46	LVDS CABLE 51P-30P 700MM	
ECN408	395G801851RD46	LVDS CABLE 51P-30P 700MM	2nd-source
	398GRABD7NEACR	REMOTE AOC RC2414704/01 ENGLISH	
	708GWA110CPX02	AOC 40(176 SA)	
	Q50G 4 10	TIE (Y1900221)	
	052G 1185 1	BIG TAPE(Y1200141)	
	Q45G 77511	PROTECT BAG	
	Q50G060046502A00BL	PACKAGE_BUCKLE	
E750	750TBN580J1L23N000	LCD V580HJ1-LD6 C2 NH CMI	
	756TXECB01S006000X	MAIN BOARD-CBPFDMESX2	
SMTF-U403	100TAMVW001STX	MCU ASSY-356G2233073	
	ADTVE6020XA2	POWER BOARD	
	Z40G0002ALL01A	OTHER LABEL	
CN9102	033G380214B YH	WAFER 2.0MM 14P W2015-14RVA-S01	
IC9304	056G 139 9	IC EL817M(X) PHOTOCOUPLER DIP-4	
IC9102	056G 139 9	IC EL817M(X) PHOTOCOUPLER DIP-4	
IC9104	056G 139 9	IC EL817M(X) PHOTOCOUPLER DIP-4	
Q9106	057G 667914	MOSFET TK10A50D 10A 500V TO-220	
Q9105	057G 667914	MOSFET TK10A50D 10A 500V TO-220	
R9808	061G153M10859B SY	RST MOF 0.1R 5% 3WS PITCH=20MM	
C9906	063G107M47410M	CAP X2 470NF 20% 275V R46KI3470HAP1M	
C9905	063G107M47410M	CAP X2 470NF 20% 275V R46KI3470HAP1M	
FB9902	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
FB9801	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	
FB9901	071G 55906	FERRITE CORE 510R C8B R6H 6X9.2(A)	

FB9801	071G 55906 H	BEAD 6.0*9.2 510R MIN BF-I60090C-794
FB9902	071G 55906 H	BEAD 6.0*9.2 510R MIN BF-I60090C-794
FB9901	071G 55906 H	BEAD 6.0*9.2 510R MIN BF-I60090C-794
L9103	073G 253191 HP	CHOKE COIL 1.1UH VOC
L9103	073G 253191 LP	CHOKE COIL 1.1UH VOC
CN9901	087G 50147D HC HF	HF AC SOKET R/A 2P 12DEGREE H=12.8
D9801	093G 52918	RECTIFIER 1N5408G-04 X0 3A 1000V DO201AD
D9305	093G 60520	DIODE SR5100-MK23 5A/100V DO-27 SECOS
D9305	093G 60924	SCHOTTKY SR510-22 5A 100V DO-201AD
CN9901-1	0Q1G 340 8140	SCREW Q1-SELF TAPING SCREW :Q X8.0
CN9101	311GW200C16BBX	ONN 2.0MM 16P R/A W2010-16RVA-S04,B200
Q9105	357G0667A06	MOSFET STF8NM50N 5A 500V 20W TO-220FP
Q9106	357G0667A06	MOSFET STF8NM50N 5A 500V 20W TO-220FP
RV9901	361G0046681KZE	VARISTOR 680V 10%
NR9902	361G0058259MYN006A	NTCR 2.5R 20% 3.1W MF71-2.5D-13-MOL
NR9901	361G0058259MYN006A	NTCR 2.5R 20% 3.1W MF71-2.5D-13-MOL
NR9902	361G0058259MYW006A	NTCR 2.5R 20% 3.1W SCK132R56MTY504
NR9901	361G0058259MYW006A	NTCR 2.5R 20% 3.1W SCK132R56MTY504
C9906	363G107K474BEC	CAP X2 470NF 10% 275V 18*9*13.5 B32922L
C9905	363G107K474BEC	CAP X2 470NF 10% 275V 18*9*13.5 B32922L
C9801	363G210K105GZP	CAP MPP 1UF 10% 450V
C9111	363G211J2235HA	CAP MPP 22NF 5% 1KV 18*5*11 R75QI2220HA0
C9111	363G211J2235HE	CAP MPP 22NF 5% 1KV 18*5*10.5 B32652A02
C9811	367G215X820PHZ	EC 82UF 20% 450V 13*50MM 2000 HR 720MA
C9812	367G215X820PHZ	EC 82UF 20% 450V 13*50MM 2000 HR 720MA
C9811	367G215X820PKZ	EC 82UF 20% 450V 13*50MM 2000 HR 720MA
C9812	367G215X820PKZ	EC 82UF 20% 450V 13*50MM 2000 HR 720MA
L9903	373G0174301H00	LINE FILTER 0.25MH MIN 2A LCL-11010 HA
L9903	373G0174301X00	LINE FILTER 0.25MH MIN 2A 3LFT1064-251M
L9801	373G0174308H00	PFC CHOKE 220UH 10% 2A GL-13223 HA
L9801	373G0174308N00	PFC CHOKE 220UH 10% 2A -
L9902	373G0174314H00	LINE FILTER 12MH MIN 1.5 -
L9901	373G0174314H00	LINE FILTER 12MH MIN 1.5 -
L9901	373G0174314X00	LINE FILTER 12MH MIN 1.5A 3LFT18106-123
L9902	373G0174314X00	LINE FILTER 12MH MIN 1.5A 3LFT18106-123
L9301	373G0253247H00	CHOKE COIL 3UH 15% DR8*8 5A
L9301	373G0253247X00	CHOKE COIL 3UH 15% DR8*8 5A
T9301	380GL32P141H00	X'FMR 360U 10% 5U ER31 BCK-13122-HA
T9301	380GL32P141N00	X'FMR 360UH 10% 5UH ER31 -
T9101	380GL52P172T00	X'FMR 900MH 12% 135MH EE4213 SRV
T9101	380GL52P172YS0	X'FMR 900MH 12% 140MH EE4213 YS0
	705TXC84879	F9901 ASS"Y
F9901-1	084G 34 14	BSE ---
F9901	084G 41 7	FUSE 5A 250V 0215005M LITTELFUSE
F9901	084G 41 7 C	FUSE 5A 250V UDA005(PF)
	705TXD57129	Q9301 ASS"Y
Q9301	057G 667931	MOSFET AOTF8N65 8A 650V TO-220FP
	0M1G1730 8120	SCREW
HS9301	Q90G0219 4	HEAT SINK ĐÍ2Å/PROFILE
	705TXD57130	Q9303 ASS'Y
	0M1G1730 8120	SCREW
Q9303	357G0600100020	MOSFET AOTF298L 33A 100V TO-220F
HS9303	Q90T0237 1	HEAT SINK
	705TXD93129	D9103 D9104 ASS"Y

D9103	093G 52 57	RECTIFIER FMXA-2202S 20A 200V TO-220F
D9104	093G 52 57	RECTIFIER FMXA-2202S 20A 200V TO-220F
	0M1G1730 8120	SCREW
HS9103	Q90T0236002A0000HG	HEAT SINK
	705TXE57122	Q9801 D9802 ASS"Y
D9802	093G 52905	DIODE FMNS-1106S TO-220
	0M1G1730 8120	SCREW
Q9801	357G0667600601	MOSFET TK20A60W 20A 600V TO-220SIS
D9802	393G0060A13	RECTIFIER STTH10LCD06FP 600V TO-220FPAC
HS9801	Q90T0236002A0000HG	HEAT SINK
	705TXE93124	BD9902 ASS"Y
BD9902	093G 50460937	BRIDGE TS10B06G-06-X0 10A 800V KBJ
	0M1G1730 8120	SCREW
BD9902	393G0050460A06	BRIDGE TS10K80-02 10A 800V KBJ
HS9901	Q90T0222007A0000HG	HEAT SINK
IC9305	056G 158501	IC AS431AN-E1 SOT23
IC9101	056G 379211	AC/DC SSC9522S-TL SOP-18
Q9103	057G 417517 HF	SMALLTRAN LMBT3906LT1G-HF SOT-23
Q9104	057G 417518 HF	SMALLTRAN LMBT3904LT1G-HF SOT-23
R9802	061G0805100 JF	RST CHIPR 10 OHM +-5% 1/8W FENGHUA
R9311	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN
R9109	061G0805100 JT	RST CHIP 10R 1/8W 5% TZAI YUAN
R9133	061G08051001FT	RST CHIP 1K 1/8W 1%
R9332	061G08051001FT	RST CHIP 1K 1/8W 1%
R9137	061G08051001FT	RST CHIP 1K 1/8W 1%
R9156	061G08051002FT	RST CHIP 10K 1/8W 1%
R9152	061G08051002FT	RST CHIP 10K 1/8W 1%
R9150	061G08051009FT	RST CHIP R 10OHMM +/-1% 1/8W
R9151	061G08051009FT	RST CHIP R 10OHMM +/-1% 1/8W
R9810	061G0805102 JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA
R9134	061G0805102 JT	RST CHIPR 1K OHM +-5% 1/8W TZAI YUAN
R9806	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R9813	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R9119	061G0805103 JT	RST 0805 10K 5% 1/8W
R9314	061G0805103 JT	RST 0805 10K 5% 1/8W
R9341	061G08051200FT	RST CHIP 120R 1/8W 1%
R9327	061G08051501FT	RST CHIPR 1K5 +-1% 1/8W TZAI YUAN
R9103	061G08051600FT	RST 0805 160R 1% 1/8W TZAI YUAN
R9116	061G08051802FY	RST CHIP 18K 1/8W 1%
R9811	061G08051912FT	RST CHIPR 19K1 +-1% 1/8W TZAI YUAN
R9814	061G0805202 JF	RST CHIPR 2KOHMM +-5% 1/8W FENGHUA
R9128	061G0805202 JT	RST CHIP 2K 1/8W 5% TZAI YUAN
R9136	061G0805202 JT	RST CHIP 2K 1/8W 5% TZAI YUAN
R9340	061G08052201FT	CHIP 2K2 1/8W 1%
R9127	061G08052202FT	RST CHIP 22K 1/8W 1%
R9112	061G0805229 JF	RST CHIPR 2R2 +-5% 1/8W FENGHUA
R9120	061G0805242 JF	RST CHIPR 2.4KOHMM +-5% 1/8W FENGHUA
R9163	061G08052431FT	RST CHIP 2K43 1/8W 1%
R9122	061G08052491FT	RST CHIP 2K49 1/8W 1%
R9803	061G0805330 JT	RST CHIP 33R 1/8W 5% TZAI YUAN
R9148	061G08053602FT	RST CHIP 36K 1/8W 1%
R9812	061G0805363 JF	ST CHIPR 36KOHMM +-5% 1/8W FENGHUA
R9117	061G0805471 JT	RST CHIPR 470OHMM +-5% 1/8W TZAI YUAN
R9328	061G0805472 JT	RST CHIPR 4K7 +-5% 1/8W TZAI YUAN

R9130	061G0805514 JF	ST CHIPR 510KOHM +-5% 1/8W FENGHUA
R9118	061G08056201FT	RST CHIPR 6.2KOHM +-1% 1/8W TZAI YUAN
R9312	061G08056209FT	RST 0805 62R 1% 1/8W
R9154	061G0805820 JY	RST CHIP R 820HM 1/8W +/-5% YAGEO
R9149	061G0805820 JY	RST CHIP R 820HM 1/8W +/-5% YAGEO
R9329	061G08059101FT	RST CHIP 9K1 1/8W 1%
JR905	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN
JR903	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
JR906	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN
JR901	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN
R9308	061G1206100 JT	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN
R9804	061G12061004FF E	RST CHIP 1M 1% 1/4W 500V FENGHUA
R9809	061G12061004FF E	RST CHIP 1M 1% 1/4W 500V FENGHUA
R9807	061G12061004FF E	RST CHIP 1M 1% 1/4W 500V FENGHUA
R9131	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN
R9132	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN
R9101	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN
R9129	061G1206102 JF	RST CHIPR 1KOHM +-5% 1/4W FENGHUA
R9324	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN
R9102	061G1206103 JT	RST CHIPR 10KOHM +-5% 1/4W TZAI YUAN
R9138	061G1206104 JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN
R9901	061G1206105 JT	RST CHIPR 1MOHM +-5% 1/4W TZAI YUAN
R9906	061G1206105 JT	RST CHIPR 1MOHM +-5% 1/4W TZAI YUAN
R9309	061G1206109 JT	RST CHIPR 1 OHM +-5% 1/4W TZAI YUAN
R9115	061G12061504FT	RST CHIP 1M5 1/4W 1%
R9113	061G12061504FT	RST CHIP 1M5 1/4W 1%
R9114	061G12061504FT	RST CHIP 1M5 1/4W 1%
R9316	061G1206201 JT	RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN
R9320	061G1206201 JT	RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN
R9322	061G1206201 JT	RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN
R9319	061G1206201 JT	RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN
R9323	061G1206201 JT	RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN
R9315	061G1206201 JT	RST CHIPR 200 OHM +-5% 1/4W TZAI YUAN
R9805	061G1206203 JF	RST CHIPR 20KOHM +-5% 1/4W FENGHUA
R9305	061G12062202FT	RST 1206 22K 1% 1/4W TZAI YUAN
R9139	061G1206333 JF	RST CHIPR 33KOHM +-5% 1/4W FENGHUA
R9142	061G1206333 JF	RST CHIPR 33KOHM +-5% 1/4W FENGHUA
R9143	061G1206333 JF	RST CHIPR 33KOHM +-5% 1/4W FENGHUA
R9141	061G1206333 JF	RST CHIPR 33KOHM +-5% 1/4W FENGHUA
R9318	061G1206471 JT	ST CHIPR 470 OHM +-5% 1/4W TZAI YUAN
R9303	061G1206479 JT	RST 1206 4.7R 5% 1/4W
R9310	061G1206512 JT	RST CHIPR 5.1 KOHM +-5% 1/4W TZAI YUAN
R9325	061G1206512 JT	RST CHIPR 5.1 KOHM +-5% 1/4W TZAI YUAN
R9902	061G1206514 JF E	RST CHIP 510K 5% 1/4W 500V FENGHUA
R9904	061G1206514 JF E	RST CHIP 510K 5% 1/4W 500V FENGHUA
R9903	061G1206514 JF E	RST CHIP 510K 5% 1/4W 500V FENGHUA
R9905	061G1206514 JF E	RST CHIP 510K 5% 1/4W 500V FENGHUA
R9105	061G1206561 JT	RST CHIPR 560 OHM +-5% 1/4W TZAI YUAN
C9315	065G080510131J Y	CAP CHIP 0805 100P 50V NP0 +/-5%
C9316	065G080510131J Y	CAP CHIP 0805 100P 50V NP0 +/-5%
C9102	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%
C9322	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%

C9323	065G080510232K	Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C9101	065G080510232K	Y	CAP CHIP 0805 1N 50V X7R +/-10%	
C9143	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9113	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9320	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9318	065G080510432K	F	CAP CHIP 0805 0.1UF K 50V X7R	
C9128	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9119	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9137	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9123	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9108	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9144	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9302	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9135	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9806	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9314	065G080510432K	Y	CAP CHIP 0805 100N 50V X7R +/-10%	
C9141	065G080510532K	M	CAP 0805 1UF 10% 50V X7R	
C9312	065G080510532K	M	CAP 0805 1UF 10% 50V X7R	
C9313	065G080510532K	M	CAP 0805 1UF 10% 50V X7R	
C9145	065G080510532K	M	CAP 0805 1UF 10% 50V X7R	
C9337	065G080510532K	M	CAP 0805 1UF 10% 50V X7R	
C9134	065G080510532K	M	CAP 0805 1UF 10% 50V X7R	
C9134	065G080510532K	T	CAP 0805 1UF 10% 50V X7R	
C9337	065G080510532K	T	CAP 0805 1UF 10% 50V X7R	
C9145	065G080510532K	T	CAP 0805 1UF 10% 50V X7R	
C9313	065G080510532K	T	CAP 0805 1UF 10% 50V X7R	
C9141	065G080510532K	T	CAP 0805 1UF 10% 50V X7R	
C9312	065G080510532K	T	CAP 0805 1UF 10% 50V X7R	
C9807	065G080522131J	F	CAP CHIP 0805 220PF J 50V NPO	
C9109	065G080522131J	F	CAP CHIP 0805 220PF J 50V NPO	
C9130	065G080522432K	T	CAP 0805 220NF 10% 50V X7R UMK212 B7224	
C9129	065G080522432K	T	CAP 0805 220NF 10% 50V X7R UMK212 B7224	
C9116	065G080522432K	T	CAP 0805 220NF 10% 50V X7R UMK212 B7224	
C9138	065G080522432K	T	CAP 0805 220NF 10% 50V X7R UMK212 B7224	
C9133	065G080522432K	T	CAP 0805 220NF 10% 50V X7R UMK212 B7224	
C9132	065G080522432K	T	CAP 0805 220NF 10% 50V X7R UMK212 B7224	
C9329	065G080522432K	Y	CAP CHIP 0805 220N 50V X7R +/-10%	
C9804	065G080547031J	Y	AP CHIP 0805 47P 50V NP0 +/-5%	
C9808	065G080547031J	Y	AP CHIP 0805 47P 50V NP0 +/-5%	
C9106	065G080547031J	Y	AP CHIP 0805 47P 50V NP0 +/-5%	
C9324	065G080547131J	Y	CAP CHIP 0805 470P 50V NPO +/-5%	
C9326	065G080547232K	A	CAP 0805 4.7NF 10% 50V X7R	
C9809	065G080547332K	Y	CAP CHIP 0805 47N 50V X7R +/-10%	
C9810	065G080547432K	T	CAP CHIP 0805 0.47UF K 50V X7R	
C9142	065G0805475A2K	T	CAP CHIP 0805 4.7UF K 10V X7R	
C9139	065G080556131J	Y	CAP CHIP 0805 560P 50V NP0 +/-5%	
D9803	093G 60S 15	T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9304	093G 60S 15	T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9302	093G 60S 15	T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9114	093G 60S 15	T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9110	093G 60S 15	T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
D9113	093G 60S 15	T	SCHOTTKY RB160M 60 TR 1A 60V SOD-123	
IC9305	356G01585020HF		SHUNT REGU TL431G-AE2-R SOT23-3	
IC9801	356G0379008218		PFC LD7591T GS SOP-8	

IC9301	356G0379213	AC/DC SSC2S110 SOP-8
IC9302	356GD563008152000Z	DC/DC SP6018S8RGB 1A 16V SOP-8
Q9101	357G0761A0100T	SMALLTRAN BTC4672M3 5A 50V 0.6W SOT-89
Q9102	357G07630620HF	HF MOSFET 2N7002K_R1_00001 0.3A 60V
D9109	393G006432S0HF	SWITCHING 1N4148W 0.15A 75V SOD-123
ZD9101	393G039S63600T	ZENER BZT52-B15G 15 0.5 SOD-123
ZD9107	393G039SA1200T	ZENER BZT52-B22 22V 0.41W SOD-123 150C
ZD9106	393G039SA1200T	ZENER BZT52-B22 22V 0.41W SOD-123 150C
ZD9301	393G039SA1300T	ZENER BZT52-B39_R1_00001 39V 0.41W
ZD9302	393G039SA1300T	ZENER BZT52-B39_R1_00001 39V 0.41W
ZD9105	393G039SA2800T	ZENER BZT52-B36 36V -- --
ZD9103	393G039SA2800T	ZENER BZT52-B36 36V -- --
ZD9101	393G039SA2900T	ZENER BZT52-B15 15V 0.41 SOD-123
D9114	393G060S50000T00HF	HF SS1060FL_R1_00001 1A 60V SOD123FL
D9302	393G060S50000T00HF	HF SS1060FL_R1_00001 1A 60V SOD123FL
D9110	393G060S50000T00HF	HF SS1060FL_R1_00001 1A 60V SOD123FL
D9113	393G060S50000T00HF	HF SS1060FL_R1_00001 1A 60V SOD123FL
D9304	393G060S50000T00HF	HF SS1060FL_R1_00001 1A 60V SOD123FL
D9803	393G060S50000T00HF	HF SS1060FL_R1_00001 1A 60V SOD123FL
D9307	393G060SA0700T	SCHOTTKY MB810 8A 100V SMC
D9109	393G064SA0500T	SWITCHING L1N4148WT1G 0.15A 75V SOD-123
T9301	006G 31 4	1.7MM RIVET
CN9901	006G 31500	EYELET
T9101	006G 31500	EYELET
L9902	006G 31502	EYELET
NR9902	006G 31502	EYELET
L9901	006G 31502	EYELET
NR9901	006G 31502	EYELET
IC9103	056G 158 10 T	DC/DC AS431AZTR-E1 150MA 40V TO-92
R9301	061G 1SJ10852T SY	RST WD 0.1R 5% 1W
C9110	065G 1K101 2T6921	CAP CER 100PF 1KV K Y5P
C9817	065G 1K10193T	CAP CER 100PF 10% 1KV R
C9303	065G 1K22293S	CAP CER 2.2NF 10% 1KV R TAPING
C9802	065G 1M10333S	CAP CER 10NF 20% 1KV Y5U
C9120	065G 1M10333S	CAP CER 10NF 20% 1KV Y5U
C9301	065G 1M10333S	CAP CER 10NF 20% 1KV Y5U
C9301	065G 1M1033WS	CAP CER 10NF 20% 1KV Y5U
C9120	065G 1M1033WS	CAP CER 10NF 20% 1KV Y5U
C9802	065G 1M1033WS	CAP CER 10NF 20% 1KV Y5U
C9902	065G306K1012WR	CAP Y1 100PF 10% 250V Y5P CT7-Y1-250V-06
C9908	065G306K22123R	CAP Y1 220PF 10% 250V Y5P
C9908	065G306K2212WR	CAP Y1 220PF 10% 250V Y5P CT7-Y1-250V-06
C9325	065G306M10233R	CAP Y1 1NF 20% 250V Y5U
C9325	065G306M1023WR	CAP Y1 1NF 20% 250V Y5U
C9122	067G 3151007HB A	EC 10UF 20% 50V 6.3*7 3000 HR
C9122	067G 3151007KB A	EC 10UF 20% 50V 6.3*7 3000 HR
C9319	067G 3154707HT	EC 47UF 20% 50V
C9319	067G 3154707KT	EC 47UF 20% 50V ER1H470MPN1007RU
C9117	067G 5154709HT	EC 47UF 20% 100V 10*12
C9121	067G 5154709HT	EC 47UF 20% 100V 10*12
C9127	067G 5154709HT	EC 47UF 20% 100V 10*12
C9131	067G 5154709HT	EC 47UF 20% 100V 10*12
C9114	067G 5154709HT	EC 47UF 20% 100V 10*12
C9121	067G 5154709KT	EC 47UF 20% 100V 10*12

C9127	067G 5154709KT	EC 47UF 20% 100V 10*12
C9114	067G 5154709KT	EC 47UF 20% 100V 10*12
C9131	067G 5154709KT	EC 47UF 20% 100V 10*12
C9117	067G 5154709KT	EC 47UF 20% 100V 10*12
C9309	067G 5154714KT	EC 470UF 20% 25V 10*12 5000 HR 1.33A -
C9306	067G 5154714KT	EC 470UF 20% 25V 10*12 5000 HR 1.33A -
C9307	067G 5154714KT	EC 470UF 20% 25V 10*12 5000 HR 1.33A -
C9304	067G 5154714KT	EC 470UF 20% 25V 10*12 5000 HR 1.33A -
C9308	067G 5154714KT	EC 470UF 20% 25V 10*12 5000 HR 1.33A -
C9310	067G 5154714KT	EC 470UF 20% 25V 10*12 5000 HR 1.33A -
C9124	067G315M2207HB	EC 22UF 20% 50V 6.3*7 3000 HR
C9805	067G315M2207HB	EC 22UF 20% 50V 6.3*7 3000 HR
C9805	067G315M2207KB	EC 22UF 20% 50V 6.3*7 3000 HR
C9124	067G315M2207KB	EC 22UF 20% 50V 6.3*7 3000 HR
FB9904	071G 55 23	BEAD 3.5*7.5*0.8 100R 25% GBQM4.777.571
FB9301	071G 55 23	BEAD 3.5*7.5*0.8 100R 25% GBQM4.777.571
FB9302	071G 55 23	BEAD 3.5*7.5*0.8 100R 25% GBQM4.777.571
FB9102	071G 55 23	BEAD 3.5*7.5*0.8 100R 25% GBQM4.777.571
FB9904	071G 55 23 S	FERRITE BEAD LB 3.5*0.8*7.5A
FB9301	071G 55 23 S	FERRITE BEAD LB 3.5*0.8*7.5A
FB9302	071G 55 23 S	FERRITE BEAD LB 3.5*0.8*7.5A
FB9102	071G 55 23 S	FERRITE BEAD LB 3.5*0.8*7.5A
FB9802	071G 55 26 H	BEAD 3.5*6.0*0.8 127R 25% BF-I35060R-796
FB9803	071G 55 26 H	BEAD 3.5*6.0*0.8 127R 25% BF-I35060R-796
FB9802	071G 55 26 S	BEAD 3.5*6 127R 25% LB3.5*0.8*6-2
FB9803	071G 55 26 S	BEAD 3.5*6 127R 25% LB3.5*0.8*6-2
D9102	093G 52908	RECTIFIER UF4007 A0 1 1000 DO-41
D9303	093G 52916	RECTIFIER PG1010R 1A 1000V DO-41
D9303	093G 60953	SCHOTTKY FR107G-A0 1A 1000V DO-41
ZD9102	093G 39G 5	ZENER MTZJ15B 15V 0.5W DO-35
ZD9102	093G 39G 7	ZENER GDZJ15B 15 0.5 DO-35
D9301	093G1080 252T	RECTIFIER SARS01-V1 1.2A 800V DO-41
D9102	093G1100A0152T	RECTIFIER UF1010G 1A 1000V DO-41
J922	095G 90 23	JUMP WIRE --
J932	095G 90 23	JUMP WIRE --
J920	095G 90 23	JUMP WIRE --
J930	095G 90 23	JUMP WIRE --
J908	095G 90 23	JUMP WIRE --
J919	095G 90 23	JUMP WIRE --
J931	095G 90 23	JUMP WIRE --
FB9903	095G 90 23	JUMP WIRE --
J902	095G 90 23	JUMP WIRE --
J904	095G 90 23	JUMP WIRE --
J911	095G 90 23	JUMP WIRE --
J917	095G 90 23	JUMP WIRE --
J921	095G 90 23	JUMP WIRE --
J901	095G 90 23	JUMP WIRE --
J928	095G 90 23	JUMP WIRE --
J915	095G 90 23	JUMP WIRE --
J909	095G 90 23	JUMP WIRE --
J927	095G 90 23	JUMP WIRE --
J914	095G 90 23	JUMP WIRE --
J925	095G 90 23	JUMP WIRE --
J929	095G 90 23	JUMP WIRE --

J903	095G 90 23	JUMP WIRE --
J913	095G 90 23	JUMP WIRE --
J907	095G 90 23	JUMP WIRE --
J926	095G 90 23	JUMP WIRE --
J924	095G 90 23	JUMP WIRE --
J933	095G 90 23	JUMP WIRE --
J906	095G 90 23	JUMP WIRE --
J923	095G 90 23	JUMP WIRE --
IC9103	356G015801300T00HF	SHUNT REGU TL431G-T92-B TO-92
R9301	361G01SJ10852T00TZ	RST WD 0.1R 5% 1W NKNP1WS0R1JT52E8
R9306	361G152M22052T00TZ	RST MOF 22R 5% 2W MOF2WS22RJT52
R9306	361G152M22052T00YG	RST MOF 22R 5% 2W RSF2VSJT-52-22R
R9302	361G152M82352T00TZ	RST MOF 82K 5% 2W MOF2WS82KJT52
R9302	361G152M82352T00YG	RST MOF 82K 5% 2W RSF2VSJT-52-82K
R9321	361G2SWJ36852T00SY	RST NWR 0.36OHM 5% 2W NWS02JR360A520NH
C9140	365G001D5096WT	CAP CER 5PF 0.5PF 1KV SL CC81-1KV-06D-S
C9904	365G306J47063R	CAP Y1 47PF 5% 250V SL CD45SL2GA470JDSKA
C9904	365G306J4706PR	CAP Y1 47PF 5% 250V SL SL0AH470J07SXAMS
E715	715G6607P01002002M	POWER BOARD PCB
	Z40G0002ALL01A	OTHER LABEL
C778	067G 5154713LV	EC 470UF 20% 16V 8*9 6000 HR
C602	067G 5154713LV	EC 470UF 20% 16V 8*9 6000 HR
CN111	088G 78G155ACL	RCA JACK R/A 13P G/BL/R/W/R 1*5 H=10.5
CN102	088G302G3G2ACL	PHONE JACK R/A 3P GREEN H=10MM
CN602	088G302G7B1ACL	PHONE JACK R/A 7P BLACK H=10.5
CN101	088G353GFF1AXH	D-SUB CONN 15P BLUE - R/A 10
CN601	311GW200A04ABL	CONN 2.0MM 4P R/A B2009W04HTK0
CN401	311GW200C10AAL	WAFER 2.0MM 10P
CN701	311GW200C12BBX	CONN 2.0MM 12P R/A W2010-12RVA-S04
CN408	311GW200C30AAL00HF	WAFER 2.0MM 30P V/T B2000W30VTKB-HF
CN604	388G078G111ACL	RCA R/A 3P 1*1 ORANGE 10.5
CN103	388G352F6B3AXH	USB A TYPE R/A 6P 1*1 BLACK 8.4
FCN101	388G510F501AHC	RF R/A 5P 1*1 - 9.3MM
	709T66890XM001	COMSUMPTIVE ASSY
	055G 23524	WELDING FLUX WITHOUT PB
	Q49G 51100	CLEANER
	Q55G 100625	TIN STICK_LOW ARGENTUM
HS601	Q90G0198 1	HEAT SINK
U706	056G 563153 HF	LDO AP1117DG-13 1A ADJ TO252-3L
U705	056G 563344	DC/DC AT1529F11U 3.2A SOP-8
U701	056G 585 4A	LDO AP1117E33G-13 1A 3.3V SOT-223
U101	056G 585 4A	LDO AP1117E33G-13 1A 3.3V SOT-223
U410	056G 643 5B	IC G690H293T73UF SOT-23 GMT
Q706	057G 417511	MMBT3904
Q701	057G 417511	MMBT3904
Q703	057G 417511	MMBT3904
Q601	057G 417511	MMBT3904
Q102	057G 417511	MMBT3904
Q705	057G 417511	MMBT3904
Q605	057G 417512	MMBT3906
Q104	057G 417512	MMBT3906
Q103	057G 417512	MMBT3906
Q604	057G 417512	MMBT3906
Q101	057G 763940	MOSFET AO3401A SOT-23

Q702	057G 763940	MOSFET AO3401A SOT-23
TH101	061G 56A075 LT HF	SMD PTC 0.75A 1206L075THYR
R518	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
R182	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
R631	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
FB603	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
FB602	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
R755	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
FB401	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
R628	061G0402000 JT	RST 0402 0.05R MAX 1/16W -
R731	061G0402100 JT	RST CHIP 10R 1/16W 5% TZAI YUAN
R169	061G0402100FT	RST CHIP 100R 1/16W 1%
R170	061G0402100FT	RST CHIP 100R 1/16W 1%
R630	061G04021002FF	RST CHIPR 10KOHM +-1% 1/16W FENGHUA
R627	061G04021002FF	RST CHIPR 10KOHM +-1% 1/16W FENGHUA
R163	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN
R629	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN
R162	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN
R626	061G04021002FT	RST CHIPR 10K +-1% 1/16W TZAI YUAN
R126	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R494	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R121	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R701	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R168	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R119	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R124	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R422	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R625	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R702	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R106	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R122	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R123	061G0402101 JT	RST CHIP 100R 1/16W 5% TZAI YUAN
R515	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN
R717	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN
R165	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN
R179	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN
R737	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN
R506	061G0402102 JT	RST CHIP 1K 1/16W 5% TZAI YUAN
R156	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R418	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R143	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R109	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R620	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R508	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R606	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R529	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R111	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R160	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R530	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R507	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R145	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R633	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R605	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R621	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN

R624	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R501	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R159	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R632	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R161	061G0402103 JT	RST CHIP 10K 1/16W 5% TZAI YUAN
R634	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN
R427	061G0402104 JT	RST CHIP 100K 1/16W 5% TZAI YUAN
R439	061G0402105 JT	RST CHIP R 1MOHM 1/16W +/-5% TZAI YUAN
R167	061G0402122 JT	RST CHIPR 1K2 +-5% 1/16W TZAI YUAN
R180	061G0402122 JT	RST CHIPR 1K2 +-5% 1/16W TZAI YUAN
R146	061G0402123 JT	RST CHIPR 12KOHM +-5% 1/16W TZAI YUAN
R113	061G0402123 JT	RST CHIPR 12KOHM +-5% 1/16W TZAI YUAN
R147	061G0402123 JT	RST CHIPR 12KOHM +-5% 1/16W TZAI YUAN
R114	061G0402123 JT	RST CHIPR 12KOHM +-5% 1/16W TZAI YUAN
R102	061G0402151 JT	RST CHIP R 150OHM 1/16W +/-5% TZAI YUAN
R153	061G0402154 JF	RST CHIP 150K 1/16W 5% FENGHUA
R118	061G0402181 JF	RST CHIP 180R 1/16W 5% FENGHUA
R103	061G0402181 JF	RST CHIP 180R 1/16W 5% FENGHUA
R617	061G04021822FF	RST CHIPR 18.2KOHM +-1% 1/16W FENGHUA
R514	061G0402201 JT	RST CHIP 200R 1/16W 5% TZAI YUAN
R492	061G0402204 JT	RST 0402 200K 5% 1/16W TZAI YUAN
R493	061G0402204 JT	RST 0402 200K 5% 1/16W TZAI YUAN
R149	061G0402222 JY	RST 0402 2.2K 5% 1/16W RC0402JR-072K2L
R144	061G0402222 JY	RST 0402 2.2K 5% 1/16W RC0402JR-072K2L
R540	061G04022401FT	RST CHIP 2.4K 1% 1/16W
R539	061G04022401FT	RST CHIP 2.4K 1% 1/16W
R767	061G04022402FT	RST 0402 24K 1% 1/16W TZAI YUAN
R164	061G04023002FT	RST 0402 30K 1% 1/16W
R757	061G0402302 JF	RST 0402 3K 5% 1/16W
R706	061G0402302 JT	RST 0402 3K 5% 1/16W
R116	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R104	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R511	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R533	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R129	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R532	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R510	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R610	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R618	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R136	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R105	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R612	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R110	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R616	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R517	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R134	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R614	061G0402330 JT	RST CHIP 33R 1/16W 5% TZAI YUAN
R608	061G04024700FT	RST CHIP 470R 1/16W 1%
R607	061G04024700FT	RST CHIP 470R 1/16W 1%
R155	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R131	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R707	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R726	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R449	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN

R722	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R443	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R101	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R417	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R730	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R132	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R442	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R512	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R609	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R547	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R177	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R742	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R450	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R708	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R709	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R753	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R546	061G0402472 JT	RST CHIP 4K7 1/16W 5% TZAI YUAN
R704	061G0402473 JT	RST CHIP 47K 1/16W 5% TZAI YUAN
R150	061G0402473 JT	RST CHIP 47K 1/16W 5% TZAI YUAN
R183	061G04025103FF	RST 0402 510K 1% 1/16W FENGHUA
R157	061G0402569 JT	RST CHIP 5R6 1/16W 5% TZAI YUAN
R158	061G0402569 JT	RST CHIP 5R6 1/16W 5% TZAI YUAN
R133	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN
R108	061G0402680 JT	RST CHIP 68R 1/16W 5% TZAI YUAN
R115	061G04027509FT	RST CHIP 75R 1/16W 1%
R135	061G04027509FT	RST CHIP 75R 1/16W 1%
R130	061G04027509FT	RST CHIP 75R 1/16W 1%
R107	061G04027509FT	RST CHIP 75R 1/16W 1%
R112	061G04027509FT	RST CHIP 75R 1/16W 1%
R139	061G04027509FT	RST CHIP 75R 1/16W 1%
R705	061G0402752 JT	ST CHIP 7K5 1/16W 5% TZAI YUAN
R743	061G0402822 JY	RST CHIPR 8.2KOHM +-5% 1/16W YAGEO
R185	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN
R184	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN
R562	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN
R564	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN
R750	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN
R758	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN
R763	061G06031002FT	RST CHIP 10K 1/10W 1%
R744	061G06031100FT	RST CHIP 110R 1/10W 1%
R732	061G06031502FT	RST CHIP 15K 1/10W 1%
R602	061G06031809FY	RST CHIP 18R 1/10W 1%
R604	061G06031809FY	RST CHIP 18R 1/10W 1%
R603	061G06031809FY	RST CHIP 18R 1/10W 1%
R601	061G06031809FY	RST CHIP 18R 1/10W 1%
R745	061G06034879FF	RST CHIPR 48.7 OHM +-1% 1/10W FENGHUA
R761	061G06035362FT	RST CHIP 53K6 1/10W 1%
R729	061G06037501FT	RST CHIP 7K5 1/10W 1%
R173	061G0805000 JT	RST 0805 0.05R MAX 1/8W
R176	061G1206102 JT	RST CHIPR 1KOHM +-5% 1/4W TZAI YUAN
C710	065G040210131J F	CAP 0402 100PF 5% 50V NP0
C701	065G040210131J F	CAP 0402 100PF 5% 50V NP0
C704	065G040210131J F	CAP 0402 100PF 5% 50V NP0
C749	065G040210131J F	CAP 0402 100PF 5% 50V NP0

C632	065G040210131J	F	CAP 0402 100PF 5% 50V NP0
C643	065G040210131J	F	CAP 0402 100PF 5% 50V NP0
C650	065G040210131J	F	CAP 0402 100PF 5% 50V NP0
C649	065G040210131J	F	CAP 0402 100PF 5% 50V NP0
C646	065G040210131J	F	CAP 0402 100PF 5% 50V NP0
C156	065G040210131J	F	CAP 0402 100PF 5% 50V NP0
C160	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C702	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C432	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C431	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C133	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C104	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C161	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C628	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C159	065G040210232K	F	CAP 0402 1NF 10% 50V X7R
C166	065G040210332K	Y	CAP CHIP 0402 10N 50V X7R +/-10%
C434	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C411	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C429	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C426	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C623	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C627	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C155	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C601	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C171	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C404	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C135	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C122	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C433	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C402	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C715	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C418	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C170	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C148	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C154	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C748	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C417	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C163	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C604	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C753	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C742	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C427	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C403	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C622	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C147	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C409	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C428	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C413	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C719	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C743	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C153	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C736	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C776	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C415	065G040210412K	F	CAP 0402 100NF 10% 16V X7R

C167	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C425	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C636	065G040210412K	F	CAP 0402 100NF 10% 16V X7R
C637	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C624	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C424	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C420	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C114	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C617	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C152	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C767	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C620	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C430	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C151	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C423	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C712	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C123	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C421	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C416	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C419	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C144	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C501	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C626	065G0402105A5K	A	CAP CHIP 0402 1UF K 10V X5R
C772	065G040215232K	F	CAP 0402 1.5NF K 50V X7R
C638	065G040222031J	F	CAP 0402 22PF 5% 50V NPO
C642	065G040222031J	F	CAP 0402 22PF 5% 50V NPO
C641	065G040222031J	F	CAP 0402 22PF 5% 50V NPO
C634	065G040222031J	F	CAP 0402 22PF 5% 50V NPO
C640	065G040222031J	F	CAP 0402 22PF 5% 50V NPO
C621	065G040222232K	F	CAP 0402 2.2NF K 50V X7R
C172	065G040222232K	F	CAP 0402 2.2NF K 50V X7R
C406	065G040227031J	F	CAP 0402 27PF 5% 50V NPO
C407	065G040227031J	F	CAP 0402 27PF 5% 50V NPO
C618	065G040233131J	A	MLCC 0402 330PF 50V NPO +-5%
C613	065G040233131J	A	MLCC 0402 330PF 50V NPO +-5%
C605	065G040233131J	A	MLCC 0402 330PF 50V NPO +-5%
C610	065G040233131J	A	MLCC 0402 330PF 50V NPO +-5%
C142	065G040233232K	F	CAP 0402 3.3NF 10% 50V X7R
C101	065G040233232K	F	CAP 0402 3.3NF 10% 50V X7R
C143	065G040233232K	F	CAP 0402 3.3NF 10% 50V X7R
C110	065G040233232K	F	CAP 0402 3.3NF 10% 50V X7R
C608	065G040233312K	Y	CAP CHIP 0402 33NF K 16V X7R
C609	065G040233312K	Y	CAP CHIP 0402 33NF K 16V X7R
C616	065G040233312K	Y	CAP CHIP 0402 33NF K 16V X7R
C612	065G040233312K	Y	CAP CHIP 0402 33NF K 16V X7R
C126	065G040247031J	F	CAP 0402 47PF 5% 50V NPO
C127	065G040247031J	F	CAP 0402 47PF 5% 50V NPO
C633	065G040247232K	F	CAP 0402 4.7NF 10% 50V X7R -
C630	065G040247232K	F	CAP 0402 4.7NF 10% 50V X7R -
C173	065G040247232K	F	CAP 0402 4.7NF 10% 50V X7R -
C168	065G040247232K	F	CAP 0402 4.7NF 10% 50V X7R -
C108	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C629	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C105	065G040247312K	F	CAP 0402 47NF 10% 16V X7R

C134	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C631	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C103	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C137	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C136	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C102	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C107	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C139	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C112	065G040247312K	F	CAP 0402 47NF 10% 16V X7R
C503	065G040247931C	Y	CAP 0402 4.7PF 0.25PF 50V NPO
C711	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R
C705	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R
C708	065G060310432K	F	CAP CHIP 0603 0.1UF K 50V X7R
C651	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C408	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C706	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C725	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C410	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C414	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C422	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C121	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C412	065G060310605M	A	MLCC 0603 10UF 6.3V X5R +/-20%
C162	065G060310931C	Y	CAP CHIP 0603 1P 50V NPO +/-0.25PF
C644	065G0603225A5K	A	CAP 0603 2.2UF K 10V X5R
C645	065G0603225A5K	A	CAP 0603 2.2UF K 10V X5R
C157	065G060333131J	F	CAP CHIP 0603 330PF J 50V NPO
C607	065G060333412K	F	0603 0.33UF K 16V X7R
C619	065G060333412K	F	0603 0.33UF K 16V X7R
C611	065G060333412K	F	0603 0.33UF K 16V X7R
C615	065G060333412K	F	0603 0.33UF K 16V X7R
C145	065G060347412K	Y	CAP CHIP 0.47UF 16V +/-10% X7R
C150	065G0603475A5K	A	CAP 0603 4.7UF 10% 10V X5R CL10A475KP8NN
C508	065G0603475A5K	A	CAP 0603 4.7UF 10% 10V X5R CL10A475KP8NN
C507	065G0603475A5K	A	CAP 0603 4.7UF 10% 10V X5R CL10A475KP8NN
C750	065G0603475A5K	A	CAP 0603 4.7UF 10% 10V X5R CL10A475KP8NN
C639	065G0603475A5K	A	CAP 0603 4.7UF 10% 10V X5R CL10A475KP8NN
C744	065G0603475A5K	A	CAP 0603 4.7UF 10% 10V X5R CL10A475KP8NN
C169	065G060356931D	Y	CAP CHIP 0603 5P6 50V NPO +/-0.5PF
C158	065G080510615K	A	CAP 0805 10UF 10% 16V X5R
C120	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R
C739	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R
C717	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R
C771	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R
C724	065G0805106A5K	A	CAP 0805 10UF 10% 10V X5R
C734	065G080522605M	A	CAP 0805 22UF 20% 6.3V X5R
C751	065G120610625K	A	CAP 1206 10UF 10% 25V X5R
C756	067G311R1013LT		EC SMD 100UF 20% 16V 6.3*5.3
C174	067G311R1013LT		EC SMD 100UF 20% 16V 6.3*5.3
HDCP-U403	070GHDCP500HDC		HDCP CODE
FB604	071G 59G301 TA		CHIP BEAD 300OHM 200MA FCM1608KF-301T02
FB605	071G 59G301 TA		CHIP BEAD 300OHM 200MA FCM1608KF-301T02
FB101	071G 59S102 M		CHIP BEAD 0603 1000OHM MICROGATE
L602	073G253S 81 M		SMD CHOKE 10UH 20% 2.5A 0.047R MPIT6045
L603	073G253S 81 M		SMD CHOKE 10UH 20% 2.5A 0.047R MPIT6045

L601	073G253S 81 M	SMD CHOKE 10UH 20% 2.5A 0.047R MPIT6045
L604	073G253S 81 M	SMD CHOKE 10UH 20% 2.5A 0.047R MPIT6045
L703	073G253S 87 H	SMD CHOKE 10UH 20% 0.0327R 3.9A
CN506	088G 34019K AD	HDMI HEADER 19P H:2.8MM
CN507	088G 34019K AD	HDMI HEADER 19P H:2.8MM
CN507	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4
CN506	088G 34019K AV	HDMI HEADER R/A 19P BLACK H=8.4
ZD507	093G 60515 L	SCHOTTKY LBAT54CLT1G 0.2A 30V SOT-23
D102	093G 64 33	SWITCHING BAV99 0.2A 85V SOT-23
D601	093G 6432P	LL4148
X401	093G 22SX02 J	CRYSTAL NXE24.000AE18F-BK8 24M 20PPM 10P
ZD701	093G 39SA09 T	ZENER RLZ9V1B 9.01 MAX 0.5 LL-34
ZD120	093G 60S902 T	DIODE BAT54 SOT-23 PHILIPS
ZD601	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ
ZD602	093G 64S500 SU	ESD MLVG04025R0QV05BP INPAQ
U102	356G0566024600	SILICON TUNER MXL661-AG-R
U401	356G0568156607	SCALER MSD8120PBN-Z1 EPLQFP-156
U601	356G0616048168	AUDIO TAS5729MDDCAR 10W TSSOP-48
U403	356G2233073	FLASH W25Q64FVSSIG 64MB SOIC-8
U707	356GD563008139	DC/DC G5759F11U 4A 5V SOP-8(FD)
Q501	357G07630620HF	HF MOSFET 2N7002K_R1_00001 0.3A 60V
C606	365G060310535K000T	CAP 0603 1UF 10% 50V X5R
C614	365G060310535K000T	CAP 0603 1UF 10% 50V X5R
L105	373G0402277FJM	CHIP IND 27NH 5% 300MA 0.7OHM MGCI1005T
L103	373G0402277FJM	CHIP IND 27NH 5% 300MA 0.7OHM MGCI1005T
L104	373G0402826FJM	CHIP IND 8.2NH 5% 0.3A 0.35R MGCI1005T8
L701	373G253S198D00	SMD CHOKE 4.7UH 20% 3.3A 0.026R SWPG604
X102	393G022SA4800J	CRYSTAL NXE16.000AC20F-BK6 30 PPM 20PF
	709T66890XS001	COMSUMPTIVE ASSY
	Q52G170100700B00XW	MESH PRINTTING_PAPER
E715	715G6689M0B001004N	MAIN BOARD PCB
HS401	X85T804210100000LH	SHIELD_MAINBOARD
	IRPFEXA6	IR BOARD
CN0201	033G8032 5F S HR	CONNECTOR
Q002	057G 761516	SMALLTRAN BC847C 0.1 50 SOT-23
Q001	057G 761516	SMALLTRAN BC847C 0.1 50 SOT-23
R003	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA
R005	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA
R007	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA
R008	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA
R006	061G0402103 JF	RST CHIPR 10KOHM +-5% 1/16W FENGHUA
R005	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO
R003	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO
R006	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO
R008	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO
R007	061G0402103 JY	RST CHIPR 10KOHM +-5% 1/16W YAGEO
R002	061G0402331 JF	RST 0402 330R 5% 1/16W
R001	061G0402331 JF	RST 0402 330R 5% 1/16W
R002	061G0402331 JT	RST CHIP 330R 1/16W 5% TZAI YUAN
R001	061G0402331 JT	RST CHIP 330R 1/16W 5% TZAI YUAN
R004	061G0402470 JF	RST CHIPR 47 OHM 5% 1/16W FENGHUA
R004	061G0402470 JT	RST CHIP 47R 1/16W 5% TZAI YUAN
C0204	065G040210131J A	CAP CHIP 0402 100PF J 50V NPO
C0204	065G040210131J Y	CAP CHIP 0402 100P 50V NP0 +/-5%

C0201	065G040210412K A	CAP CHIP 0402 100NF K 16V X7R	
C0203	065G040210412K A	CAP CHIP 0402 100NF K 16V X7R	
C0202	065G040210412K A	CAP CHIP 0402 100NF K 16V X7R	
C0203	065G040210412K Y	CAP 0402 100NF 10% 16V X7R	
C0202	065G040210412K Y	CAP 0402 100NF 10% 16V X7R	
C0201	065G040210412K Y	CAP 0402 100NF 10% 16V X7R	
C0205	065G0603475A5K M	CAP 0603 4.7UF 10% 10V X5R GRM188R61A47	
C0205	065G0603475A5K T	CAP CHIP 0603 4.7UF K 10V X5R	
LED001	081G 14 24 GP	CHIP LED (BR) GPTD1210BRC-D	
U001	356GS927038001	IR RECEIVER TSOP75438TT 38KHZ	
E715	715G6638R01000004K	IR BOARD PCB	
	KEPFDAAM	KEY BOARD	
	Q40G000161520A	CARTON LABEL	
R02	061G0603000 JF	RST CHIPR MAX 0R05 1/10W FENGHUA	
R02	061G0603000 JT	RST CHIP MAX 0R05 1/10W TZAI YUAN	
R01	061G06031201FF	RST CHIPR 1.2KOHM +-1% 1/10W	
R01	061G06031201FT	RST CHIP 1K2 1/10W 1%	
R05	061G06031502FF	RST CHIPR 15KOHM +-1% 1/10W FENGHUA	
R05	061G06031502FT	RST CHIP 15K 1/10W 1%	
R04	061G06032201FT	RST CHIP 2K2 1/10W 1%	
R04	061G06032201FY	RST CHIP 2K2 1/10W 1%	
R03	061G06036801FF	RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	
R03	061G06036801FT	RST CHIP 6K8 1/10W 1%	
CN01	311GW125D02ADX	WAFER 1.25MM 2P R/A S1315-02RVB-S03-K	
SW01	377G060902B0CJ	CHIP TACT SW 6P 6MM 160G SMD	
SW01	377G060902B0HJ	CHIP TACT SW 6P 6MM 160G SMD	
	709T63160XS001	COMSUMPTIVE ASSY	
E715	715G6316K01000004I	KEY BOARD PCB	
E715	715G6316K01000004S	KEY BOARD PCB	2nd-source
	LNTVEJA65XXA2	CONVERTER BOARD	
	Z40G0002ALL01A	OTHER LABEL	
CN8102	033G380212B YH	WAFER 12P 2.0 DIP	
CN8101	033G380214B YH	WAFER 2.0MM 14P W2015-14RVA-S01	
R8116	361G3SWJ30759B00SY	RST WD 0.03R 5% 3W NWS03JR030C200NH	
C8112	367G215X121MKZ000S	EC 120UF 20% 220V 12.5*36 2000 HR 860MA	
C8108	367G215X121MKZ000S	EC 120UF 20% 220V 12.5*36 2000 HR 860MA	
C8125	367G215X121MKZ000S	EC 120UF 20% 220V 12.5*36 2000 HR 860MA	
L8101	373G0174307H00	BOOST CHOKE 90UH 10% 3A GL-13222 HA	
L8102	373G0253247X00	CHOKE COIL 3UH 15% DR8*8 5A	
	705TXD57025	Q8101/Q8102/D8102 ASS'Y	
D8102	093G 220 24	DIODE FMX-23S SANKEN	
	0M1G1730 8120	SCREW	
Q8102	357G0611500002	MOSFET AOTF22N50 22A 500V TO-220F	
HQ8101	Q90T0236 3	HEAT SINK	
R8205	061G1206513 JT	RST CHIPR 51 KOHM +-5% 1/4W TZAI YUAN	
R8318	061G12066201FT	RST 1206 6.2K 1% 1/4W	
FB8100	071G 55 29	FERRITE BEAD	
J8146	095G 90 23	JUMP WIRE --	
C8201	067G 5154709KT	EC 47UF 20% 100V 10*12	
E715	715G6140P03000002M	CONVERTER BOARD PCB	
C8204	067G 5154709KT	EC 47UF 20% 100V 10*12	
C8202	067G 5154709KT	EC 47UF 20% 100V 10*12	
C8203	067G 5154709KT	EC 47UF 20% 100V 10*12	
C8205	067G 5154709KT	EC 47UF 20% 100V 10*12	

C8206	067G 5154709KT	EC 47UF 20% 100V 10*12
C8127	067G 5151007KB	EC 10UF 20% 50V 5*11 EY
FOR L8101	006G 31502	EYELET
J8111	095G 90 23	JUMP WIRE --
J8135	095G 90 23	JUMP WIRE --
J8133	095G 90 23	JUMP WIRE --
J8113	095G 90 23	JUMP WIRE --
J8104	095G 90 23	JUMP WIRE --
J8150	095G 90 23	JUMP WIRE --
J8107	095G 90 23	JUMP WIRE --
J8134	095G 90 23	JUMP WIRE --
J8120	095G 90 23	JUMP WIRE --
J8145	095G 90 23	JUMP WIRE --
J8149	095G 90 23	JUMP WIRE --
J8143	095G 90 23	JUMP WIRE --
J8132	095G 90 23	JUMP WIRE --
J8119	095G 90 23	JUMP WIRE --
J8123	095G 90 23	JUMP WIRE --
J8136	095G 90 23	JUMP WIRE --
J8138	095G 90 23	JUMP WIRE --
J8116	095G 90 23	JUMP WIRE --
J8127	095G 90 23	JUMP WIRE --
J8137	095G 90 23	JUMP WIRE --
J8130	095G 90 23	JUMP WIRE --
J8144	095G 90 23	JUMP WIRE --
J8106	095G 90 23	JUMP WIRE --
J8115	095G 90 23	JUMP WIRE --
J8110	095G 90 23	JUMP WIRE --
J8117	095G 90 23	JUMP WIRE --
J8148	095G 90 23	JUMP WIRE --
J8153	095G 90 23	JUMP WIRE --
J8105	095G 90 23	JUMP WIRE --
J8118	095G 90 23	JUMP WIRE --
J8129	095G 90 23	JUMP WIRE --
J8108	095G 90 23	JUMP WIRE --
J8147	095G 90 23	JUMP WIRE --
J8128	095G 90 23	JUMP WIRE --
J8114	095G 90 23	JUMP WIRE --
J8121	095G 90 23	JUMP WIRE --
	040G 45762420A	LABEL 25X6MM
C8128	067G 5151007KB	EC 10UF 20% 50V 5*11 EY
J8109	095G 90 23	JUMP WIRE --
J8122	095G 90 23	JUMP WIRE --
J8131	095G 90 23	JUMP WIRE --
C8581	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8236	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8241	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8584	065G080547432K M	CAP 0805 470NF 10% 50V X7R
R8318	061G12066201FF	RST 1206 6.2K 1% 1/4W
C8382	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8236	065G080510432K T	0.1UF K 50V X7R TAIYO YUDEN
IC8302	356G0700008052	LED DRIVER PF7700A S SOP-8
C8236	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
Q8205	357G0600200019	MOSFET AOD450 3.8A 200V TO-252

Q8312	057G 417907 T	TRA PMBT3906 PNP -200MA/-40V SOT-23
C8241	065G080510432K T	0.1UF K 50V X7R TAIYO YUDEN
R8207	061G1206513 JT	RST CHIPR 51 KOHM +-5% 1/4W TZAI YUAN
C8241	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
JR8102	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN
R8581	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8482	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
Q8204	357G0600200019	MOSFET AOD450 3.8A 200V TO-252
C8481	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
IC8401	356G0700008052	LED DRIVER PF7700A S SOP-8
C8240	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%
R8123	061G0805103 JT	RST 0805 10K 5% 1/8W
C8101	065G120610272K Y	CAP 1206 1NF 10% 500V X7R
IC8502	356G0700008052	LED DRIVER PF7700A S SOP-8
IC8301	356G0700008052	LED DRIVER PF7700A S SOP-8
IC8202	356G0700008052	LED DRIVER PF7700A S SOP-8
ZD8101	393G039S96300T00HF	ZENER BZT52-B4V7 4.7V 410MW SOD-123
Q8203	357G0600200019	MOSFET AOD450 3.8A 200V TO-252
Q8201	357G0600200019	MOSFET AOD450 3.8A 200V TO-252
R8481	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8381	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8282	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8182	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8119	061G0805000 JT	RST 0805 0.05R MAX 1/8W
R8104	061G0805000 JT	RST 0805 0.05R MAX 1/8W
R8120	061G0805000 JT	RST 0805 0.05R MAX 1/8W
R8240	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN
R8241	061G0805101 JT	RST CHIP 100R 1/8W 5% TZAI YUAN
R8118	061G0805104 JT	RST CHIPR 100KOHM +- 5% 1/8W TZAI YUAN
R8209	061G08056802FT	RST CHIP R 68K 1/8W 1%
Q8103	057G 417526	SMALLTRAN MMBT3906 -0.2A -40V SOT-23
R8126	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA
R8138	061G0805302 JT	RST CHIP 3K 1/8W 5% TZAI YUAN
R8127	061G08053303FT	RST CHIP 330K 1% 1/8W
R8201	061G08058203FT	RST 0805 820K 1% 1/8W
R8203	061G08058203FT	RST 0805 820K 1% 1/8W
JR8103	061G1206102 JT	RST CHIPR 1KOHM +-5% 1/4W TZAI YUAN
R8317	061G12069101FT	RST 1206 9.1K 1% 1/4W TZAI YUAN
C8120	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%
C8383	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8283	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8184	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8384	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8484	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8582	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8182	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8482	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8103	065G120610272K Y	CAP 1206 1NF 10% 500V X7R
C8102	065G120610272K Y	CAP 1206 1NF 10% 500V X7R
R8204	061G08056802FT	RST CHIP R 68K 1/8W 1%
R8382	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8582	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8281	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT
R8181	361G08051402FT	RST 0805 14K 1% 1/8W SMD0805140KT

IC8113	056G 700 23	LED DRIVER PF7900S SOP-8
IC8101	356G0700008052	LED DRIVER PF7700A S SOP-8
IC8201	356G0700008052	LED DRIVER PF7700A S SOP-8
C8284	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8282	065G080547432K M	CAP 0805 470NF 10% 50V X7R
C8181	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8281	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8483	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8381	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8126	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%
C8237	065G080510232K Y	CAP CHIP 0805 1N 50V X7R +/-10%
R8206	061G1206513 JT	RST CHIPR 51 KOHM +-5% 1/4W TZAI YUAN
R8208	061G1206513 JT	RST CHIPR 51 KOHM +-5% 1/4W TZAI YUAN
R8202	061G08058203FT	RST 0805 820K 1% 1/8W
JR8105	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN
JR8104	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN
JR8101	061G1206000 JT	RST CHIPR MAX0R05 1/4W TZAI YUAN
R8236	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN
R8237	061G1206101 JT	RST CHIPR 100 OHM +-5% 1/4W TZAI YUAN
C8583	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8124	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8183	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
Q8202	357G0600200019	MOSFET AOD450 3.8A 200V TO-252
R8124	361G08051809FT	RST 0805 18 OHM 1% 1/8W SMD0805018RF
IC8402	356G0700008052	LED DRIVER PF7700A S SOP-8
IC8501	356G0700008052	LED DRIVER PF7700A S SOP-8
IC8102	356G0700008052	LED DRIVER PF7700A S SOP-8
ZD8211	393G039SA1200T	ZENER BZT52-B22 22V 0.41W SOD-123 150C
ZD8212	393G039SA1200T	ZENER BZT52-B22 22V 0.41W SOD-123 150C
ZD8214	393G039S95100T00HF	ZENER BZT52-B5V1_R1_00001 5.1V 0.41W SOD
C8123	065G080510432K Y	CAP CHIP 0805 100N 50V X7R +/-10%
C8381	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8483	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8281	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8181	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8282	065G080547432K F	0805 0.47UF K 50V X7R
C8284	065G080547432K F	0805 0.47UF K 50V X7R
R8126	061G0805000 JT	RST 0805 0.05R MAX 1/8W
R8138	061G0805302 JF	RST CHIPR 3KOHM +-5% 1/8W FENGHUA
R8127	061G08053303FY	RST CHIP 330K 1/8W 1%
R8201	061G08058203FI	RST 0805 820K 1% 1/8W
R8203	061G08058203FI	RST 0805 820K 1% 1/8W
JR8103	061G1206102 JY	RST CHIPR 1KOHM 5% 1/4W YAGEO
C8120	065G080510232K F	CAP 0805 1000PF 10% 50V X7R
C8383	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8283	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8184	065G080547432K F	0805 0.47UF K 50V X7R
C8126	065G080510232K F	CAP 0805 1000PF 10% 50V X7R
C8240	065G080510232K F	CAP 0805 1000PF 10% 50V X7R
C8481	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
R8482	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8581	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
JR8102	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA
R8207	061G1206513 JF	ST CHIPR 51KOHM +-5% 1/4W FENGHUA

R8205	061G1206513 JF	ST CHIPR 51KOHM +-5% 1/4W FENGHUA
C8581	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8584	065G080547432K F	0805 0.47UF K 50V X7R
C8382	065G080547432K F	0805 0.47UF K 50V X7R
R8123	061G0805103 JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R8208	061G1206513 JF	ST CHIPR 51KOHM +-5% 1/4W FENGHUA
R8206	061G1206513 JF	ST CHIPR 51KOHM +-5% 1/4W FENGHUA
C8237	065G080510232K F	CAP 0805 1000PF 10% 50V X7R
R8118	061G0805104 JI	RST 0805 100K 5% 1/8W
R8209	061G08056802FF	RST 0805 68K 1% 1/8W
R8204	061G08056802FF	RST 0805 68K 1% 1/8W
R8202	061G08058203FI	RST 0805 820K 1% 1/8W
JR8104	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA
JR8101	061G1206000 JF	RST CHIPR MAX0R05 1/4W FENGHUA
R8236	061G1206101 JI	RST 1206 100R 5% 1/4W
R8237	061G1206101 JI	RST 1206 100R 5% 1/4W
C8583	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8124	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8183	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
C8123	065G080510432K F	CAP CHIP 0805 0.1UF K 50V X7R
R8382	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8582	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8281	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8181	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8241	061G1206101 JI	RST 1206 100R 5% 1/4W
C8384	065G080547432K F	0805 0.47UF K 50V X7R
C8484	065G080547432K F	0805 0.47UF K 50V X7R
C8582	065G080547432K F	0805 0.47UF K 50V X7R
C8182	065G080547432K F	0805 0.47UF K 50V X7R
C8482	065G080547432K F	0805 0.47UF K 50V X7R
C8103	065G120610272K F	CAP 1206 1NF 10% 500V X7R
C8102	065G120610272K F	CAP 1206 1NF 10% 500V X7R
C8101	065G120610272K F	CAP 1206 1NF 10% 500V X7R
R8481	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8381	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8282	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8182	061G0805140 2F	CHIRP 14KOHM 1% 1/8W
R8119	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA
R8104	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA
R8120	061G0805000 JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA
R8240	061G1206101 JI	RST 1206 100R 5% 1/4W
	P33T0676XJT01R0100	BUTTON
	P33T0686ALDZ1C0100	DECO_LOGO
	P34T2148ADTA1L0100	BEZEL N/A
	P34T21490GM02K0200	REAR_COVER N/A
	Q02G707105000100XL	BOLT
	Q11G701015000L00JY	PCB-SUPPORT
	Q36G0600062090GPZA	NON-WOVEN FABRIC
	Q45G88010TV08700WN	PROTECT BAG
	Q45G99010TV07200WN	PROTECT BAG
	Q52G130118600000YY	TAPE
	Q52G15010TV0070WXW	TAPE_INSULATING
	Q52G1501150523AWBK	TAPE_INSULATING
	Q52G160119100A00YY	TAPE

	Q52G18010TV15400ZA	INSULATING SHEET	
	Q52G18010TV1670AJY	INSULATING SHEET	
	X15T947510100000BL	BKT_TOP	
	X15T947610100000BL	BKT_BTM	
	X15T947710200000YF	BKT_SPEAKER	
	X15T9478501000GMYF	BKT_IO	
	X15T9479401000GMYF	BKT_IO	
	X15T948010100000YF	BKT_AC_INLET	
	X15T948110300000YF	BKT_CHASSIS_L	
	X15T948210200000YF	BKT_CHASSIS_R	
	X15T957110100000AJ	BKT_HINGE	
	X15T957210100000AJ	BKT_HINGE	
	X15T966510100000LH	BKT_MID	
	X20T8081001000YSXL	DIE-CASTING_BRACKET_L	
	X20T8082001000YSXL	DIE-CASTING_BRACKET_R	
	X40G0002615A37	OTHER LABEL TVD LABEL	
	X40G2014040X3000XY	LABEL IO	
	X40G2014058X0600XY	IO LABEL	
	X44GWA110FB0HF	ARTWORK CARTON --	
	X44GWA111010SY	CUSHION-TL N/A 不分区域(全	
	X44GWA112010SY	CUSHION-TR N/A 不分区域(全	
	X44GWA113010SY	CUSHION-BL N/A 不分区域(全	
	X44GWA114020SY	CUSHION-BR N/A 不分区域(全	
	X44GWA11501EPE	CUSHION-FRONT N/A 不分区域(全	
	X44GWA1161502A000T	ARTWORK CARTON LE58D3140	
	0M1G1040 14225 RA	SCREW	
E38901	389G228A15N0IS	AC POWER CORD 1500MM	
	392GB1JA1A3E2C	BATTERY 1.5V 2P LR03(KA)2S/G	
	Q45G2010M0101A	PE BAG FOR MANUAL	
	Q45G88010TV08900X1	PROTECT BAG	
	X41G58MV67301A	MANUAL LE58D3140 SA	
	X41G78DV61503C	WARRANTY CARD SA ALL REGION	
	X41G78DV67311A	SHEET-FLYER SERVICE CENTER LIST MEXICO	
	X41G78SV67329A	QSG LE58D3140 SA	
	040G 58162435A	MANUAL P/N LABEL	
	Q40G 581689 4B	SN LABEL(58X35MM)	
	X40G0001624 2A	LABEL FOR SCREW PE BAG	
	X40G058061503A	RATING LABEL LE58D3140	
	Z40G0002ALL01A	OTHER LABEL	