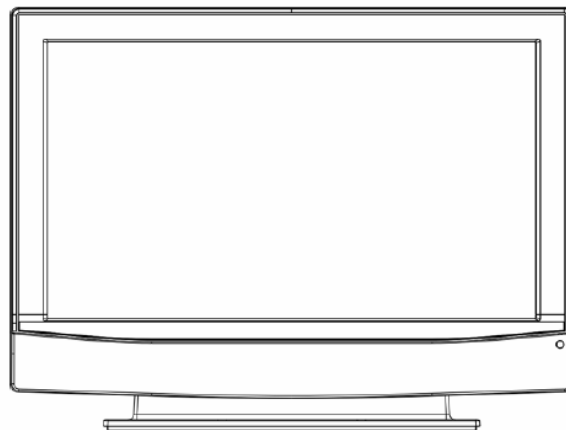


Service Service Service



Service Manual

Horizontal Frequency
31~60kHz

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SAFETY NOTICE

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

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

Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics might create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design.

Servicer assumes all liability.

FOR PRODUCTS CONTAINING LASER:

DANGER-Invisible laser radiations when open AVOID DIRECT EXPOSURE TO BEAM.

CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit

- Must mount the module using mounting holes arranged in four corners.
- Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
- Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
- Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
- Make certain that treatment person's body is grounded through wristband.
- Do not leave the module in high temperature and in areas of high humidity for a long time.
- Avoid contact with water as it may a short circuit within the module.
- If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

Revision List

[illegible]

1. General Specification

Items		Specification	
LCD Panel	Panel Type	T420XW01 V500 TW AUO	
	Driving system	TFT-LCD AUO Panel	
	Aspect Ratio	16: 9	
	Resolutions	1366 x768	
	Active Area	930.25 (H) x 523.01(V)	
	Pixel Pitch	0.681 mm (H) X 0.681 mm(V)	
	Display colors	16.7 million	
	Panel Typical Brightness:	500 cd/m²	
	Panel Typical Contrast:	1500:1	
	Color Temperature	Cool / Warm/normal	
Input	H-Frequency	31KHz to 60KHz	
	V-Frequency	50Hz to 75 Hz	
TV Function	TV Standard	NTSC/M	
	Color systems	NTSC	
Video Inputs	AV	RCA x 1	Audio L/R x 1
	S-Video	Y ,C x 1	Audio L/R x 1
	COMPONENT	Y, Pr/Cr, Pb/Cb x 1	Audio channel L / Rx 1
	AUDIO	Headphone Mini-jack for stereo (3.5ø)	
HDMI INPUT:	Suggested scan rates: 1080i, 720p, 480p, 480i		
OSD language	English. French. Spanish		
Wall Mount	VESA 400 x 200 mm		
Weight	24.5 kg		
Dimensions (Include Stand)	1050 mm(W) x 767 mm(H) x 290mm(L)		
Power	Power Supply	AC100V~240V, 50/60Hz	
	Power Consumption	≤250W	
Environment	Operating Temperature	+ 0 °C ~ + 40 °C	
	Storage Temperature	-10 °C ~ + 50 °C	
	Operating	10% ~ 85%	
Supplied Accessories:	1pcs Power cord, 1pcs Remote control(with two AA alkaline batteries), 1pcs User manual, 1pcs Signal cable, 1pcs Pc Audio cable		

NOTE: This TV set does not provide HD video Output.

2. Operating Instructions

2.1. The Use of Remote Control

“POWER”

Press to power ON/OFF (standby) TV.

(Note: 1. TV is never completely power off unless physically unplugged.

2. Press to turn on TV after the power on status LED had changed to the amber color and stopped flashing.)

“VIDEO”

Press repeatedly to choose S-Video/ Composite source mode (Video 1 ~ 4).

“COMP”

Press repeatedly to choose Component source mode (Video 5 ~ 6).

“PC”

Press repeatedly to choose VGA or HDMI source mode (Video 7 ~ 9).

“TV”

Press to choose ATSC/NTSC TV source mode.

“0 ~ 9 /- number”

Press to enter TV channel number to select channel (Press ‘-’ to indicate choosing the sub-channel).

“SLEEP”

Press to set a time period (off/30min/ 60min/90min) after which the TV should switch itself to standby mode.

“FREEZE”

Press to freeze the displayed picture

“VOL- / VOL+”

Press + or - to adjust the volume.

“MENU”

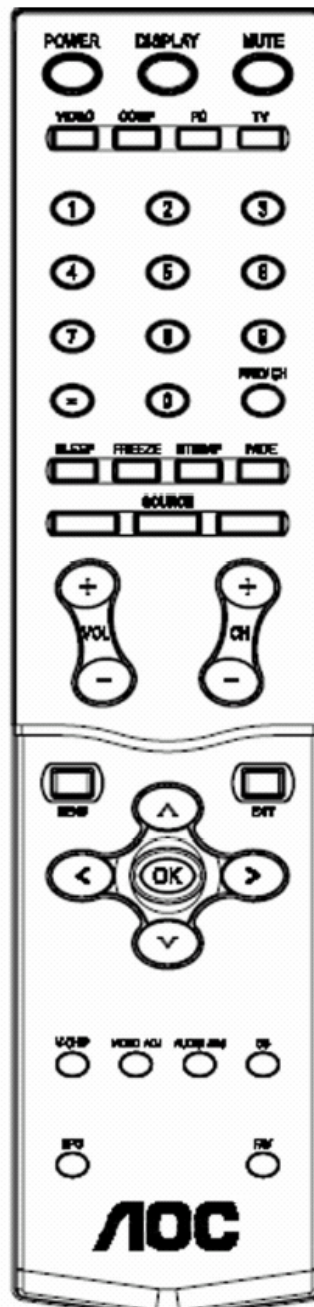
Press to open or exit menu.

“▲”, “▼”, “<”, “>”, “OK”

Press to adjust the various function items on the menu.

“V-CHIP”

Press to lock / unlock Parental Control temporarily. (After setting the restricted table of MPAA or TV Rating.)



“DISPLAY”

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

“MUTE”

Press to set TV sound mute ON/OFF.

“PREV CH”

Press to display the previous TV.

“MTS/SAP”

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

“WIDE”

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

“SOURCE”

Press repeatedly to choose the various input sources (Video 1 ~ 9).

“CH- / CH+”

Press + or - to browse through the TV channels.

“Exit”

Press to exit menu or OSD.

“VIDEO ADJ”

Press to choose the Brightness or Contrast adjustment.

“AUDIO ADJ”

Press to switch the ATSC multi-channel TV sounds.

“CC”

Press repeatedly to change the closed caption type as CC1/CC2/CC3/CC4/TEXT1/TEXT2/TEXT3/TEXT4/Off.

“EPG”

Press to show the information the same as “DISPLAY” key.

“FAV”

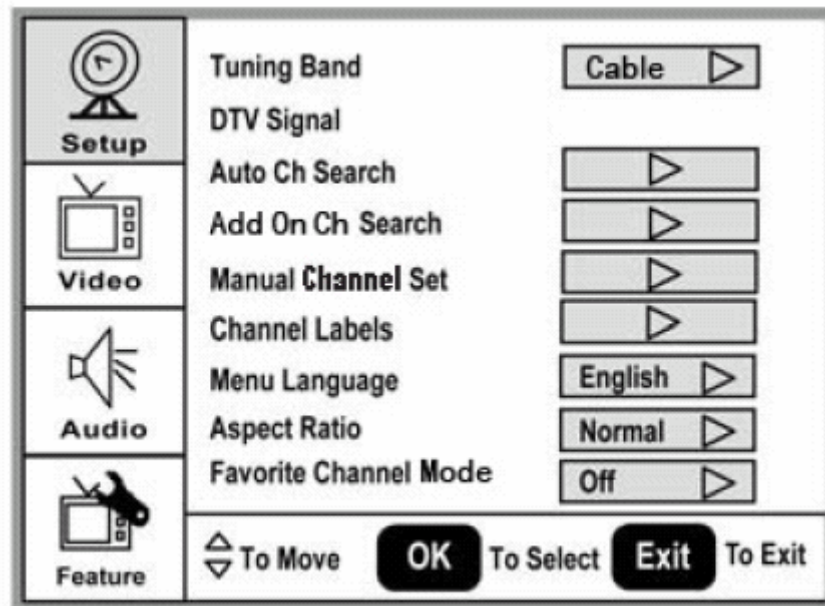
Press to display the favorite TV channel. (After setting the favorite TV channel on main menu).

2.2 To Use the Menus

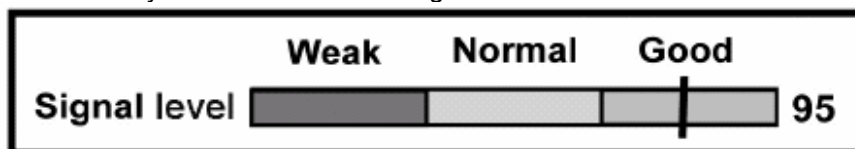
1. Press the **MENU** button to display the main menu
2. Use the **cursor up/down** to select a menu item.
3. Use the **cursor left/right** to enter a submenu.
4. Press the **OK** button to enable/disable the function.
5. Press the **MENU** or **EXIT** button to exit the menu. Press the MENU button to enter the main OSD (On Screen Display). Adjust the items including **Setup menu**, **Video menu**, **Audio menu** and **Feature menu**. However, some function items in the menus may only be enabled in the particular source modes.

SETUP MENU

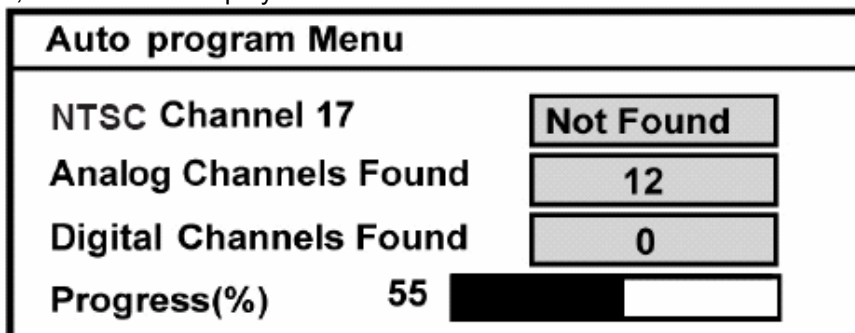
The Setup menu in TV mode shows as below. In others source modes, the Setup menu only shows **Menu Language** and **Aspect Ratio** items.



1. **Tuning Band**: Select TV source signal from the Air (antenna) or Cable (CATV).
2. **DTV Signal**: Show the intensity of the received DTV signal.



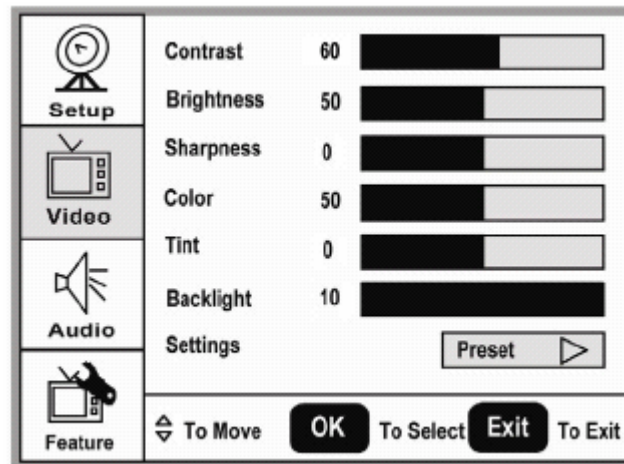
3. **Auto Ch Search**: Automatically scan all NTSC / ATSC TV channels and then store in the channel table. In channel scan process, the OSD can display the number of channels which had been found.



4. **Add on Ch search**: Add channels which are new found.
5. **Manual Channel Set**: Show the channel setup table. User can choose to display the ATSC or NTSC TV channels and then edit (add/delete) the channel numbers.
6. **Channel Labels**: Show the NTSC or ATSC TV channel label menu for user modifying channel labels specifically.
7. **Menu Language**: Select the menu display language. (English /Spanish /French)
8. **Aspect Ratio**: Select the display aspect ratio. (Normal / Zoom / Wide / Cinema)
9. **Favorite Channel Mode**: when favorite channel mode on user can edit favorite channel table in favorite channel set option.

VIDEO MENU

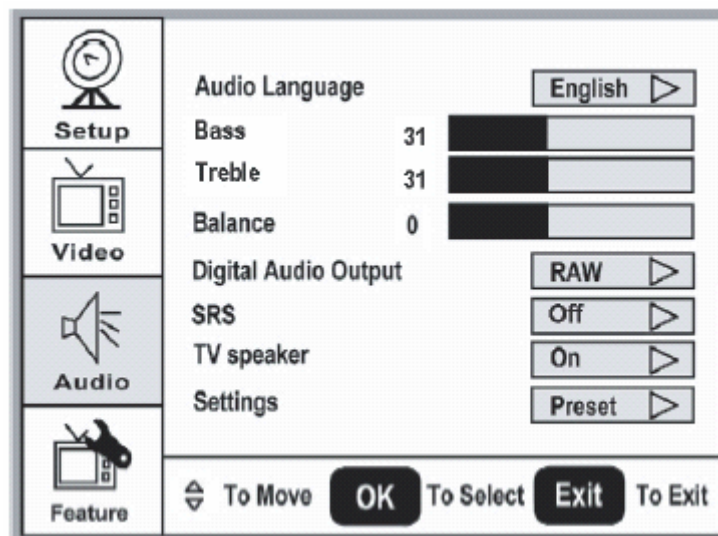
The Video menu in most source modes shows as below. It provides several video adjustment items for user fine tuning the video display. Only in VGA source modes, the Video menu simply provides **Contrast**, **Brightness**, **Back light** and **Settings (Preset)** items.



1. **Contrast**: Video contrast adjustment, the tuning range is 0 ~ 100.
2. **Brightness**: Video brightness adjustment, the tuning range is 0 ~ 100.
3. **Sharpness**: Video sharpness adjustment, the tuning range is -50 ~ 50.
4. **Color**: Video color chroma adjustment, the tuning range is 0 ~ 100.
5. **Tint**: Video tint adjustment, the tuning range is R50 ~ G50.
7. **Settings**: Restore the default video settings.

AUDIO MENU

The Audio menu in TV mode shows as below. It provides audio adjustment for user to modify the audio setting. Except in ATSC TV mode, some audio adjustment items for user to modify the audio setting. Excepting in ATSC TV mode, the **Audio Language** option is disable in others source modes. The audio language setting is only available in ATSC TV source. Furthermore, the **Bass** and **Treble** tuning items are only enabled while the **SRS** option set "Off" (tune-off the SRS sound effect). The Default states of **Bass** and **Treble** items are enabled as well as **SRS** option set "Off".



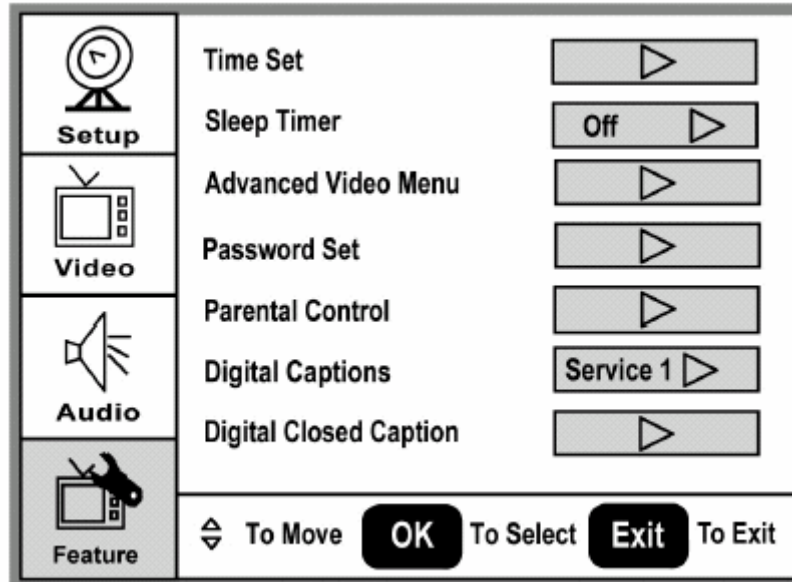
1. **Audio Language**: Change the audio language setting on ATSC TV programs. The number of the supported audio languages depends on the ATSC TV programs.
2. **Bass**: Bass tone adjustment, the tuning range is 0 ~ 63. (The default state is enabled)
3. **Treble**: Treble tone adjustment, the tuning range is 0 ~ 63. (The default state is enabled)
4. **Balance**: Audio balance adjustment, the tuning range is L31 ~ R31.
5. **Digital Audio Output**: Digital audio output format selection, user can choose RAW (default) or PCM format.
6. **SRS**: Choose to turn on / off the SRS sound effect. The default value is Off.

7. **TV Speaker:** Choose to turn on / off the TV internal speaker. The digital audio output signals 、earphone output signals and the composite L/R audio output signals will not be turn-off even though the TV speaker is off. The default setting is On.

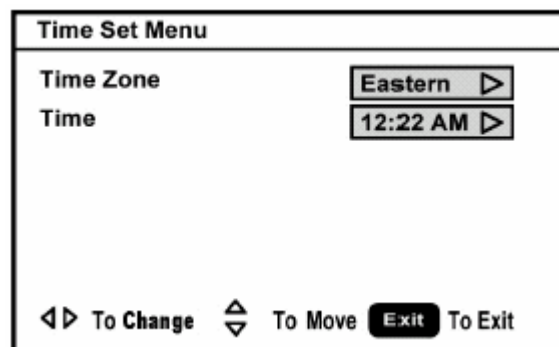
8. **Settings:** Restore the default audio settings.

FEATURE MENU

The Feature menu in TV mode shows as below. It provides certain optional control functions such as time set, sleep timer, video noise reduction, parental control (V-chip) and close caption style setting. This menu gives users the most flexibilities to satisfy their generally demands. According to the various requirements in different source modes, certain features should be hidden (disable) on the menu. The details footnotes will be described clearly below.



1. **Time Set:** Set current time. This sub-menu includes **Time Zone** and **Time** items. 【Time Zone】item provides user to set current time zone, such as: Pacific 、Alaska 、Hawaii 、Eastern 、Central and Mountain. 【Time】 item provides user to set the time clock.



2. **Sleep Timer:** Enable or disable the TV standby timer. User can set the TV standby timer as off / 5 min / 10 min / 15 min / 30 min / 45 min / 60 min / 90 min / 120 min / 180 min / 240 min. Timer starts to count down after cursor leaving the sub-menu. (At the moment, the item shows 『** min Left』 and the cursor highlights on the Feature icon.)

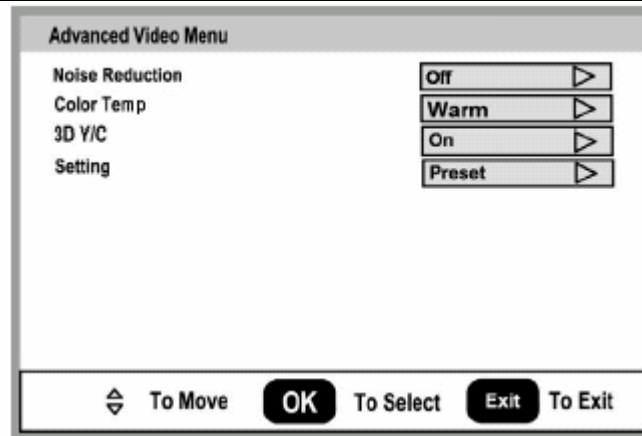
3. **Advanced Video Menu:** Provide the **Noise Reduction** setting 、**Color Temperature** and **3D Y/C filter** options for enhancing video quality.

【Noise Reduction】 gives four NR effect degrees, such as: Low 、Mid 、High and Off. The default setting is off.

【3D Y/C】 provides On / Off switches. The default setting is On.

【Color Temp】 gives three color temperature modes as: Normal 、Warm and Cool. The default mode is Warm.

【Setting】 restores the default advanced video option settings.



4. **Password Set:** Change the 4-numeral parental control password. Three steps are required for changing the password: *Enter Old Password* -> *Enter New Password* -> *Confirm New Password*. Note: This item is only available in TV, Composite and S-Video source modes. The default password is 『0 0 0 0』.

Enter Old Password				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Enter New Password				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Confirm New Password				
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

The first screenshot shows the 'Enter Password' screen with four empty boxes for password entry.

The second screenshot shows the 'Parental Control Menu' with options for 'USA Parental Locks' and 'Canadian Parental Locks', each with a right arrow. At the bottom are navigation buttons: 'To Move' (up/down arrow), 'OK' (black circle), 'To Select' (right arrow), 'Exit' (black circle), and 'To Exit' (left arrow).

The third screenshot shows the 'USA Parental locks' menu. It is divided into 'MPAA' and 'TV RATING' sections. The 'MPAA' section has checkboxes for NONE, G, PG, PG-13, R, NC-17, and X. The 'TV RATING' section has checkboxes for ALL, FV, L, S, V, and D, with sub-options for each. For example, under 'TV-Y7', there are icons for 'TV-Y7' and 'TV-Y7-FV'. At the bottom are navigation buttons: 'To Move' (up/down arrow), 'OK' (black circle), 'To Select' (right arrow), 'Exit' (black circle), and 'To Exit' (left arrow).

6. **Digital Captions:** Select the close caption options (Service 1-6, Text 1-4 and CC 1-4) in digital TV mode. When select service 1 to service 6 you can modulate parameters in the Digital Close Caption.

7. **Digital Closed Caption:** Provide numerous options for setting the close caption style. In the sub-menu. **【Style】** item can be set as Automatic or Custom mode. If Custom mode is selected, user can modify the detail styles described below. The setting result will be shown immediately on the bottom side of the sub-menu OSD. Note: This feature is only available in Digital TV (ATSC) mode.

The 'Digital Closed Caption' menu lists the following settings with their current values and a right arrow for selection:

- Style: Custom
- Size: Small
- Font: Default
- Text Color: White
- Text Opacity: Solid
- Background Color: Red
- Background Opacity: Solid
- Edge Effect: Depressed
- Edge Color: Red

Below the settings is a 'CLOSED CAPTION SAMPLE' box. At the bottom are navigation buttons: 'To Move' (up/down arrow), 'OK' (black circle), 'To Select' (right arrow), 'Exit' (black circle), and 'To Exit' (left arrow).

【Size】 : Digital close caption font size, which can be set as Small 、 Normal or Large.

【Font】 : Digital close caption font style, which can be chosen as Default or Font 1 ~ 7.

【Text Color】 : Giving Red / Green / Blue / Yellow / Magenta / Cyan / Black / White Colors.

【Text Opacity】 : Giving Transparent / Translucent / Solid / Flashing modes.

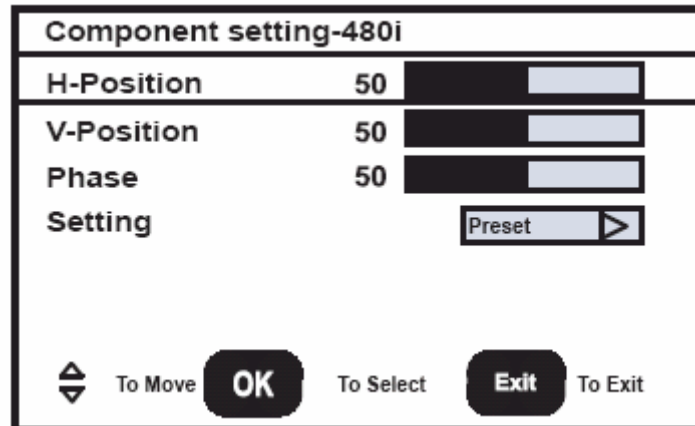
【Background Color】 : Giving Red / Green / Blue / Yellow / Magenta / Cyan / Black / White Colors.

【Background Opacity】 : Giving Transparent / Translucent / Solid / Flashing modes.

【Edge Effect】: The text edge effects, which gives None / Raised / Depressed / Uniform / Left Shadow / Right Shadow modes.

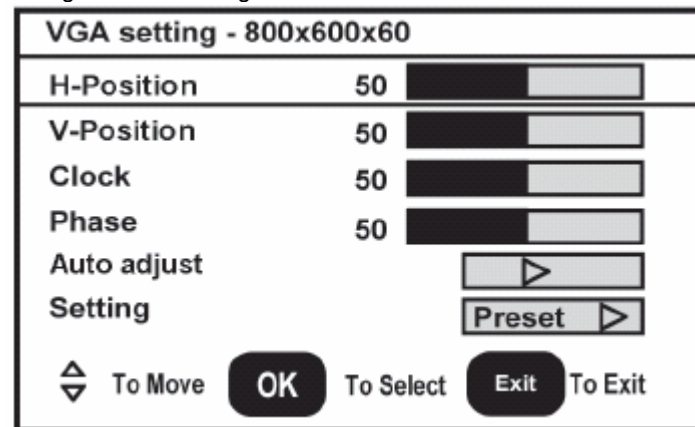
【Edge Color】: The colors of text edge effects, which provides Red / Green / Blue / Yellow / Magenta / Cyan / Black / White Colors.

8. **Component Set:** This option only shows and is available in component mode, which provides fine tuning component display, such as: 【H-Position】、【V-Position】 and 【Phase】. All these items are giving the tuning range from 0 to 100. 【Setting】 item provides the default component setting values restoring.



9. **VGA Set:** This option only shows and is available in VGA mode, which provides fine tuning VGA display, such as :

【H-Position】、【V-Position】、【Clock】 and 【Phase】. All these items are giving the tuning range from 0 to 100. 【Setting】 item provides the default VGA setting values restoring.



TIPS

Care of the screen

Do not rub or strike the screen with anything hard as this may scratch, mar, or damage the screen permanently. Unplug the power cord before cleaning the screen. Dust the TV by wiping the screen and the cabinet with a soft, clean cloth. If the screen requires additional cleaning, use a clean, damp cloth. Do not use liquid cleaners or aerosol cleaners.

Mobile telephone warning

To avoid disturbances in picture and sound, malfunctioning of your TV or even damage to the TV, keep away your mobile telephone from the TV.

End of life directives

We are paying a lot of attention to produce environmentally friendly in green focal areas. Your new receiver contains materials, which can be recycled and reused. At the end of its life specialized companies can dismantle the discarded receiver to concentrate the reusable materials and to minimize the amount of materials to be disposed of. Please ensure you dispose of your old receiver according to local regulations.

Regulatory Notices – Federal Communications Commission Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.

2. Increase the separation between the equipment and the TV.
3. Connect the equipment into wall power outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio or television technician for help.

Modifications –

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Norcent Technology Inc. may void the user's authority to operate the equipment.

Cables –

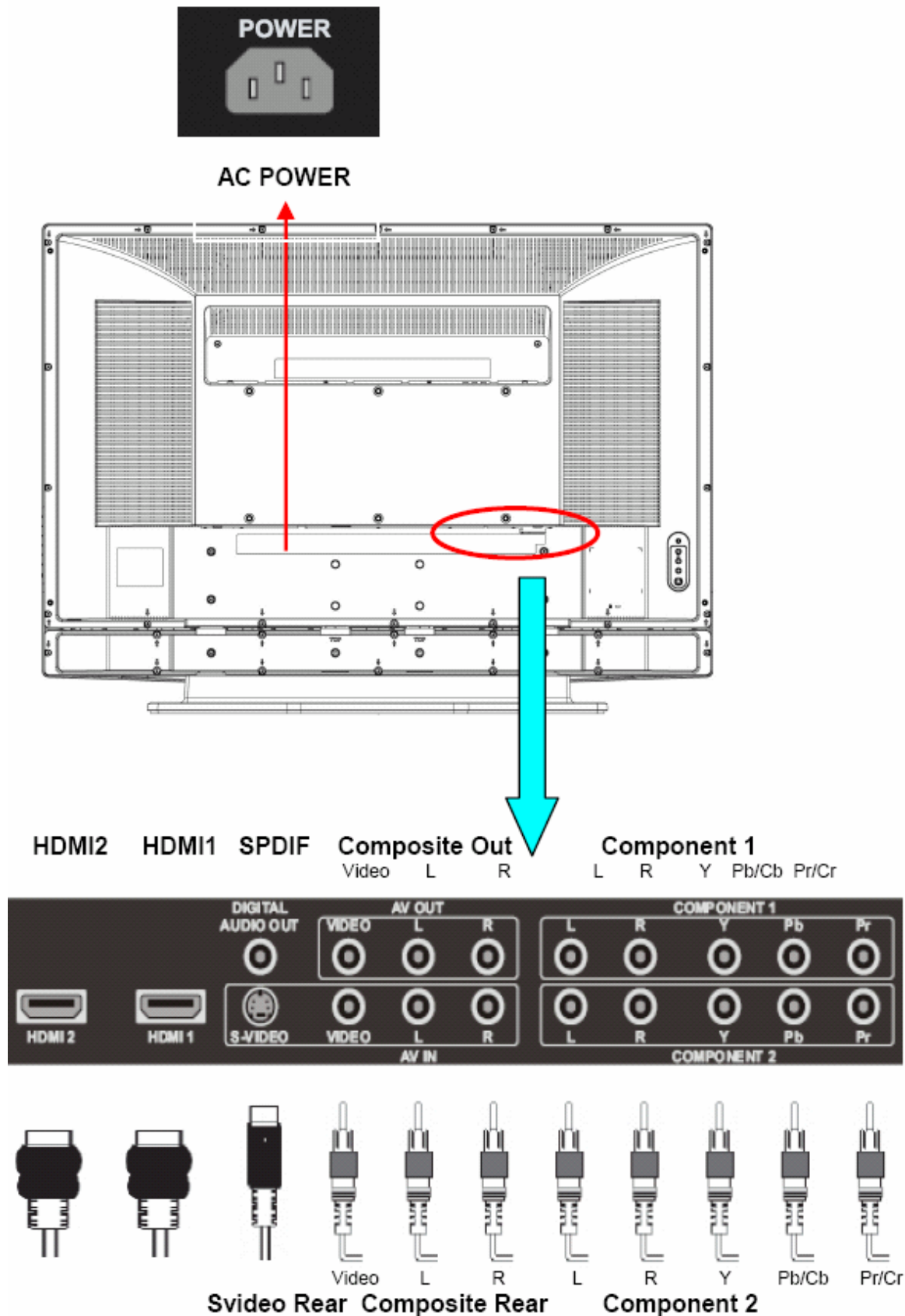
Connections to this device must be made with shielded cables with metallic RF/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

Canadian notice –

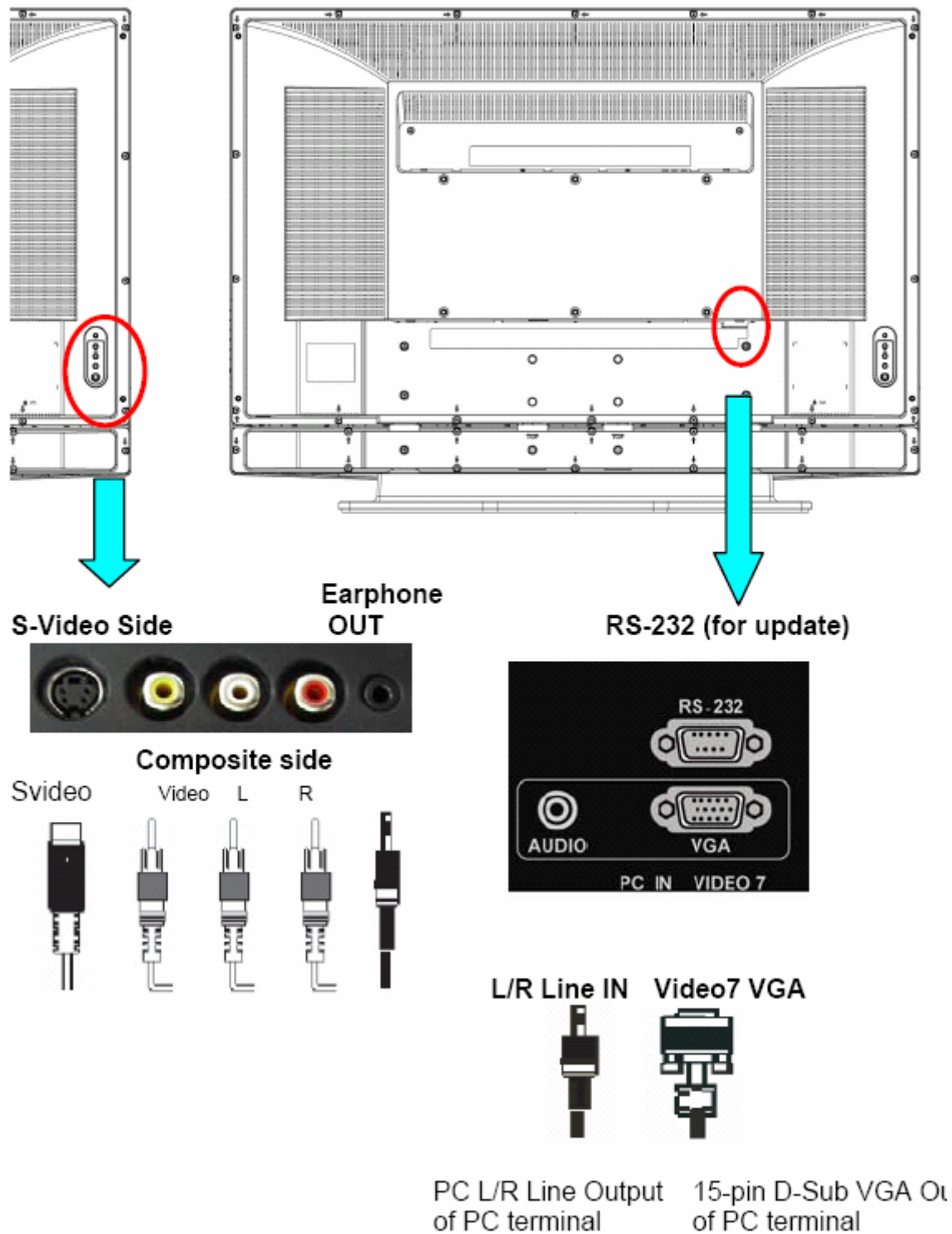
This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

2.3 How to Connect

There are several ways to connect your TV. Please use the following chart to determine which connection is best for you.

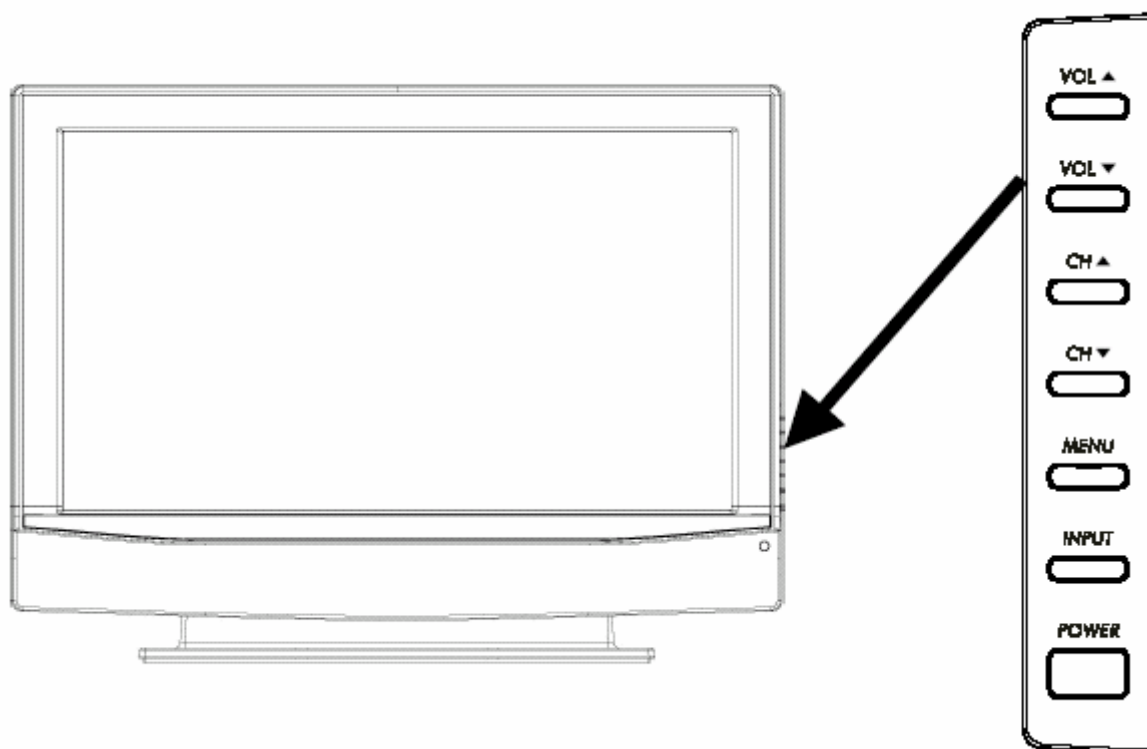


Once your equipment is connected, use the following procedure to view the input signal:
 Press the source button on the remote controller to select the relevant source to view. (ex: Press VIDEO button to select "Video1 Composite Rear" if you have connected a DVD player to Video1 Composite socket.) "HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC."



Note: The MUTE key on the remote control works on both TV internal speaker and the earphone output.

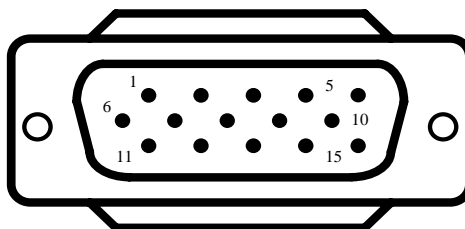
2.4 Front Panel Control Knobs



1	VOL+	VOL +: Press to increase the sound volume level.
2	VOL -	VOL - : Press to decrease the sound volume level.
3	CH +	CH +: Press to select the next higher Program number.
4	CH -	CH - : Press to select the next lower Program number.
5	MENU	Menu key: Press to open or exit the OSD menu.
6	INPUT	Input key: Press to select the input source.
7	POWER	Power key: Press to turn on / off (standby) the TV set. (Please re-turn on TV after the Power-ON status LED had changed to the orange color and finished flashing.)

3. Input/Output Specification

3.1 RGB Signal input



15 - Pin Color Display Signal Cable

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

3.2 AV/S-Video/Component signal input

AV (Composite Video input)		
Video1 / Video2		
	System	NTSC
	Amplitude	1.0 V(p-p), negative sync.
	Impedance	75 ohm terminated
S-Video (Y / C input)		
S-Video1 / S-Video2		
	System	NTSC
	Y signal amplitude	1.0Vpp (including sync)
	C signal amplitude	0.286Vpp
	Impedance	75 ohm terminated
Component (Y, Pb/Cb, Pr/Cr input)		
Component1/Component2		
	System	1080i, 480p, 720p, 480i
	Y signal amplitude	1.0Vpp (including sync)
	Cr, (R-Y) / Cb, (B-Y) Signal amplitude	±0.35Vpp, 75 ohm
	Impedance	75 ohm terminated
$Y = 0.299R + 0.587G + 0.114B$ $(R-Y) = 0.701R - 0.587G - 0.114B$ $(B-Y) = 0.299R - 0.587G + 0.886B$		

3.3 Compatible Mode Table

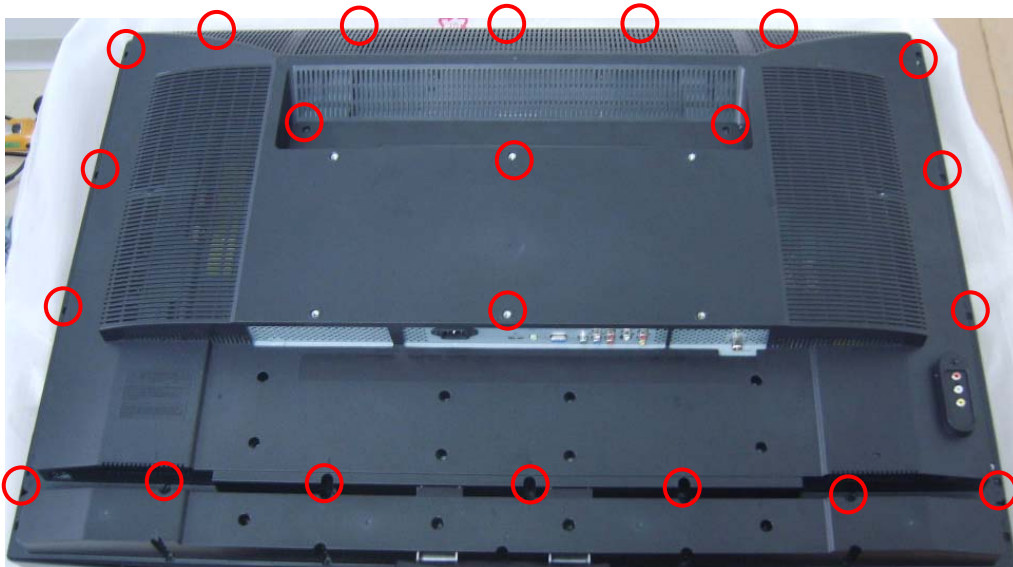
VESA MODES							
			Horizontal		Vertical		
Mode	Resolution	Total	Nominal Frequency (KHz)	Sync Polarity	Nominal Freq. (Hz)	Sync Polarity	Nominal Pixel Clock (MHz)
VGA	640x480@60Hz	800 x 525	31.469	N	59.940	N	25.175
	640x480@72Hz	832 x 520	37.861	N	72.809	N	31.500
	640x480@75Hz	840 x 500	37.5	N	75	N	31.500
SVGA	800x600@56Hz	1024 x 625	35.156	P	56.25	P	36.000
	800x600@60Hz	1056 x 628	37.879	P	60.317	P	40.000
	800x600@72Hz	1040 x 666	48.097	P	72.188	P	40.000
	800x600@75Hz	1056 x 625	46.0875	P	75	P	49.5
XGA	1024x768@60Hz	1344x806	48.363	N	60.004	N	65.000
	1024x768@70Hz	1328x806	56.476	N	70.069	N	75.000
	1024x768@75Hz	1312x800	60.023	P	75.029	P	78.750
WXGA	1360x768@60Hz	1792x795	47.712	P	60.015	P	85.5

4. Mechanical Instructions

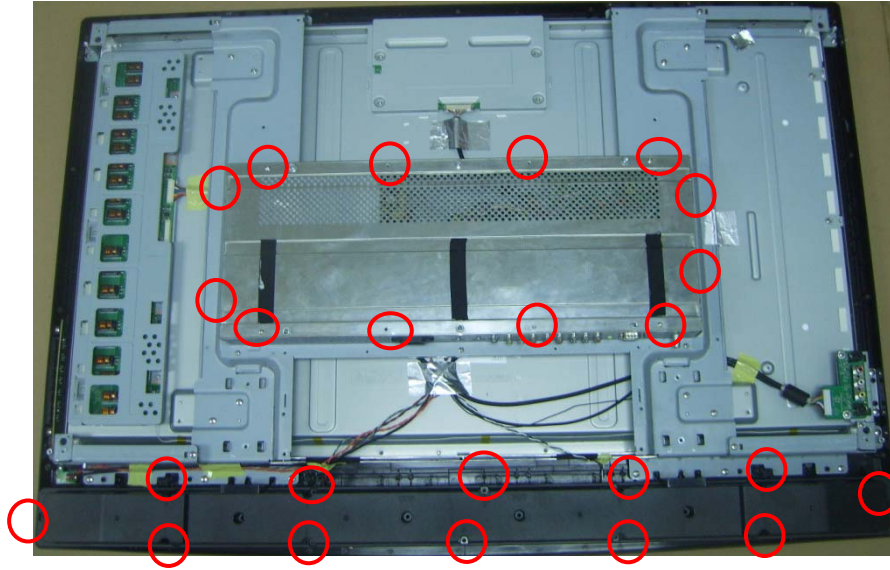
1. Remove the base first with six screws in the base.



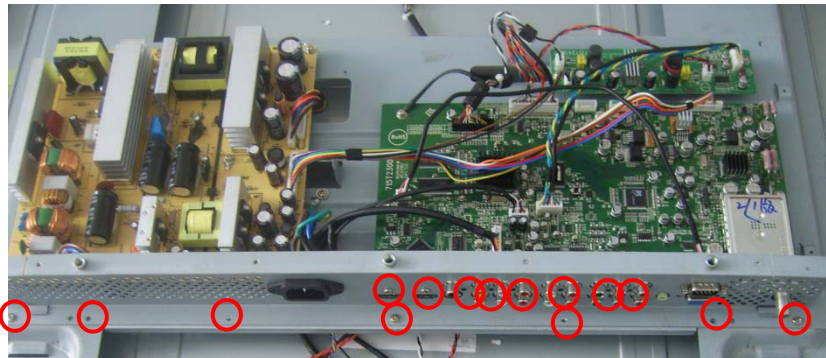
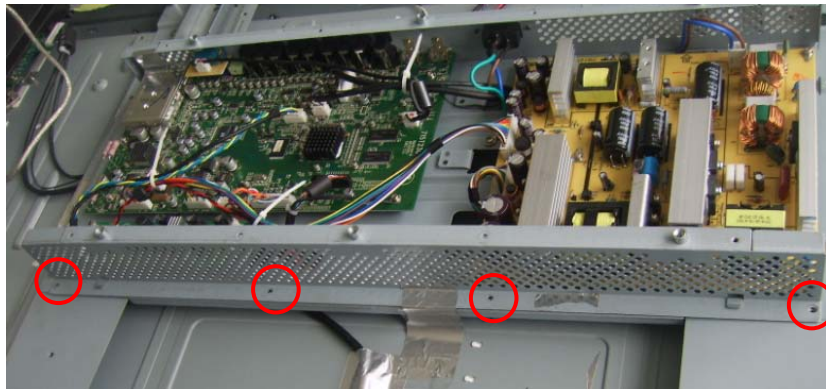
2. Remove the screws in red to remove the rear cover.



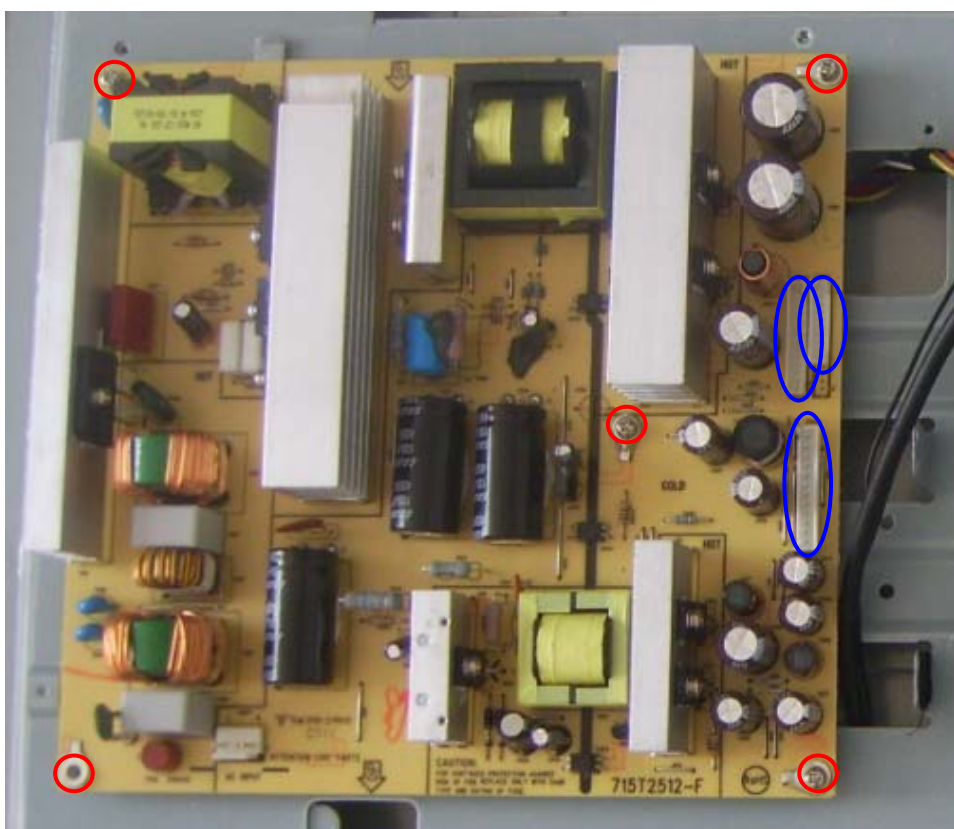
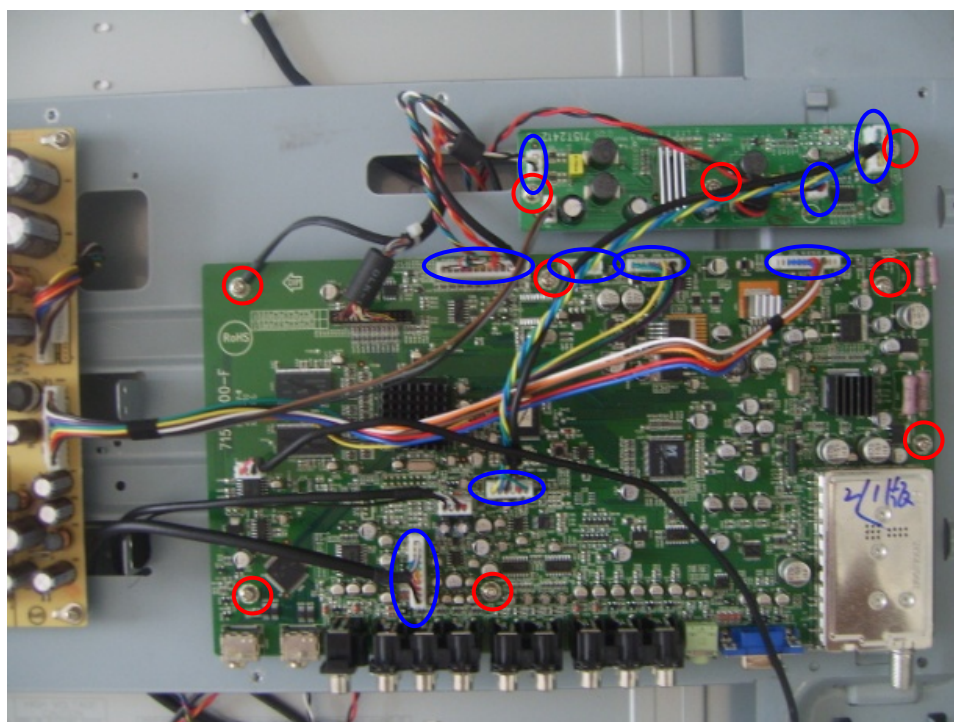
3. Remove the speaker cover and the cover-shield.



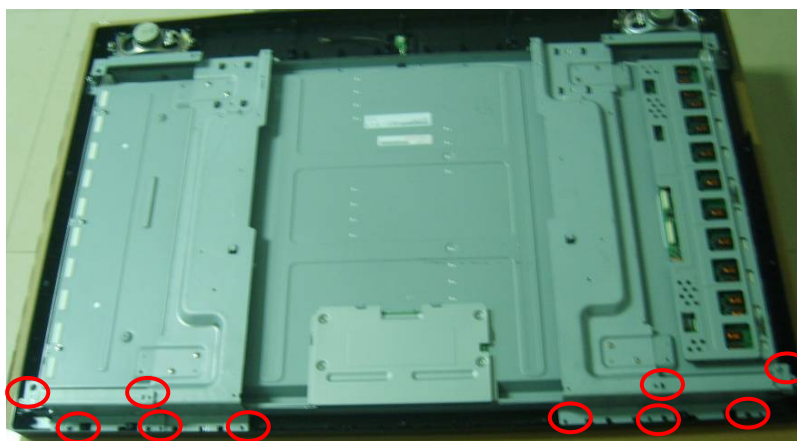
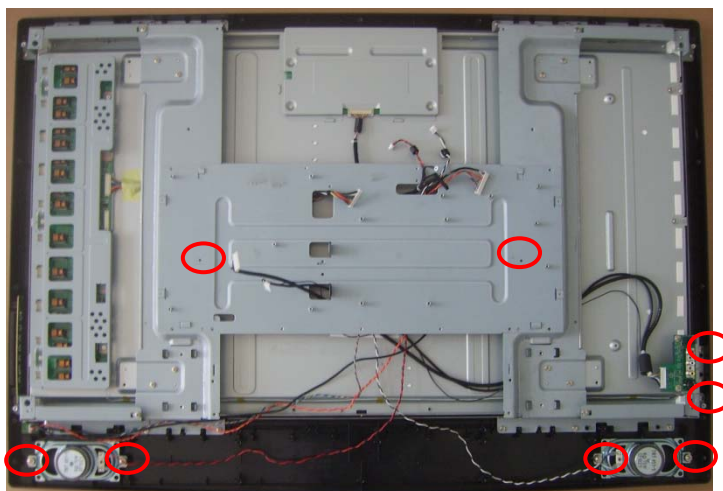
4. Remove the screws in red to remove the two metallic bracket and button assemble.



5. Remove the screws and pull out the connectors to remove the board.



6. Remove the screws and connectors in red to remove the bezel and speakers.

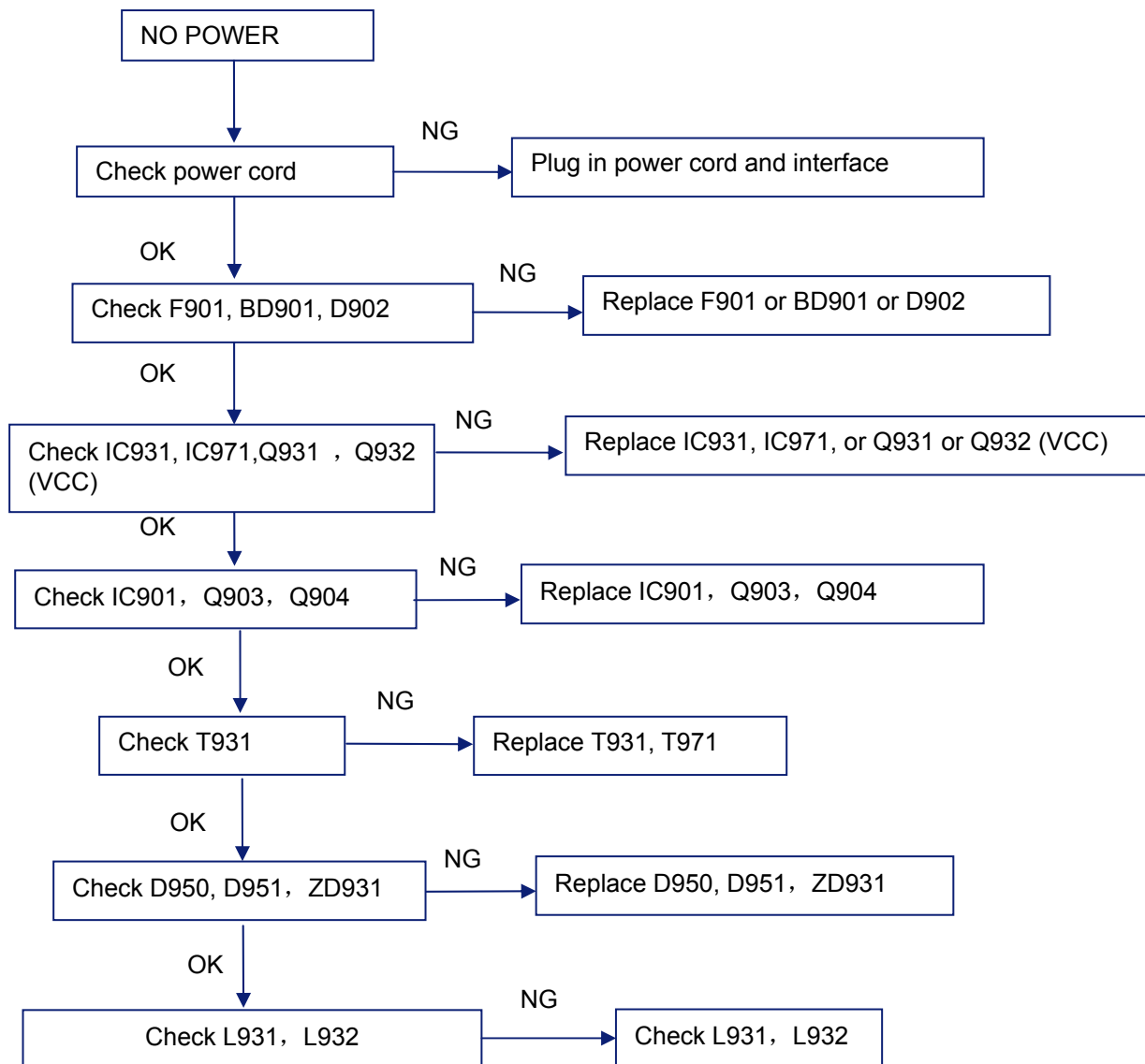


7. Remove the screws to remove the left and right metallic bracket.

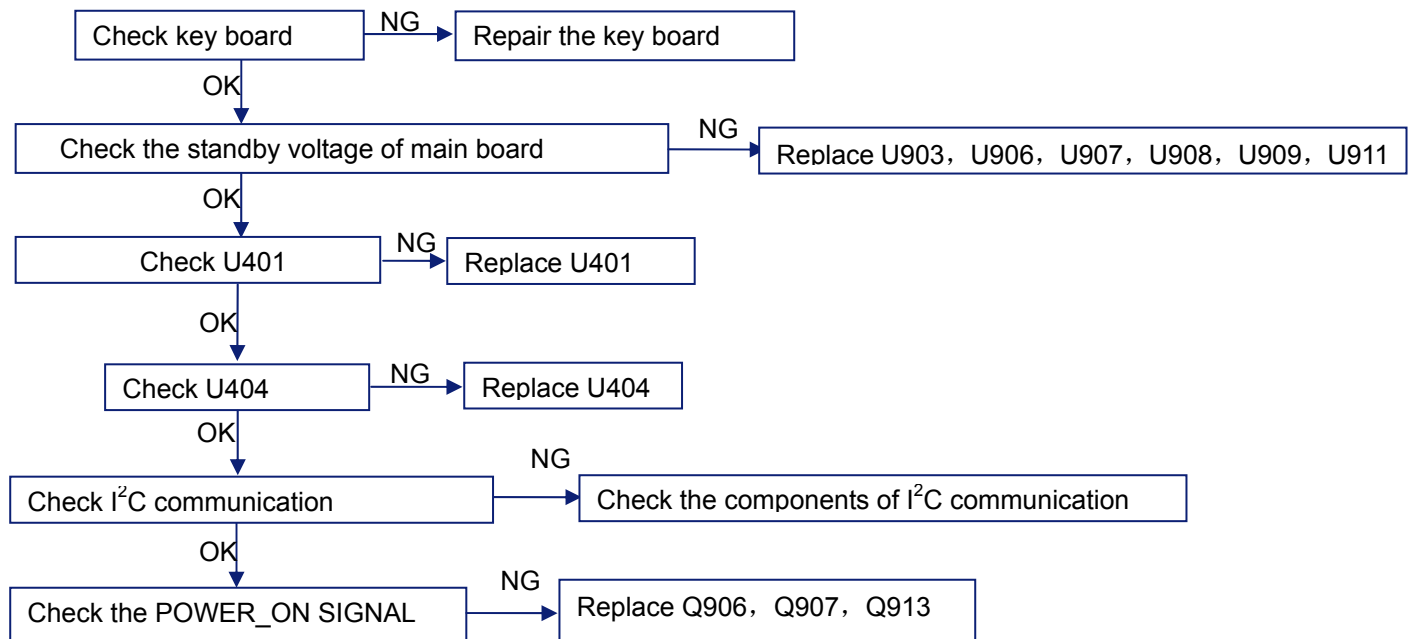


5. Repair Flow Chart

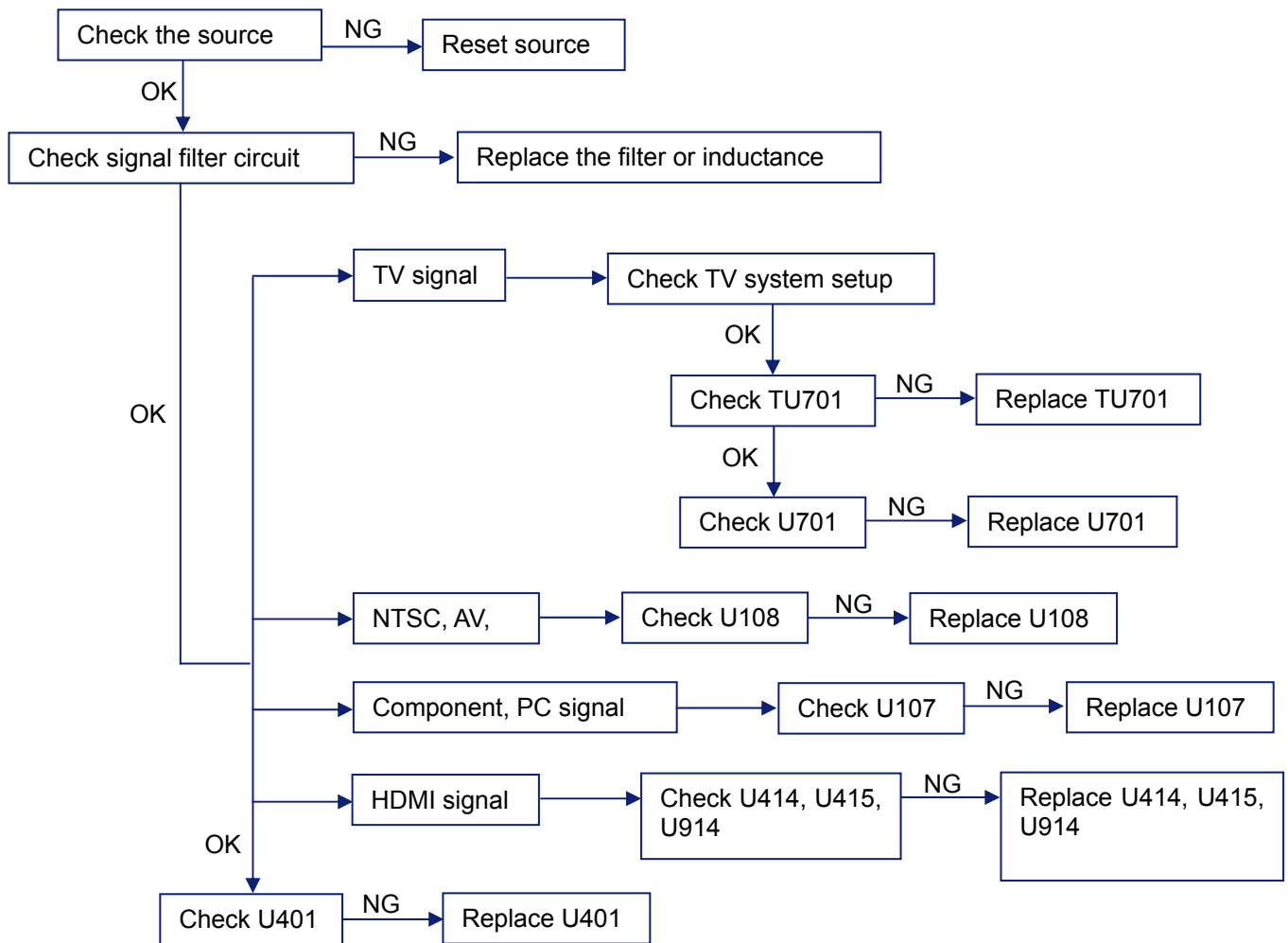
1. No Power (No LED indicator)



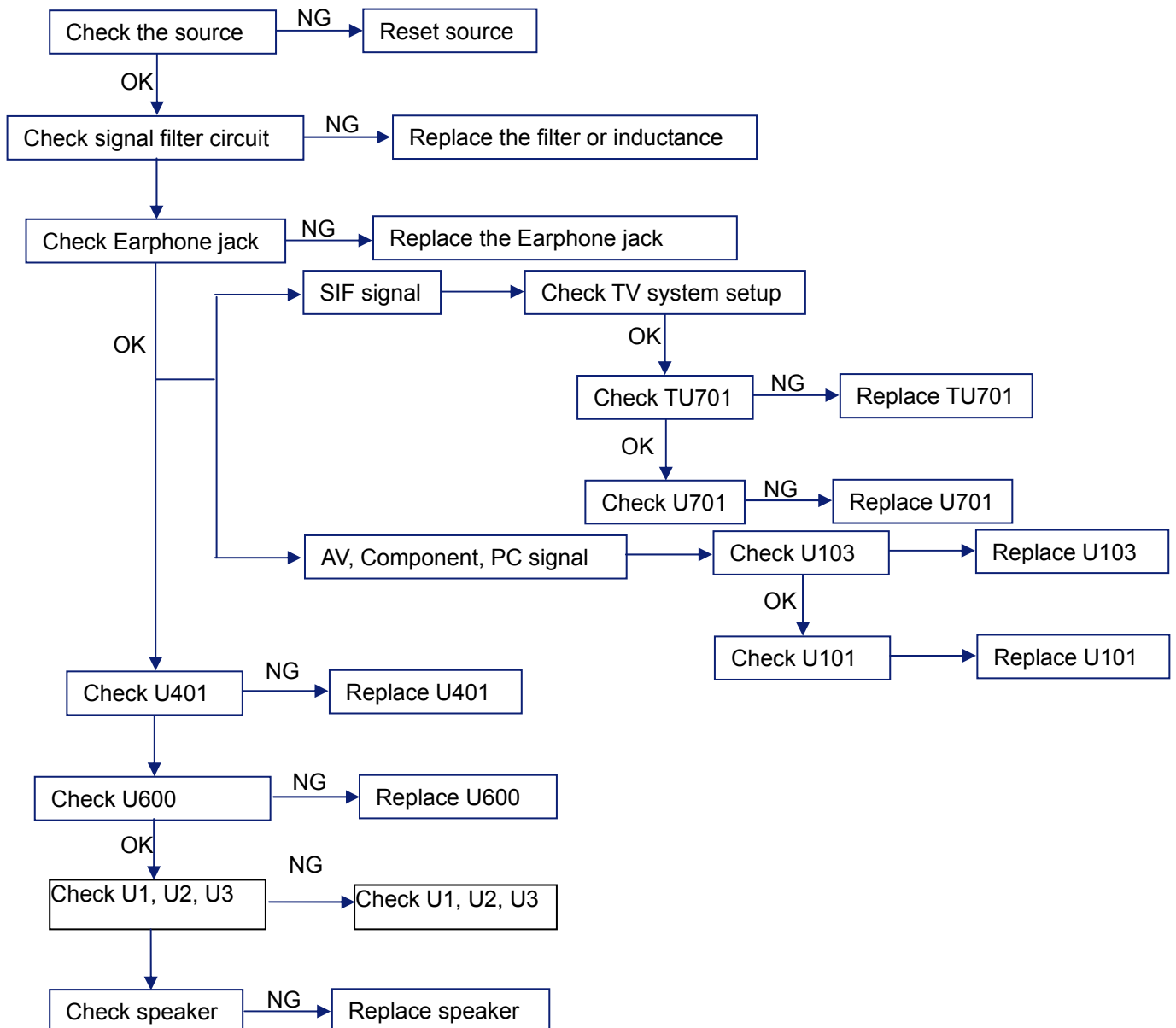
2. Can not start (LED indicator yellow)



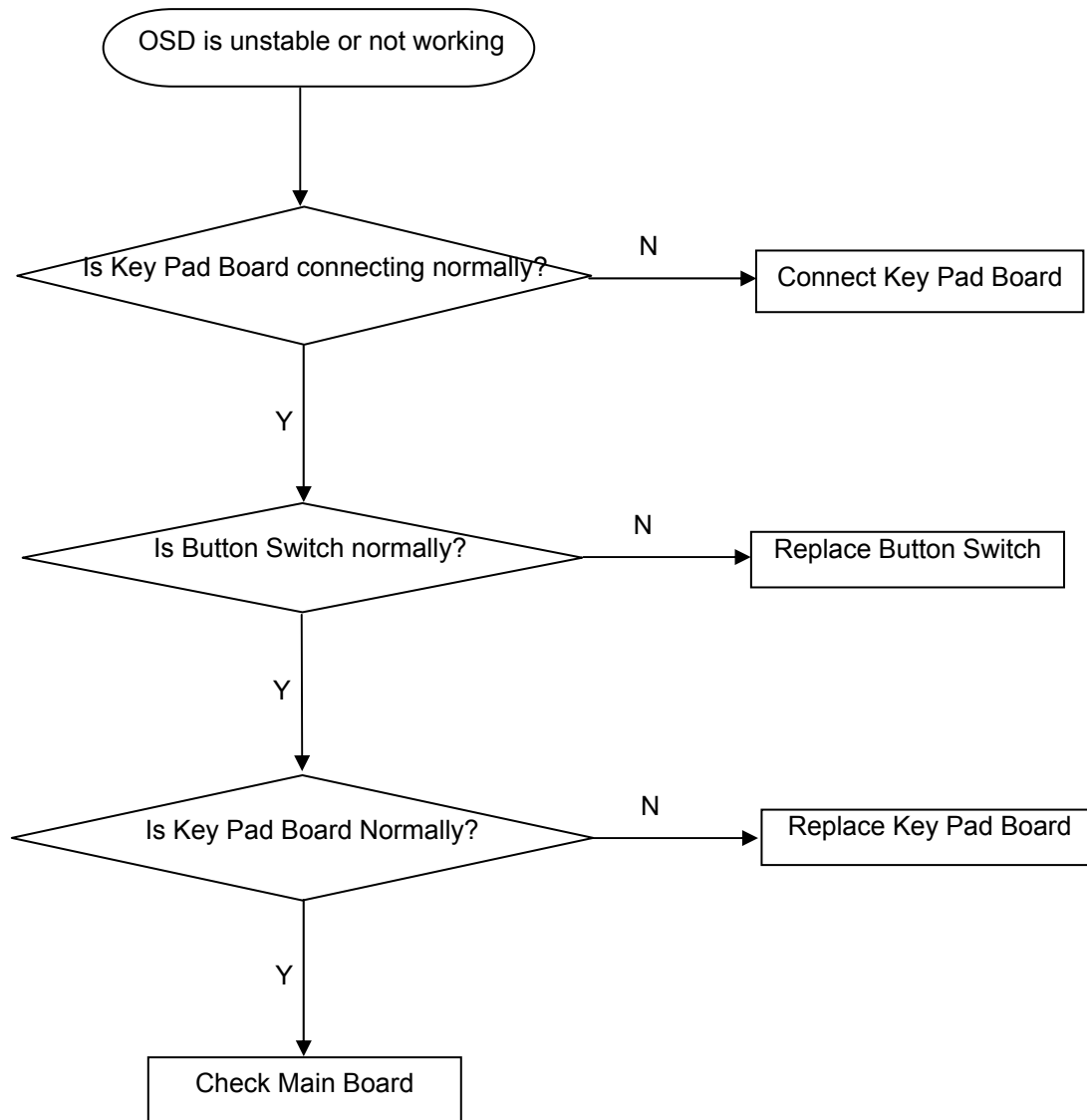
3. Abnormal display

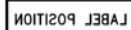


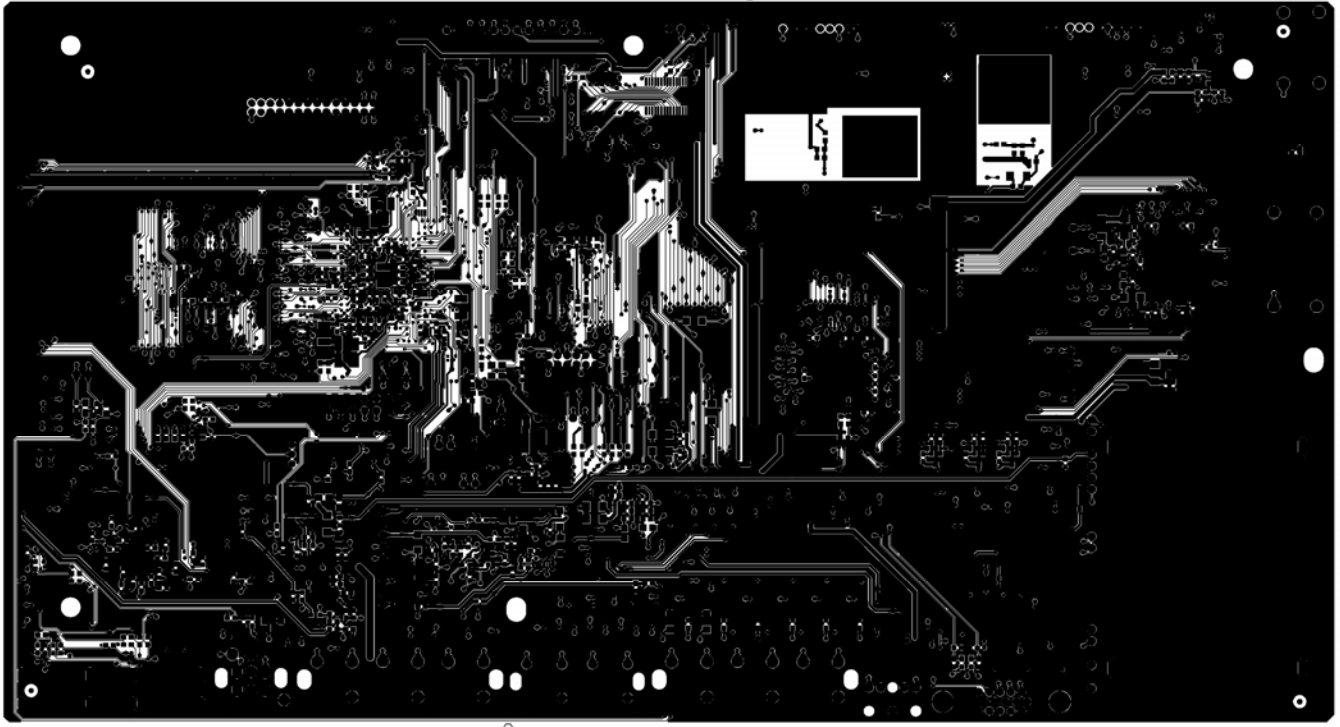
4. No sound



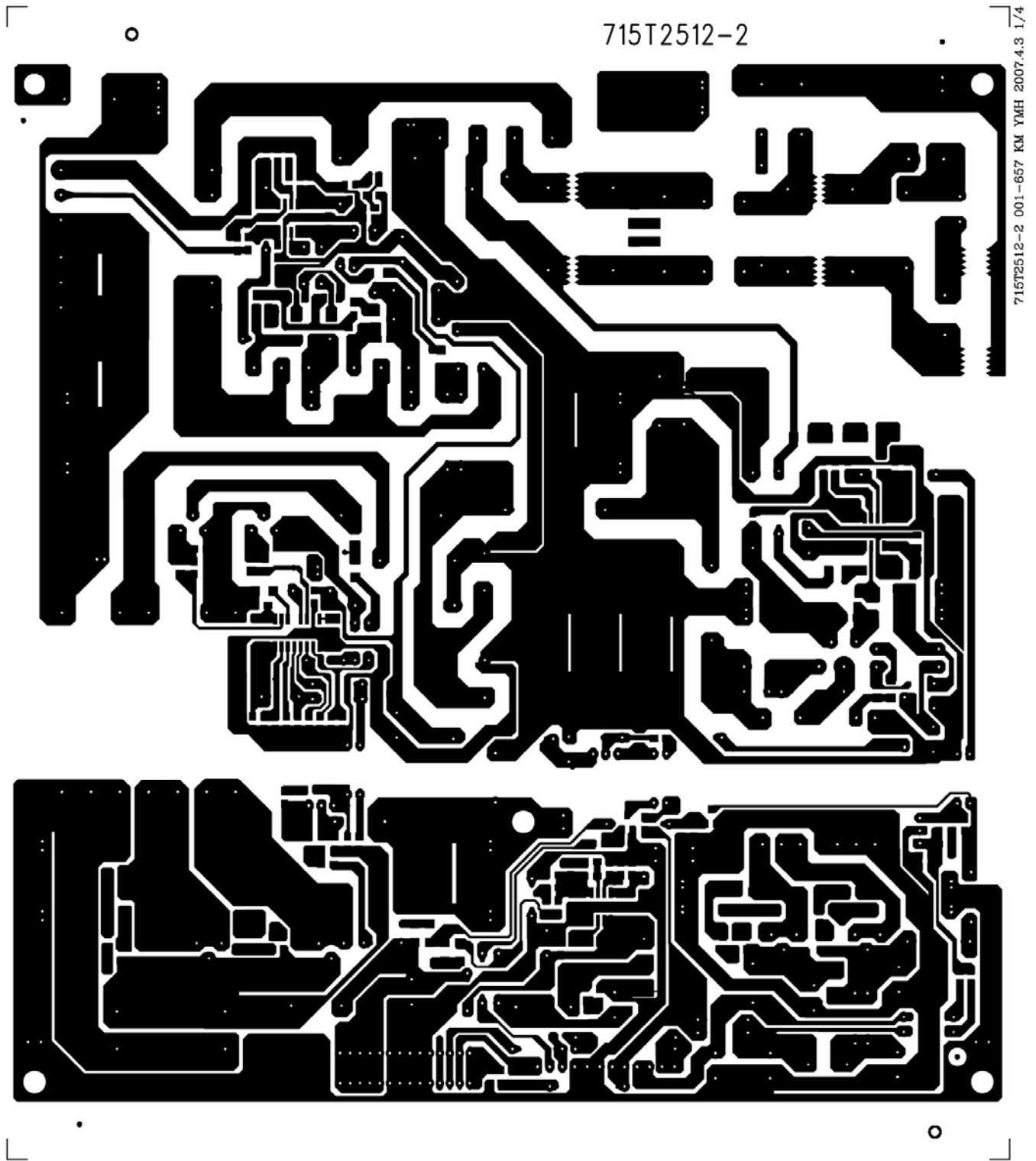
5. Key Board







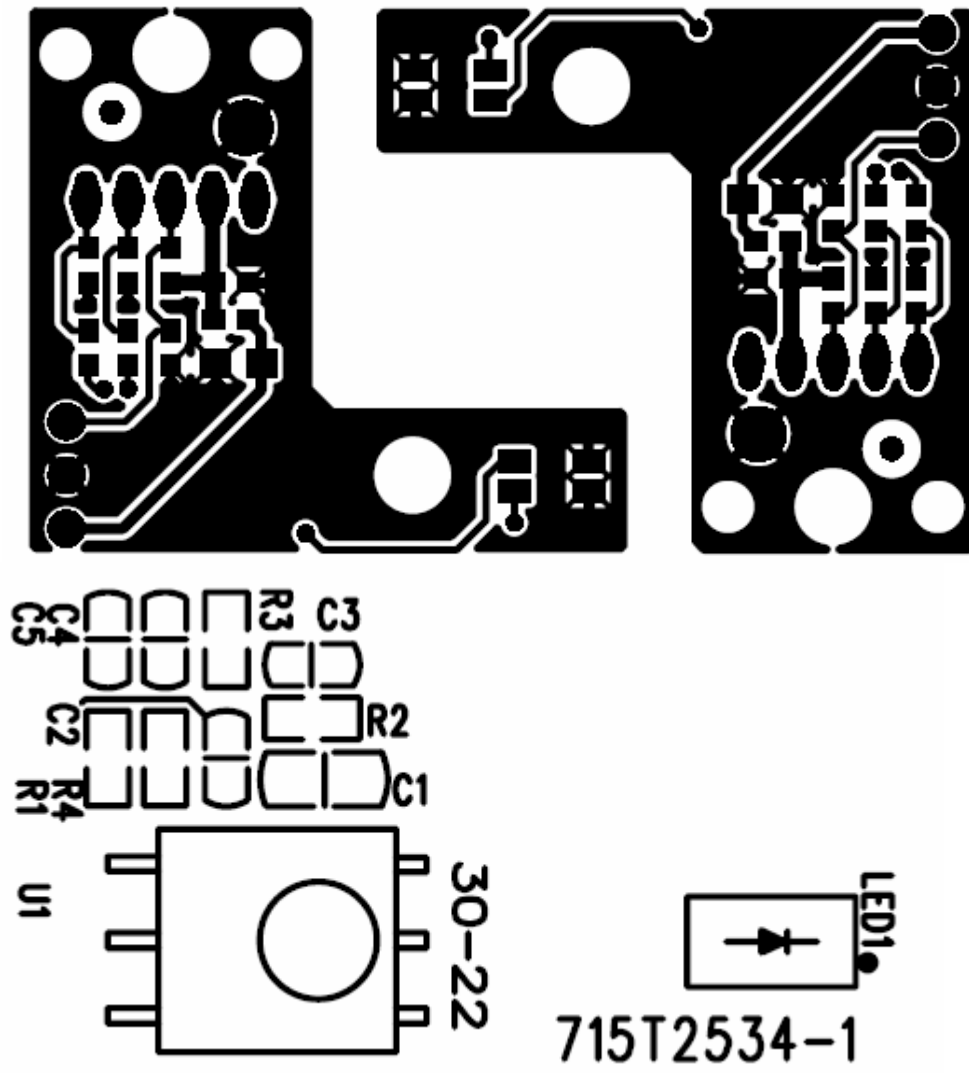
6.2 Power Board



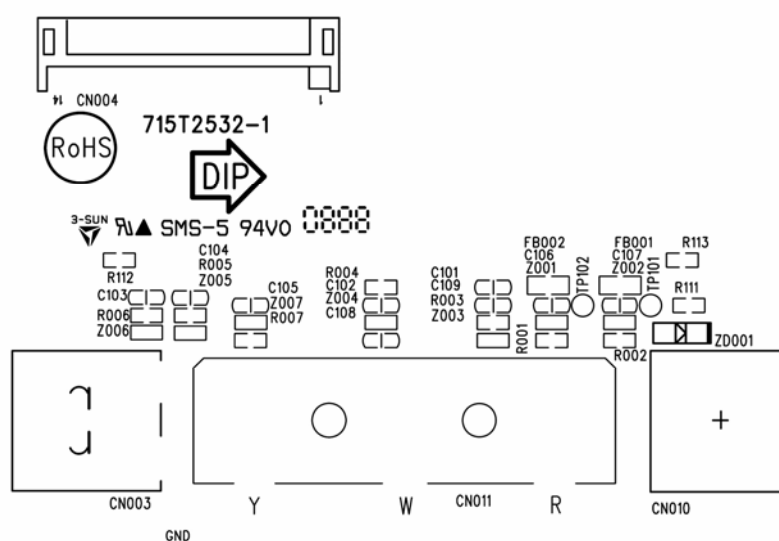
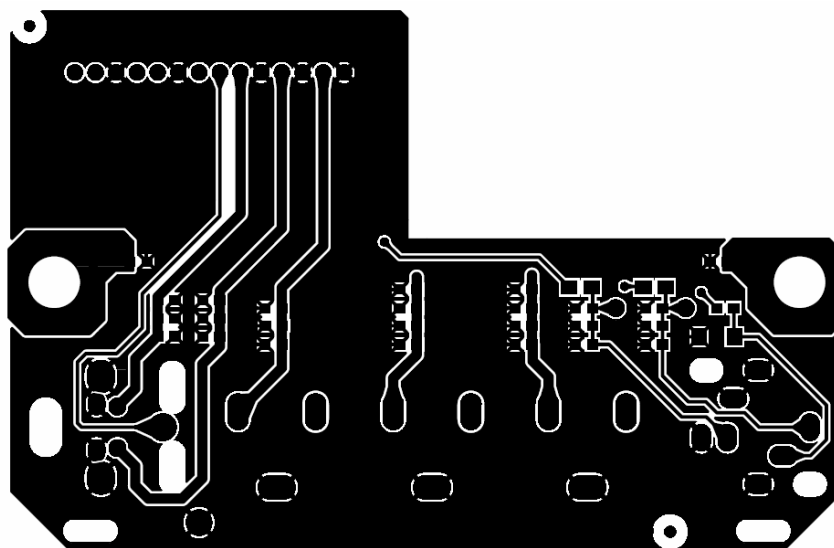
715T2512-2 001-657 KM YMH 2007.4.3 4/4



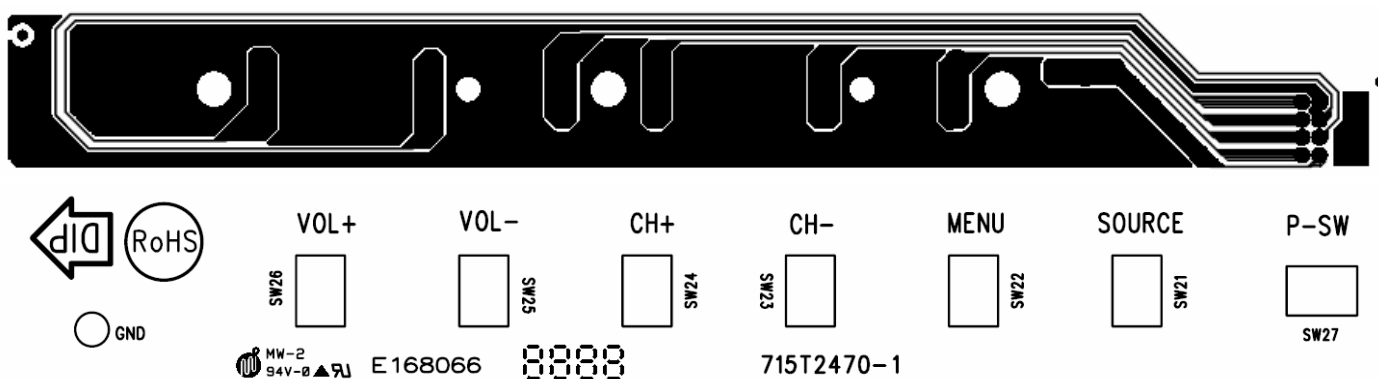




6.4 Side Board



6.5 Key Board



7. White Balance, Luminance Adjustment

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

Please select channel 03 to adjust the white balance.

Color Temp.		Cold	Normal	Warm
PC MODE	x	289	299	313
	y	304	315	329
	Y	450	450	450
AV MODE	x	289	299	313
	y	304	315	329
	Y	450	450	450
HDMI	x	289	299	313
	y	304	315	329
	Y	450	450	450
COMPONENT (1080i/720p 480i/480p)	x	289	299	313
	y	304	315	329
	Y	450	450	450

Note: The tolerance of the color coordinates should be less than ± 20 .

How to setting MEM. channel you can reference to Chroma-7120 user guide or simple use "SC" key and "NEXT" key to modify x, y, Y value and use "ID" key to modify the TEXT description.
Following is the procedure to do white-balance adjust

Note: Step of AV, HDMI, COMPONENT1080i,720p 480i,480p mode adjustment is the same as PC mode

PC mode:

I . In the TV mode adjust volume to zero and press number key 9 → 8 → 7 → 6. It will achieve the factory mode. Select the item of White Balance and press right key to enter it.

In the White Balance you can adjust 8 items.

1-3 items is RO, GO, BO → R, G, B Bias adjust.

4-6 items is RG, GG, BG → R, G, B Gain adjust.

7 item needn't adjust

8 items is color temperature select: Cool, Normal, and Warm.

II . Bias (Low luminance) adjustment:

1. Set the raster pattern (Black pattern with 1024×768) Input.

2. Adjust the brightness on OSD until chroma 7120 measurement reach the lowest value.

III. Gain adjustment:

A. Adjust Cold color-temperature:

1. Set the Contrast of OSD function to 80 and Adjust Brightness to chroma-7120 $Y > 450 \text{ cd/m}^2 \pm 30 \text{ cd/m}^2$
2. Switch the chroma-7120 to RGB-mode (with press "MODE" button)
3. Switch the MEM. channel to Channel 03 (with up or down arrow on chroma-7120)
4. The LCD-indicator on chroma-7120 will show $x = 289, y = 304, Y > 450 \text{ cd/m}^2 \pm 30 \text{ cd/m}^2$
5. Adjust the 4 item: RG, until chroma 7120 indicator reached the value $R=100$
6. Adjust the 5 item: GG, until chroma-7120 indicator reached the value $G=100$
7. Adjust the 6 item: BG, until chroma-7120 indicator reached the value $B=100$
8. Repeat above procedure until chroma-7120 RGB value meet the tolerance $=100 \pm 2$
9. Switch the chroma-7120 to x, y, Y mode with press "MODE" button to check the color temp is in SPEC. or not.
10. Enter the 8 item to select another color temperature to adjust.

B. Adjust Normal color-temperature:

1. Set the Contrast of OSD function to 80 and Adjust Brightness to chroma-7120 $Y > 450 \text{ cd/m}^2 \pm 30 \text{ cd/m}^2$
2. Switch the chroma-7120 to RGB-mode (with press "MODE" button)
3. Switch the MEM. channel to Channel 03 (with up or down arrow on chroma-7120)
4. The LCD-indicator on chroma-7120 will show $x = 299, y = 315, Y > 450 \text{ cd/m}^2 \pm 30 \text{ cd/m}^2$
5. Adjust the 4 item: RG, until chroma 7120 indicator reached the value $R=100$
6. Adjust the 5 item: GG, until chroma-7120 indicator reached the value $G=100$
7. Adjust the 6 item: BG, until chroma-7120 indicator reached the value $B=100$
8. Repeat above procedure until chroma-7120 RGB value meet the tolerance $=100 \pm 2$
9. Switch the chroma-7120 to x, y, Y mode with press "MODE" button to check the color temp is in SPEC. or not.
10. Enter the 8 item to select another color temperature to adjust.

C. Adjust Warm color-temperature:

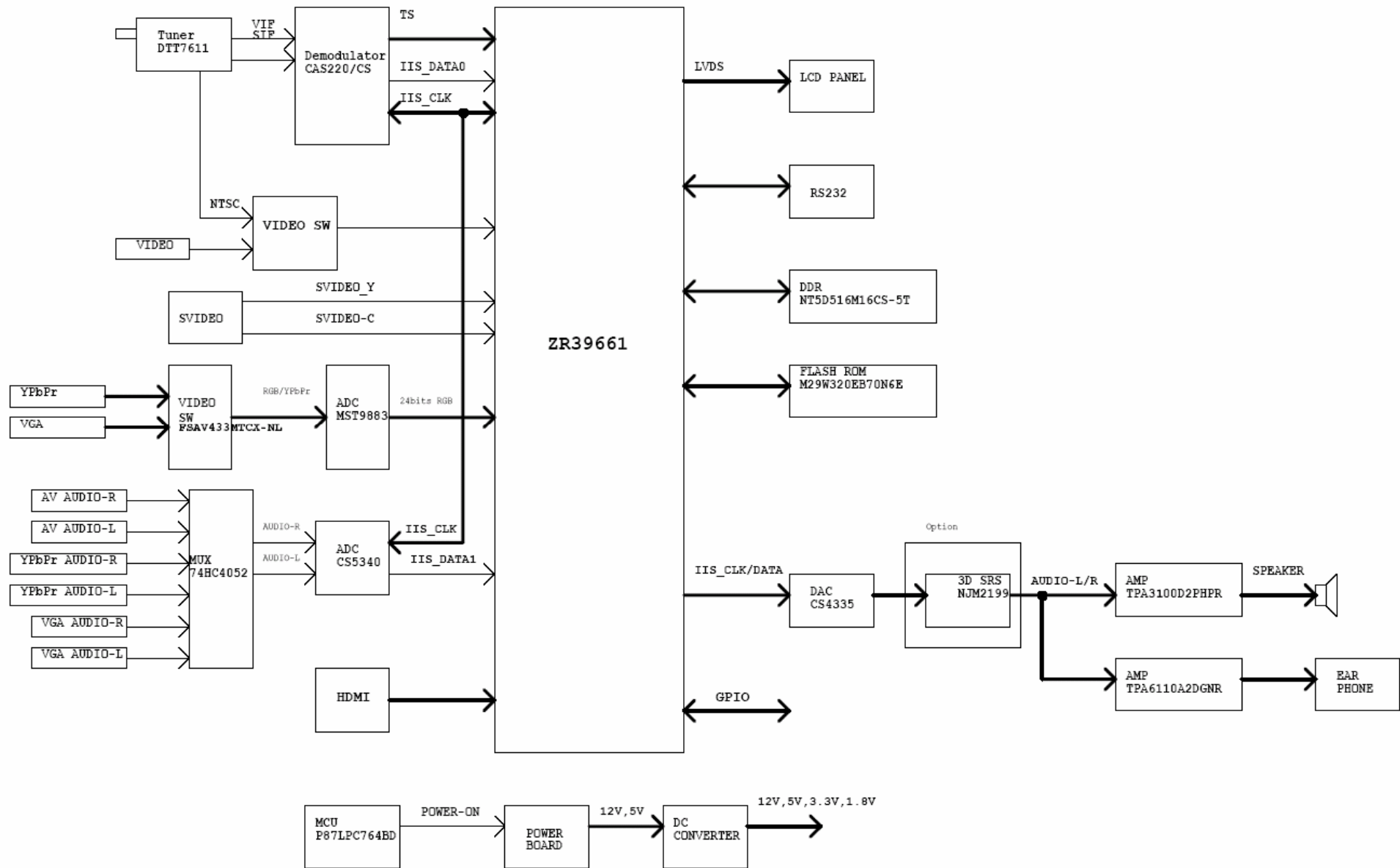
1. Set the Contrast of OSD function to 80 and Adjust Brightness to chroma-7120 $Y > 450 \text{ cd/m}^2 \pm 30 \text{ cd/m}^2$
2. Switch the chroma-7120 to RGB-mode (with press "MODE" button)
3. Switch the MEM. channel to Channel 03 (with up or down arrow on chroma-7120)
4. The LCD-indicator on chroma-7120 will show $x = 313, y = 324, Y > 450 \text{ cd/m}^2 \pm 30 \text{ cd/m}^2$
5. Adjust the 4 item: RG, until chroma 7120 indicator reached the value $R=100$
6. Adjust the 5 item: GG, until chroma-7120 indicator reached the value $G=100$
7. Adjust the 6 item: BG, until chroma-7120 indicator reached the value $B=100$
8. Repeat above procedure until chroma-7120 RGB value meet the tolerance $=100 \pm 2$
9. Switch the chroma-7120 to x, y, Y mode With press "MODE" button to check the color temp is in SPEC. or not.
10. Enter the 8 item to select another color temperature to adjust.

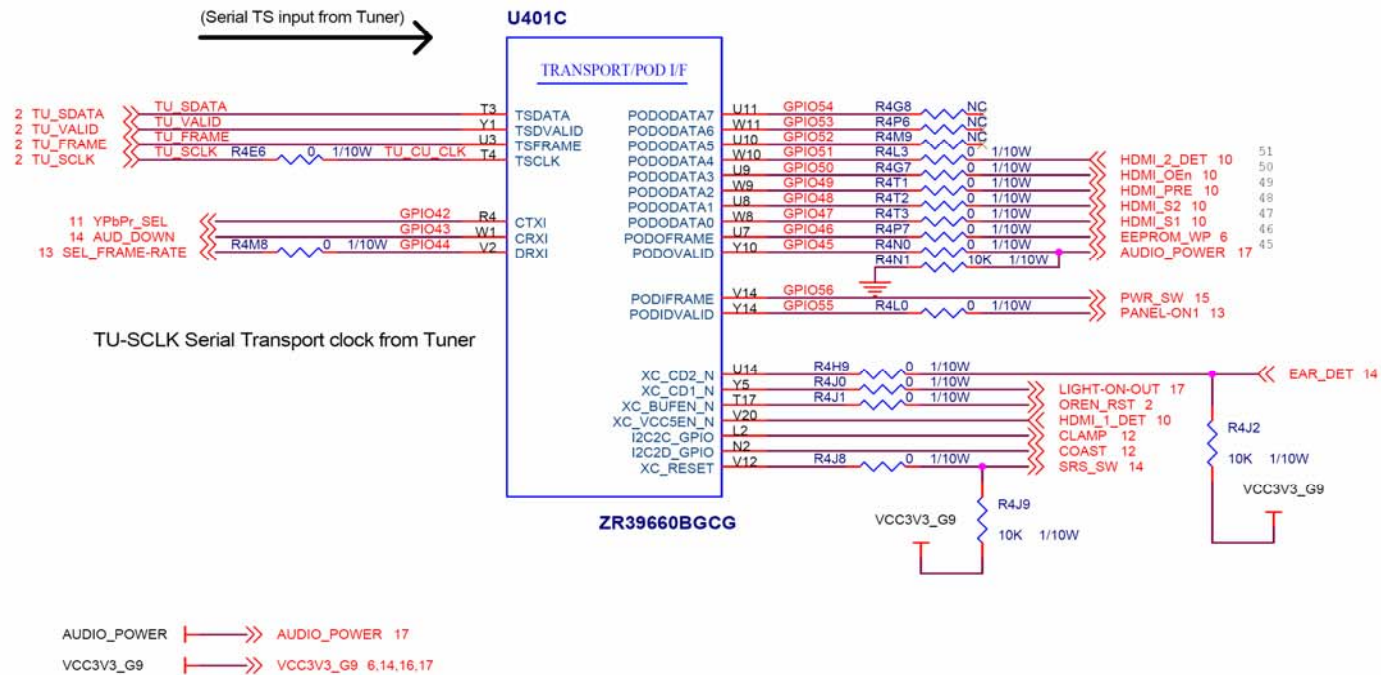
IV. Switch different source:

Press the source key on the remote control to switch different source to adjust the AV, HDMI, COMPONENT 480i and COMPONENT 480p mode.

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

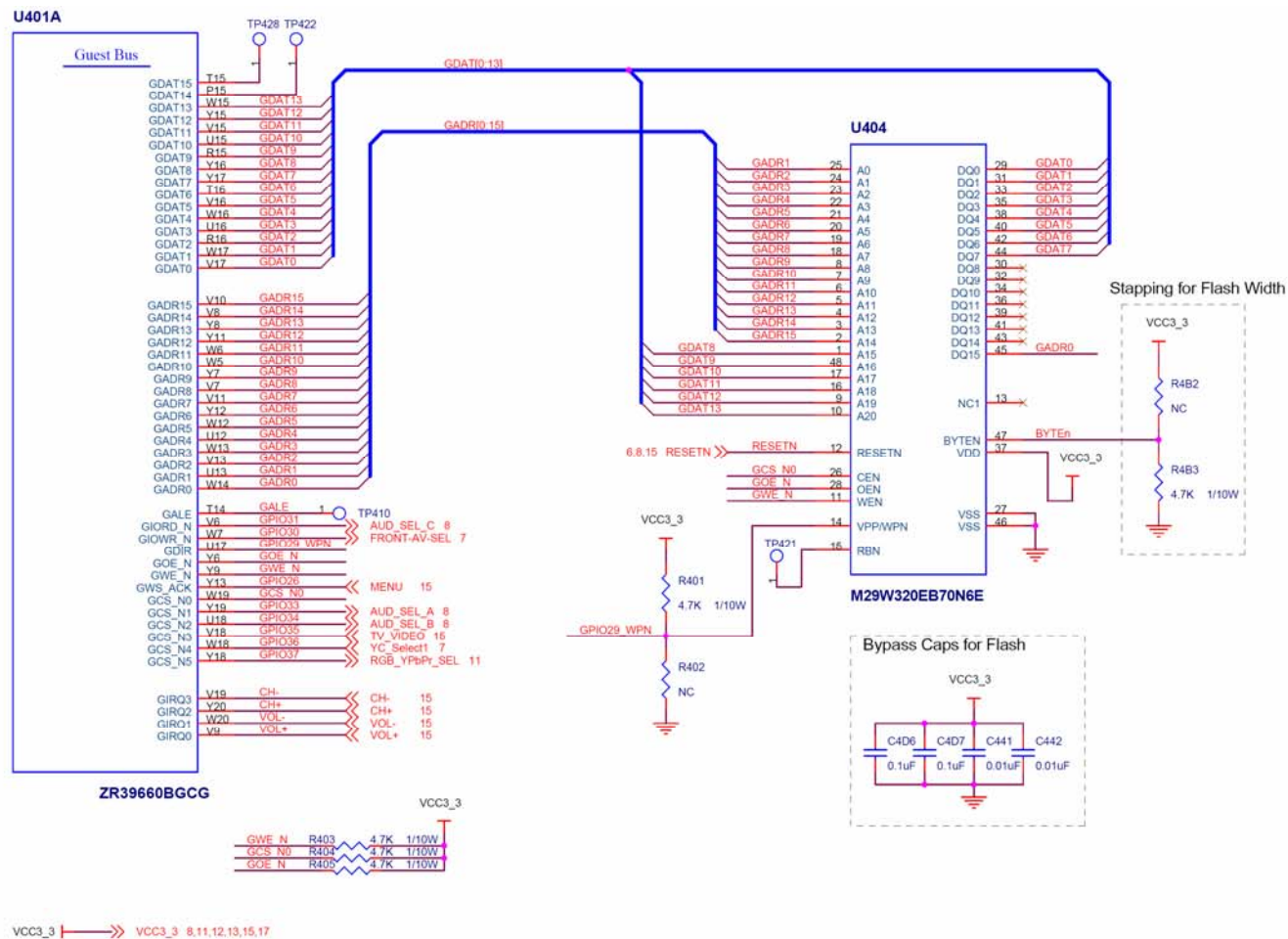
8. Block Diagram





TS Interface & Connector

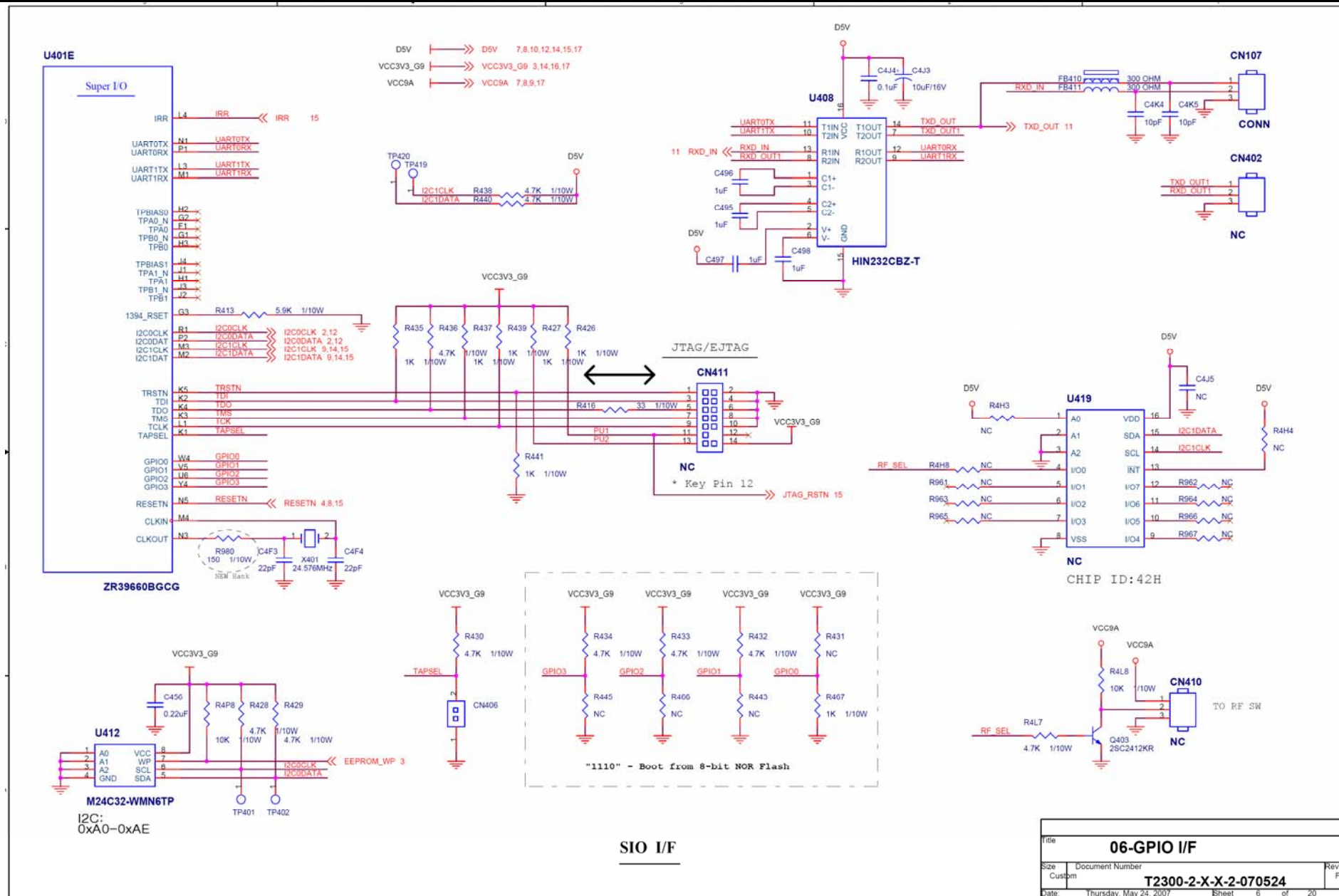
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03-TS I/F and Connector			
Size	Document Number		Rev
Custom	T2300-2-X-X-2-070524		F
Date:	Thursday, May 24, 2007	Sheet	3 of 20



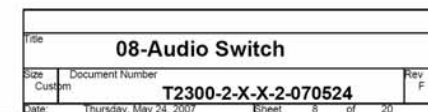
Guest Bus Interface

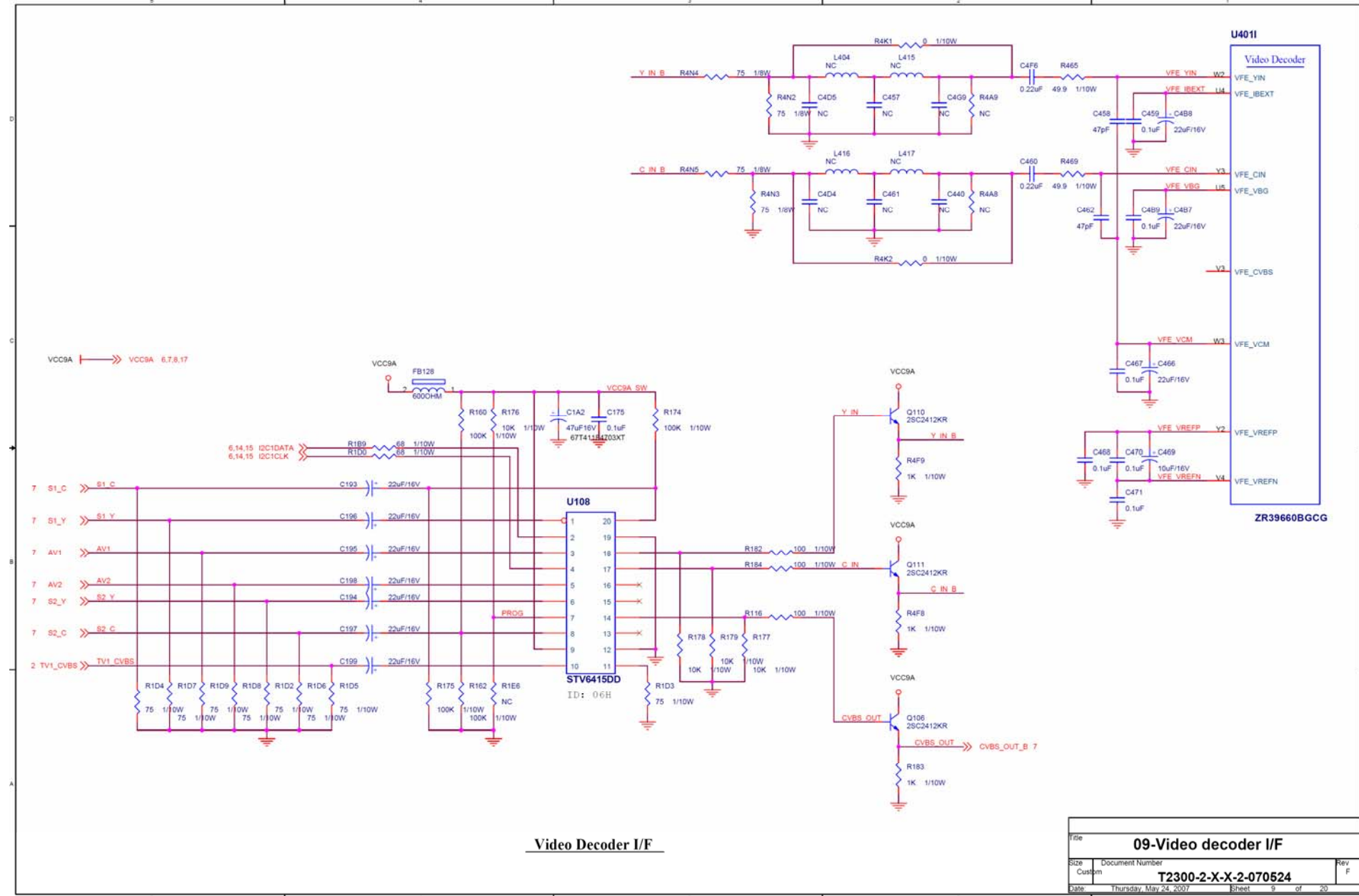
Title			04-Guest Bus I/F
Size	Custom	Document Number	T2300-2-X-X-2-070524
Date	Thursday, May 24, 2007	Sheet	4 of 20

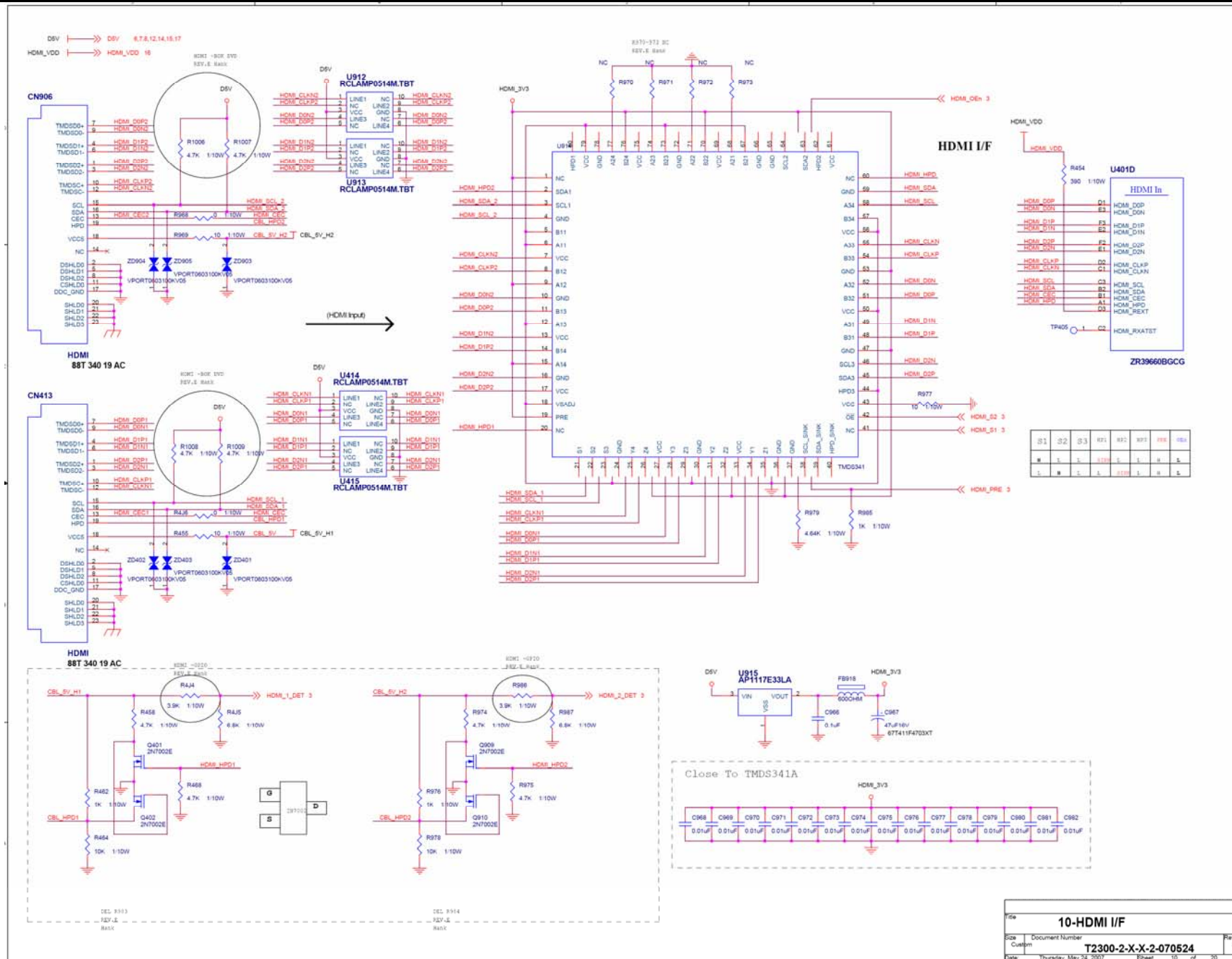






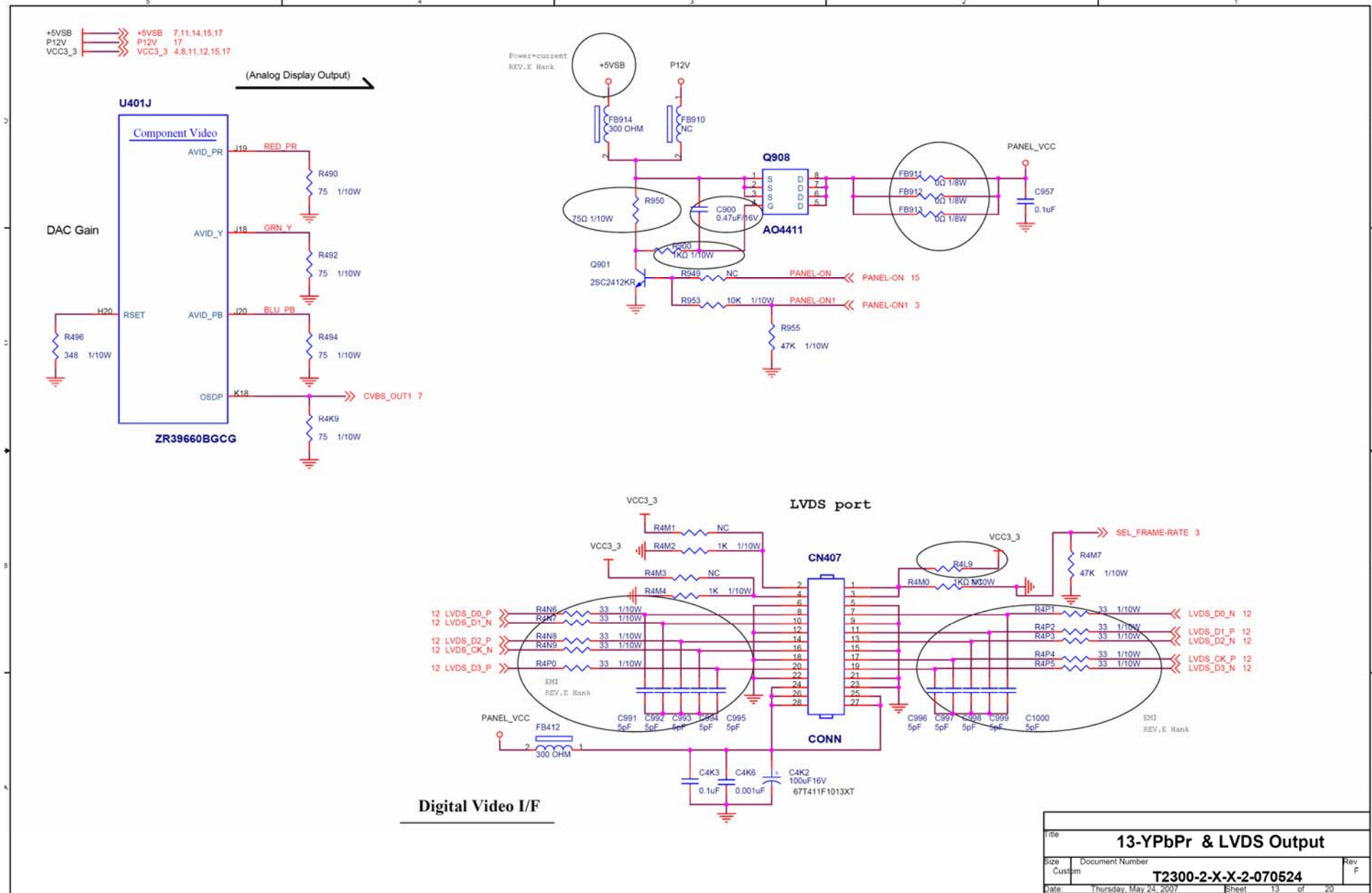


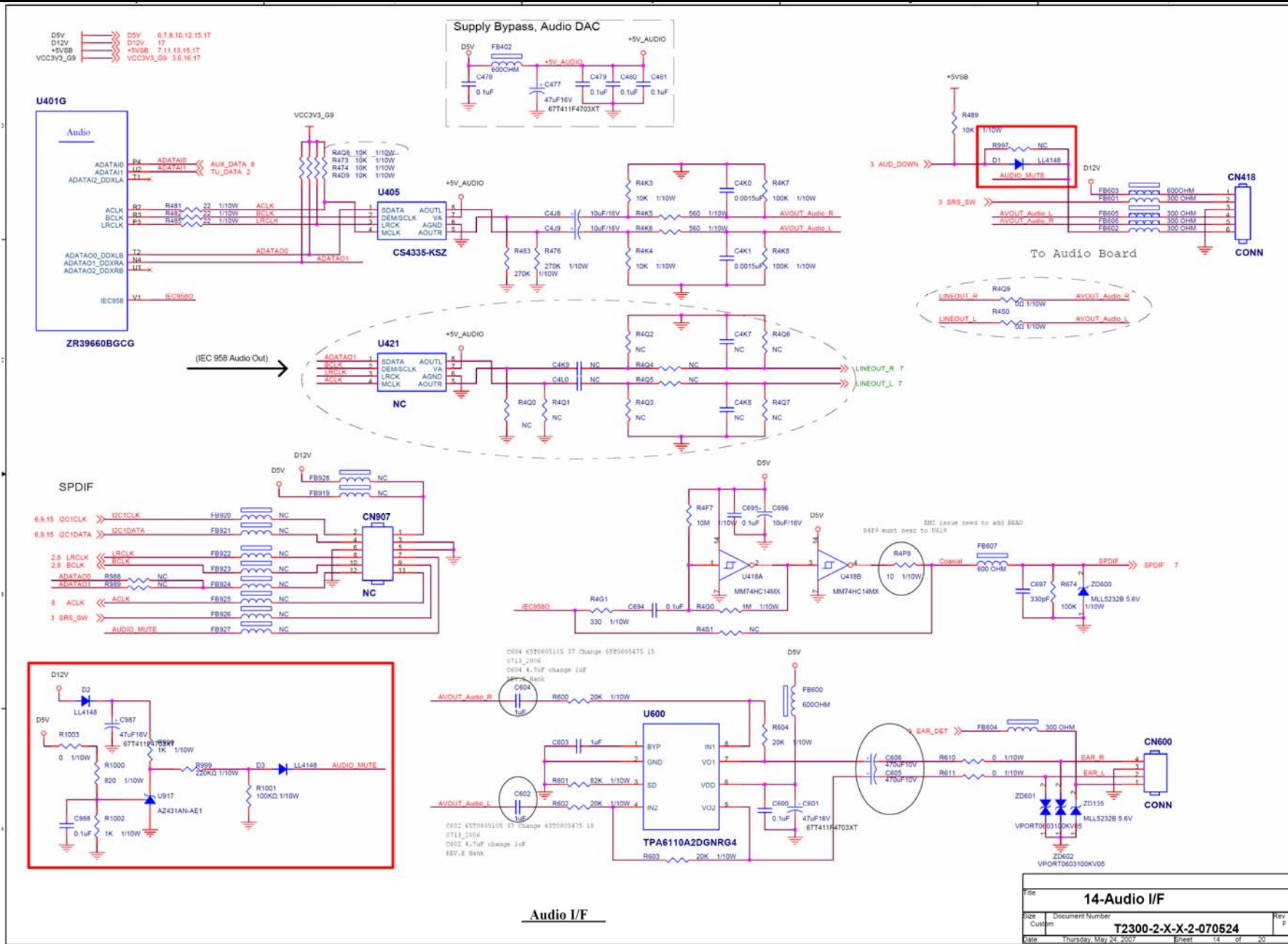




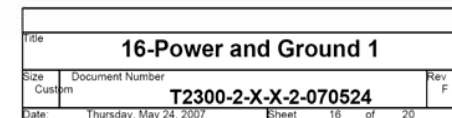


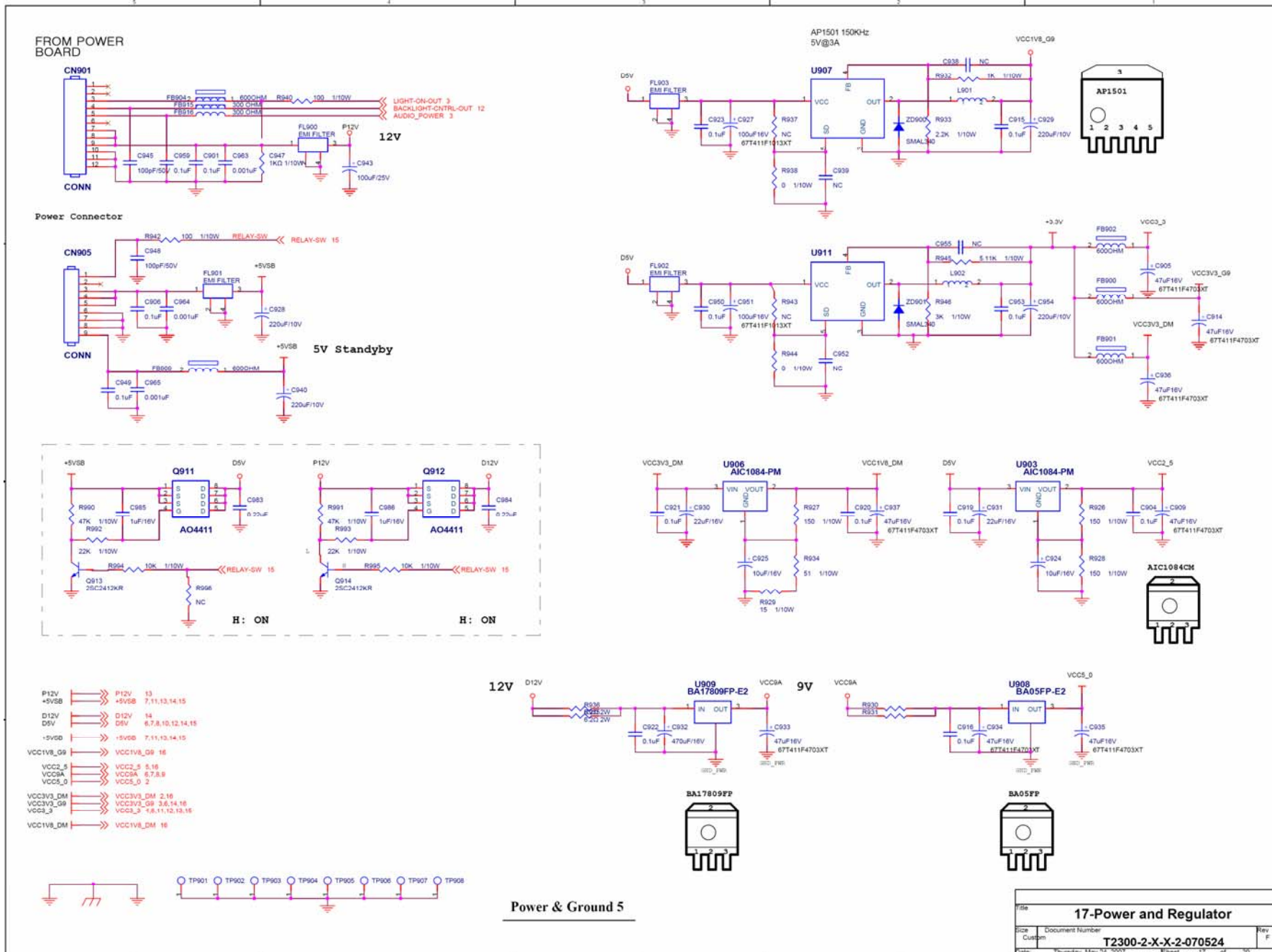




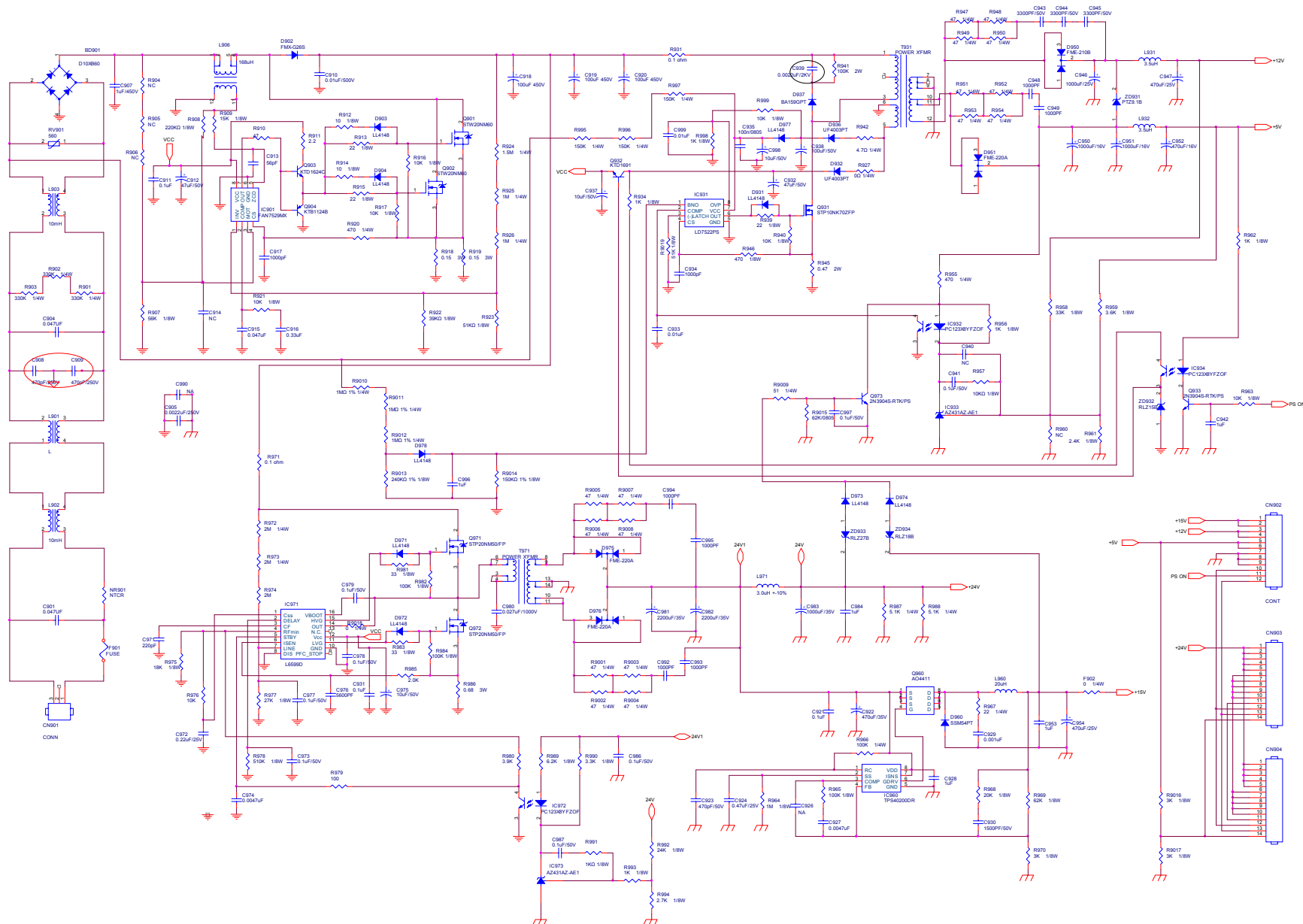




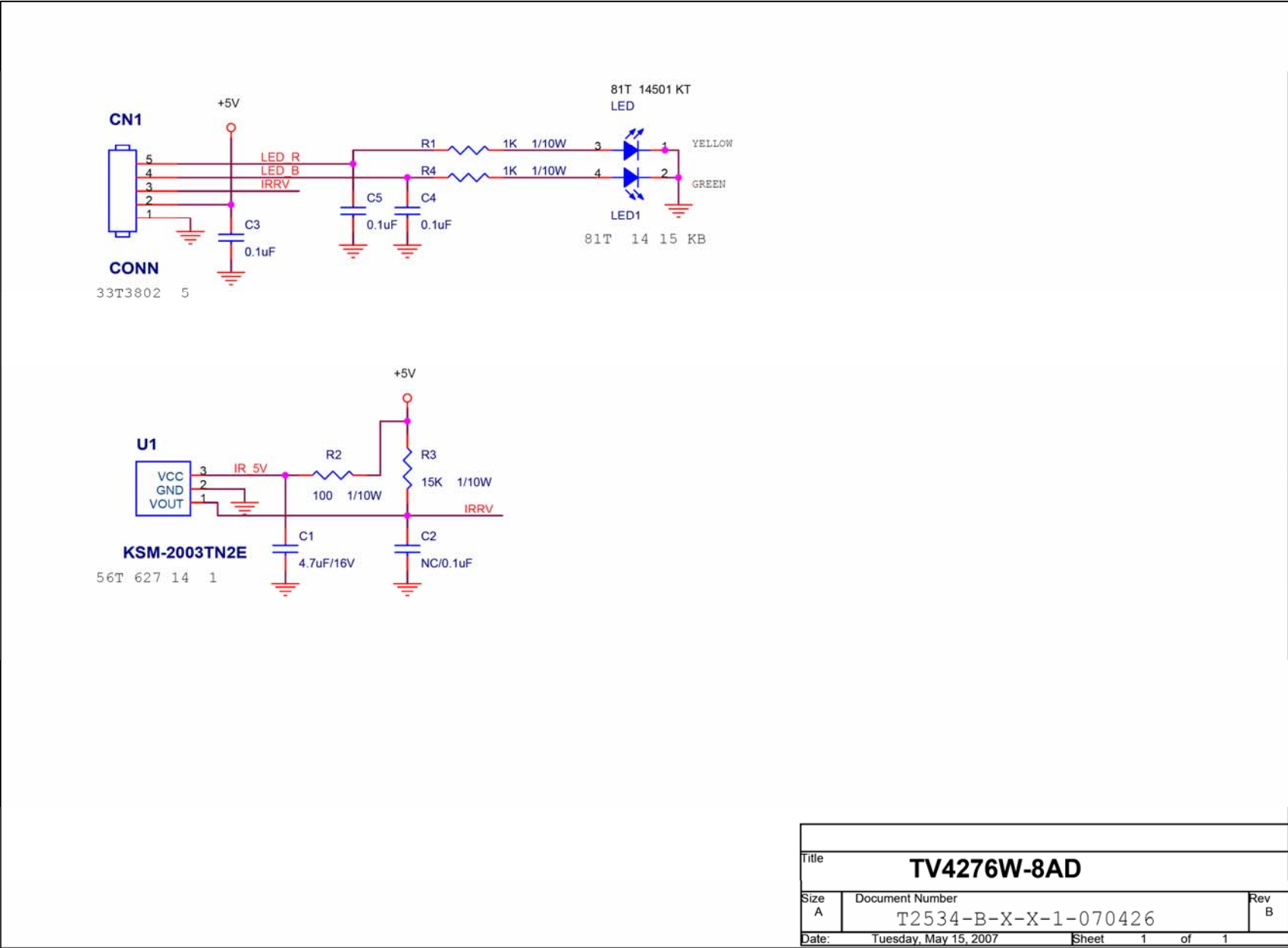




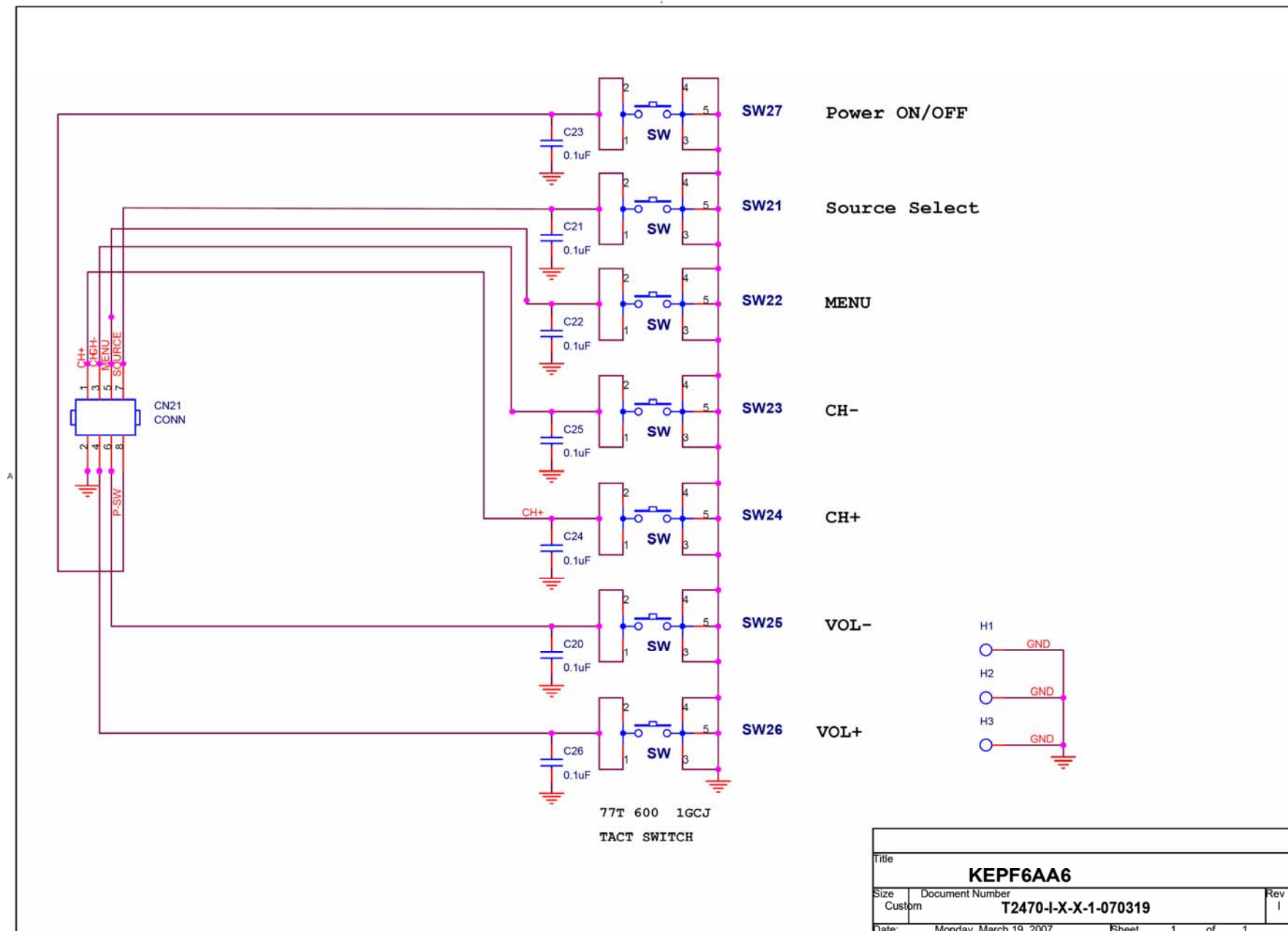
9.2 Power Board



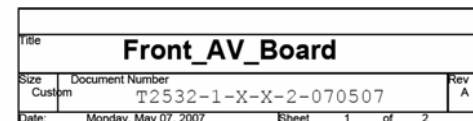
TPV (Top Victory Electronics Co., Ltd.)	OEM MODEL	Size	Custom
訪問先名称	T2512-1-X-X2-070403	TPV MODEL	Rev 1
Key Component	02 POWER	PCB NAME	715T2512-2
Date	Wednesday Mar 22, 2007	Sheet	3 of 3
		対象	<対象>



Title			
TV4276W-8AD			
Size	Document Number		Rev
A	T2534-B-X-X-1-070426		B
Date:	Tuesday, May 15, 2007	Sheet	1 of 1



Title		
KEPF6AA6		
Size	Document Number	Rev
Custom	T2470-I-X-X-1-070319	I
Date:	Monday, March 19, 2007	Sheet 1 of 1





10. Exploded View

E427AZNS2WA2NN

ITEM	PART NO.	DIRECTION	QUANTITY
1	00116020	1	6,000
2	0011 930	4120	28,000
3	0011 940	6120	12,000
4	0011 940	8 47 CR3	8,000
5	00111140	6120	1,000
6	00111730	6120	14,000
7	0011 330	6120	2,000
8	0011 330	8 47 CR3	1,000
9	0011 930	6120	8,000
10	0011 940	10120	18,000
11	0011 940	16 47 CR3	30,000
12	0011840	10120	4,000
13	A15T0174A02	BKT PCB HOLDER	1,000
14	A15T0175	2	1,000
15	A33T0141	1 IC	1,000
16	A33T0142	ED IC	1,000
17	A34T0281	RGB IL 30	1,000
18	AR5T0051	1	1,000
19	Q15T0146A01	BKT CONNECT L	2,000
20	Q15T0147A01	BKT CONNECT R	2,000
21	Q15T0150A01	SUPPORT L	1,000
22	Q15T0151A01	SUPPORT R	1,000
23	0011 930	6120	2,000
24	Q15T0152	BKT VIDEO	1,000
25	Q15T6184	1	1,000
26	A34T0282	GMA1A 30	1,000
27	A34T0283	GM 1A	1,000
28	0011 930	6120	2,000
29	0011 130	8120	8,000
30	A34T0284	KG IL 33	1,000
31	A34T0285	KG IL	1,000
32	Q12T7027	1	6,000
33	Q15T0145A01	BASE PLATE A1	2,000
34	Q15T0149A01	BKT STAND	2,000
35	0011 930	6120	3,000
36	A33T0138	GMB IL 30	1,000
37	A33T0139	AI IL	1,000
38	0011 130	6 47 CR3	2,000
39	A15T0176A02	BKT IO BOTTOM	1,000

11. BOM List

E427AZNS2WA2NN

Location	TPV Part No.	Description
	001T6020 1	SCREW-SPE CIAL
	026T 800504 3	BARCODE LABEL
	033T 465 1	CLIP JOINTER
	041T780061532C	SA CENTER LIST
	044T6002709 3A	PAPER BOARD
	044T9003 3	CORNER PAPER
	050T 500 1	CABLE TIE
	052T 1185	MIDDLE TAPE FOR CARTON
	052T 1186	SMALL TAPE
	052T 1207 A	ALUMINIUM TAPE
	052T 1211 A	ADHESIVE TYPE
	052T 1211 B	ADHESIVE TYPE
	052T6019 1	YELLOW TAPE
	089T 17356G554	AUDIO CABLE
	089T 725HAA 1	SIGNAL CBALE
	089T402A15N IS	POWER CORD
	092TB1JX1A21GM	BATTERY LR06 XINLI
	095T8013 3 38	WIRE HARNESS
	095T8013 2D 58	HARNESS 2P 900MM
	095T8013 3D 55	HARNESS 3P 850MM
	095T8013 3D 63	HARNESS 3P 430MM
	095T8013 6D 30	HARNESS 6P-6P 230M
	095T801313D 12	HARNESS 13P-5P+ 8P 1050MM
	095T801412D 84	HARNESS 12P+ 4P+ 9P-12P 340MM
	095T801414D 88	HARNESS 14P-10P+4P 950MM
	095T801414D 89	HARNESS 14P-14P 380MM
	095T801830D156	HARNESS 30P-28P 250MM
	098TR7BDINEACF	REMOTE FUHUA FOR AOC
	0M1T 930 4120	SCREW
	0M1T 940 6120	SCREW
	0M1T 940 8 47 CR3	SCREW
	0M1T1140 6120	SCREW 4*6MM
	0M1T1730 6120	SCREW 3*6MM
	0Q1T 330 6120	SCREW
	0Q1T 330 8 47 CR3	SCREW
	0Q1T 930 6120	SCREW
	0Q1T 940 10120	SCREW
	0Q1T 940 16 47 CR3	SCREW
	0Q1T1840 10120	SCREW
	705TQ715040	BKT ASS'Y
	0M1T 930 6120	SCREW M3-0.5X6
	PTPF7AA6	SIDE BOARD
CN004	033T380214H	WAFER
CN010	088T 30221T CL	PHONE JACK 7PIN DARK GARY
CN011	088T 78Z 3Y C	RCA JACK VERTICAL 1*3 Y/W/R
CN003	088T100Z 51CL	S-5
R111	061T0603000	CHIP 0OHM 1/16W
R112	061T0603000	CHIP 0OHM 1/16W
R113	061T0603000	CHIP 0OHM 1/16W
R003	061T0603473	CHIP 47KOHM 1/16W
R002	061T0603473	CHIP 47KOHM 1/16W
R001	061T0603473	CHIP 47KOHM 1/16W
R004	061T0603473	CHIP 47KOHM 1/16W

C101	065T0603101 31	CHIP 100PF 50V NPO
C102	065T0603101 31	CHIP 100PF 50V NPO
C107	065T0603101 31	CHIP 100PF 50V NPO
C105	065T0603101 31	CHIP 100PF 50V NPO
C106	065T0603101 31	CHIP 100PF 50V NPO
C104	065T0603101 31	CHIP 100PF 50V NPO
C103	065T0603101 31	CHIP 100PF 50V NPO
C108	065T0603102 32	CHIP 1000PF 50V X7R
C109	065T0603102 32	CHIP 1000PF 50V X7R
FB001	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB002	071T 56G301 EA	CHIP BEAD 300 OHM 0805
Z007	093T 64 37 N	V-PORT-0603-100K V05
Z006	093T 64 37 N	V-PORT-0603-100K V05
Z005	093T 64 37 N	V-PORT-0603-100K V05
Z004	093T 64 37 N	V-PORT-0603-100K V05
Z003	093T 64 37 N	V-PORT-0603-100K V05
Z002	093T 64 37 N	V-PORT-0603-100K V05
Z001	093T 64 37 N	V-PORT-0603-100K V05
	715T2532 1	SIDE BOARD PCB
	Q15T0152 1	BKT_VIDEO
	Q36T 600 37 1	HIMERON
	705TQ734115	REAR COVER ASS'Y
	A34T0282 GMA1A 30	REAR COVER 42"
	A34T0283 GM 1A	COVER_SPK
	Q36T 600 35 16	HIMERON
	Q36T 600 36 13	HIMERON
	Q36T 600 37 1	HIMERON
	Q36T 600 37 15	CLOTH_GRIDDING
	Q36T 600 37 16	HIMERON
	Q36T 600 43 1	HIMERON
	Q36T 600 46 1	HIMERON
	Q44T3231 21 29	EVA WASHER
	705TQ734116	STAND/BASE ASS'Y
	0M1T 930 6120	SCREW M3-0.5X6
	0Q1T 130 8120	SCREW
	A34T0284 KG 1L 33	BASE_S1
	A34T0285 KG 1L	STAND_A1
	Q12T7027 1	RUBBER FOOT
	Q15T0145A01	BASE PLATE A1
	Q15T0149A01	BKT STAND
	705TQ734267	BEZEL ASS'Y
	078T 451 5	SPEAKER 8 OHM 15W 150X57.5MM
	0Q1T 930 6120	SCREW
	A33T0138 GMB1L 30	COVER_FUNCTION
	A33T0139 AI 1L	BUTTON_FUNCTION
	IRPF7QA4	IR BOARD
CN1	033T3802 5	AUDIO IN
U1	056T 627 14 1	IC KSM-2003TN2E 37.9KHZ
R2	061T0603101	CHIP 100OHM 1/16W
R1	061T0603102	CHIP 1K OHM 1/16W
R4	061T0603102	CHIP 1K OHM 1/16W
R3	061T0603153	RST CHIPR 15 KOHM +-5% 1/10W
C5	065T0603104 32	CHIP 0.1UF 50V X7R
C3	065T0603104 32	CHIP 0.1UF 50V X7R
C4	065T0603104 32	CHIP 0.1UF 50V X7R
C1	065T0805475 15	CHIP 4.7UF 16V X5R

LED1	081T 14501 KT	LED
	715T2534 1	IR BOARD PCB
	KEPF6AA6	KEY BOARD
CN21	033T8027 8 H	WAFER
SW25	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW26	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW27	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW23	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW24	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW22	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW21	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
C24	065T0603104 32	CHIP 0.1UF 50V X7R
C25	065T0603104 32	CHIP 0.1UF 50V X7R
C26	065T0603104 32	CHIP 0.1UF 50V X7R
C22	065T0603104 32	CHIP 0.1UF 50V X7R
C23	065T0603104 32	CHIP 0.1UF 50V X7R
C21	065T0603104 32	CHIP 0.1UF 50V X7R
C20	065T0603104 32	CHIP 0.1UF 50V X7R
	715T2470 1	KEY BOARD PCB
	Q44T3121510528	PU FOAM
	705TQ787009	AC SOCKET ASS'Y
	087T 501 7	AC SOCKET 3PIN
	095T 900 42	WIRE HARNESS
	096T 29 6	SHRINK TUBE UL/CSA
	0M1T 130 6 47 CR3	SCREW
	A15T0176A02	BKT_IO_BOTTOM
	PTPFFA2P	PLUG BOARD
CN108	033T3278 3	WAFER
CN109	088T 353 9M H	DB9 RIGHT AMGLE MALE
PCB	715T1877 1	CONNECT BOARD PCB
	750TVUT0W1511N	PANEL T420XW01 V500 TW AUO
	A15T0174A02	BKT_PCB HOLDER
	A15T0175 2	BKT-IO-TOP
	A33T0141 1 1C	POWER LENS
	A33T0142 ED 1C	IR LENS
	A34T0281 KGB1L 30	BEZEL_TV42W-7A1
	A85T0051 1	COVER-SHIELD
	ADPC24250E1P	ADAPTER BOARD
CN902	033T3278 12	12P PLUG B12B-XHA/JS B12B-XHA/
CN903	033T3802 10	PLUG
CN904	033T3802 14	CONN
CN901	033T8029 3A	WAFER 2P 3.96MM
	040T 45762420A GP	S/N LABEL
IC932	056T 139 3B	IC PC123Y82FZ0F
IC934	056T 139 3B	IC PC123Y82FZ0F
IC972	056T 139 3B	IC PC123Y82FZ0F
Q932	057T 761 7	KTD1691P
R945	061T 2J47864D	RST WWR 0.47 OHM +-5% 2W
RV901	061T 46 17	VARISTOR 560V TNR14V561K
R918	061T 20K158GB1	RST CEMENTR 0.15 OHM +-10% 5W
R919	061T 20K158GB1	RST CEMENTR 0.15 OHM +-10% 5W
R971	061T 303108 59	RST FUSER 0.1 OHM +-5% 1W
R931	061T 303108 64	RST FUSER 0.1 OHM +-5% 1W
R941	061T152M104 64	100K0HM2W
R986	061T153M688 59	RST MOFR 0.68 OHM +-5% 3WS
C904	063T107K474 US	X2 CAP 0.47UF K 275VAC

C901	063T107K474 US	X2 CAP 0.47UF K 275VAC
C980	063T210J2735C2	MPP 27NF J 1000V
C907	063T213J105GFA	MPF CAP
C939	065T 2K222 1A6921	CAP CER 2200PF K 2KV
C908	065T306K4712BP	470PF +-10% 250VAC
C909	065T306K4712BP	470PF +-10% 250VAC
C905	065T306M2222BP	Y1.CAP.0022UF 250V AC
C910	065T517K103 2B GP	CK45B2H103KYJ 0.01UF 500V
C920	067T 40C10115K	EC CAP 100UF 450V 18*35MM
C919	067T 40C10115K	EC CAP 100UF 450V 18*35MM
C918	067T 40C10115K	EC CAP 100UF 450V 18*35MM
C981	067T215D2226KV	EC CAP 2200UF 35V 18*25MM
C982	067T215D2226KV	EC CAP 2200UF 35V 18*25MM
C947	067T215D4714KV	EC 105°C CAP 470UF M 25V
C954	067T215D4714KV	EC 105°C CAP 470UF M 25V
C950	067T215S1023KV	EC 105°C CAP 1000UF M 16V
C951	067T215S1023KV	EC 105°C CAP 1000UF M 16V
C946	067T215S1024KV	EC 105°C CAP 1000UF M 25V
C983	067T215S1026KV	EC CAP 1000UF 35V 12.5*25MM
C952	067T215S4713KV	EC 105°C CAP 470UF M 16V
C922	067T215S4716KV	CAP 105°C 470UF M 35V
L901	073L 174 52 LG	CHOK COIL
L906	073T 174103 YS	PFC CHOK 168UH YS04160066
L902	073T 174105 YS	LINE FILTER 10MH YS04120043
L903	073T 174105 YS	LINE FILTER 10MH YS04120043
L931	073T 253 91 H	CHOK COIL
L932	073T 253 91 H	CHOK COIL
L971	073T 253150 L	CHOCK
L960	073T 253194 L	CHOK COIL 20UH CC-008064
T971	080TL42T 12 YS	X'FMR 500UH YS04160065
T931	080TL42T 13 YS	X'FMR 820UH YS04160067
	705TQ757004	Q931 ASS'Y
Q931	057T 667 21	STP10NK70ZFP
HS8	090T 425502	HEAT SINK
	0M1T1730 8120	SCREW
	705TQ761010	NR901 ASS'Y
NR901	061T 58030 WL	RST NTCR 3 OHM +-20% 5A THINKING
	Q09T 203 8	PIN
	705TQE57001	Q901/Q902/D902 ASS'Y
	012T 372 2	SILICON
Q901	057T 667 25	STW20NM60
Q902	057T 667 25	STW20NM60
D902	093T 220 23	DIODE FMX-G26S TO-220 SANKEN
	0M1T1730 10120	SCREW
	0M1T1730 12128	SCREW
HS2	Q90T0097B01	HEAT SINK
	705TQE57003	Q971/Q972 ASS'Y
Q972	057T 667 29	STP20NM50/FP
Q971	057T 667 29	STP20NM50/FP
	0M1T1730 10120	SCREW
	705TQE93001	D950/D951 ASS'Y
D950	093T 60239	FME-210B TO-220
D951	093T 60247	DIODE FME-220A TO-220 SANKEN
	0M1T1730 8120	SCREW
HS1	Q90T0095A01	HEAT SINK
	705TQE93002	D975/D976 ASS'Y

D976	093T 60247	DIODE FME-220A TO-220 SANKEN
D975	093T 60247	DIODE FME-220A TO-220 SANKEN
	0M1T1730 10120	SCREW
HS4	Q90T0096A01	HEAT SINK
	705TQE93003	BD901 ASS'Y
BD901	093T 50460 18	D10XB60
	0M1T1730 10120	SCREW
HS6	Q90T0132 1	HEAT SINK
IC901	056T 368 12	IC FAN7529MX SOP-8
IC931	056T 379 79	IC LD7522PS SOP-8
IC960	056T 379 84	IC TPS40200DR SOIC-8
IC971	056T 665 10 1	IC RESONANT L6599D SO-16N ST
Q973	057T 417 12 T	TRA 2N3904S-RTK/PS SOT-23 KEC
Q933	057T 417 12 T	TRA 2N3904S-RTK/PS SOT-23 KEC
Q903	057T 761 11	TRA KTD1624C SOT-89 KEC
Q904	057T 761 12	TRA KTB1124B SOT-89 KEC
Q960	057T 763 3	AO4411L SO-8 BY AOS SMT
R912	061T0805100	RST CHIPR 10 OHM +-5% 1/8W
R914	061T0805100	RST CHIPR 10 OHM +-5% 1/8W
R956	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R962	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R998	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R934	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R991	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R993	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R916	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R917	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R921	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R940	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R963	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R999	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R957	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R965	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W
R984	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W
R982	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W
R964	061T0805105	RST CHIPR 1 MOHM +-5% 1/8W
R9014	061T0805150 3F	RST CHIPR 150 KOHM +-1% 1/8W
R909	061T0805153	RST CHIPR 15 KOHM +-5% 1/8W
R975	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W
R968	061T0805203	RST CHIPR 20 KOHM +-5% 1/8W
R913	061T0805220	RST CHIPR 22 OHM +-5% 1/8W
R915	061T0805220	RST CHIPR 22 OHM +-5% 1/8W
R939	061T0805220	RST CHIPR 22 OHM +-5% 1/8W
R908	061T0805224	RST CHIPR 220 KOHM +-5% 1/8W
R961	061T0805240 1F	RST CHIPR 2.4 KOHM +-1% 1/8W
R9013	061T0805240 3F	RST CHIPR 240 KOHM +-1% 1/8W
R992	061T0805243	RST CHIPR 24 KOHM +-5% 1/8W
R994	061T0805272	RST CHIPR 2.7 KOHM +-5% 1/8W
R977	061T0805273	RST CHIPR 27 KOHM +-5% 1/8W
R970	061T0805302	RST CHIPR 3 KOHM +-5% 1/8W
R9016	061T0805302	RST CHIPR 3 KOHM +-5% 1/8W
R9017	061T0805302	RST CHIPR 3 KOHM +-5% 1/8W
R983	061T0805330	RST CHIPR 33 OHM +-5% 1/8W
R981	061T0805330	RST CHIPR 33 OHM +-5% 1/8W
R958	061T0805330 2F	RST CHIPR 33 KOHM +-1% 1/8W
R990	061T0805332	RST CHIPR 3.3 KOHM +-5% 1/8W

R959	061T0805360 1F	RST CHIPR 3.6 KOHM +-1% 1/8W
R922	061T0805393	RST CHIPR 39 KOHM +-5% 1/8W
R946	061T0805471	RST CHIPR 470 OHM +-5% 1/8W
R9019	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W
R923	061T0805513	RST CHIPR 51 KOHM +-5% 1/8W
R978	061T0805514	RST CHIPR 510KOHM +-5% 1/8W
R907	061T0805563	RST CHIPR 56 KOHM +-5% 1/8W
R969	061T0805620 2F	RST CHIPR 62 KOHM +-1% 1/8W
R9015	061T0805620 2F	RST CHIPR 62 KOHM +-1% 1/8W
R989	061T0805622	RST CHIPR 6.2 KOHM +-5% 1/8W
R9018	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
F902	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
R927	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
R9010	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W
R925	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W
R9012	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W
R9011	061T1206100 4F	RST CHIPR 1 MOHM +-1% 1/4W
R996	061T1206150 3F	RST CHIPR 150KOHM +-1% 1/4W
R997	061T1206150 3F	RST CHIPR 150KOHM +-1% 1/4W
R924	061T1206155	RST CHIPR 1.5 MOHM +-5% 1/4W
R972	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W
R973	061T1206205	RST CHIPR 2 MOHM +-5% 1/4W
R967	061T1206220	RST CHIPR 22 OHM +-5% 1/4W
R903	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R902	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R901	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R947	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R948	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R949	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R950	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R951	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R952	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9008	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9007	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9006	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9005	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9004	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9003	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9002	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R9001	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R954	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R953	061T1206470	RST CHIPR 47 OHM +-5% 1/4W
R942	061T1206479	RST CHIPR 4.7 OHM +-5% 1/4W
R987	061T1206512	RST CHIPR 5.1KOHM +-5% 1/4W
R988	061T1206512	RST CHIPR 5.1KOHM +-5% 1/4W
C917	065T0805102 31	1000PF 50V NPO
C934	065T0805102 31	1000PF 50V NPO
C948	065T0805102 32	CHIP 1000PF 50V X7R 0805
C949	065T0805102 32	CHIP 1000PF 50V X7R 0805
C992	065T0805102 32	CHIP 1000PF 50V X7R 0805
C993	065T0805102 32	CHIP 1000PF 50V X7R 0805
C994	065T0805102 32	CHIP 1000PF 50V X7R 0805
C995	065T0805102 32	CHIP 1000PF 50V X7R 0805
C929	065T0805102 32	CHIP 1000PF 50V X7R 0805
C933	065T0805103 32	10NF/50V/0805/X7R
C999	065T0805103 32	10NF/50V/0805/X7R

C911	065T0805104 32	CHIP 0.1UF 50V X7R
C931	065T0805104 32	CHIP 0.1UF 50V X7R
C935	065T0805104 32	CHIP 0.1UF 50V X7R
C921	065T0805104 32	CHIP 0.1UF 50V X7R
C941	065T0805104 32	CHIP 0.1UF 50V X7R
C973	065T0805104 32	CHIP 0.1UF 50V X7R
C977	065T0805104 32	CHIP 0.1UF 50V X7R
C978	065T0805104 32	CHIP 0.1UF 50V X7R
C979	065T0805104 32	CHIP 0.1UF 50V X7R
C986	065T0805104 32	CHIP 0.1UF 50V X7R
C987	065T0805104 32	CHIP 0.1UF 50V X7R
C997	065T0805104 32	CHIP 0.1UF 50V X7R
C928	065T0805105 37	CHIP 1UF 50V Y5V
C953	065T0805105 37	CHIP 1UF 50V Y5V
C996	065T0805105 37	CHIP 1UF 50V Y5V
C984	065T0805105 37	CHIP 1UF 50V Y5V
C942	065T0805105 37	CHIP 1UF 50V Y5V
C930	065T0805152 32	CHIP 1500PF 50V X7R 0805
C971	065T0805221 31	220PF 50V NPO
C972	065T0805224 22	CAIP CAP 0.22 UF 25V X7R
C945	065T0805332 32	CAP 0805 3300PF K 50V X7R
C944	065T0805332 32	CAP 0805 3300PF K 50V X7R
C943	065T0805332 32	CAP 0805 3300PF K 50V X7R
C916	065T0805334 32	CHIP 0.33UF 50V X7R 0805
C923	065T0805471 31	CHIP 470PF 50V NPO
C974	065T0805472 32	MLCC 0805 CAP 4700PF K 50V X7R
C927	065T0805472 32	MLCC 0805 CAP 4700PF K 50V X7R
C915	065T0805473 32	CHIP 0.047UF 50V X7R
C924	065T0805474 22	CHIP 0.47UF 25V X7R
C913	065T0805560 31	MLCC 0805 CAP 56PF J 50V NPO
C976	065T0805562 32	CAP 0805 5600PF K 50V X7R
D978	093T 6432V	LL4148-GSO8 SMD BY VISHA
D977	093T 6432V	LL4148-GSO8 SMD BY VISHA
D974	093T 6432V	LL4148-GSO8 SMD BY VISHA
D973	093T 6432V	LL4148-GSO8 SMD BY VISHA
D904	093T 6432V	LL4148-GSO8 SMD BY VISHA
D903	093T 6432V	LL4148-GSO8 SMD BY VISHA
D931	093T 6432V	LL4148-GSO8 SMD BY VISHA
D972	093T 6432V	LL4148-GSO8 SMD BY VISHA
D971	093T 6432V	LL4148-GSO8 SMD BY VISHA
ZD932	093T 39S 15 T	RLZ15B
ZD931	093T 39S 38 T	PTZ 9.1B
ZD933	093T 39S 42 T	RLZ27B LLDS
ZD934	093T 39S 44 T	RLZ18B
D960	093T5004 2	5A 40V
IC933	056T 158 10 T	IC AZ431AZ-AE1 TO-92 AAC
IC973	056T 158 10 T	IC AZ431AZ-AE1 TO-92 AAC
R995	061T 17215452T	RST CFR 150KOHM +-5% 1/4W
R920	061T 17247152T	470OHM 5% 1/4W
R955	061T 17247152T	470OHM 5% 1/4W
R9009	061T 17251052T	RST CFR 51 OHM +-5% 1/4W
R966	061T 20010452T	100K OHM 1/4W 1%
R979	061T 21010152T	RST MFR 100 OHM +-1% 1/6W
R976	061T 21010352T	RST MFR 10KOHM +-1% 1/6W
R980	061T 21039252T	RST MFR 3.9KOHM +-1% 1/6W
R985	061T 60220252T	CFR 2K C 5% 1/6W

R974	061T 60220552T	RST CFR 2MOHM +-5% 1/6W
R911	061T 60222952T	2.2 OHM +-5% 1/6W
R910	061T 60247052T	CFR 47OHM +-5% 1/6W
R926	061T214Y10552T	RST MGFR 1 MOHM +-5% 1/4W
C998	067T215Y1007KT	EC105 10U 50V KEM50V
C975	067T215Y1007KT	EC105 10U 50V KEM50V
C937	067T215Y1007KT	EC105 10U 50V KEM50V
C938	067T215Y1017NT	EC 100UF 50V 8*11.5MM
C932	067T215Y4707KT	47UF 50V
C912	067T215Y4707KT	47UF 50V
F901	084T 55 4	FUSE 382-5A 250V WICKMANN
D936	093T1020 752T	UF4003PT
D932	093T1020 752T	UF4003PT
D937	093T1100 1052T	BA159GPT
J921	095T 90 23	JUMP WIRE
J920	095T 90 23	JUMP WIRE
J919	095T 90 23	JUMP WIRE
J918	095T 90 23	JUMP WIRE
J917	095T 90 23	JUMP WIRE
J916	095T 90 23	JUMP WIRE
J915	095T 90 23	JUMP WIRE
J914	095T 90 23	JUMP WIRE
J913	095T 90 23	JUMP WIRE
J912	095T 90 23	JUMP WIRE
J910	095T 90 23	JUMP WIRE
J909	095T 90 23	JUMP WIRE
J908	095T 90 23	JUMP WIRE
J907	095T 90 23	JUMP WIRE
J906	095T 90 23	JUMP WIRE
J922	095T 90 23	JUMP WIRE
J902	095T 90 23	JUMP WIRE
J911	095T 90 23	JUMP WIRE
J904	095T 90 23	JUMP WIRE
J903	095T 90 23	JUMP WIRE
J935	095T 90 23	JUMP WIRE
J934	095T 90 23	JUMP WIRE
J933	095T 90 23	JUMP WIRE
J932	095T 90 23	JUMP WIRE
J931	095T 90 23	JUMP WIRE
J930	095T 90 23	JUMP WIRE
J929	095T 90 23	JUMP WIRE
J928	095T 90 23	JUMP WIRE
J927	095T 90 23	JUMP WIRE
J925	095T 90 23	JUMP WIRE
J924	095T 90 23	JUMP WIRE
J923	095T 90 23	JUMP WIRE
J905	095T 90 23	JUMP WIRE
J901	095T 90 23	JUMP WIRE
	715T2512 2	POWER BOARD PCB
	AUPF7QA1	AUDIO BOARD
CN3	033T3278 2	WAFER
CN1	033T3278 3	WAFER
CN7	033T3278 6	WAFER
CN6	033T3802 4	WAFER PH-4
C3	064T176J474 0T	0.47UF +-5% 50/63V
C39	064T176J474 0T	0.47UF +-5% 50/63V

C44	067T 215101 6P	EC 105°C 100UF M 35V
C15	067T 215221 6P	ELCAP 105°C 220UF M 35V
C26	067T 215221 6P	ELCAP 105°C 220UF M 35V
L4	073T 253158 H	CHOKE COIL 22UH+/-25%
L9	073T 253158 H	CHOKE COIL 22UH+/-25%
L2	073T 253158 H	CHOKE COIL 22UH+/-25%
L11	073T 253158 H	CHOKE COIL 22UH+/-25%
U1	090T6068 2	HEAT SINK
U3	056T 593 17	NTM2761RB2
U2	056T 593 19	NJM2199 DMP14E
U1	056T 616 25 1	IC TPA3100D2PHPR HTQFP-48 TI
Q1	057T 765 1	2SC2412KR
Q5	057T 765 1	2SC2412KR
R33	061T0603000	CHIP 0OHM 1/16W
R7	061T0603000	CHIP 0OHM 1/16W
R5	061T0603000	CHIP 0OHM 1/16W
R39	061T0603000	CHIP 0OHM 1/16W
R26	061T0603000	CHIP 0OHM 1/16W
R25	061T0603101	CHIP 100OHM 1/16W
R1	061T0603103	CHIP 10KOHM 1/16W
R12	061T0603103	CHIP 10KOHM 1/16W
R28	061T0603103	CHIP 10KOHM 1/16W
R30	061T0603103	CHIP 10KOHM 1/16W
R4	061T0603103	CHIP 10KOHM 1/16W
R6	061T0603103	CHIP 10KOHM 1/16W
R17	061T0603104	CHIP 100K OHM 1/16W
R8	061T0603105	CHIP 1MOHM 1/16W
R37	061T0603120 1F	RST CHIPR 1.2 KOHM +-1% 1/10W
R35	061T0603120 1F	RST CHIPR 1.2 KOHM +-1% 1/10W
R34	061T0603160 2F	RST CHIPR 16 KOHM +-1% 1/10W
R18	061T0603223	CHIP 22KOHM 1/16W
R36	061T0603330 1F	RST CHIPR 3.3 KOHM +-1% 1/10W
R38	061T0603330 1F	RST CHIPR 3.3 KOHM +-1% 1/10W
R14	061T0603333	RST CHIPR 33 KOHM +-5% 1/10W
R13	061T0603472	CHIP 4.7KOHM 1/16W
R15	061T0603473	CHIP 47KOHM 1/16W
R16	061T0603473	CHIP 47KOHM 1/16W
R29	061T0603512	RST CHIPR 5.1 KOHM +-5% 1/10W
R21	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
R22	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
R23	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
R24	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
C2	065T0603102 32	CHIP 1000PF 50V X7R
C38	065T0603102 32	CHIP 1000PF 50V X7R
C4	065T0603102 32	CHIP 1000PF 50V X7R
C40	065T0603102 32	CHIP 1000PF 50V X7R
C13	065T0603103 32	CHIP 0.01UF 50V X7R
C35	065T0603103 32	CHIP 0.01UF 50V X7R
C46	065T0603104 32	CHIP 0.1UF 50V X7R
C5	065T0603104 32	CHIP 0.1UF 50V X7R
C41	065T0603104 32	CHIP 0.1UF 50V X7R
C37	065T0603104 32	CHIP 0.1UF 50V X7R
C32	065T0603104 32	CHIP 0.1UF 50V X7R
C1	065T0603104 32	CHIP 0.1UF 50V X7R
C49	065T0603223 32	CHIP 0.022UF 50V X7R 0603
C50	065T0603224 32	MLCC 0603 0.22UF K 50V X7R

C8	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C6	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C34	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C33	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C10	065T0603333 32	CHIP 0.033UF 50V X7R
C20	065T0603334 27	MLCC 0603 CAP 0.33UF Z 25V Y5V
C48	065T0603474 27	CHIP 0.47UF 25V Y5V
C47	065T0603474 27	CHIP 0.47UF 25V Y5V
C17	065T0603474 27	CHIP 0.47UF 25V Y5V
C9	065T0805105 37	CHIP 1UF 50V Y5V
C36	065T0805105 37	CHIP 1UF 50V Y5V
C30	065T0805105 37	CHIP 1UF 50V Y5V
C28	065T0805105 37	CHIP 1UF 50V Y5V
C27	065T0805105 37	CHIP 1UF 50V Y5V
C25	065T0805105 37	CHIP 1UF 50V Y5V
C23	065T0805105 37	CHIP 1UF 50V Y5V
C12	065T0805105 37	CHIP 1UF 50V Y5V
C31	065T1206106 17	CHIP 10UF 16V Y5V
C19	065T1206475 17	MLCC 1206 CAP 4.7UF Z 16V Y5V
C14	065T1206475 17	MLCC 1206 CAP 4.7UF Z 16V Y5V
C11	065T1206475 17	MLCC 1206 CAP 4.7UF Z 16V Y5V
C22	065T1206475 17	MLCC 1206 CAP 4.7UF Z 16V Y5V
C42	065T1206475 17	MLCC 1206 CAP 4.7UF Z 16V Y5V
C7	065T1206475 17	MLCC 1206 CAP 4.7UF Z 16V Y5V
C52	067T311F100 4T	EC 105°C 10UF M 25V
C51	067T311F100 4T	EC 105°C 10UF M 25V
C18	067T311F100 4T	EC 105°C 10UF M 25V
C16	067T311F100 4T	EC 105°C 10UF M 25V
C29	067T311F101 4T	EC 105°C 100UF M 25V
L7	073T 253142 S	IND SMD 100.0UH+-20% TAI CHANGIND
D3	093T 6432V	LL4148-GSO8 SMD BY VISHA
	715T2412 1	AUDIO BOARD PCB
	CBPF7Z1KQ4	MAIN BOARD
CN107	033T3278 3	WAFER
CN600	033T3278 4	WAFER
CN418	033T3278 6	WAFER
CN100	033T3278 10	10 PLUG B10E-XHA/JST E10B-XHA/
CN419	033T3278 13	WAFER
CN905	033T3802 9	WAFER PH-9
CN901	033T3802 12	WAFER PH-12
CN407	033T8027 28	WAFER
	040T 457624 1B	CPU LABEL
	040T 45762412B	CBPC LABEL
SF701	053T 44 5	SAW FILTER EPCOS
R935	061T152M629 64	6.2 OHM 2W 5% MOF
R936	061T152M629 64	6.2 OHM 2W 5% MOF
R930	061T153M180 59	18 OHM 5% 3W
R931	061T153M180 59	18 OHM 5% 3W
C605	067T305V471 1P	EC 105°C CAP 470UF M 6.3V
C606	067T305V471 1P	EC 105°C CAP 470UF M 6.3V
SW401	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
CN101	088T 78 13 8C	RCA JACK
CN105	088T 78 13 9C	RCA JACK
CN106	088T 78 1320C	RCA JACK
CN104	088T 78 1344C	RCA JACK 1+1 RCA+S B+B AV-S-01-B
CN103	088T 30214K	PHONE JACK

CN102	088T 35315F H	DB15 RIGHT ANGLE FEMALE
U401	090T 372 2	HEAT SINK
U701	090T8007 1A	HEAT SINK
X901	093T 2204S JZ	CRYSTAL 4MHZ/30PF/49U/S JING ZHAN
X401	093T 2258B J	24.576MHZ/20PF/49US
X701	093T 2262B J	CRYSTAL NXS25.000 AC 20PF HC-49/US NSK
TU701	094TNTATALL T	TUNER DTT7611A THOMSON
U911	Q90T0054 1	HEAT SINK
FL900	053T 43 1	FILTER BULLWILL
FL901	053T 43 1	FILTER BULLWILL
FL902	053T 43 1	FILTER BULLWILL
FL903	053T 43 1	FILTER BULLWILL
U909	056T 133 23 R	BA17809FP-E2
U908	056T 133 27 R	IC BA05FP-E2 BY ROHM
U917	056T 158501	IC AZ431AN-AE1 SOT23-3 AAC
U601	056T 192 17	IC TL072CDT SO-8 ST
U903	056T 563 9	AIC1084PM
U906	056T 563 9	AIC1084PM
U907	056T 56314A	IC AP1501-K5LA TO-263-5L ANACHIP
U911	056T 56314A	IC AP1501-K5LA TO-263-5L ANACHIP
U504	056T 567 7	MST9883C-140 LQFP-80 BY MST
U500	056T 585 4A	AP1117E33LA
U501	056T 585 4A	AP1117E33LA
U910	056T 585 4A	AP1117E33LA
U915	056T 585 4A	AP1117E33LA
U402	056T 61550C	NT5DS16M16CS-5T
U403	056T 61550C	NT5DS16M16CS-5T
U600	056T 616 8	TPA6110A2DGNR
U107	056T 623 16	IC FSAV433MTCX-NL TSSOP-20BY FAIRCHILD
U417	056T 632 1	IC 74HC4066DQ BY PHILIPS
U108	056T 634 3	IC STV6415DD ST
U103	056T 637 2B	IC 74HC4051D SO16
U104	056T 637 2B	IC 74HC4051D SO16
U101	056T 638603	IC CS5340-CZZ CIRRUS
U702	056T 639 2	UPC3218GV-E1-A SSOP-8 NEC
U407	056T 643500	EM6353BX2SP3B-2.9
U401	056T 644600	IC ZR39660BGCG ZORAN
U408	056T 645 1	HIN232CB-T S016 INTERSIL
U701	056T 647 12	IC CAS-220/CS LQFP-100 ZORAN
U913	056T 662 4	RCLAMP0514M.TBT
U912	056T 662 4	RCLAMP0514M.TBT
U415	056T 662 4	RCLAMP0514M.TBT
U414	056T 662 4	RCLAMP0514M.TBT
U914	056T 665915	IC TMDS341APFCRG4 TQFP-80
U502	056T 7SZ 2P F	IC NC7SZ02P5X SOT-23 FAIRCHILD
U916	056T1125172 X EZ4	P89LPC930FDH
U405	056T1130 3	CS4335-KSZ SOIC-8
U106	056T1133 34	M24C02-WMN6TP
U404	056T1133 88EZ7	IC M29W320EB70N6E TSOP48 ST
U412	056T113353A	M24C32-WMN6TP
U503	056T4LVT 14 P	IC 74LVT14D,118 BY SO-14 PHILIPS
U418	056T74HC 14 F	IC MM74HC14MX SOIC-14
Q701	057T 417 10	BFR93A SOT-23
Q401	057T 758 1	FET 2N7002E VISHAY
Q402	057T 758 1	FET 2N7002E VISHAY
Q909	057T 758 1	FET 2N7002E VISHAY

Q910	057T 758 1	FET 2N7002E VISHAY
Q912	057T 763 3	AO4411L SO-8 BY AOS SMT
Q911	057T 763 3	AO4411L SO-8 BY AOS SMT
Q908	057T 763 3	AO4411L SO-8 BY AOS SMT
Q111	057T 765 1	2SC2412KR
Q403	057T 765 1	2SC2412KR
Q901	057T 765 1	2SC2412KR
Q903	057T 765 1	2SC2412KR
Q905	057T 765 1	2SC2412KR
Q906	057T 765 1	2SC2412KR
Q907	057T 765 1	2SC2412KR
Q913	057T 765 1	2SC2412KR
Q914	057T 765 1	2SC2412KR
Q915	057T 765 1	2SC2412KR
Q110	057T 765 1	2SC2412KR
Q109	057T 765 1	2SC2412KR
Q108	057T 765 1	2SC2412KR
Q107	057T 765 1	2SC2412KR
Q106	057T 765 1	2SC2412KR
Q105	057T 765 1	2SC2412KR
Q104	057T 765 1	2SC2412KR
Q103	057T 765 1	2SC2412KR
Q102	057T 765 1	2SC2412KR
Q101	057T 765 1	2SC2412KR
Q100	057T 765 1	2SC2412KR
RP505	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RP504	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RP503	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RP502	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RP501	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RP500	061T 125101 8	RST CHIP AR 8P4R 100 OHM +-5% 1/16W
RP412	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP411	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP410	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP409	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP408	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP407	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP406	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP405	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP404	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP403	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP402	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP401	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP413	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP414	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP415	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
RP416	061T 125150 8	RST CHIP AR 8P4R 15 OHM +-5% 1/16W
R4J0	061T0603000	CHIP 0OHM 1/16W
R4H9	061T0603000	CHIP 0OHM 1/16W
R157	061T0603000	CHIP 0OHM 1/16W
R158	061T0603000	CHIP 0OHM 1/16W
R159	061T0603000	CHIP 0OHM 1/16W
R1F7	061T0603000	CHIP 0OHM 1/16W
R1F8	061T0603000	CHIP 0OHM 1/16W
R4A5	061T0603000	CHIP 0OHM 1/16W
R4E6	061T0603000	CHIP 0OHM 1/16W

R4G7	061T0603000	CHIP 0OHM 1/16W
R724	061T0603000	CHIP 0OHM 1/16W
R611	061T0603000	CHIP 0OHM 1/16W
R610	061T0603000	CHIP 0OHM 1/16W
R4T3	061T0603000	CHIP 0OHM 1/16W
R4T2	061T0603000	CHIP 0OHM 1/16W
R4T1	061T0603000	CHIP 0OHM 1/16W
R4P7	061T0603000	CHIP 0OHM 1/16W
R4N0	061T0603000	CHIP 0OHM 1/16W
R4M8	061T0603000	CHIP 0OHM 1/16W
R4L3	061T0603000	CHIP 0OHM 1/16W
R4L0	061T0603000	CHIP 0OHM 1/16W
R4K2	061T0603000	CHIP 0OHM 1/16W
R4K1	061T0603000	CHIP 0OHM 1/16W
R4J1	061T0603000	CHIP 0OHM 1/16W
R4J6	061T0603000	CHIP 0OHM 1/16W
R4J8	061T0603000	CHIP 0OHM 1/16W
R4K0	061T0603000	CHIP 0OHM 1/16W
R4S0	061T0603000	CHIP 0OHM 1/16W
R4Q9	061T0603000	CHIP 0OHM 1/16W
R968	061T0603000	CHIP 0OHM 1/16W
R957	061T0603000	CHIP 0OHM 1/16W
R956	061T0603000	CHIP 0OHM 1/16W
R952	061T0603000	CHIP 0OHM 1/16W
R944	061T0603000	CHIP 0OHM 1/16W
R938	061T0603000	CHIP 0OHM 1/16W
R920	061T0603000	CHIP 0OHM 1/16W
R1003	061T0603000	CHIP 0OHM 1/16W
R150	061T0603000	CHIP 0OHM 1/16W
R151	061T0603000	CHIP 0OHM 1/16W
R152	061T0603000	CHIP 0OHM 1/16W
R153	061T0603000	CHIP 0OHM 1/16W
R154	061T0603000	CHIP 0OHM 1/16W
R155	061T0603000	CHIP 0OHM 1/16W
R156	061T0603000	CHIP 0OHM 1/16W
R977	061T0603100	CHIP 10OHM 1/16W
R969	061T0603100	CHIP 10OHM 1/16W
R4P9	061T0603100	CHIP 10OHM 1/16W
R455	061T0603100	CHIP 10OHM 1/16W
R116	061T0603101	CHIP 100OHM 1/16W
R182	061T0603101	CHIP 100OHM 1/16W
R184	061T0603101	CHIP 100OHM 1/16W
R1H4	061T0603101	CHIP 100OHM 1/16W
R1H5	061T0603101	CHIP 100OHM 1/16W
R1H6	061T0603101	CHIP 100OHM 1/16W
R701	061T0603101	CHIP 100OHM 1/16W
R702	061T0603101	CHIP 100OHM 1/16W
R721	061T0603101	CHIP 100OHM 1/16W
R916	061T0603101	CHIP 100OHM 1/16W
R917	061T0603101	CHIP 100OHM 1/16W
R940	061T0603101	CHIP 100OHM 1/16W
R942	061T0603101	CHIP 100OHM 1/16W
R4F9	061T0603102	CHIP 1K OHM 1/16W
R4F8	061T0603102	CHIP 1K OHM 1/16W
R4A3	061T0603102	CHIP 1K OHM 1/16W
R467	061T0603102	CHIP 1K OHM 1/16W

R462	061T0603102	CHIP 1K OHM 1/16W
R441	061T0603102	CHIP 1K OHM 1/16W
R439	061T0603102	CHIP 1K OHM 1/16W
R437	061T0603102	CHIP 1K OHM 1/16W
R435	061T0603102	CHIP 1K OHM 1/16W
R427	061T0603102	CHIP 1K OHM 1/16W
R426	061T0603102	CHIP 1K OHM 1/16W
R183	061T0603102	CHIP 1K OHM 1/16W
R1005	061T0603102	CHIP 1K OHM 1/16W
R1004	061T0603102	CHIP 1K OHM 1/16W
R4M2	061T0603102	CHIP 1K OHM 1/16W
C947	061T0603102	CHIP 1K OHM 1/16W
R4L9	061T0603102	CHIP 1K OHM 1/16W
R1011	061T0603102	CHIP 1K OHM 1/16W
R960	061T0603102	CHIP 1K OHM 1/16W
R918	061T0603102	CHIP 1K OHM 1/16W
R998	061T0603102	CHIP 1K OHM 1/16W
R985	061T0603102	CHIP 1K OHM 1/16W
R976	061T0603102	CHIP 1K OHM 1/16W
R932	061T0603102	CHIP 1K OHM 1/16W
R909	061T0603102	CHIP 1K OHM 1/16W
R513	061T0603102	CHIP 1K OHM 1/16W
R501	061T0603102	CHIP 1K OHM 1/16W
R500	061T0603102	CHIP 1K OHM 1/16W
R4M4	061T0603102	CHIP 1K OHM 1/16W
R1002	061T0603102	CHIP 1K OHM 1/16W
R4P8	061T0603103	CHIP 10KOHM 1/16W
R995	061T0603103	CHIP 10KOHM 1/16W
R994	061T0603103	CHIP 10KOHM 1/16W
R978	061T0603103	CHIP 10KOHM 1/16W
R953	061T0603103	CHIP 10KOHM 1/16W
R939	061T0603103	CHIP 10KOHM 1/16W
R725	061T0603103	CHIP 10KOHM 1/16W
R714	061T0603103	CHIP 10KOHM 1/16W
R709	061T0603103	CHIP 10KOHM 1/16W
R614	061T0603103	CHIP 10KOHM 1/16W
R612	061T0603103	CHIP 10KOHM 1/16W
R4Q8	061T0603103	CHIP 10KOHM 1/16W
R474	061T0603103	CHIP 10KOHM 1/16W
R473	061T0603103	CHIP 10KOHM 1/16W
R464	061T0603103	CHIP 10KOHM 1/16W
R179	061T0603103	CHIP 10KOHM 1/16W
R489	061T0603103	CHIP 10KOHM 1/16W
R4D9	061T0603103	CHIP 10KOHM 1/16W
R4E9	061T0603103	CHIP 10KOHM 1/16W
R4F0	061T0603103	CHIP 10KOHM 1/16W
R4F1	061T0603103	CHIP 10KOHM 1/16W
R4F2	061T0603103	CHIP 10KOHM 1/16W
R4F3	061T0603103	CHIP 10KOHM 1/16W
R4F4	061T0603103	CHIP 10KOHM 1/16W
R4F5	061T0603103	CHIP 10KOHM 1/16W
R4F6	061T0603103	CHIP 10KOHM 1/16W
R4J2	061T0603103	CHIP 10KOHM 1/16W
R4J9	061T0603103	CHIP 10KOHM 1/16W
R4K3	061T0603103	CHIP 10KOHM 1/16W
R4K4	061T0603103	CHIP 10KOHM 1/16W

R4L8	061T0603103	CHIP 10KOHM 1/16W
R4N1	061T0603103	CHIP 10KOHM 1/16W
R178	061T0603103	CHIP 10KOHM 1/16W
R177	061T0603103	CHIP 10KOHM 1/16W
R176	061T0603103	CHIP 10KOHM 1/16W
R107	061T0603103	CHIP 10KOHM 1/16W
R106	061T0603103	CHIP 10KOHM 1/16W
R168	061T0603104	CHIP 100K OHM 1/16W
R167	061T0603104	CHIP 100K OHM 1/16W
R166	061T0603104	CHIP 100K OHM 1/16W
R165	061T0603104	CHIP 100K OHM 1/16W
R164	061T0603104	CHIP 100K OHM 1/16W
R163	061T0603104	CHIP 100K OHM 1/16W
R162	061T0603104	CHIP 100K OHM 1/16W
R160	061T0603104	CHIP 100K OHM 1/16W
R111	061T0603104	CHIP 100K OHM 1/16W
R110	061T0603104	CHIP 100K OHM 1/16W
R169	061T0603104	CHIP 100K OHM 1/16W
R170	061T0603104	CHIP 100K OHM 1/16W
R171	061T0603104	CHIP 100K OHM 1/16W
R173	061T0603104	CHIP 100K OHM 1/16W
R174	061T0603104	CHIP 100K OHM 1/16W
R175	061T0603104	CHIP 100K OHM 1/16W
R4K7	061T0603104	CHIP 100K OHM 1/16W
R4K8	061T0603104	CHIP 100K OHM 1/16W
R674	061T0603104	CHIP 100K OHM 1/16W
R1001	061T0603104	CHIP 100K OHM 1/16W
R900	061T0603104	CHIP 100K OHM 1/16W
R719	061T0603105	CHIP 1MOHM 1/16W
R4G0	061T0603105	CHIP 1MOHM 1/16W
R4F7	061T0603106	RST CHIPR 10 MOHM +-5% 1/10W
R929	061T0603150	RST CHIPR 15 OHM +-5% 1/10W
R980	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R928	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R927	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R926	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R198	061T0603152	CHIP 1.5KOHM 1/16W
R197	061T0603152	CHIP 1.5KOHM 1/16W
R4A1	061T0603180	RST CHIPR 18 OHM +-5% 1/10W
R4A0	061T0603180	RST CHIPR 18 OHM +-5% 1/10W
R954	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R722	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R717	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R713	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R600	061T0603203	CHIPR 20K OHM+-5% 1/10W
R602	061T0603203	CHIPR 20K OHM+-5% 1/10W
R603	061T0603203	CHIPR 20K OHM+-5% 1/10W
R604	061T0603203	CHIPR 20K OHM+-5% 1/10W
R481	061T0603220	CHIP 22OHM 1/16W
R482	061T0603220	CHIP 22OHM 1/16W
R485	061T0603220	CHIP 22OHM 1/16W
R933	061T0603222	CHIP 2.2K OHM 1/16W
R194	061T0603223	CHIP 22KOHM 1/16W
R193	061T0603223	CHIP 22KOHM 1/16W
R192	061T0603223	CHIP 22KOHM 1/16W
R191	061T0603223	CHIP 22KOHM 1/16W

R190	061T0603223	CHIP 22KOHM 1/16W
R189	061T0603223	CHIP 22KOHM 1/16W
R188	061T0603223	CHIP 22KOHM 1/16W
R187	061T0603223	CHIP 22KOHM 1/16W
R186	061T0603223	CHIP 22KOHM 1/16W
R185	061T0603223	CHIP 22KOHM 1/16W
R195	061T0603223	CHIP 22KOHM 1/16W
R993	061T0603223	CHIP 22KOHM 1/16W
R992	061T0603223	CHIP 22KOHM 1/16W
R615	061T0603223	CHIP 22KOHM 1/16W
R613	061T0603223	CHIP 22KOHM 1/16W
R1F6	061T0603223	CHIP 22KOHM 1/16W
R1F5	061T0603223	CHIP 22KOHM 1/16W
R1F4	061T0603223	CHIP 22KOHM 1/16W
R1F3	061T0603223	CHIP 22KOHM 1/16W
R1F2	061T0603223	CHIP 22KOHM 1/16W
R1F1	061T0603223	CHIP 22KOHM 1/16W
R196	061T0603223	CHIP 22KOHM 1/16W
R999	061T0603224	RST CHIPR 220 KOHM +-5% 1/10W
R1H1	061T0603272	CHIP 2.7KOHM 1/16W
R1H2	061T0603272	CHIP 2.7KOHM 1/16W
R1H3	061T0603272	CHIP 2.7KOHM 1/16W
R476	061T0603274	RST CHIPR 270 KOHM +-5% 1/10W
R483	061T0603274	RST CHIPR 270 KOHM +-5% 1/10W
R946	061T0603302	CHIP 3K OHM 5% 1/16
R4N8	061T0603330	CHIP 33OHM 1/16W
R4P5	061T0603330	CHIP 33OHM 1/16W
R4P4	061T0603330	CHIP 33OHM 1/16W
R4P3	061T0603330	CHIP 33OHM 1/16W
R4P2	061T0603330	CHIP 33OHM 1/16W
R4P1	061T0603330	CHIP 33OHM 1/16W
R4P0	061T0603330	CHIP 33OHM 1/16W
R4N9	061T0603330	CHIP 33OHM 1/16W
R506	061T0603330	CHIP 33OHM 1/16W
R507	061T0603330	CHIP 33OHM 1/16W
R4N6	061T0603330	CHIP 33OHM 1/16W
R4N7	061T0603330	CHIP 33OHM 1/16W
R416	061T0603330	CHIP 33OHM 1/16W
R503	061T0603330	CHIP 33OHM 1/16W
R504	061T0603330	CHIP 33OHM 1/16W
R505	061T0603330	CHIP 33OHM 1/16W
R922	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R921	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R4G1	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R925	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R924	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R908	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R502	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J8	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J6	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J4	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R496	061T0603348 0F	RST CHIPR 348 OHM +-1% 1/10W
R454	061T0603390 0F	RST CHIPR 390 OHM +-1% 1/10W
R715	061T0603392	CHIP 3.9KOHM 1/16W
R4J4	061T0603392	CHIP 3.9KOHM 1/16W
R981	061T0603392	CHIP 3.9KOHM 1/16W

R982	061T0603392	CHIP 3.9KOHM 1/16W
R986	061T0603392	CHIP 3.9KOHM 1/16W
R104	061T0603393	RST CHIPR 39 KOHM +-5% 1/10W
R108	061T0603393	RST CHIPR 39 KOHM +-5% 1/10W
R979	061T0603464 1F	RST CHIP 4K64 1/10W 1%
R712	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R711	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R710	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R707	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R706	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R705	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R703	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R704	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R143	061T0603472	CHIP 4.7KOHM 1/16W
R142	061T0603472	CHIP 4.7KOHM 1/16W
R141	061T0603472	CHIP 4.7KOHM 1/16W
R140	061T0603472	CHIP 4.7KOHM 1/16W
R1007	061T0603472	CHIP 4.7KOHM 1/16W
R1006	061T0603472	CHIP 4.7KOHM 1/16W
R975	061T0603472	CHIP 4.7KOHM 1/16W
R405	061T0603472	CHIP 4.7KOHM 1/16W
R406	061T0603472	CHIP 4.7KOHM 1/16W
R428	061T0603472	CHIP 4.7KOHM 1/16W
R429	061T0603472	CHIP 4.7KOHM 1/16W
R430	061T0603472	CHIP 4.7KOHM 1/16W
R432	061T0603472	CHIP 4.7KOHM 1/16W
R433	061T0603472	CHIP 4.7KOHM 1/16W
R434	061T0603472	CHIP 4.7KOHM 1/16W
R436	061T0603472	CHIP 4.7KOHM 1/16W
R438	061T0603472	CHIP 4.7KOHM 1/16W
R440	061T0603472	CHIP 4.7KOHM 1/16W
R458	061T0603472	CHIP 4.7KOHM 1/16W
R404	061T0603472	CHIP 4.7KOHM 1/16W
R974	061T0603472	CHIP 4.7KOHM 1/16W
R4L7	061T0603472	CHIP 4.7KOHM 1/16W
R4B3	061T0603472	CHIP 4.7KOHM 1/16W
R468	061T0603472	CHIP 4.7KOHM 1/16W
R950	061T0603472	CHIP 4.7KOHM 1/16W
R1009	061T0603472	CHIP 4.7KOHM 1/16W
R1008	061T0603472	CHIP 4.7KOHM 1/16W
R1J5	061T0603472	CHIP 4.7KOHM 1/16W
R1J7	061T0603472	CHIP 4.7KOHM 1/16W
R1J9	061T0603472	CHIP 4.7KOHM 1/16W
R401	061T0603472	CHIP 4.7KOHM 1/16W
R403	061T0603472	CHIP 4.7KOHM 1/16W
R139	061T0603472	CHIP 4.7KOHM 1/16W
R138	061T0603472	CHIP 4.7KOHM 1/16W
R119	061T0603472	CHIP 4.7KOHM 1/16W
R105	061T0603472	CHIP 4.7KOHM 1/16W
R101	061T0603472	CHIP 4.7KOHM 1/16W
R1B0	061T0603473	CHIP 47KOHM 1/16W
R1A9	061T0603473	CHIP 47KOHM 1/16W
R1A8	061T0603473	CHIP 47KOHM 1/16W
R1A7	061T0603473	CHIP 47KOHM 1/16W
R1A6	061T0603473	CHIP 47KOHM 1/16W
R1A5	061T0603473	CHIP 47KOHM 1/16W

R1A4	061T0603473	CHIP 47KOHM 1/16W
R1A3	061T0603473	CHIP 47KOHM 1/16W
R1A2	061T0603473	CHIP 47KOHM 1/16W
R1A1	061T0603473	CHIP 47KOHM 1/16W
R1A0	061T0603473	CHIP 47KOHM 1/16W
R199	061T0603473	CHIP 47KOHM 1/16W
R1B1	061T0603473	CHIP 47KOHM 1/16W
R991	061T0603473	CHIP 47KOHM 1/16W
R990	061T0603473	CHIP 47KOHM 1/16W
R955	061T0603473	CHIP 47KOHM 1/16W
R708	061T0603473	CHIP 47KOHM 1/16W
R4M7	061T0603473	CHIP 47KOHM 1/16W
R1B8	061T0603473	CHIP 47KOHM 1/16W
R1B7	061T0603473	CHIP 47KOHM 1/16W
R1B6	061T0603473	CHIP 47KOHM 1/16W
R1B5	061T0603473	CHIP 47KOHM 1/16W
R1B4	061T0603473	CHIP 47KOHM 1/16W
R1B3	061T0603473	CHIP 47KOHM 1/16W
R1B2	061T0603473	CHIP 47KOHM 1/16W
R465	061T0603499 9F	RST CHIPR 49.9 OHM +-1% 1/10W
R469	061T0603499 9F	RST CHIPR 49.9 OHM +-1% 1/10W
R934	061T0603510	RST CHIPR 51 OHM +-5% 1/10W
R4B4	061T0603511 1F	RST CHIPR 5.11 KOHM +-1% 1/10W
R945	061T0603511 1F	RST CHIPR 5.11 KOHM +-1% 1/10W
R605	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R606	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R607	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R608	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R4K5	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R4K6	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R413	061T0603592	RST CHIPR 5.9 KOHM +-5% 1/10W
R1B9	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R723	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R720	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R1D0	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R718	061T0603681	RST CHIPR 680 OHM +-5% 1/10W
R4J5	061T0603682	RST CHIPR 6.8KOHM +-5% 1/10W
R987	061T0603682	RST CHIPR 6.8KOHM +-5% 1/10W
R4K9	061T0603750 9F	CHIP 75OHM 1/16W 1%
R494	061T0603750 9F	CHIP 75OHM 1/16W 1%
R492	061T0603750 9F	CHIP 75OHM 1/16W 1%
R490	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1E5	061T0603750 9F	CHIP 75OHM 1/16W 1%
R124	061T0603750 9F	CHIP 75OHM 1/16W 1%
R125	061T0603750 9F	CHIP 75OHM 1/16W 1%
R126	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D1	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D2	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D3	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D4	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D5	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D6	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D7	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D8	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D9	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1E0	061T0603750 9F	CHIP 75OHM 1/16W 1%

R1E1	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1E2	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1E3	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1E4	061T0603750 9F	CHIP 75OHM 1/16W 1%
R4A2	061T0603820 0F	RST CHIPR 820 OHM +-1% 1/10W
R1000	061T0603820 0F	RST CHIPR 820 OHM +-1% 1/10W
R601	061T0603823	RST CHIPR 82 KOHM +-5% 1/10W
FB913	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
FB912	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
FB911	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
R510	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R509	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R508	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R4N5	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R4N4	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R4N3	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R4N2	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
C4K4	065T0603100 31	CHIP 10PF 50V NPO
C4K5	065T0603100 31	CHIP 10PF 50V NPO
C948	065T0603101 32	CHIP 100PF 50V X7R
C945	065T0603101 32	CHIP 100PF 50V X7R
C762	065T0603101 32	CHIP 100PF 50V X7R
C758	065T0603101 32	CHIP 100PF 50V X7R
C4B3	065T0603102 32	CHIP 1000PF 50V X7R
C4K6	065T0603102 32	CHIP 1000PF 50V X7R
C500	065T0603102 32	CHIP 1000PF 50V X7R
C708	065T0603102 32	CHIP 1000PF 50V X7R
C716	065T0603102 32	CHIP 1000PF 50V X7R
C735	065T0603102 32	CHIP 1000PF 50V X7R
C965	065T0603102 32	CHIP 1000PF 50V X7R
C964	065T0603102 32	CHIP 1000PF 50V X7R
C963	065T0603102 32	CHIP 1000PF 50V X7R
C753	065T0603102 32	CHIP 1000PF 50V X7R
C750	065T0603102 32	CHIP 1000PF 50V X7R
C749	065T0603102 32	CHIP 1000PF 50V X7R
C736	065T0603102 32	CHIP 1000PF 50V X7R
C701	065T0603103 32	CHIP 0.01UF 50V X7R
C4B2	065T0603103 32	CHIP 0.01UF 50V X7R
C4B1	065T0603103 32	CHIP 0.01UF 50V X7R
C4B0	065T0603103 32	CHIP 0.01UF 50V X7R
C4A8	065T0603103 32	CHIP 0.01UF 50V X7R
C976	065T0603103 32	CHIP 0.01UF 50V X7R
C975	065T0603103 32	CHIP 0.01UF 50V X7R
C710	065T0603103 32	CHIP 0.01UF 50V X7R
C718	065T0603103 32	CHIP 0.01UF 50V X7R
C719	065T0603103 32	CHIP 0.01UF 50V X7R
C720	065T0603103 32	CHIP 0.01UF 50V X7R
C721	065T0603103 32	CHIP 0.01UF 50V X7R
C739	065T0603103 32	CHIP 0.01UF 50V X7R
C742	065T0603103 32	CHIP 0.01UF 50V X7R
C757	065T0603103 32	CHIP 0.01UF 50V X7R
C759	065T0603103 32	CHIP 0.01UF 50V X7R
C760	065T0603103 32	CHIP 0.01UF 50V X7R
C761	065T0603103 32	CHIP 0.01UF 50V X7R
C968	065T0603103 32	CHIP 0.01UF 50V X7R
C969	065T0603103 32	CHIP 0.01UF 50V X7R

C974	065T0603103 32	CHIP 0.01UF 50V X7R
C973	065T0603103 32	CHIP 0.01UF 50V X7R
C972	065T0603103 32	CHIP 0.01UF 50V X7R
C971	065T0603103 32	CHIP 0.01UF 50V X7R
C970	065T0603103 32	CHIP 0.01UF 50V X7R
C982	065T0603103 32	CHIP 0.01UF 50V X7R
C981	065T0603103 32	CHIP 0.01UF 50V X7R
C980	065T0603103 32	CHIP 0.01UF 50V X7R
C979	065T0603103 32	CHIP 0.01UF 50V X7R
C978	065T0603103 32	CHIP 0.01UF 50V X7R
C977	065T0603103 32	CHIP 0.01UF 50V X7R
C704	065T0603103 32	CHIP 0.01UF 50V X7R
C709	065T0603103 32	CHIP 0.01UF 50V X7R
C4A7	065T0603103 32	CHIP 0.01UF 50V X7R
C4A1	065T0603103 32	CHIP 0.01UF 50V X7R
C4A0	065T0603103 32	CHIP 0.01UF 50V X7R
C494	065T0603103 32	CHIP 0.01UF 50V X7R
C442	065T0603103 32	CHIP 0.01UF 50V X7R
C441	065T0603103 32	CHIP 0.01UF 50V X7R
C510	065T0603104 32	CHIP 0.1UF 50V X7R
C509	065T0603104 32	CHIP 0.1UF 50V X7R
C508	065T0603104 32	CHIP 0.1UF 50V X7R
C507	065T0603104 32	CHIP 0.1UF 50V X7R
C506	065T0603104 32	CHIP 0.1UF 50V X7R
C4K3	065T0603104 32	CHIP 0.1UF 50V X7R
C4J7	065T0603104 32	CHIP 0.1UF 50V X7R
C4J4	065T0603104 32	CHIP 0.1UF 50V X7R
C4J2	065T0603104 32	CHIP 0.1UF 50V X7R
C4J1	065T0603104 32	CHIP 0.1UF 50V X7R
C4J0	065T0603104 32	CHIP 0.1UF 50V X7R
C511	065T0603104 32	CHIP 0.1UF 50V X7R
C512	065T0603104 32	CHIP 0.1UF 50V X7R
C513	065T0603104 32	CHIP 0.1UF 50V X7R
C514	065T0603104 32	CHIP 0.1UF 50V X7R
C515	065T0603104 32	CHIP 0.1UF 50V X7R
C516	065T0603104 32	CHIP 0.1UF 50V X7R
C517	065T0603104 32	CHIP 0.1UF 50V X7R
C518	065T0603104 32	CHIP 0.1UF 50V X7R
C519	065T0603104 32	CHIP 0.1UF 50V X7R
C520	065T0603104 32	CHIP 0.1UF 50V X7R
C521	065T0603104 32	CHIP 0.1UF 50V X7R
C522	065T0603104 32	CHIP 0.1UF 50V X7R
C4D8	065T0603104 32	CHIP 0.1UF 50V X7R
C4D9	065T0603104 32	CHIP 0.1UF 50V X7R
C4E0	065T0603104 32	CHIP 0.1UF 50V X7R
C4E1	065T0603104 32	CHIP 0.1UF 50V X7R
C4E2	065T0603104 32	CHIP 0.1UF 50V X7R
C4E3	065T0603104 32	CHIP 0.1UF 50V X7R
C4E4	065T0603104 32	CHIP 0.1UF 50V X7R
C4E5	065T0603104 32	CHIP 0.1UF 50V X7R
C4E6	065T0603104 32	CHIP 0.1UF 50V X7R
C4E7	065T0603104 32	CHIP 0.1UF 50V X7R
C4E8	065T0603104 32	CHIP 0.1UF 50V X7R
C4E9	065T0603104 32	CHIP 0.1UF 50V X7R
C4F0	065T0603104 32	CHIP 0.1UF 50V X7R
C4F2	065T0603104 32	CHIP 0.1UF 50V X7R

C4F5	065T0603104 32	CHIP 0.1UF 50V X7R
C4H1	065T0603104 32	CHIP 0.1UF 50V X7R
C4H3	065T0603104 32	CHIP 0.1UF 50V X7R
C4H4	065T0603104 32	CHIP 0.1UF 50V X7R
C4H5	065T0603104 32	CHIP 0.1UF 50V X7R
C4H6	065T0603104 32	CHIP 0.1UF 50V X7R
C4H7	065T0603104 32	CHIP 0.1UF 50V X7R
C4H8	065T0603104 32	CHIP 0.1UF 50V X7R
C4H9	065T0603104 32	CHIP 0.1UF 50V X7R
C523	065T0603104 32	CHIP 0.1UF 50V X7R
C901	065T0603104 32	CHIP 0.1UF 50V X7R
C904	065T0603104 32	CHIP 0.1UF 50V X7R
C906	065T0603104 32	CHIP 0.1UF 50V X7R
C915	065T0603104 32	CHIP 0.1UF 50V X7R
C916	065T0603104 32	CHIP 0.1UF 50V X7R
C917	065T0603104 32	CHIP 0.1UF 50V X7R
C918	065T0603104 32	CHIP 0.1UF 50V X7R
C919	065T0603104 32	CHIP 0.1UF 50V X7R
C920	065T0603104 32	CHIP 0.1UF 50V X7R
C921	065T0603104 32	CHIP 0.1UF 50V X7R
C922	065T0603104 32	CHIP 0.1UF 50V X7R
C923	065T0603104 32	CHIP 0.1UF 50V X7R
C942	065T0603104 32	CHIP 0.1UF 50V X7R
C949	065T0603104 32	CHIP 0.1UF 50V X7R
C950	065T0603104 32	CHIP 0.1UF 50V X7R
C953	065T0603104 32	CHIP 0.1UF 50V X7R
C957	065T0603104 32	CHIP 0.1UF 50V X7R
C958	065T0603104 32	CHIP 0.1UF 50V X7R
C959	065T0603104 32	CHIP 0.1UF 50V X7R
C966	065T0603104 32	CHIP 0.1UF 50V X7R
C988	065T0603104 32	CHIP 0.1UF 50V X7R
C989	065T0603104 32	CHIP 0.1UF 50V X7R
C990	065T0603104 32	CHIP 0.1UF 50V X7R
C524	065T0603104 32	CHIP 0.1UF 50V X7R
C525	065T0603104 32	CHIP 0.1UF 50V X7R
C526	065T0603104 32	CHIP 0.1UF 50V X7R
C527	065T0603104 32	CHIP 0.1UF 50V X7R
C528	065T0603104 32	CHIP 0.1UF 50V X7R
C531	065T0603104 32	CHIP 0.1UF 50V X7R
C536	065T0603104 32	CHIP 0.1UF 50V X7R
C600	065T0603104 32	CHIP 0.1UF 50V X7R
C694	065T0603104 32	CHIP 0.1UF 50V X7R
C695	065T0603104 32	CHIP 0.1UF 50V X7R
C705	065T0603104 32	CHIP 0.1UF 50V X7R
C706	065T0603104 32	CHIP 0.1UF 50V X7R
C707	065T0603104 32	CHIP 0.1UF 50V X7R
C711	065T0603104 32	CHIP 0.1UF 50V X7R
C715	065T0603104 32	CHIP 0.1UF 50V X7R
C717	065T0603104 32	CHIP 0.1UF 50V X7R
C734	065T0603104 32	CHIP 0.1UF 50V X7R
C737	065T0603104 32	CHIP 0.1UF 50V X7R
C751	065T0603104 32	CHIP 0.1UF 50V X7R
C752	065T0603104 32	CHIP 0.1UF 50V X7R
C754	065T0603104 32	CHIP 0.1UF 50V X7R
C755	065T0603104 32	CHIP 0.1UF 50V X7R
C756	065T0603104 32	CHIP 0.1UF 50V X7R

C4D7	065T0603104 32	CHIP 0.1UF 50V X7R
C406	065T0603104 32	CHIP 0.1UF 50V X7R
C407	065T0603104 32	CHIP 0.1UF 50V X7R
C408	065T0603104 32	CHIP 0.1UF 50V X7R
C409	065T0603104 32	CHIP 0.1UF 50V X7R
C410	065T0603104 32	CHIP 0.1UF 50V X7R
C411	065T0603104 32	CHIP 0.1UF 50V X7R
C412	065T0603104 32	CHIP 0.1UF 50V X7R
C413	065T0603104 32	CHIP 0.1UF 50V X7R
C417	065T0603104 32	CHIP 0.1UF 50V X7R
C418	065T0603104 32	CHIP 0.1UF 50V X7R
C419	065T0603104 32	CHIP 0.1UF 50V X7R
C420	065T0603104 32	CHIP 0.1UF 50V X7R
C421	065T0603104 32	CHIP 0.1UF 50V X7R
C422	065T0603104 32	CHIP 0.1UF 50V X7R
C425	065T0603104 32	CHIP 0.1UF 50V X7R
C426	065T0603104 32	CHIP 0.1UF 50V X7R
C106	065T0603104 32	CHIP 0.1UF 50V X7R
C108	065T0603104 32	CHIP 0.1UF 50V X7R
C112	065T0603104 32	CHIP 0.1UF 50V X7R
C113	065T0603104 32	CHIP 0.1UF 50V X7R
C114	065T0603104 32	CHIP 0.1UF 50V X7R
C115	065T0603104 32	CHIP 0.1UF 50V X7R
C160	065T0603104 32	CHIP 0.1UF 50V X7R
C170	065T0603104 32	CHIP 0.1UF 50V X7R
C173	065T0603104 32	CHIP 0.1UF 50V X7R
C174	065T0603104 32	CHIP 0.1UF 50V X7R
C175	065T0603104 32	CHIP 0.1UF 50V X7R
C176	065T0603104 32	CHIP 0.1UF 50V X7R
C1E3	065T0603104 32	CHIP 0.1UF 50V X7R
C401	065T0603104 32	CHIP 0.1UF 50V X7R
C402	065T0603104 32	CHIP 0.1UF 50V X7R
C403	065T0603104 32	CHIP 0.1UF 50V X7R
C427	065T0603104 32	CHIP 0.1UF 50V X7R
C459	065T0603104 32	CHIP 0.1UF 50V X7R
C467	065T0603104 32	CHIP 0.1UF 50V X7R
C468	065T0603104 32	CHIP 0.1UF 50V X7R
C470	065T0603104 32	CHIP 0.1UF 50V X7R
C471	065T0603104 32	CHIP 0.1UF 50V X7R
C478	065T0603104 32	CHIP 0.1UF 50V X7R
C479	065T0603104 32	CHIP 0.1UF 50V X7R
C480	065T0603104 32	CHIP 0.1UF 50V X7R
C481	065T0603104 32	CHIP 0.1UF 50V X7R
C499	065T0603104 32	CHIP 0.1UF 50V X7R
C4A3	065T0603104 32	CHIP 0.1UF 50V X7R
C4A5	065T0603104 32	CHIP 0.1UF 50V X7R
C4A6	065T0603104 32	CHIP 0.1UF 50V X7R
C4A9	065T0603104 32	CHIP 0.1UF 50V X7R
C4B9	065T0603104 32	CHIP 0.1UF 50V X7R
C4D6	065T0603104 32	CHIP 0.1UF 50V X7R
C428	065T0603104 32	CHIP 0.1UF 50V X7R
C429	065T0603104 32	CHIP 0.1UF 50V X7R
C430	065T0603104 32	CHIP 0.1UF 50V X7R
C433	065T0603104 32	CHIP 0.1UF 50V X7R
C434	065T0603104 32	CHIP 0.1UF 50V X7R
C435	065T0603104 32	CHIP 0.1UF 50V X7R

C436	065T0603104 32	CHIP 0.1UF 50V X7R
C437	065T0603104 32	CHIP 0.1UF 50V X7R
C454	065T0603104 32	CHIP 0.1UF 50V X7R
C453	065T0603104 32	CHIP 0.1UF 50V X7R
C452	065T0603104 32	CHIP 0.1UF 50V X7R
C446	065T0603104 32	CHIP 0.1UF 50V X7R
C445	065T0603104 32	CHIP 0.1UF 50V X7R
C443	065T0603104 32	CHIP 0.1UF 50V X7R
C439	065T0603104 32	CHIP 0.1UF 50V X7R
C438	065T0603104 32	CHIP 0.1UF 50V X7R
C985	065T0603105 12	CHIP 1UF 16V X7R
C986	065T0603105 12	CHIP 1UF 16V X7R
C103	065T0603121 31	CHIP 120PF 50V NPO
C105	065T0603121 31	CHIP 120PF 50V NPO
C4K0	065T0603152 32	CHIP 1500PF 50V X7R
C4K1	065T0603152 32	CHIP 1500PF 50V X7R
C747	065T0603152 32	CHIP 1500PF 50V X7R
C725	065T0603152 32	CHIP 1500PF 50V X7R
C745	065T0603152 32	CHIP 1500PF 50V X7R
C912	065T0603180 31	CHIP 18PF 50V NPO
C913	065T0603180 31	CHIP 18PF 50V NPO
C712	065T0603220 31	CHIP 22PF 50V NPO
C713	065T0603220 31	CHIP 22PF 50V NPO
C722	065T0603220 31	CHIP 22PF 50V NPO
C723	065T0603220 31	CHIP 22PF 50V NPO
C730	065T0603220 31	CHIP 22PF 50V NPO
C4F3	065T0603220 31	CHIP 22PF 50V NPO
C4F4	065T0603220 31	CHIP 22PF 50V NPO
C456	065T0603224 22	CHIP CAP 0.22UF 25V X7
C961	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C4F6	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C460	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C983	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C984	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C697	065T0603331 31	CHIP 330PF 50V NPO
C501	065T0603392 32	CHIP 3900PF 50V X7R
C502	065T0603393 32	CHIP 0.039UF 50V X7R
C728	065T0603470 32	CHIP 47PF 50V X7R
C727	065T0603470 32	CHIP 47PF 50V X7R
C703	065T0603470 32	CHIP 47PF 50V X7R
C462	065T0603470 32	CHIP 47PF 50V X7R
C458	065T0603470 32	CHIP 47PF 50V X7R
C1E5	065T0603470 32	CHIP 47PF 50V X7R
C503	065T0603473 32	CHIP 0.047UF 50V X7R
C504	065T0603473 32	CHIP 0.047UF 50V X7R
C505	065T0603473 32	CHIP 0.047UF 50V X7R
C900	065T0603474 17	CHIP 0.47UF 16V Y5V
C1000	065T0603509 31	CHIP 5PF 50V NPO
C991	065T0603509 31	CHIP 5PF 50V NPO
C992	065T0603509 31	CHIP 5PF 50V NPO
C993	065T0603509 31	CHIP 5PF 50V NPO
C994	065T0603509 31	CHIP 5PF 50V NPO
C995	065T0603509 31	CHIP 5PF 50V NPO
C996	065T0603509 31	CHIP 5PF 50V NPO
C997	065T0603509 31	CHIP 5PF 50V NPO
C998	065T0603509 31	CHIP 5PF 50V NPO

C999	065T0603509 31	CHIP 5PF 50V NPO
C702	065T0603560 31	CHIP 56PF 50V NPO
C726	065T0603561 31	CHIP 560PF 50V NPO
C748	065T0603561 31	CHIP 560PF 50V NPO
C746	065T0603561 31	CHIP 560PF 50V NPO
C729	065T0603820 31	0603 82PF +-5%, 50V NPO
C604	065T0805105 37	CHIP 1UF 50V Y5V
C602	065T0805105 37	CHIP 1UF 50V Y5V
C741	065T0805105 37	CHIP 1UF 50V Y5V
C740	065T0805105 37	CHIP 1UF 50V Y5V
C738	065T0805105 37	CHIP 1UF 50V Y5V
C603	065T0805105 37	CHIP 1UF 50V Y5V
C4J6	065T0805105 37	CHIP 1UF 50V Y5V
C4A4	065T0805105 37	CHIP 1UF 50V Y5V
C4A2	065T0805105 37	CHIP 1UF 50V Y5V
C498	065T0805105 37	CHIP 1UF 50V Y5V
C497	065T0805105 37	CHIP 1UF 50V Y5V
C496	065T0805105 37	CHIP 1UF 50V Y5V
C495	065T0805105 37	CHIP 1UF 50V Y5V
C109	065T0805105 37	CHIP 1UF 50V Y5V
C107	065T0805105 37	CHIP 1UF 50V Y5V
C104	065T0805105 37	CHIP 1UF 50V Y5V
C102	065T0805105 37	CHIP 1UF 50V Y5V
C188	067T311F100 3T	105°C 10UF +-20% 16V SMD
C187	067T311F100 3T	105°C 10UF +-20% 16V SMD
C186	067T311F100 3T	105°C 10UF +-20% 16V SMD
C185	067T311F100 3T	105°C 10UF +-20% 16V SMD
C469	067T311F100 3T	105°C 10UF +-20% 16V SMD
C432	067T311F100 3T	105°C 10UF +-20% 16V SMD
C431	067T311F100 3T	105°C 10UF +-20% 16V SMD
C424	067T311F100 3T	105°C 10UF +-20% 16V SMD
C423	067T311F100 3T	105°C 10UF +-20% 16V SMD
C416	067T311F100 3T	105°C 10UF +-20% 16V SMD
C415	067T311F100 3T	105°C 10UF +-20% 16V SMD
C414	067T311F100 3T	105°C 10UF +-20% 16V SMD
C405	067T311F100 3T	105°C 10UF +-20% 16V SMD
C404	067T311F100 3T	105°C 10UF +-20% 16V SMD
C192	067T311F100 3T	105°C 10UF +-20% 16V SMD
C191	067T311F100 3T	105°C 10UF +-20% 16V SMD
C190	067T311F100 3T	105°C 10UF +-20% 16V SMD
C189	067T311F100 3T	105°C 10UF +-20% 16V SMD
C941	067T311F100 3T	105°C 10UF +-20% 16V SMD
C925	067T311F100 3T	105°C 10UF +-20% 16V SMD
C924	067T311F100 3T	105°C 10UF +-20% 16V SMD
C744	067T311F100 3T	105°C 10UF +-20% 16V SMD
C743	067T311F100 3T	105°C 10UF +-20% 16V SMD
C724	067T311F100 3T	105°C 10UF +-20% 16V SMD
C696	067T311F100 3T	105°C 10UF +-20% 16V SMD
C613	067T311F100 3T	105°C 10UF +-20% 16V SMD
C612	067T311F100 3T	105°C 10UF +-20% 16V SMD
C608	067T311F100 3T	105°C 10UF +-20% 16V SMD
C607	067T311F100 3T	105°C 10UF +-20% 16V SMD
C4J9	067T311F100 3T	105°C 10UF +-20% 16V SMD
C4J8	067T311F100 3T	105°C 10UF +-20% 16V SMD
C4J3	067T311F100 3T	105°C 10UF +-20% 16V SMD

C184	067T311F100 3T	105°C 10UF +-20% 16V SMD
C183	067T311F100 3T	105°C 10UF +-20% 16V SMD
C182	067T311F100 3T	105°C 10UF +-20% 16V SMD
C181	067T311F100 3T	105°C 10UF +-20% 16V SMD
C180	067T311F100 3T	105°C 10UF +-20% 16V SMD
C943	067T311F101 4T	EC 105°C 100UF M 25V
C931	067T311F220 3T	105°C 22UF +-20% 16V SMD
C930	067T311F220 3T	105°C 22UF +-20% 16V SMD
C4B8	067T311F220 3T	105°C 22UF +-20% 16V SMD
C4B7	067T311F220 3T	105°C 22UF +-20% 16V SMD
C466	067T311F220 3T	105°C 22UF +-20% 16V SMD
C199	067T311F220 3T	105°C 22UF +-20% 16V SMD
C198	067T311F220 3T	105°C 22UF +-20% 16V SMD
C197	067T311F220 3T	105°C 22UF +-20% 16V SMD
C196	067T311F220 3T	105°C 22UF +-20% 16V SMD
C195	067T311F220 3T	105°C 22UF +-20% 16V SMD
C194	067T311F220 3T	105°C 22UF +-20% 16V SMD
C193	067T311F220 3T	105°C 22UF +-20% 16V SMD
C4K2	067T311F220 4T	CAP S105°C 22UF M 25V
C928	067T311F221 2	105°C 220UF M 10V SMD
C929	067T311F221 2	105°C 220UF M 10V SMD
C940	067T311F221 2	105°C 220UF M 10V SMD
C954	067T311F221 2	105°C 220UF M 10V SMD
C1B0	067T311F470 1T	EC 105°C 47UF M 6.3V
C1A9	067T311F470 1T	EC 105°C 47UF M 6.3V
C1A8	067T311F470 1T	EC 105°C 47UF M 6.3V
C1A7	067T311F470 1T	EC 105°C 47UF M 6.3V
C1A6	067T311F470 1T	EC 105°C 47UF M 6.3V
C1A5	067T311F470 1T	EC 105°C 47UF M 6.3V
C129	067T311F470 1T	EC 105°C 47UF M 6.3V
C127	067T311F470 1T	EC 105°C 47UF M 6.3V
C125	067T311F470 1T	EC 105°C 47UF M 6.3V
C932	067T311F471 3T	105°C 470UF +-20% 16V SMD
C733	067T311F471 3T	105°C 470UF +-20% 16V SMD
C732	067T311F471 3T	105°C 470UF +-20% 16V SMD
C731	067T311F471 3T	105°C 470UF +-20% 16V SMD
C951	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C927	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C179	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C178	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C177	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C1001	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C1A0	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C1A2	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C1A4	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C477	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C529	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C530	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C532	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C534	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C535	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C601	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C609	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C905	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C909	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V

C914	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C933	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C934	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C935	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C936	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C937	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C967	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
C987	067T411F4703XT	EC 105°C SMD CAP 47UF M 16V
FB410	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB411	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB601	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB602	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB604	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB605	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB606	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB915	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB916	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB917	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB106	071T 56U601	BEAD 600 OHM
FB110	071T 56U601	BEAD 600 OHM
FB607	071T 56U601	BEAD 600 OHM
FB910	071T 57G301 EA	CHIP BEAD
FB412	071T 57G301 EA	CHIP BEAD
FB126	071T 57G601	BEAD 1206 600 OHM
FB603	071T 57G601	BEAD 1206 600 OHM
FB701	071T 57G601	BEAD 1206 600 OHM
FB702	071T 57G601	BEAD 1206 600 OHM
FB703	071T 57G601	BEAD 1206 600 OHM
FB704	071T 57G601	BEAD 1206 600 OHM
FB705	071T 57G601	BEAD 1206 600 OHM
FB501	071T 57G601	BEAD 1206 600 OHM
FB500	071T 57G601	BEAD 1206 600 OHM
FB402	071T 57G601	BEAD 1206 600 OHM
FB401	071T 57G601	BEAD 1206 600 OHM
FB129	071T 57G601	BEAD 1206 600 OHM
FB128	071T 57G601	BEAD 1206 600 OHM
FB127	071T 57G601	BEAD 1206 600 OHM
FB502	071T 57G601	BEAD 1206 600 OHM
FB503	071T 57G601	BEAD 1206 600 OHM
FB600	071T 57G601	BEAD 1206 600 OHM
FB933	071T 57G601	BEAD 1206 600 OHM
FB932	071T 57G601	BEAD 1206 600 OHM
FB918	071T 57G601	BEAD 1206 600 OHM
FB909	071T 57G601	BEAD 1206 600 OHM
FB904	071T 57G601	BEAD 1206 600 OHM
FB902	071T 57G601	BEAD 1206 600 OHM
FB901	071T 57G601	BEAD 1206 600 OHM
FB900	071T 57G601	BEAD 1206 600 OHM
FB714	071T 57G601	BEAD 1206 600 OHM
FB713	071T 57G601	BEAD 1206 600 OHM
FB712	071T 57G601	BEAD 1206 600 OHM
FB706	071T 57G601	BEAD 1206 600 OHM
FB125	071T 57G601	BEAD 1206 600 OHM
FB409	071T 58B151 K	CHIP BEAD 150 OHMFBMA-11-32251
FB408	071T 58B151 K	CHIP BEAD 150 OHMFBMA-11-32251
FB407	071T 58B151 K	CHIP BEAD 150 OHMFBMA-11-32251

FB406	071T 58B151 K	CHIP BEAD 150 OHMFBMA-11-32251
FB405	071T 58B151 K	CHIP BEAD 150 OHMFBMA-11-32251
FB404	071T 58B151 K	CHIP BEAD 150 OHMFBMA-11-32251
FB403	071T 58B151 K	CHIP BEAD 150 OHMFBMA-11-32251
FB113	071T 59B121	BEAD 0603 120 OHM
FB112	071T 59B121	BEAD 0603 120 OHM
FB111	071T 59B121	BEAD 0603 120 OHM
FB109	071T 59B121	BEAD 0603 120 OHM
FB108	071T 59B121	BEAD 0603 120 OHM
FB107	071T 59B121	BEAD 0603 120 OHM
FB105	071T 59B121	BEAD 0603 120 OHM
FB104	071T 59B121	BEAD 0603 120 OHM
FB103	071T 59B121	BEAD 0603 120 OHM
FB102	071T 59B121	BEAD 0603 120 OHM
FB101	071T 59B121	BEAD 0603 120 OHM
FB100	071T 59B121	BEAD 0603 120 OHM
FB114	071T 59B121	BEAD 0603 120 OHM
FB131	071T 59B121	BEAD 0603 120 OHM
FB130	071T 59B121	BEAD 0603 120 OHM
FB124	071T 59B121	BEAD 0603 120 OHM
FB123	071T 59B121	BEAD 0603 120 OHM
FB122	071T 59B121	BEAD 0603 120 OHM
FB121	071T 59B121	BEAD 0603 120 OHM
FB120	071T 59B121	BEAD 0603 120 OHM
FB119	071T 59B121	BEAD 0603 120 OHM
FB118	071T 59B121	BEAD 0603 120 OHM
FB117	071T 59B121	BEAD 0603 120 OHM
FB116	071T 59B121	BEAD 0603 120 OHM
FB115	071T 59B121	BEAD 0603 120 OHM
FB931	071T 59K800	CHIP BEAD
FB930	071T 59K800	CHIP BEAD
FB929	071T 59K800	CHIP BEAD
L701	073T 57228	CHIP INDUCTOR 0805 0.22UH+-10% JKMT
L706	073T 6310910M	CHIP INDUCTOR 0603 1.0UH+-10% MICROGATE
L711	073T 8533810K	CHIP INDUCTOR 0.33UH 10% 0805
L710	073T 8533810K	CHIP INDUCTOR 0.33UH 10% 0805
L707	073T 12618910M	CHIP INDUCTOR 1206 1.8UH+-10% MICROGATE
L902	073T253S 3 B	IND SMD 33.0UH+-20% BULL WILL
L901	073T253S 3 B	IND SMD 33.0UH+-20% BULL WILL
F1	084T 52 15 B GP	CHIP FUSE 1.0A 63V
CN413	088T 340 19 AC	HDMI HEADER 19P +SCREW HOLE
CN906	088T 340 19 AC	HDMI HEADER 19P +SCREW HOLE
ZD100	093T 60230	BAT54C BY MCC
ZD101	093T 64 37 N	V-PORT-0603-100K V05
ZD102	093T 64 37 N	V-PORT-0603-100K V05
ZD105	093T 64 37 N	V-PORT-0603-100K V05
ZD106	093T 64 37 N	V-PORT-0603-100K V05
ZD110	093T 64 37 N	V-PORT-0603-100K V05
ZD111	093T 64 37 N	V-PORT-0603-100K V05
ZD113	093T 64 37 N	V-PORT-0603-100K V05
ZD905	093T 64 37 N	V-PORT-0603-100K V05
ZD904	093T 64 37 N	V-PORT-0603-100K V05
ZD903	093T 64 37 N	V-PORT-0603-100K V05
ZD602	093T 64 37 N	V-PORT-0603-100K V05
ZD601	093T 64 37 N	V-PORT-0603-100K V05
ZD403	093T 64 37 N	V-PORT-0603-100K V05

ZD402	093T 64 37 N	V-PORT-0603-100K V05
ZD401	093T 64 37 N	V-PORT-0603-100K V05
ZD117	093T 64 37 N	V-PORT-0603-100K V05
ZD115	093T 64 37 N	V-PORT-0603-100K V05
ZD114	093T 64 37 N	V-PORT-0603-100K V05
D3	093T 6432V	LL4148-GSO8 SMD BY VISHA
D2	093T 6432V	LL4148-GSO8 SMD BY VISHA
D1	093T 6432V	LL4148-GSO8 SMD BY VISHA
ZD132	093T 6433P	BAV99
ZD131	093T 6433P	BAV99
ZD130	093T 6433P	BAV99
ZD128	093T 6433P	BAV99
ZD124	093T 6433P	BAV99
ZD123	093T 6433P	BAV99
ZD122	093T 6433P	BAV99
ZD109	093T 6433P	BAV99
ZD108	093T 6433P	BAV99
ZD103	093T 6433P	BAV99
ZD900	093T3004 1	SMAL340XXXRO 3A 40V SMA FULL P
ZD901	093T3004 1	SMAL340XXXRO 3A 40V SMA FULL P
	715T2300 2	MAIN BOARD PCB
	Q07T 7 T137	PALLET
	Q15T0146A01	BKT CONNECT L
	Q15T0147A01	BKT CONNECT R
	Q15T0150A01	SUPPORT L
	Q15T0151A01	SUPPORT R
	Q36T 600 35 16	HIMERON
	Q36T 600 38 1	HIMERON
	Q40T 420615 2A	RATING LABEL
	Q40T000267322A	I/O LABEL
	Q40T000267323A	LABEL
	Q44T3121510548	PU FOAM
	Q44T3231 21 18	EVA WASHER
	Q44T3231 21 29	EVA WASHER
	Q44T3231 21 30	EVA WASHER
	Q44TN001 1	CUSHION_EPS 42"
	Q44TN001 2	CUSHION_EPS 42"
	Q44TN001 3	CUSHION_EPS 42"
	Q44TN001 4	CUSHION_EPS 42"
	Q44TN001615 1A	CARTON
	Q44TN001BLO001	PAPER SHEET
	Q45T 99609 34	EPE COVER FOR MONITOR
	Q45T 99609 44	EPE COVER FOR BASE
	Q52T6025 15219	INSULATING SHEET
	Q52T6025 15230	INSULATING SHEET
	040T 58162435A	LABEL
	045T 76 28 C	PE BAG FOR MANUAL
	Q41T4201673 1A	MANUAL
	Q41T780067353A	WARRANTY CARD

12. Different Part List

Diversity of E427AZNS2WA2NN compared with E427AZNS2WA2NN		
Location	TPV Part No.	Description
	001T6021 1	SCREW
	050T 600 1 W	WIHITE STRAP
	052T 1150 C	BLACK TAPE
	078T 451 5 G	SPEAKER 8 OHM 15W 150X57.5MM
	089T 725HAA DB	D-SUB
	095T8013 3D569	WIRE HARNESS 3P 290MM
	0M1T 960 8 47 CR3	SCREW
	715T2532 2	IR BOARD
	015T6184 1	KENSINGTON LOCK
	0D1T 930 6120	SCREW
	A33T0138 GMB2L 30	COVER_FUNC
	A33T0139 AI 2L	BUTTON_FUNC
	089T 183501 W	RS 232 CABLE 250MM
	A15T0176B02	BKT-IO-BOTTOM
	750TVUT0W1523N	PANEL T420XW01 V501 XM AUO
	A15T0175A02	BKT-IO-TOP
C907	063T213J105GWH	FILM CAP 1UF J 450V
L971	073T 253150 H	IND CHOKE 3.0UH+-10% DADON
D972	093T 6432U	MLL4148
D971	093T 6432U	MLL4148
D931	093T 6432U	MLL4148
D904	093T 6432U	MLL4148
D903	093T 6432U	MLL4148
D936	093T 6038T52T	FR103
D932	093T 6038T52T	FR103
L11	073T 253158 L	CHOKE COIL
L2	073T 253158 L	CHOKE COIL
L4	073T 253158 L	CHOKE COIL
L9	073T 253158 L	CHOKE COIL
SF701	053T 44500	SAM FILTER X6941M SIP-5K
U106	056T113334A	IC 24LC02B/SNG SOIC-8 MICROCHIP
ZD140	093T 39147	TZMC 5V6
ZD139	093T 39147	TZMC 5V6
ZD138	093T 39147	TZMC 5V6
ZD135	093T 39147	TZMC 5V6
ZD134	093T 39147	TZMC 5V6
ZD133	093T 39147	TZMC 5V6
ZD126	093T 39147	TZMC 5V6
ZD125	093T 39147	TZMC 5V6
ZD121	093T 39147	TZMC 5V6
ZD120	093T 39147	TZMC 5V6
ZD119	093T 39147	TZMC 5V6
ZD118	093T 39147	TZMC 5V6
ZD600	093T 39147	TZMC 5V6
ZD149	093T 39147	TZMC 5V6

ZD148	093T 39147	TZMC 5V6
ZD147	093T 39147	TZMC 5V6
ZD146	093T 39147	TZMC 5V6
ZD145	093T 39147	TZMC 5V6
ZD144	093T 39147	TZMC 5V6
ZD143	093T 39147	TZMC 5V6
ZD142	093T 39147	TZMC 5V6
ZD141	093T 39147	TZMC 5V6
	715T2300 3	MAIN BOARD
U401	056T 644601 1	IC ZR39661BGCG VER:B3
	Q40T000267321B	LABEL
	Q40T000267327A	POP LABEL
	Q45T 99609 66	EPE COVER FOR MONITOR
	Q52T6025 15239	MYLAR
	001T6020 5	SCREW

Diversity of E427AZNK2WA5NN compared with E427AZNS2WA2NN

Location	TPV Part No.	Description
	001T6021 1	SCREW
	040T 459690 5A	CARTON LABEL
	050T 600 1 W	WIHITE STRAP
	052T 1150 C	BLACK TAPE
	078T 451 5 G	SPEAKER 8 OHM 15W 150X57.5MM
	089T 725HAA DB	D-SUB
	095T8013 3D569	WIRE HARNESS 3P 290MM
	0M1T 960 8 47 CR3	SCREW
	715T2532 2	IR BOARD PCB
	0D1T 930 6120	SCREW
	A33T0138 GMB2L 30	COVER_FUNC
	A33T0139 AI 2L	BUTTON_FUNC
	089T 183501 W	RS 232 CABLE 250MM
	A15T0176B02	BKT-IO-BOTTOM
	A15T0175A02	BKT-IO-TOP
D936	093T 6038T52T	FR103
D932	093T 6038T52T	FR103
	715T2300 3	MAIN BOARD PCB
U401	056T 644601 1	IC ZR39661BGCG VER:B3
	Q40T 420615 1A	RATING LABEL
	Q40T000267321B	LABEL
	Q40T000267327A	POP LABEL
	Q44TN001615 2A	CARTON
	Q45T 99609 66	EPE COVER FOR MONITOR
	Q52T6025 15239	MYLAR
	001T6020 5	SCREW
	Q41T4201673 2A	MANUAL
	Q41T7800615A68	MEXICO CENTER LIST
	Q41T7800615A94	WARRANTY BOOKLET