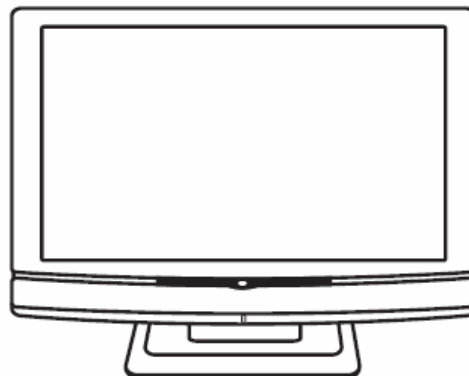


Service
Service
Service



Service Manual

Horizontal Frequency
31~60 kHz

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SAFETY NOTICE

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

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

Important Safety Notice

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

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

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

WARNING

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

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

FOR PRODUCTS CONTAINING LASER:

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

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

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

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

Take care during handling the LCD module with backlight unit

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

Revision List

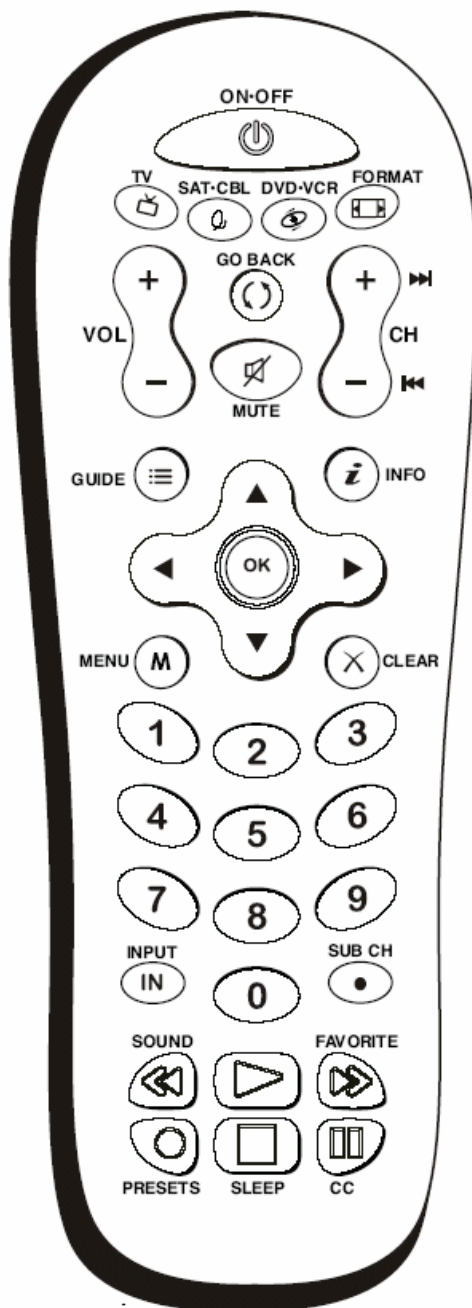
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1. General Specification

Items		Specification	
LCD Panel	Panel Type	CLAA370WA03S	
	Driving system	TFT-LCD Panel	
	Aspect Ratio	16: 9	
	Resolutions	1366 x768	
	Active Area	819.6 (H) x 460.8 (V)	
	Pixel Pitch	0.6 (H) X 0.6 mm(V)	
	Display colors	16.7 million	
	Panel Typical Brightness:	550 cd/m²	
	Panel Typical Contrast:	1200:1	
	Color Temperature	Cool / Warm/normal	
TV Function	TV Standard	ATSC/NTSC	
	Color systems	ATSC /NTSC	
	Closed caption/V-chip for USA		
Video Inputs	AV	RCA x 2	Audio L/R x 1
	COMPONENT	Y,Cb,Cr x 2	Audio channel L / Rx 1
	HDMI	HDMI x 2	High Definition Media Interface
Audio Output	Audio Output: L / R	Speaker (built-in): Two 15W speakers	
		Headphone Mini-jack for stereo (3.5ø)	
OSD language	English. French. Spanish		
Wall Mount	VESA 100 x 100 mm		
Power	Power Supply	AC100V~240V, 50 ± 3/60 ± 3Hz	
	Power Consumption	≤180W	
Environment	Operating Temperature	+ 0 °C ~ + 40 °C	
	Storage Temperature	-10 °C ~ + 50 °C	
	Operating	10% ~ 85%	

2. Operating Instructions

2.1. The Use of Remote Control



Remote control part number R301E1

***Note:** If you need to replace your remote, call 1-800-338-0376. A shipping and handling fee, and the appropriate sales tax, will be charged upon ordering. Have your Visa, MasterCard, or Discover Card ready.*

Arrows Used to highlight different items in the TV menu and to adjust the menu controls.

Number Buttons Enter channel numbers. To enter a digital channel with a sub-channel, enter the main channel, then press the SUB CH button to enter the sub-channel and press OK.

CC Toggles through the CC settings: CC Off, CC On, and CC On When Mute.

CH + or CH - Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to normal viewing.

DVD-VCR Places the remote in DVD or VCR mode. This button lights when you press a valid button in DVD-VCR mode (see Modes of Operation on page 24 for more information).

FAVORITE Press to browse the channels set in your Favorite Channel list. Go to page 35 for more information.

FORMAT Press to change the size of the picture on-screen.

GO BACK Returns you to the previous channel.

GUIDE Displays an electronic program guide (when available).

INFO If no menus are on-screen, displays the channel banner; press again to clear the screen.

INPUT Displays the available video input channels- Watch TV, Composite, S-Video, Composite (Side), S-Video (Side), Component 1, Component 2, VGA, HDMI 1 and HDMI 2.

MENU Displays the Main menu. If the main menu is displayed, exits the menu; if a sub-channel is displayed, takes you back to the previous menu.

MUTE Reduces the TV's volume to its minimum level. Press again to restore the volume. To program this button to work with an audio system, follow the instructions for Volume Punch through Feature on page 24.

OK When in the menu system, selects highlighted items.

ON-OFF When in TV mode, turns the TV on or off. If in another mode (SAT-CBL or DVD-VCR) and programmed, will turn the device on or off.

PRESETS Toggles through the picture mode settings: Natural, Vibrant, Gaming, and Personal.

REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE (buttons at bottom of the remote) If programmed, provides transport control for some remote-controllable VCRs or DVD players.

SAT-CBL Places the remote in SAT-CABLE mode. This button lights when you press a valid button in SAT-CBL mode (see Modes of Operation on page 24 for more details).

SLEEP Sets the TV to turn off after 30 min, 60 min, or 90 min.

SOUND For an Analog channel, switches the sound mode options. For a Digital channel, switches the audio language. In VGA mode, switches to the audio input you selected from the VGA Sound Source option.

SUB CH When entering a digital channel that has a sub channel, press this button to enter a Sub channel. Once the channel is entered, press the OK button to tune to the channel.

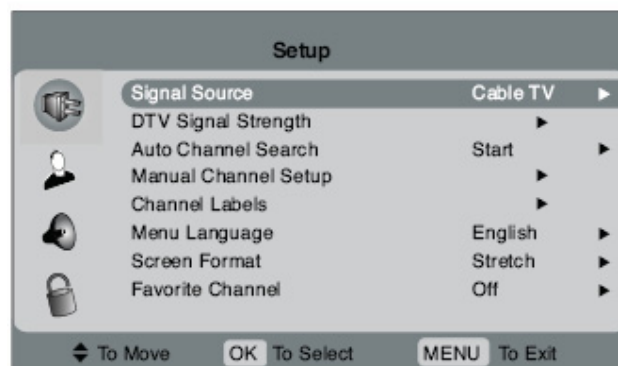
TV Turns on the TV and puts the remote in TV mode.

VOL - or VOL + Decreases or increases the TV's volume. To program this button to work

2.2 To Use the Menus

1. Press the MENU button.
2. Use the up and down arrow buttons to highlight an icon on the left and press the right arrow button to enter the menu. The name of the menu is displayed at the top of the menu screen.
3. Press the up and down arrow buttons to move to a different option within the menu. If necessary, press the OK button or right arrow to display the choices of the option you've highlighted or toggle through available options. If available, use the information at the bottom of the screen for help.
4. To adjust controls, such as picture setting options, highlight the option and press OK. The option appears on the bottom of the screen so you can see the option change as you adjust it.
5. To return to the previous menu, press the MENU button.

MAIN MENU

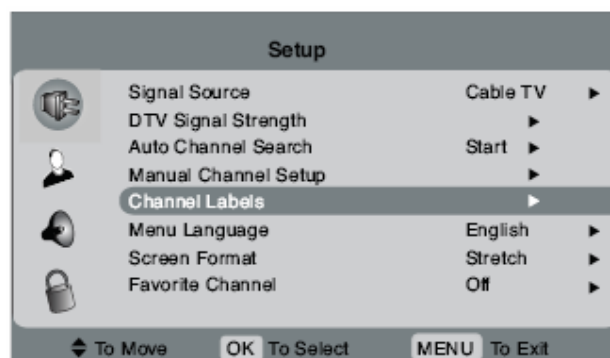


Signal Source If you connected cable to the ANTENNA/CABLE INPUT, select Cable TV. If you connected an antenna to the ANTENNA/ CABLE INPUT, select Air (Antenna).

DTV Signal Strength Displays the signal strength of the digital channel that the TV is currently tuned to.

Auto Channel Search Searches for channels the signal is receiving.

Manual Channel Setup Displays the channel list, allowing you to add or delete channels. If a channel is Hidden and you want it viewable as you change channels, select Viewable. If a channel is Viewable and you don't want it to appear as you change channels, select Hidden.



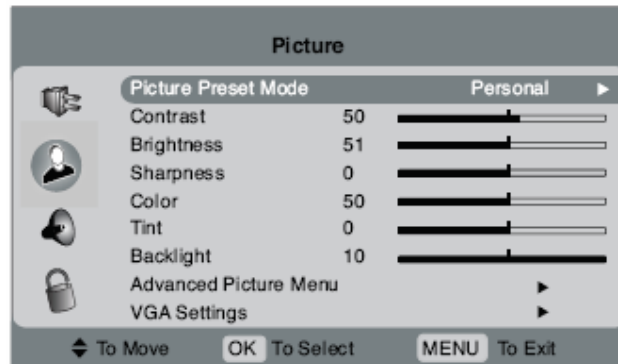
Channel Labels Allows you to add or change a seven character label to a channel, which is displayed on-screen when you tune to the channel. Press the up and down arrow button to scroll through the available characters. Continue to press the right arrow button to highlight the next space to add another character.

Menu Language Allows you to change the language of the menu system.

Screen Format Allows you to change the format of the screen. If there are bars on-screen try a different format, if available, that may eliminate the bars. Choose between Normal, Zoom, and Center.

Favorite Channel The channel you're tuned to is saved as a favorite channel when you turn the setting On. You can have up to 10 favorite channels. Then use your FAV button on the remote to scroll through your favorite channels.

Picture Menu



Picture Preset Mode Displays a choice list that lets you select one of the preset picture settings: Vibrant, Cinematic, Natural, Sports, Videogame, Video camera or Personal. Choose the setting that is best for your viewing environment.

Contrast Adjusts the difference between the light and dark areas of the picture.

Brightness Adjusts the brightness of the picture.

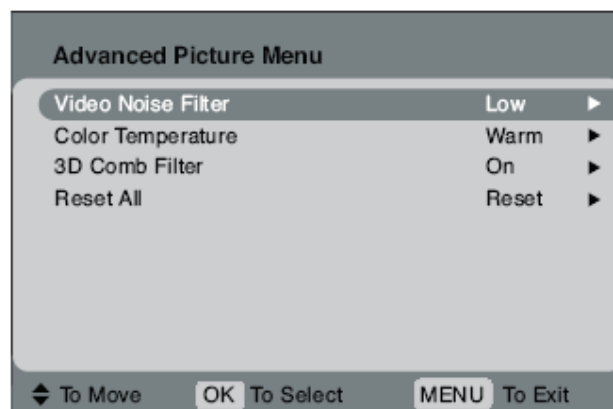
Sharpness (not available in VGA mode) Adjusts the crispness of the edges in the picture.

Color (not available in VGA mode) Adjusts the richness of the color.

Tint (not available in VGA mode) Adjusts the balance between red and green levels.

Backlight Adjusts the level of light, depending on your room setting.

Note: When you change any of these picture settings, the Picture Preset Mode changes to Personal.

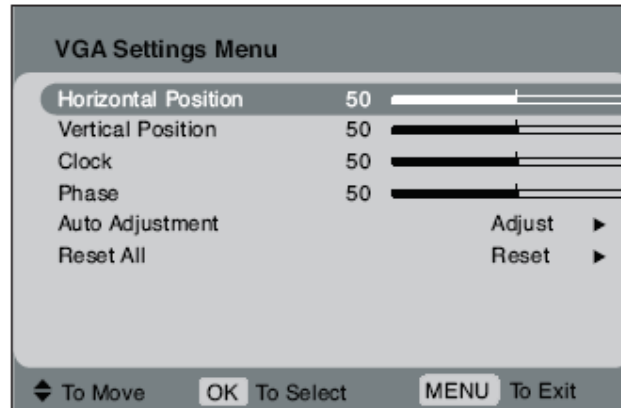


Advanced Picture Menu

Video Noise Filter Reduces picture "static" or any type of interference. This feature is especially useful for providing a clearer picture in weak analog signal conditions. Choose between Off for no noise reduction; Low for a softer, smoother picture that retains picture sharpness and detail; Medium for a slightly softer picture than the Low setting; High for an even softer, smoother picture than the other settings (the picture detail is somewhat decreased).

Color Temperature Adjusts to make the picture appear more red or blue. Choose Warm for more red, Normal for standard picture, and Cool for more blue.

3D Comb Filter If you have a device connected to the VIDEO INPUT helps to correct detail and color loss. Turn the option On for improved video.



VGA Settings (only available in VGA mode)

Horizontal Position Adjusts the picture's position left or right.

Vertical Position Adjusts the picture's position upward or downward.

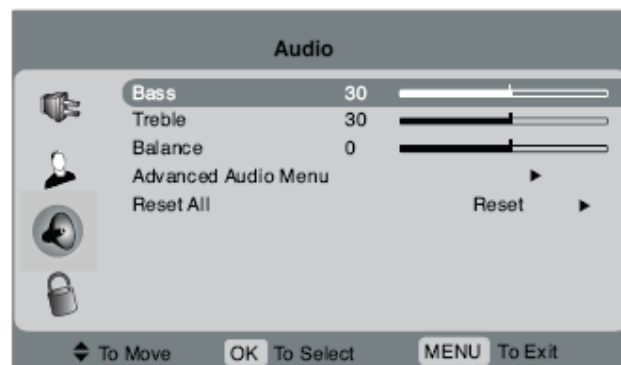
Clock Adjusts the clock sync of the picture.

Phase Adjusts the picture if there is flicker of screen letters, color misalignment, or blurring.

Auto Adjustment Adjusts the position of the picture automatically. Try it if the picture on the VGA input doesn't look right.

Reset All Restores VGA Settings menu to the default settings.

Audio Menu

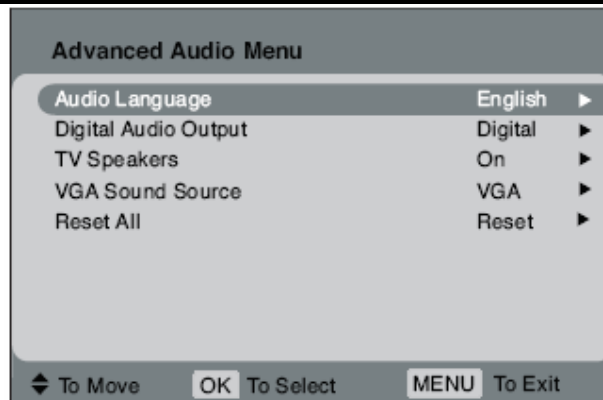


Bass Increases or decreases the bass of the sound.

Treble Increases or decreases the treble of the sound.

Balance Adjusts how much audio is sent to the left and right speakers.

Advanced Audio Menu



Audio Language (only available on digital channels) Press the right arrow to choose from the audio languages available for the program you're watching. The language you choose becomes your preferred audio language for all channels on the digital tuner until you turn the TV off. If the language you choose here is not being broadcast with a program, then the TV plays the default audio for the program (usually English in the U.S.).

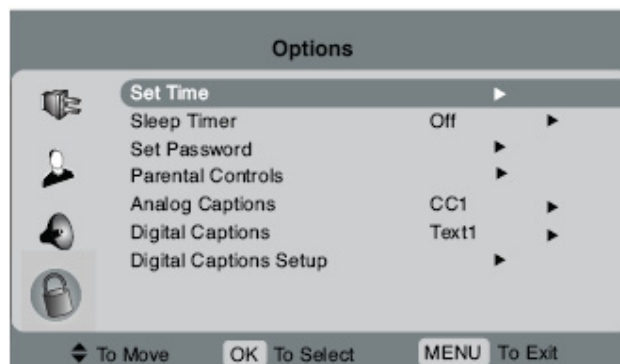
Digital Audio Output Lets you choose a setting for the DIGITAL AUDIO OUTPUT jack. Choose Digital to receive Dolby Digital sound if transmitted and you've connected a six-channel receiver to the TV's output jack. Choose for PCM if your audio receiver only handles PCM.

TV Speakers Turn on or off the internal speakers. If you have an audio amplifier device connected to the DIGITAL AUDIO OUTPUT jack on the back of the TV and you want to control the sound by the audio amplifier device instead, turn the option Off.

VGA Sound Source Allows you to listen to the audio from the VGA, COMPOSITE, or COMPONENT inputs while tuned to the VGA input. Make sure the device connected to the input is turned on and the audio you want to hear is playing.

Reset All Restores the Advanced Audio Menu to the default settings.

Options Menu



Set Time Lets you set the time zone and time.

Time Press the left or right arrow to set the time. The AM and PM setting changes when you get to 12 o'clock.

Note: If your TV loses power, you need to reset the time.

Sleep Timer Lets you set the TV to turn off after a given amount of time. Choose between Off, 30 min, 60 min, or 90 min.

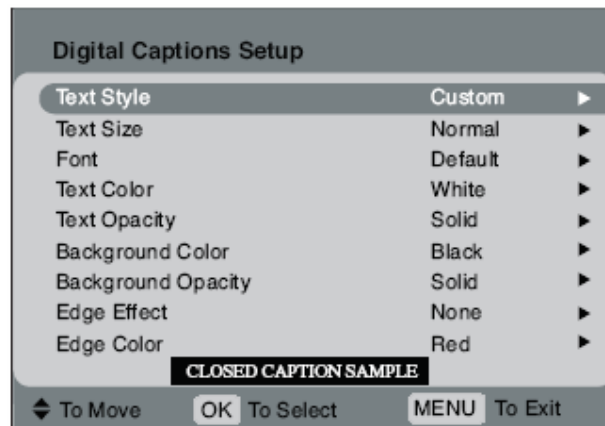
Set Password Set the password used to lock parental controls.

Parental Controls The Parental Controls menu was explained in

Analog Captions Many programs are encoded with closed captioning information, which lets you display the audio portion of a program as text on the TV screen. If you are unsure of the differences among the modes, you may

prefer to leave the closed captioned mode set to CC1, which displays complete text of the program in the primary language in your area. Note that Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information.

Digital Captions If available, lets you select a closed caption mode for digital channels. Use Service1 if you are unsure what to use.



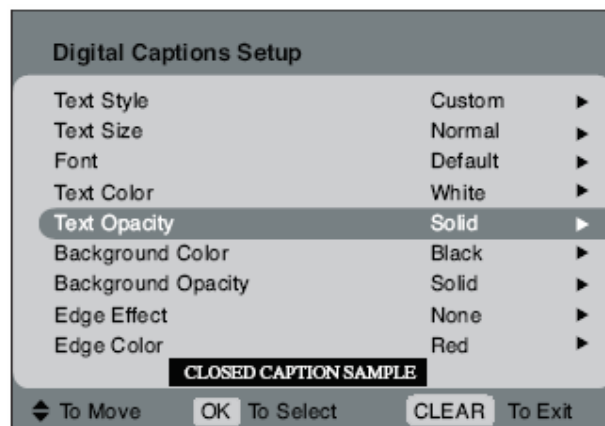
Digital Captions Setup Customize the digital captions. A sample of how the digital captions might look appears at the bottom of the screen. The options are:

Text Style If you want to customize the digital closed caption options, choose Custom. Choose As Broadcast to have the options set for you. The following options are only available if you chose Custom as your Text Style:

Text Size Lets you set the size of the digital closed-caption text. You can choose Small, Normal, or Large.

Font Lets you select a character design for the digital closed caption text. A font is a complete assortment of letters, numbers, punctuation marks, etc. of a given design. You can choose from a variety of fonts.

Text Color Lets you choose the color of the digital closed caption text: Red, Green, Blue, Yellow, Magenta, Cyan, Black, or White.



Text Opacity Lets you set the appearance of the digital closed caption text: Transparent, Translucent, Solid, or Flashing.

Background Color Lets you choose the color of the area behind the digital closed-caption text: Red, Green, Blue, Yellow, Magenta, Cyan, Black, or White.

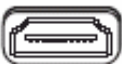
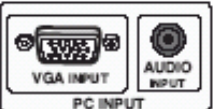
Background Opacity Lets you choose the opacity of the area behind the digital closed-caption text: Transparent, Translucent, Solid, or Flashing.

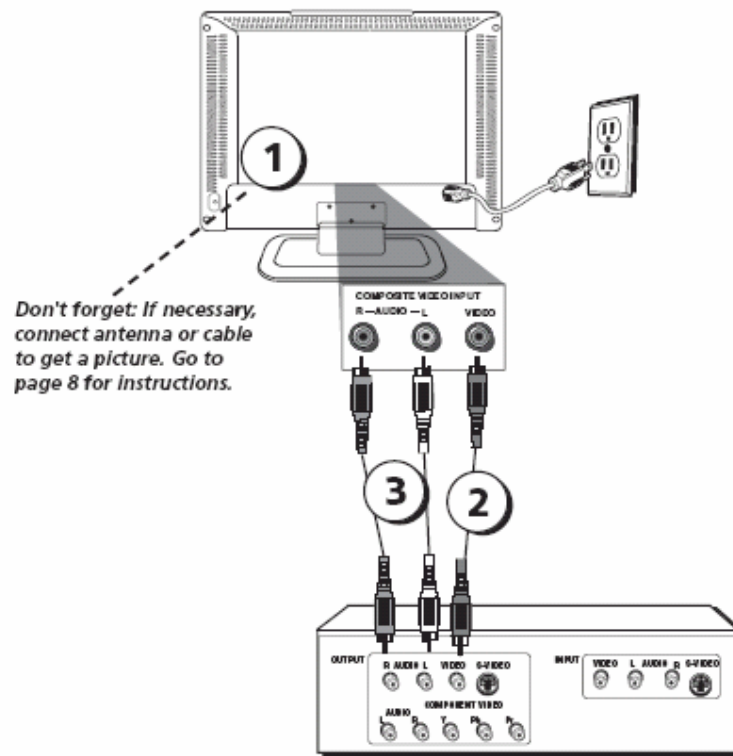
Edge Effect Lets you set the effect of the font's edge: None, Raised, Depressed, Uniform, Left Shadow, or Right Shadow.

Edge Color Lets you set the edge effect's color: Red, Green, Blue, Yellow, Magenta, Cyan, Black, or White.

2.3 How to Connect

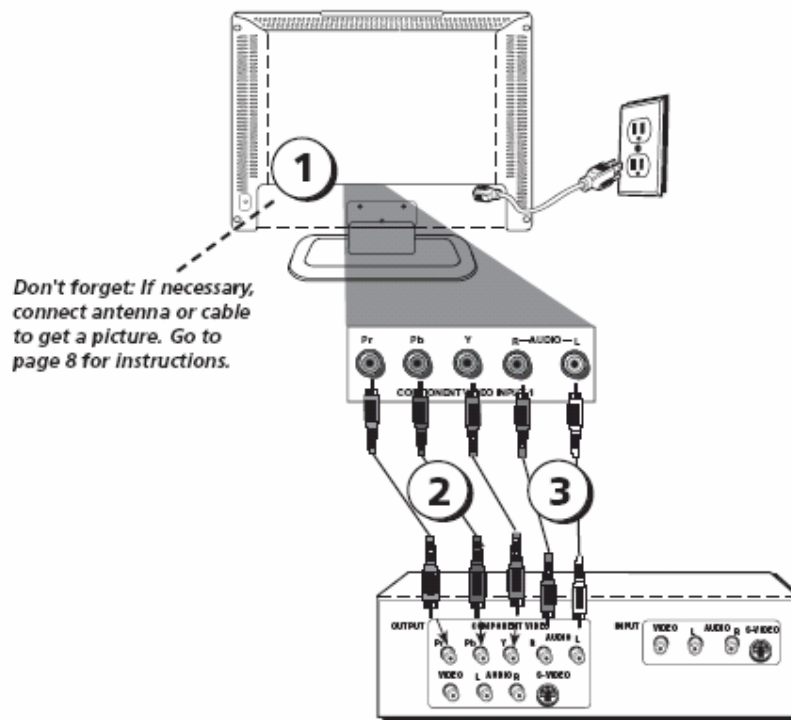
There are several ways to connect your TV. Please use the following chart to determine which connection is best for you.

Jacks Used		Cables Needed	
 Video Audio R and L		 Audio/Video	
 Y Pb Pr Audio R and L		 Component Video  Audio	
 HDMI		 HDMI™ OR	
		 HDMI™ +  HDMI/DVI adapter +  Audio	
 VGA Audio		 VGA  Audio	



- 1. If necessary, connect your cable and/or off-air antenna as described**
- 2. Connect your yellow video cable.** Connect a video cable to the VIDEO Input jack on the back of the TV and to the Video Output jack on the DVD player.
- 3. Connect your red and white audio cables.** Connect the audio (red and white) cables to the AUDIO R and L jacks on the back of the TV and to the Audio Output jacks on the DVD player.

Component Video (Advanced) Connection

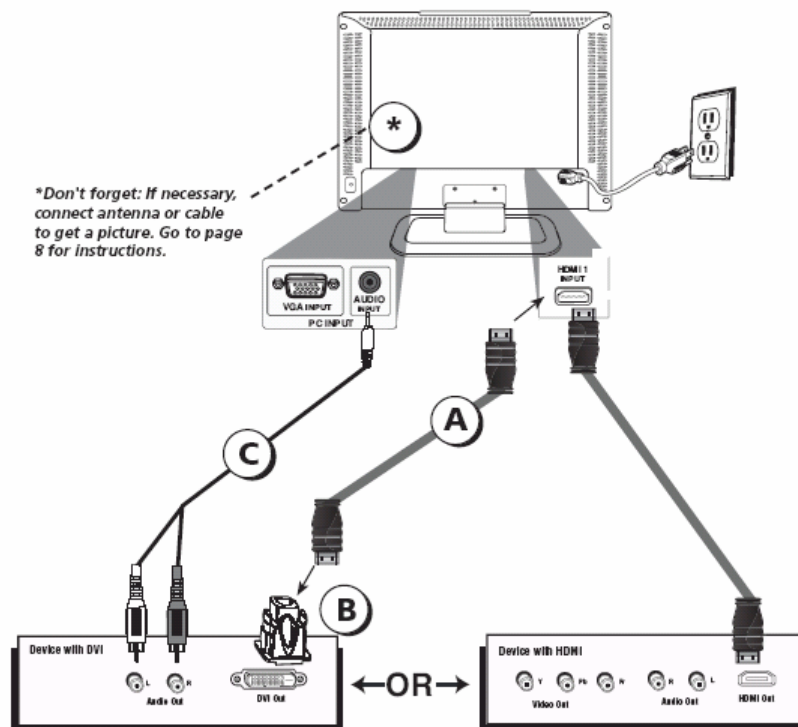


1. if necessary, connect your cable and/or off-air antenna as described.

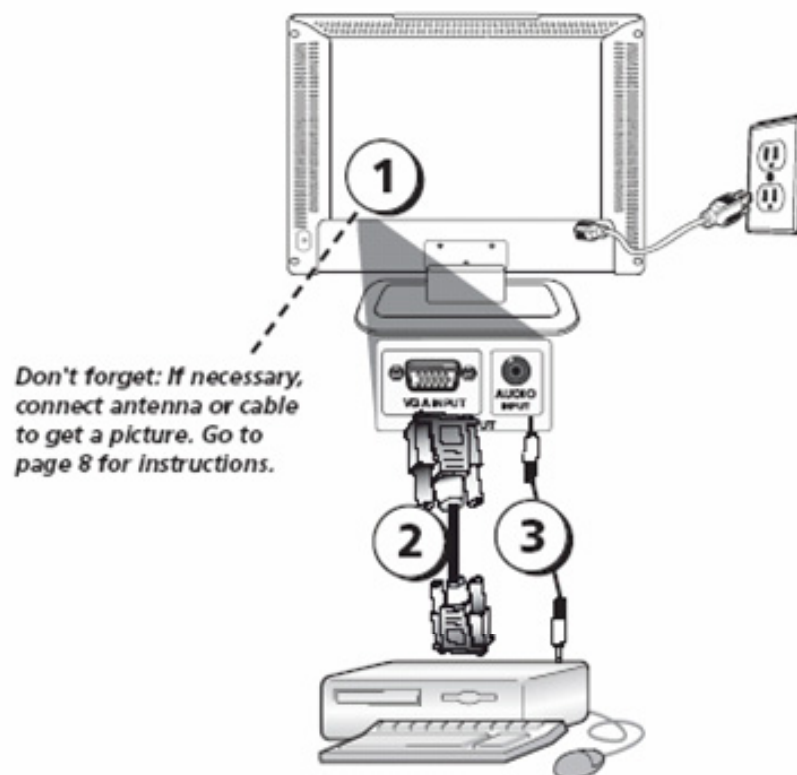
2. **Connect your Y Pb Pr component video cables.** Connect three video cables or special Y Pb Pr cables to the COMPONENT VIDEO INPUT Y Pb Pr jacks on the back of the TV and to the Y Pb Pr outputs on the DVD player.

3. **Connect your red and white audio cables.** Connect the audio (red and white) cables to the COMPONENT VIDEO INPUT AUDIO R and L jacks on the back of the TV and to the Audio Output jacks on the DVD player.

HDMI Connection



VGA Connection

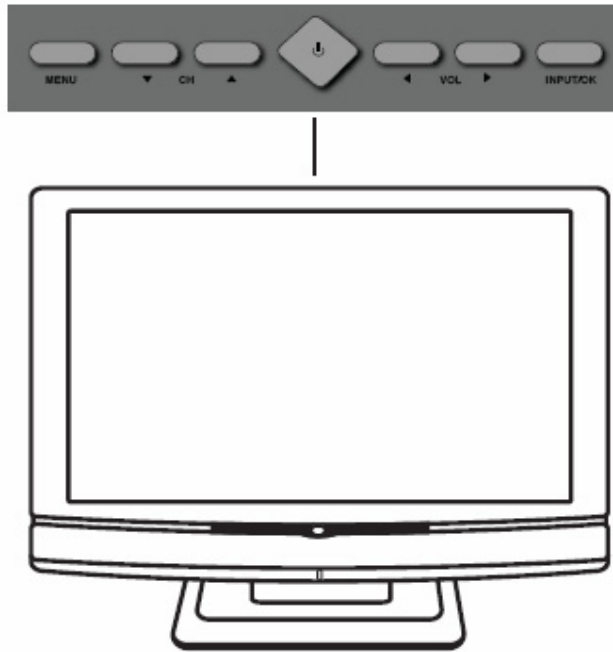


1. If necessary, connect your cable and/or off-air antenna as described.

2. Connect your monitor cable. Connect one end of a 15-pin monitor cable to the VGA INPUT jack on the TV and the other end to the PC's video output jack. Note, if your PC's video output isn't 15-pin, you'll need an adapter that can connect to a 15-pin monitor cable.

3. Connect your audio cable. Connect a 3.5 mm stereo mini pin cable (sometimes referred to as 1/8" stereo mini pin) to the VGA AUDIO INPUT jack on the back of the TV and the other end to the Audio Output jack on the PC.

2.4 Front Panel Control Knobs



If you cannot locate your remote, you can use the buttons on the top of your TV to operate many of the TV's features. Mode L37WD23 buttons are located on the top panel.

MENU Displays the TV Main menu. If the main menu is displayed, exits the menu; if a sub menu is displayed, takes you back to the previous menu.

CH∇ Scans down through the channel list. In the TV menu system, acts like the down arrow button on the remote control and adjusts menu controls.

CH∧ Scans up through the channel list. In the TV menu system, acts like the up arrow button on the remote control and adjusts menu controls.

POWER Turns the TV on and off.

VOL < Decreases the volume. In the TV menu system, acts like the left arrow button on the remote control and adjusts menu controls.

VOL > Increases the volume. In the TV menu system, acts like the right arrow button on the remote control and **adjusts menu controls.**

INPUT/OK Displays the available video input channels- Watch TV, Composite, S-Video, Composite (Side), S-Video (Side), Component 1, Component 2, VGA, HDMI1 and HDMI2. When in the menu system displays sub-menus and selects the highlighted item.

3. Input/Output Specification

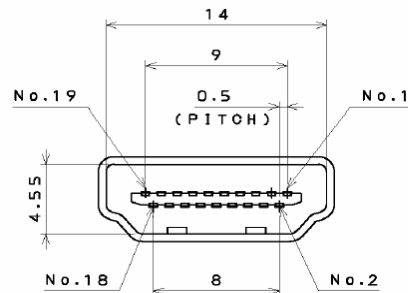
3.1 RGB Signal input



15 - Pin Color Display Signal Cable

Pin	Signal Assignment	Pin	Signal Assignment
1	Red Video	9	No Pin!
2	Green Video	10	Sync. Ground
3	Blue Video	11	SDA (Remote Control)
4	SCL (Remote Control)	12	Serial Data for DDC
5	GROUND	13	Horizontal Sync.
6	Red Video Ground	14	Vertical Sync.
7	Green Video Ground	15	Serial Clock for DDC
8	Blue Video Ground		

3.2 HDMI Digital connector pin assignments



PIN	Signal Assignment	PIN	Signal Assignment
1	TMDS Data2+	2	TMDS Data2 Shield
3	TMDS Data2-	4	TMDS Data1+
5	TMDS Data1 Shield	6	TMDS Data1-
7	TMDS Data0+	8	TMDS Data0 Shield
9	TMDS Data0-	10	TMDS Clock+
11	TMDS Clock Shield	12	TMDS Clock-
13	CEC	14	NC
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

3.3 AV/S-Video/Component 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
$Y = 0.299R + 0.587G + 0.114B$ $(R-Y) = 0.701R - 0.587G - 0.114B$ $(B-Y) = 0.299R - 0.587G + 0.886B$		

3.4 Compatible Mode Table

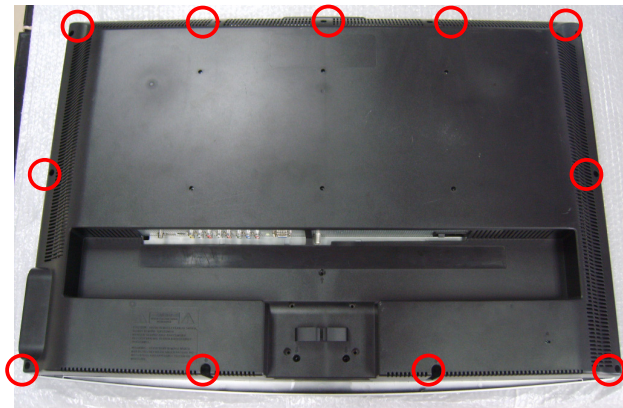
VESA MODES							
			Horizontal		Vertical		
Mode	Resolution	Total	Nominal Frequency (KHz)	Sync Polarity	Nominal Freq. (Hz)	Sync Polarity	Nominal Pixel Clock (MHz)
VGA	640x480@60Hz	800 x 525	31.469	N	59.940	N	25.175
	640x480@72Hz	832 x 520	37.861	N	72.809	N	31.500
	640x480@75Hz	840 x 500	37.5	N	75	N	31.500
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 7 screws to remove the base.

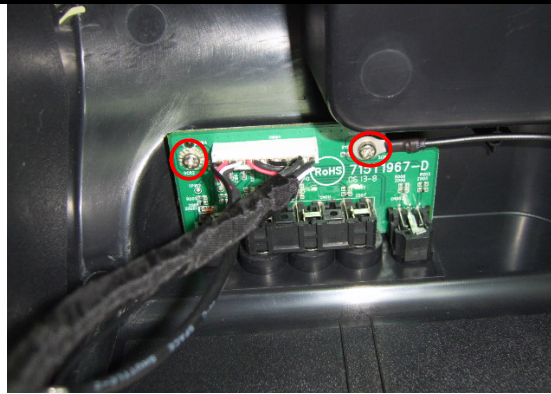


2. Remove the 11 screws to remove the rear cover.

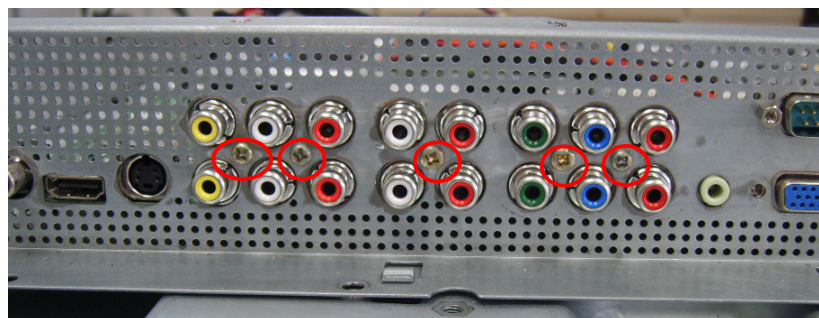
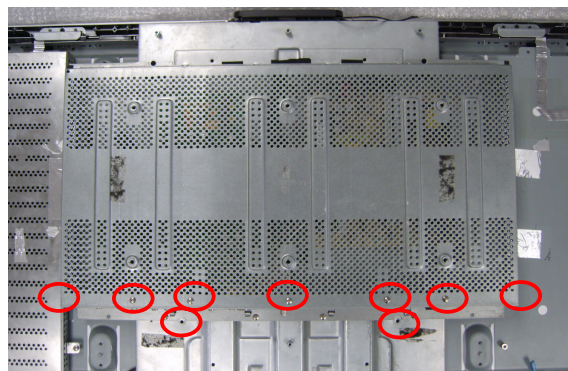
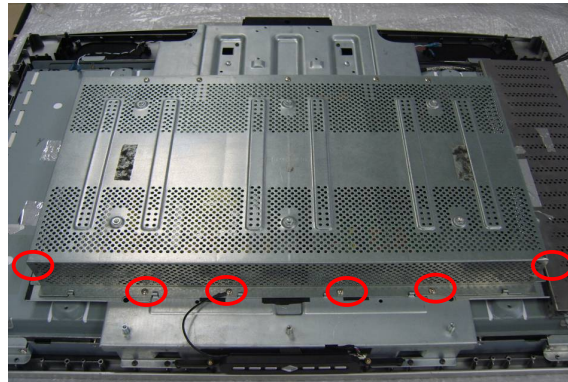


3. Remove the side board.

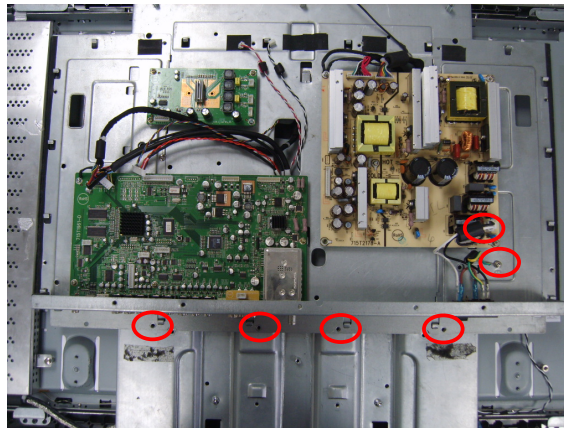
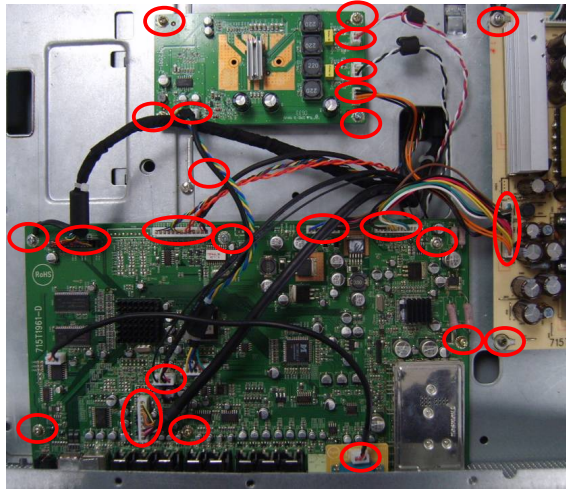




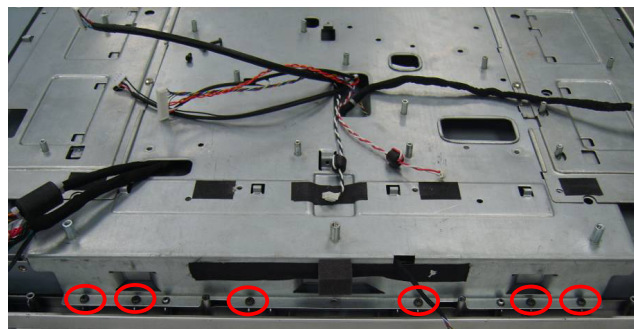
4. Remove the shielding.

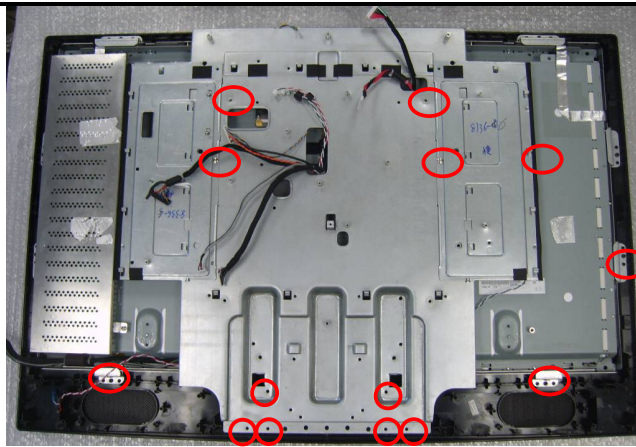


5. Remove the screws and connectors in red to remove the main board, c board and power board.

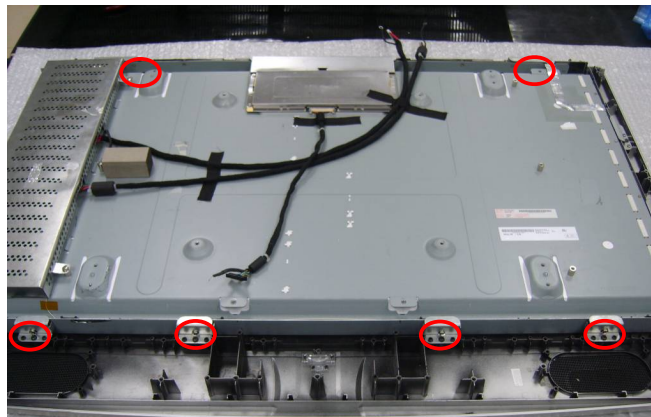


6. Remove the screws on the main frame.



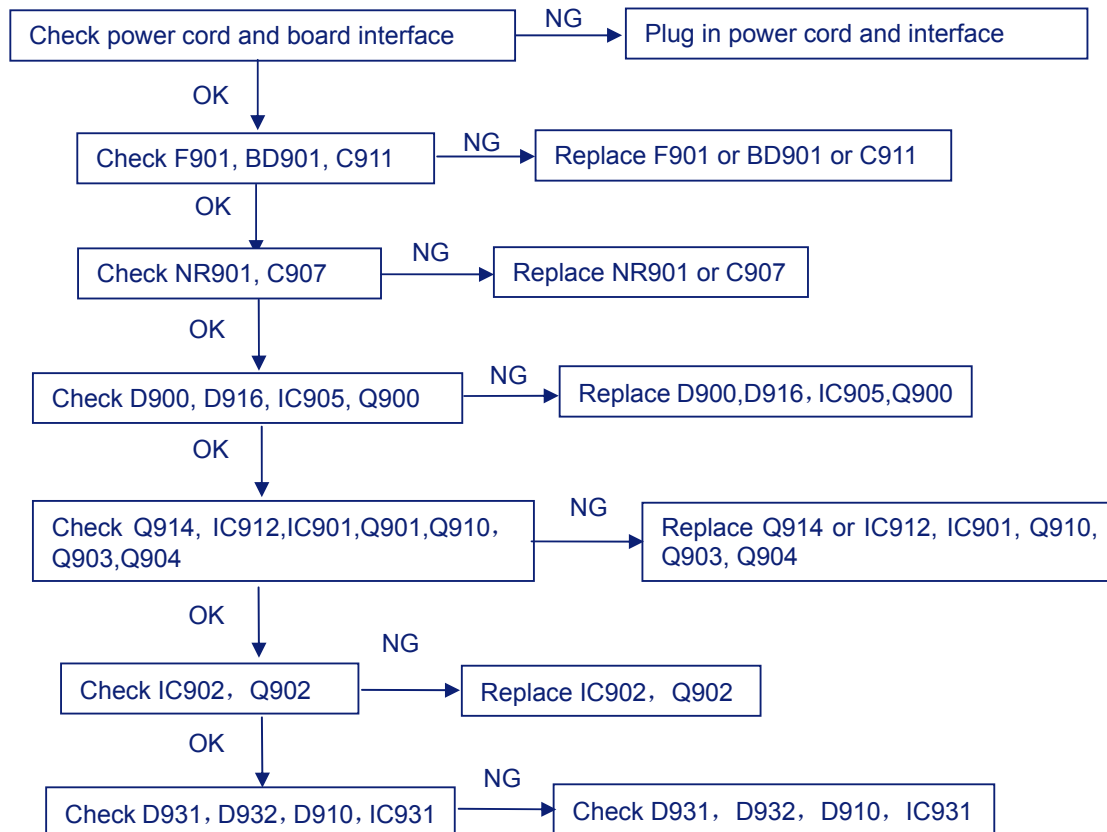


7. Remove the bezel.

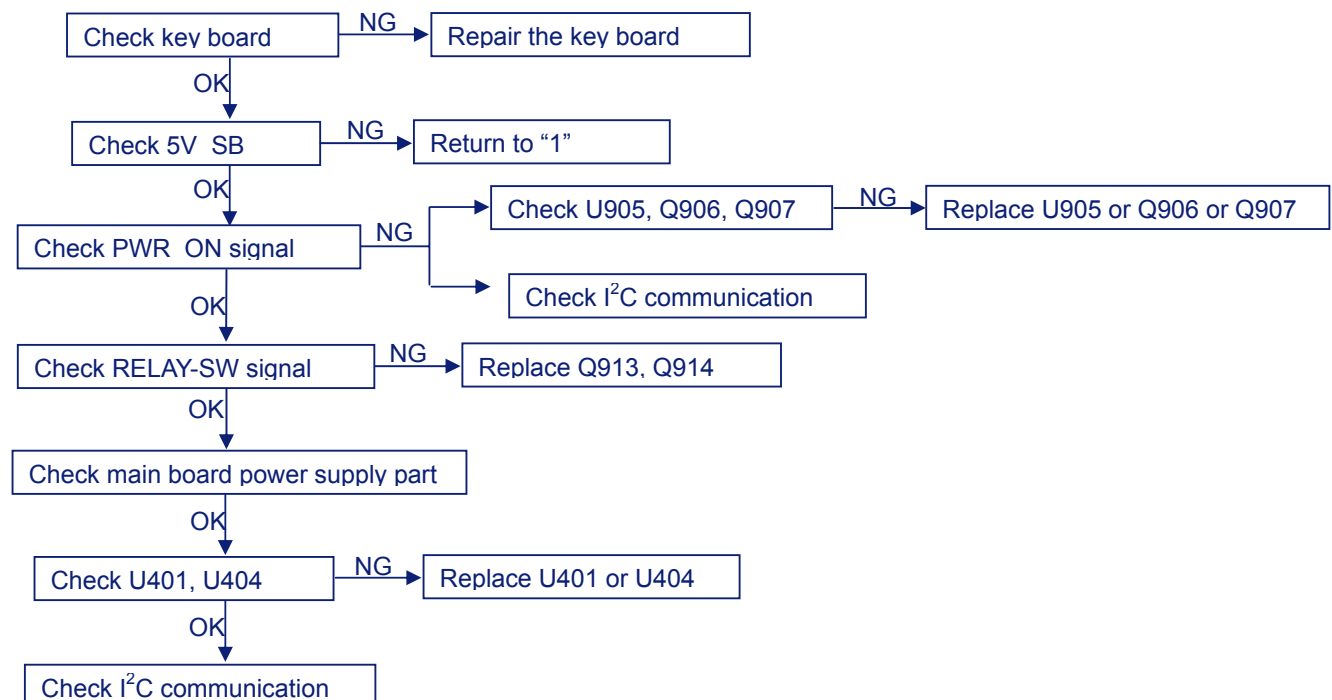


5. Repair Flow Chart

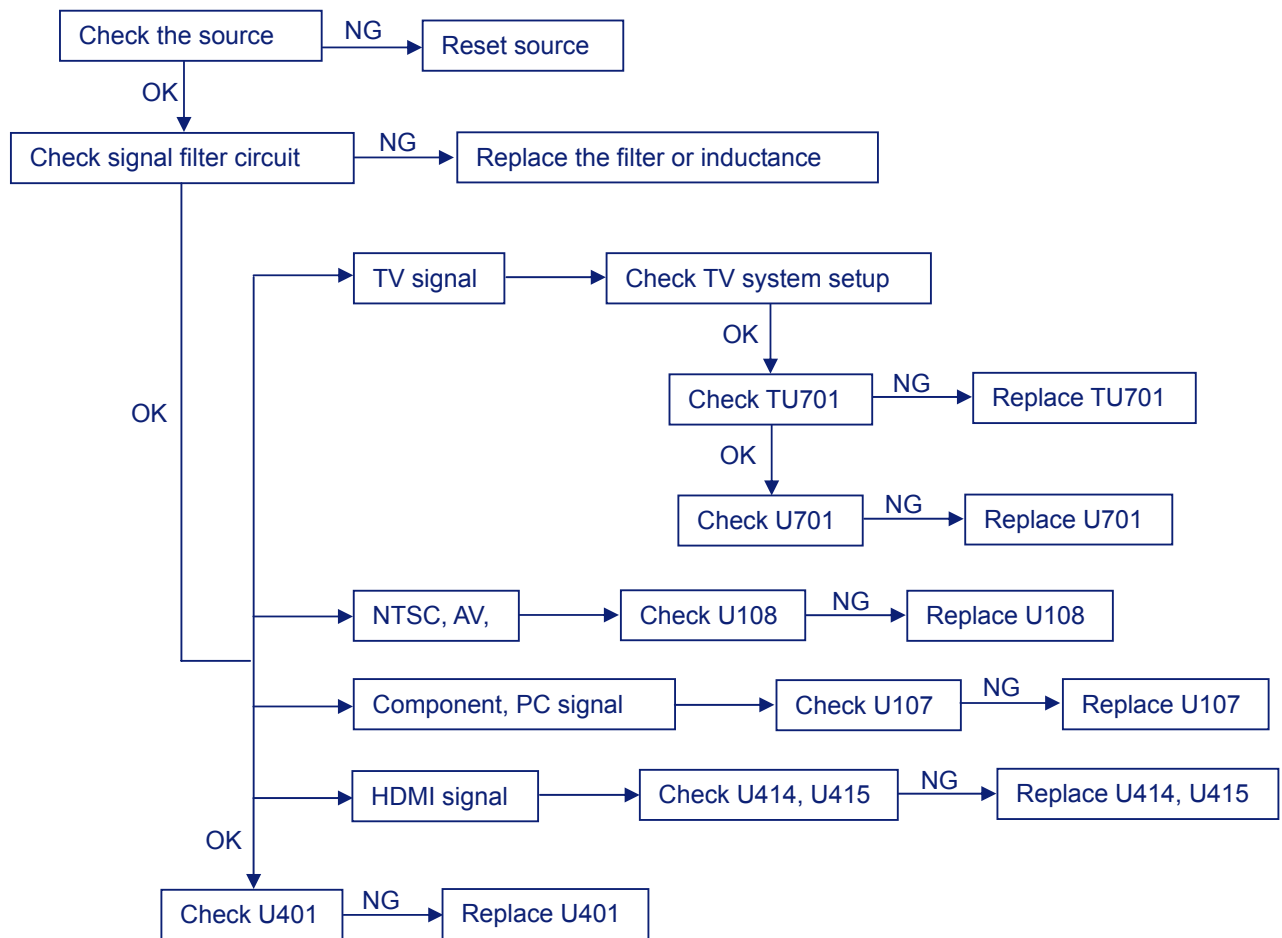
1. No Power (No LED indicator)



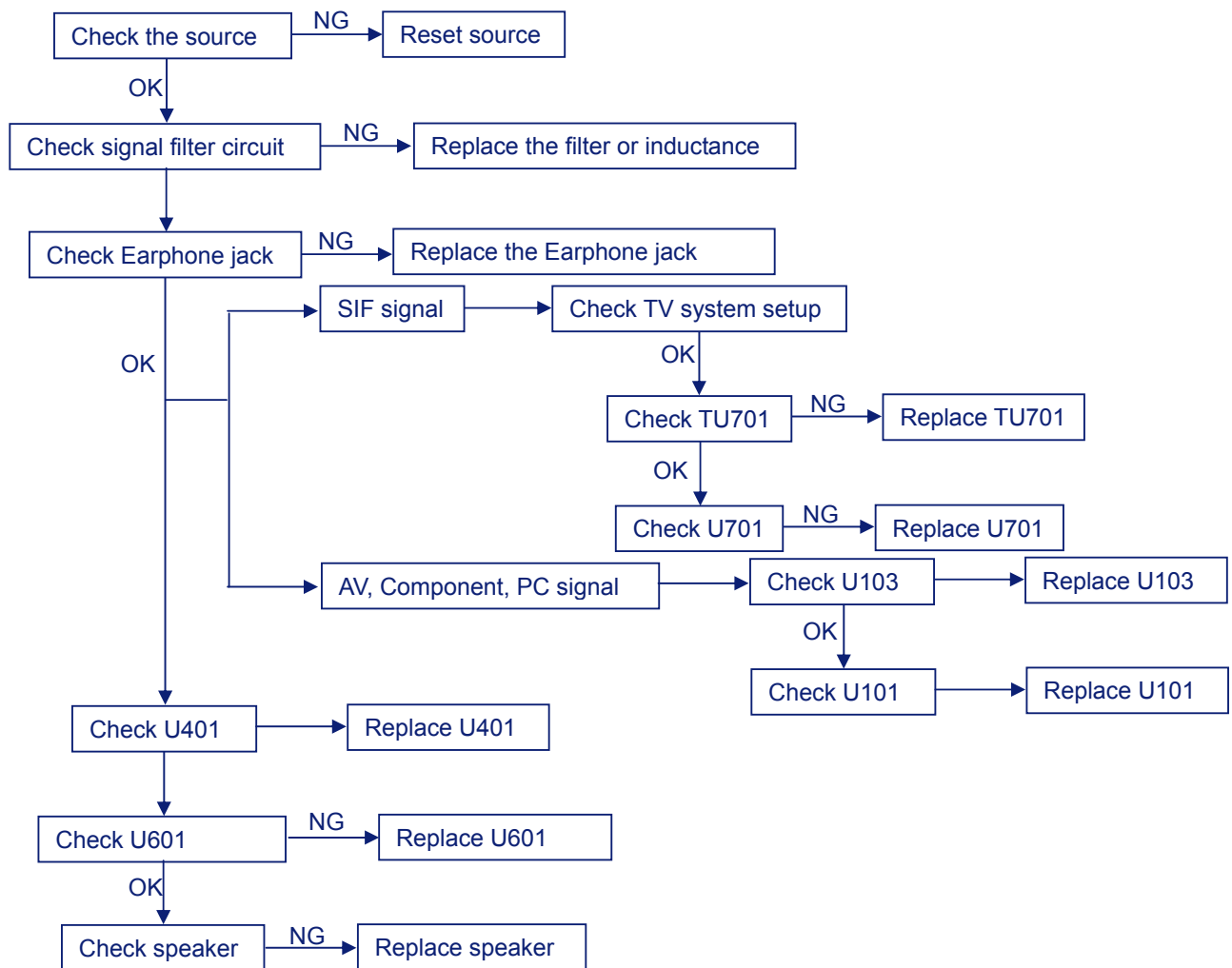
2. Can not start (LED indicator yellow)

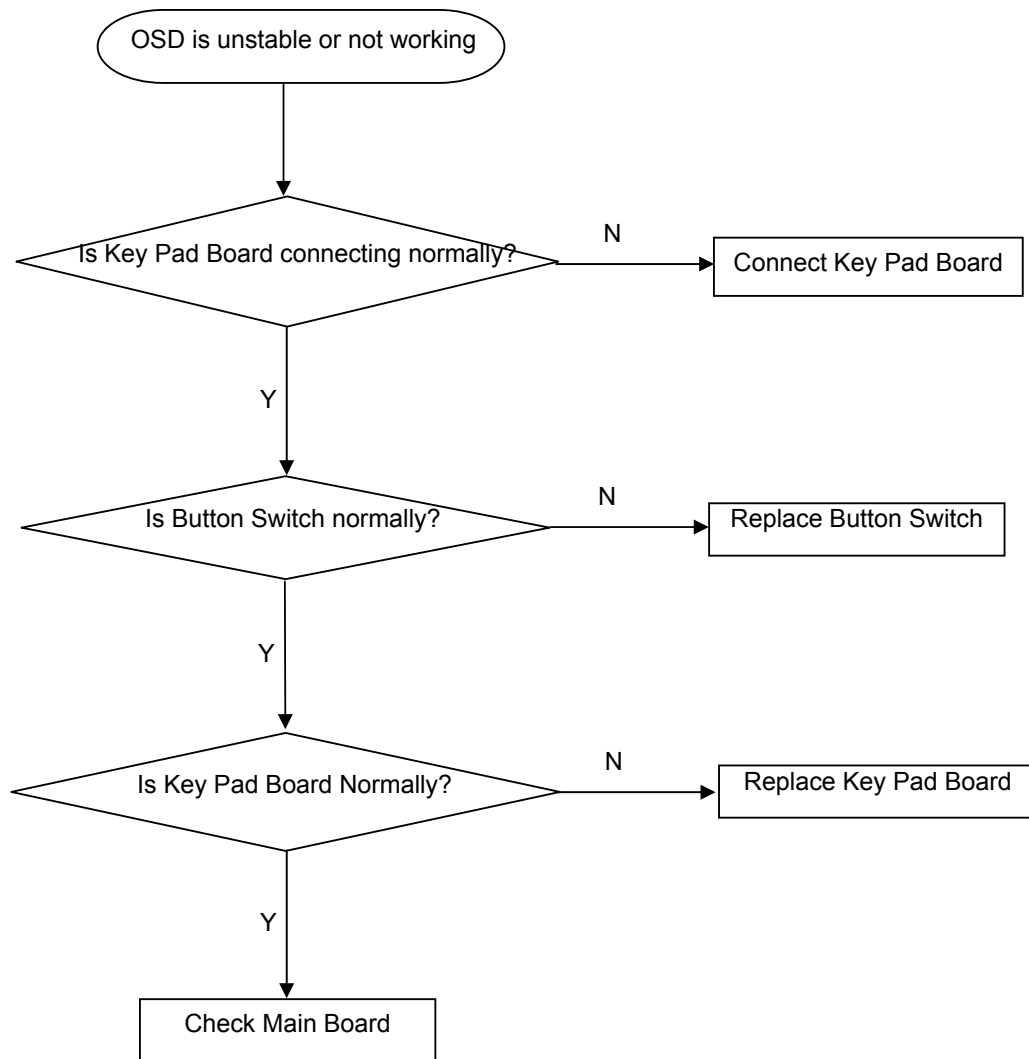


3. Abnormal display



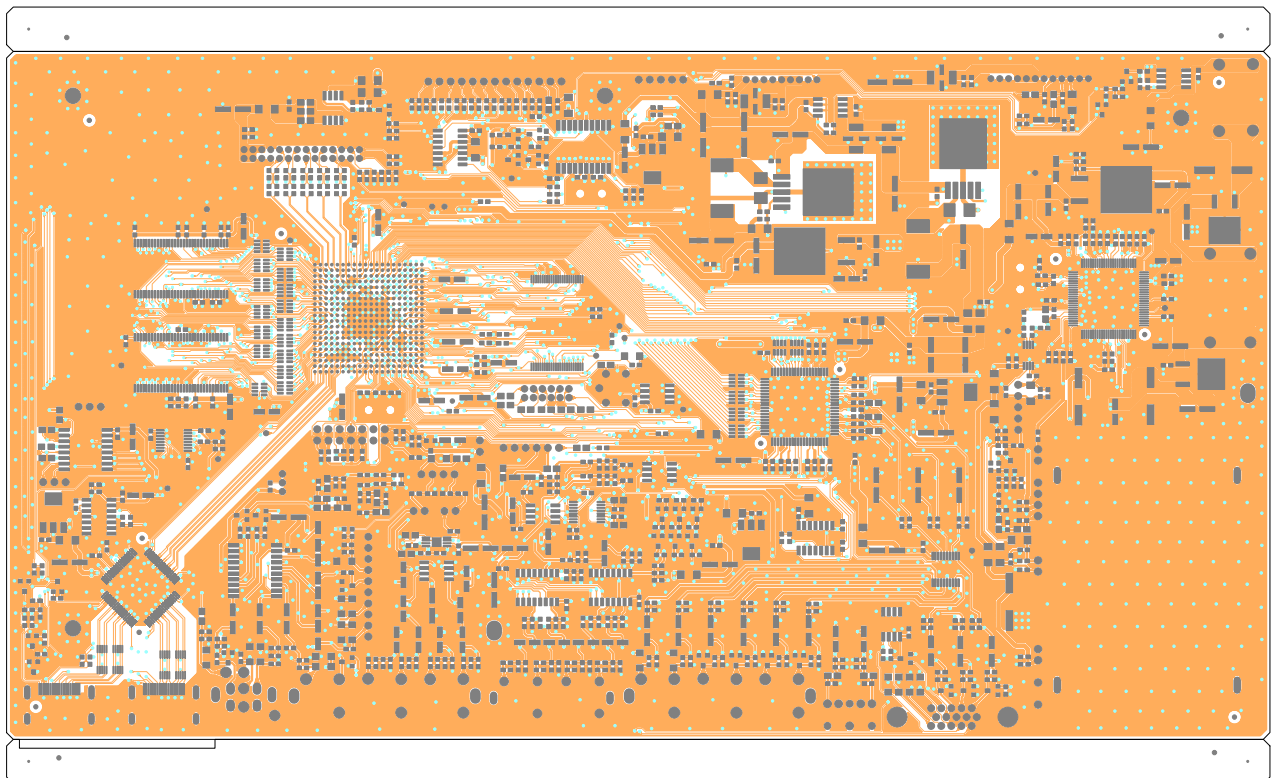
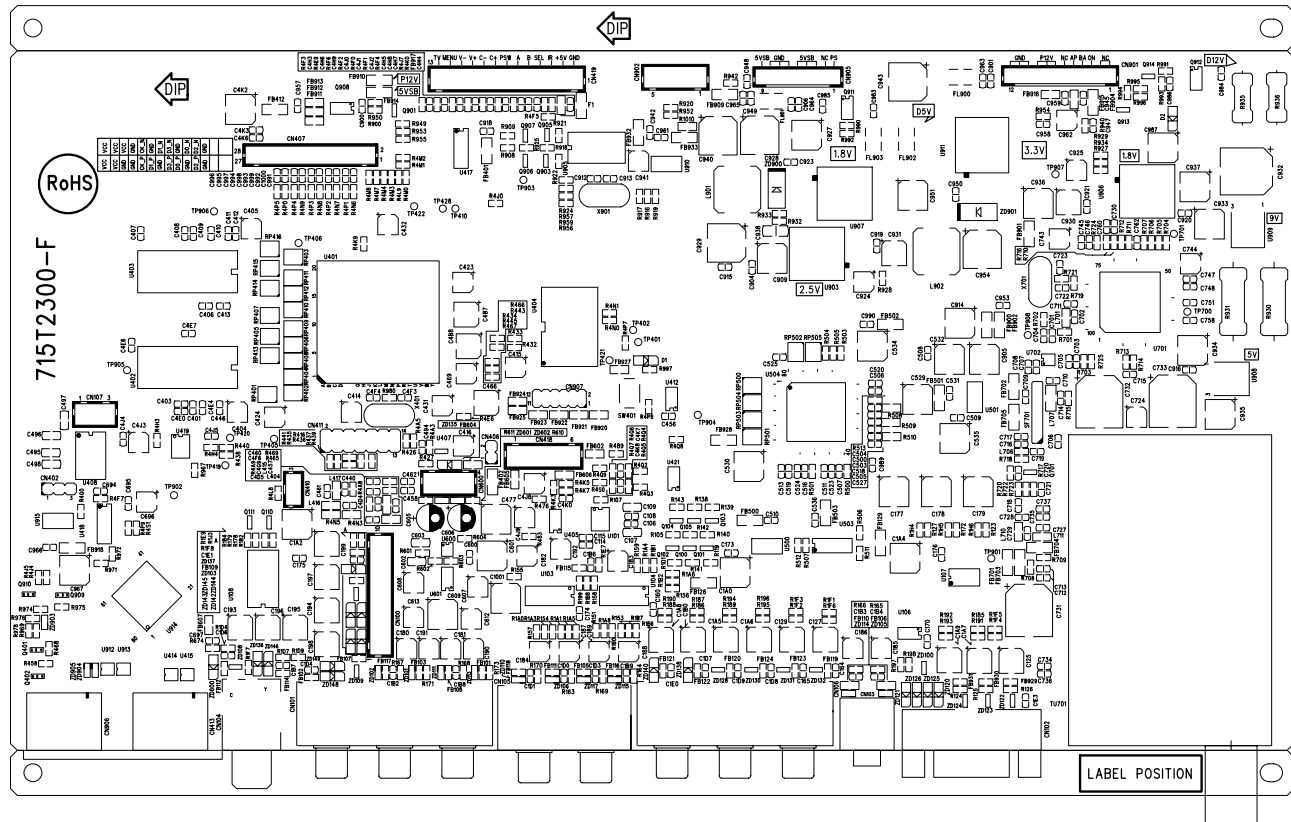
4. No sound

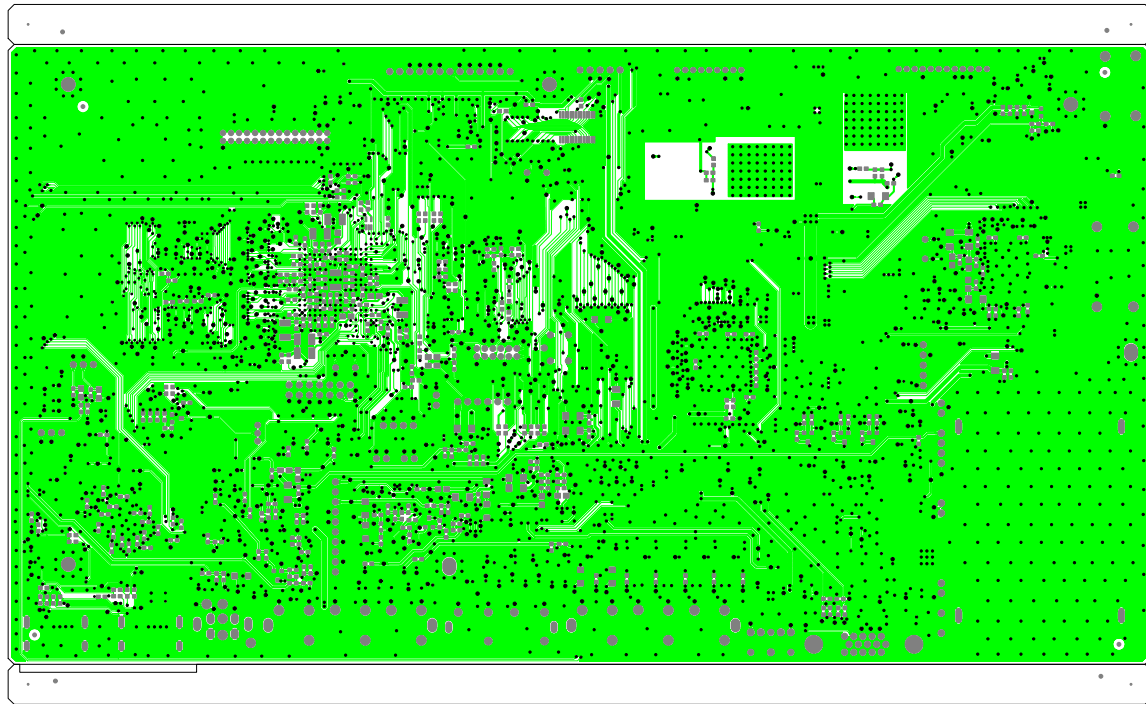




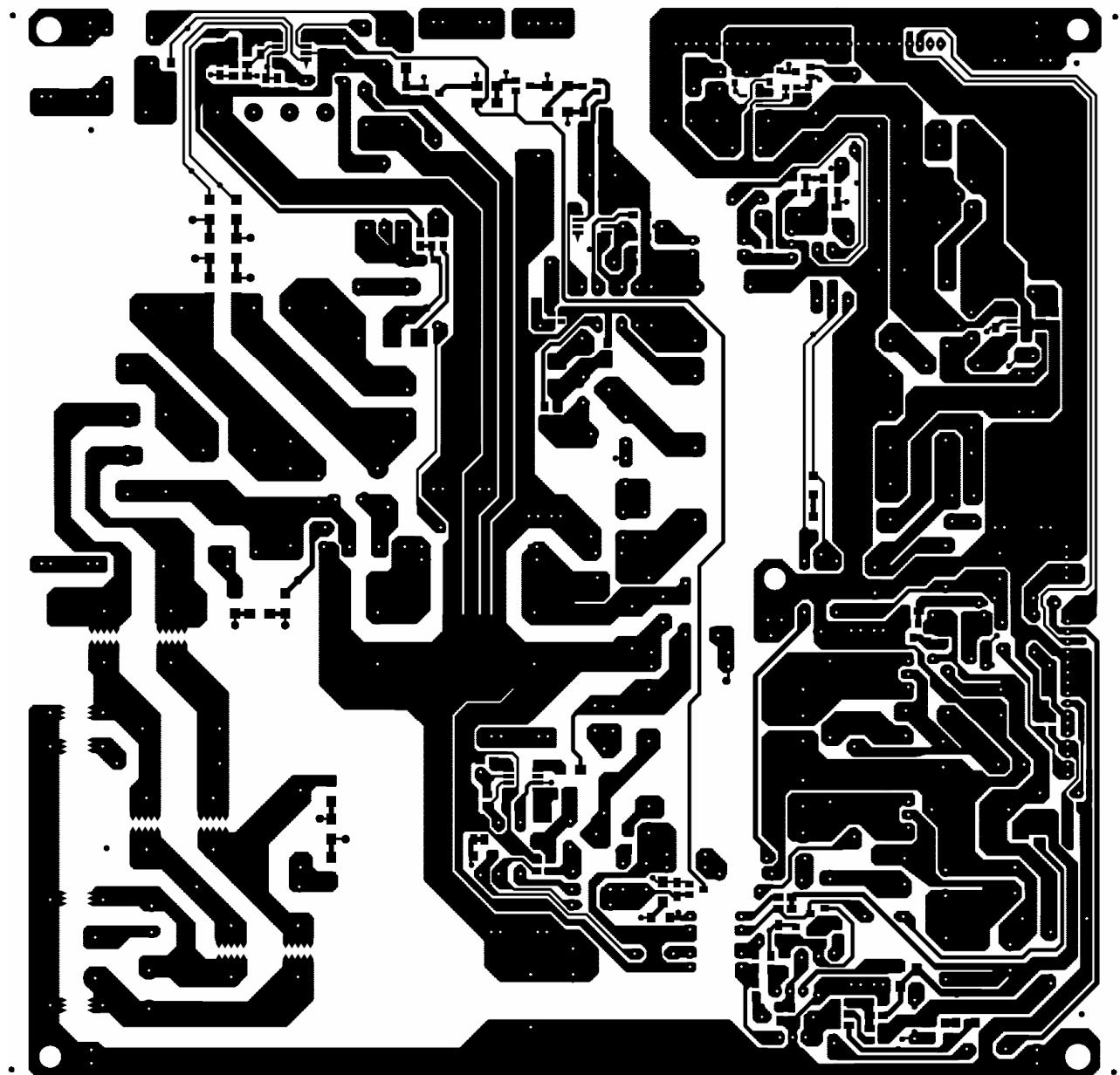
6. PCB Layout

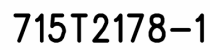
6.1 Main Board

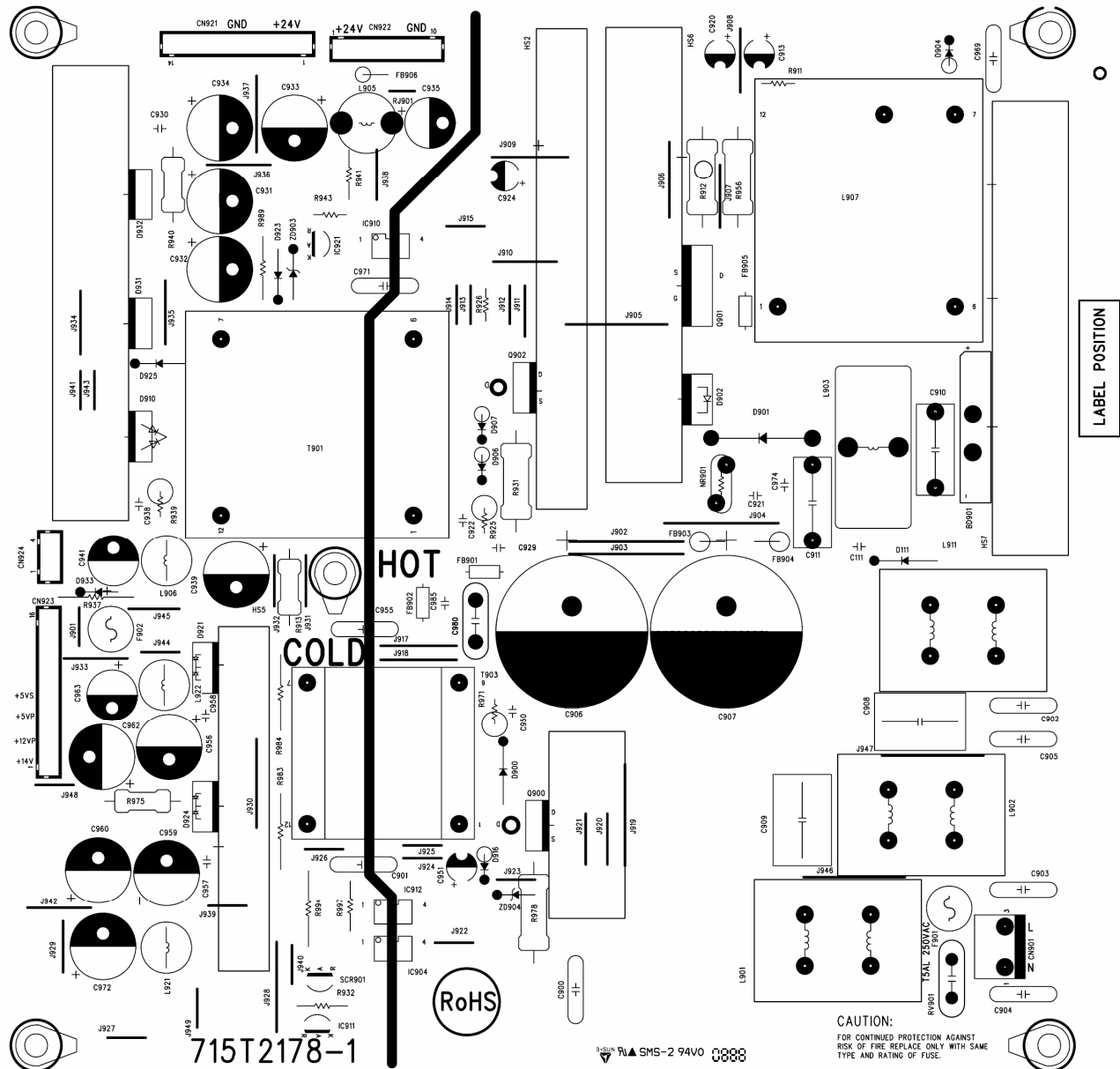




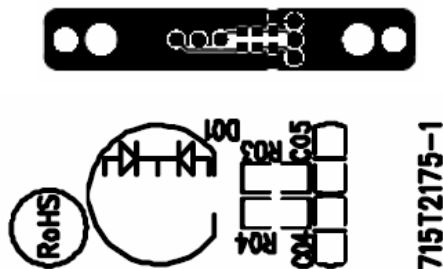
6.2 Power Board



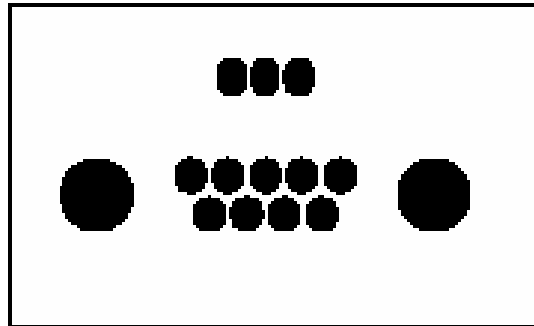
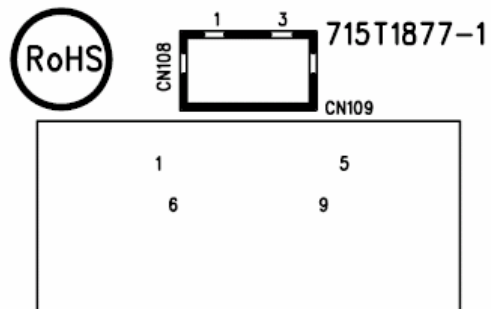




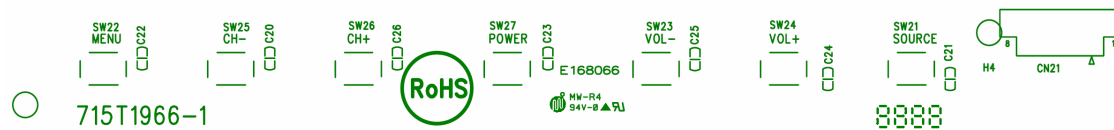
6.3 IR Board



6.4 Connector 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	400	400	400
AV MODE	x	289	299	313
	y	304	315	329
	Y	400	400	400
HDMI	x	289	299	313
	y	304	315	329
	Y	400	400	400
COMPONENT (480i/480p)	x	289	299	313
	y	304	315	329
	Y	400	400	400

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, COMPONENT480i, COMPONENT480p 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>400 cd/m²
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>200cd/m²
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±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 $Y > 400 \text{cd/m}^2$
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 $x = 299$, $y = 315$, $Y > 200 \text{cd/m}^2$
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:

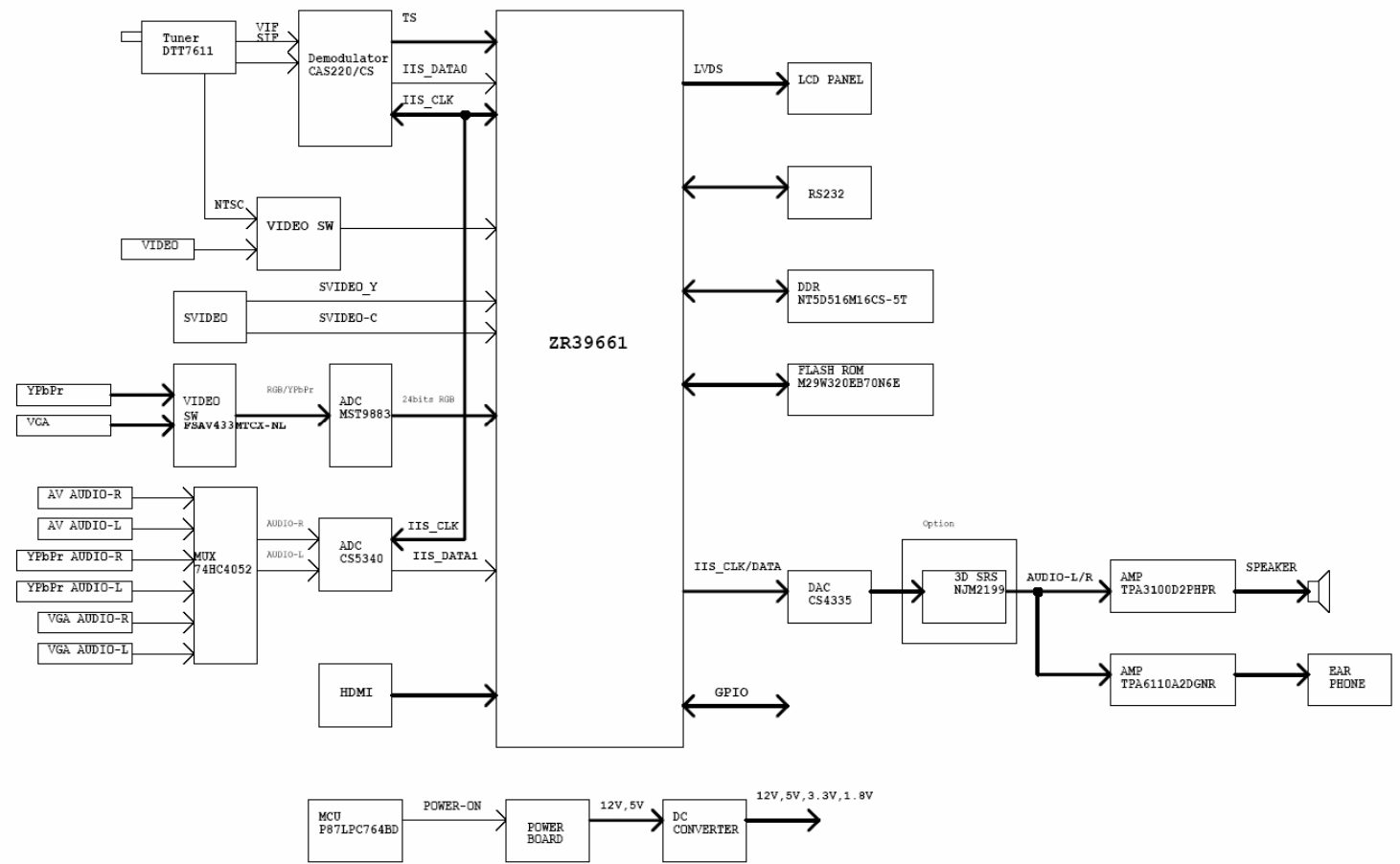
1. Set the Contrast of OSD function to 80 and Adjust Brightness to chroma-7120 $Y > 400 \text{cd/m}^2$
2. Switch the chroma-7120 to RGB-mode (with press "MODE" button)
3. Switch the MEM. channel to Channel 03 (with up or down arrow on chroma-7120)
4. The LCD-indicator on chroma-7120 will show $x = 313$, $y = 324$, $Y > 200 \text{cd/m}^2$
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:

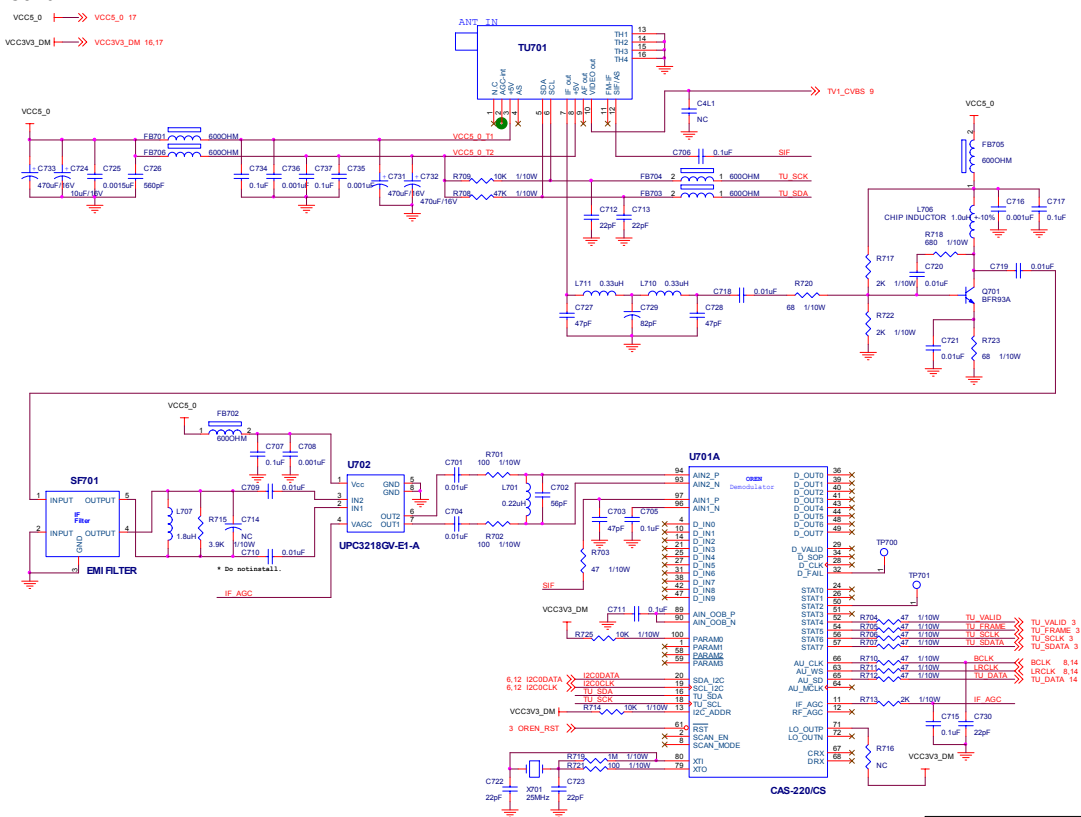
Press the source key on the remote control to switch different source to adjust the AV, HDMI, COMPONENT 480i and COMPONENT 480p mode.

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

8. Block Diagram

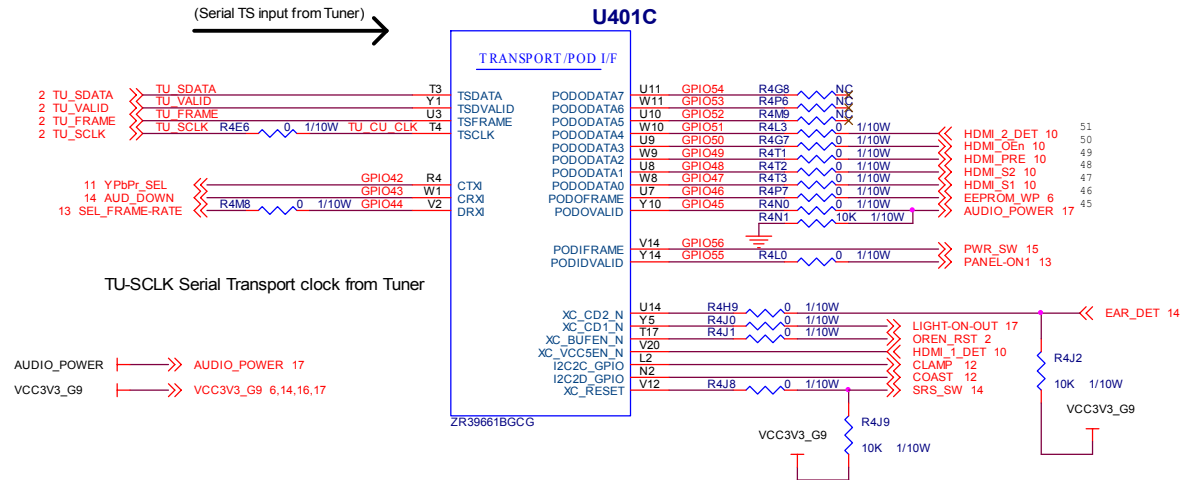


9.1 Main Board



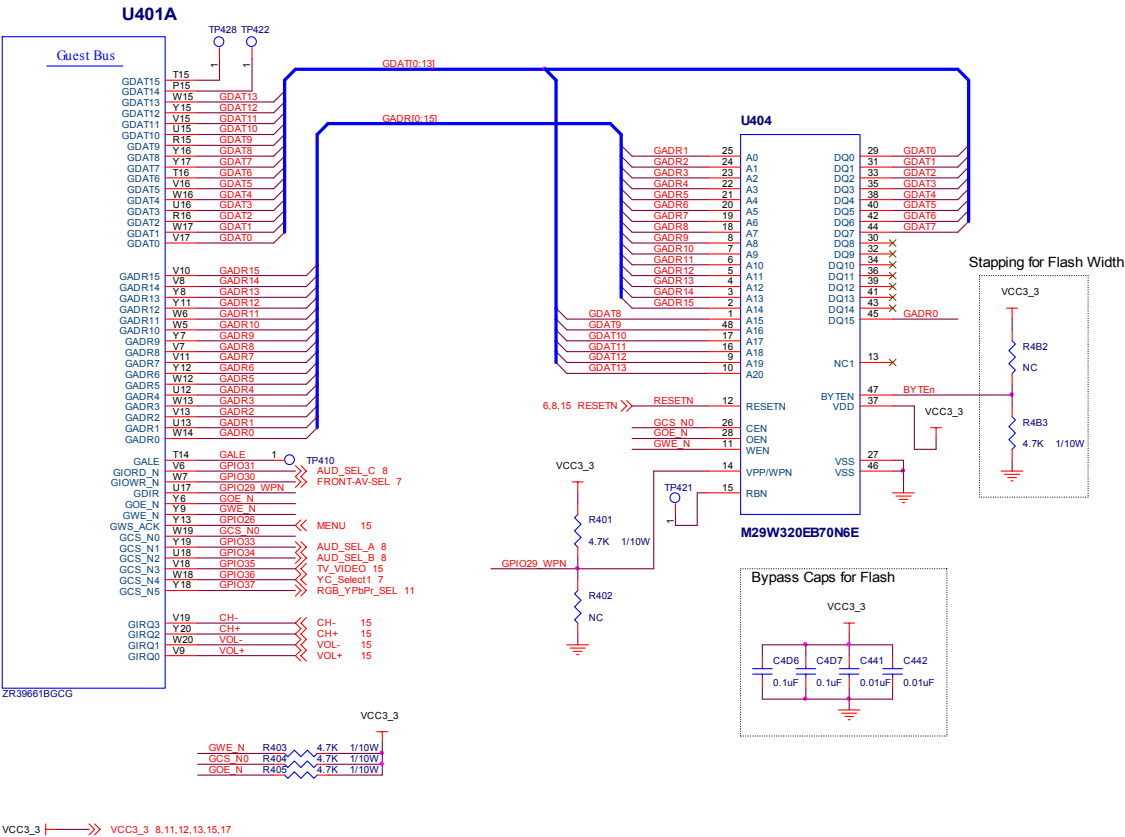
Title			02-Tuner and Demodulator		
Size	Document Number				Rev
Custom	T2300-F-X-X-1-070208				1

Tuner / Demodulator



TS Interface & Connector

Title			
03-TS I/F and Connector			
Size	Document Number		Rev
Custom	T2300-F-X-X-1-070208		E
Date:	Wednesday, February 07, 2007	Sheet	3 of 20



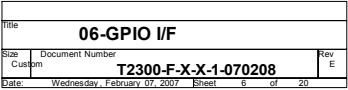
Guest Bus Interface

Title			04-Guest Bus I/F
Size	Document Number	Rev	
Custom	T2300-F-X-X-1-070208	E	
Date:	Wednesday, February 07, 2007	Sheet	4 of 20



DDR SDRAM Interface

Title			05-DDR SDRAM I/F		
Size	Document Number	T2300-F-X-X-1-070208			Rev E
Custom					
Date	Wednesday, October 01, 2003, 12:00 PM				

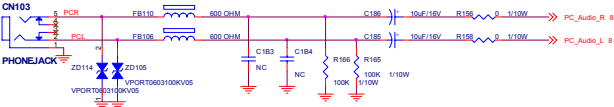


37" LCD TV

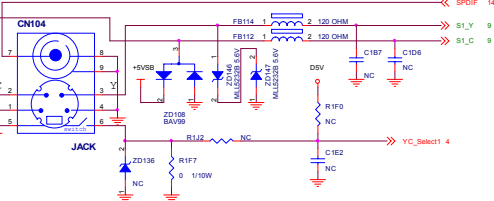
RCA L37WD23

VCC9A → VCC9A 6,8,9,17
+5VSB → +5VSB 11,13,14,15,17
DBV → DBV 6,8,10,12,14,15,17

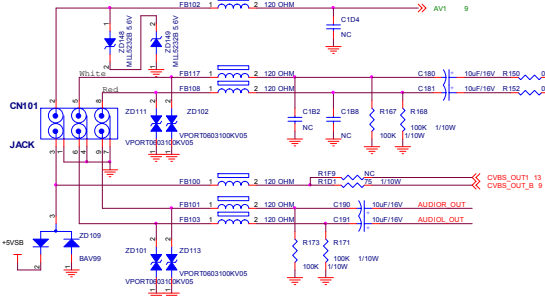
VGA Audio



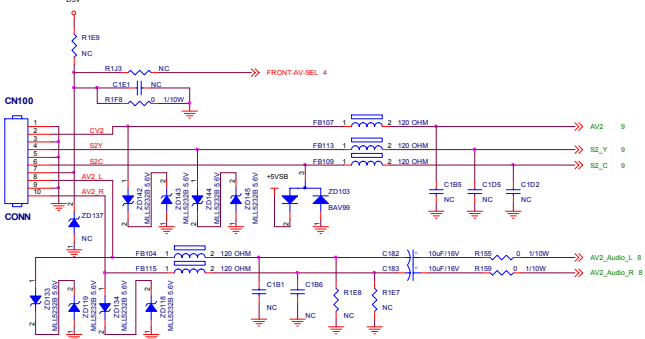
S_Video 1



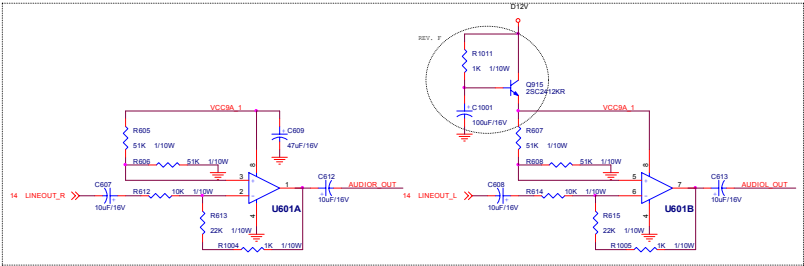
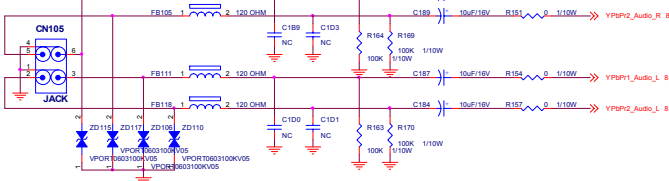
AV1/AV OUT



AV2 (Front End)

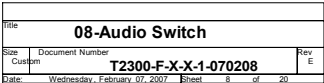


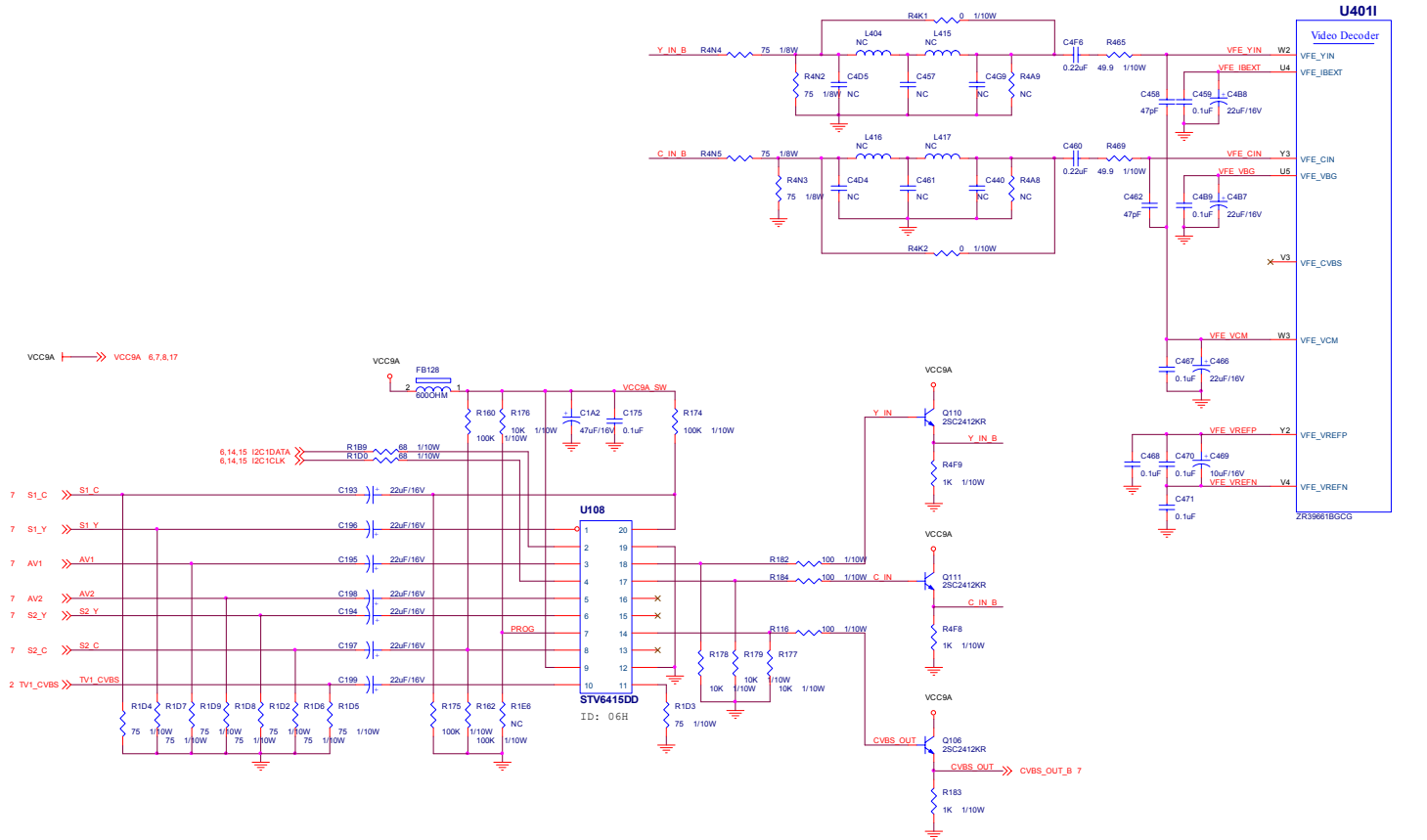
YPbPr Audio



12/3585 change "F2D72"
REV. E Hank

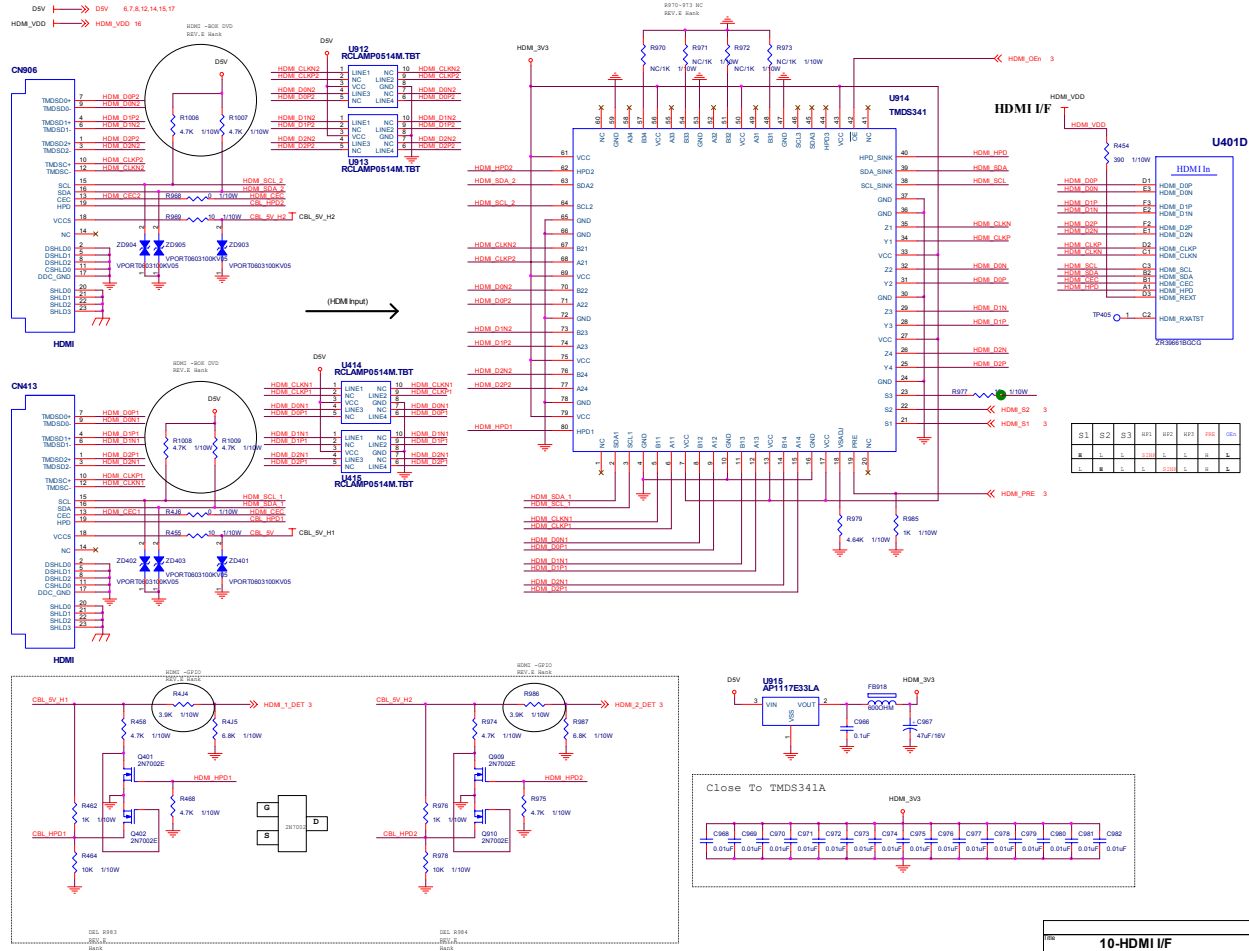
07-AV IN/OUT			
Rev	Document Number	T2300-F-X-X-1-070208	Rev
Customer			
Date	Wednesday, February 07, 2007	Sheet 7 of 20	





Video Decoder I/F

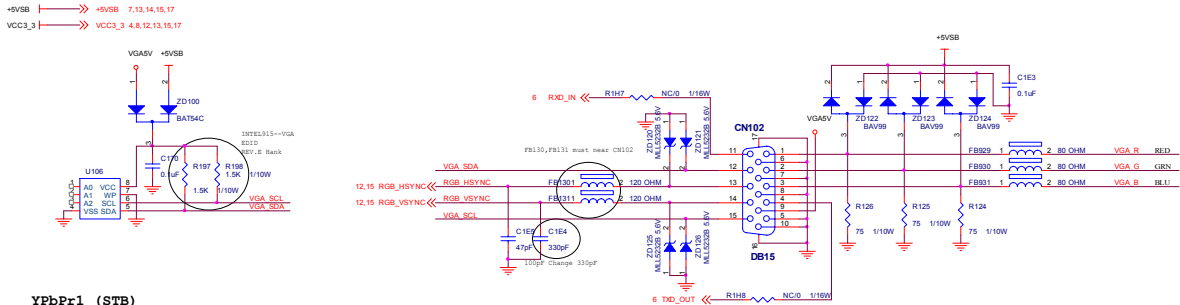
Title			09-Video decoder I/F
Size	Document Number	Rev	
Custom	T2300-F-X-X-1-070208	E	
Date	Wednesday, February 07, 2007	Drawn	9 of 20



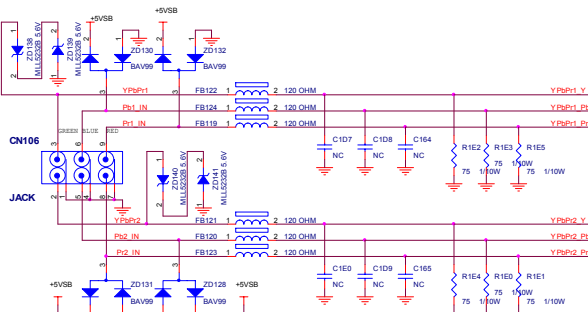
10-HDMI I/F			
Rev	Document Number	T2300-F-X-X-1-070208	Rev
Rev	Wednesday, February 22, 2006	Rev	Rev

37" LCD TV

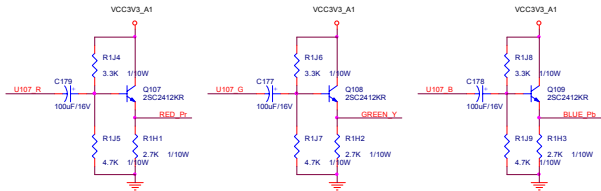
RCA L37WD23



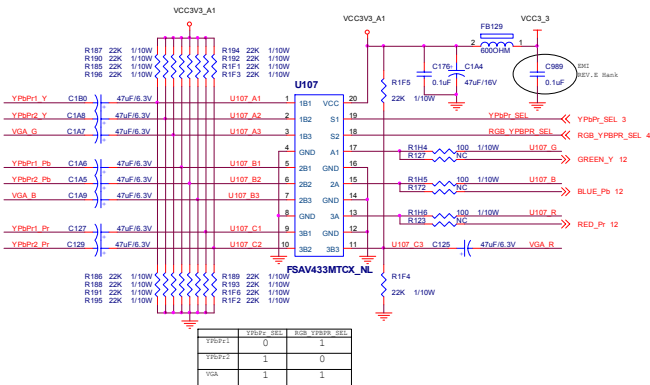
YPbPr1 (STB)



YPbPr2 (STB)



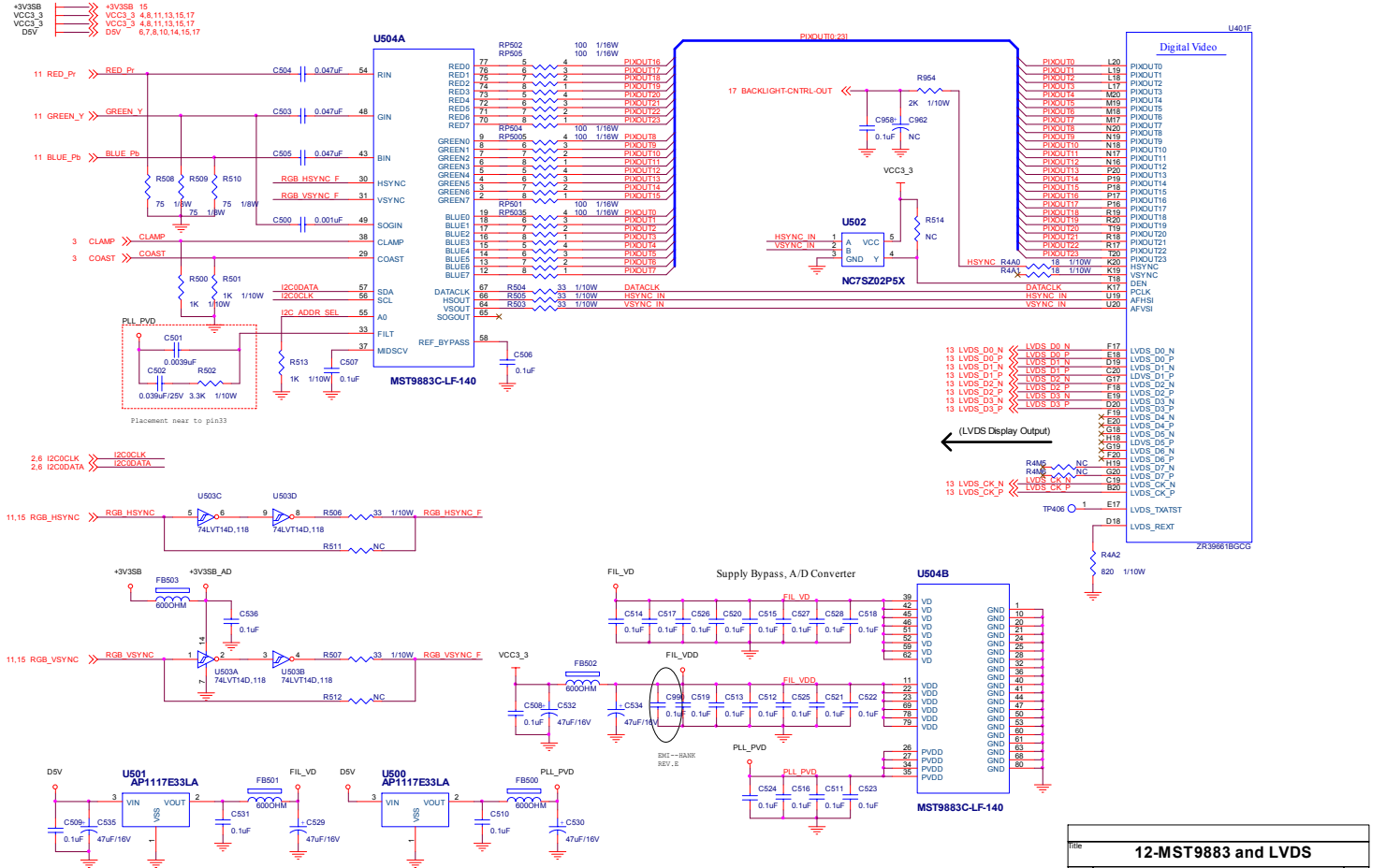
AV SW For HD Signal



11-YPbPr/RGB Input			
Rev	Document Number	Rev	
Custom	T2300-F-X-X-1-070208	E	
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37" LCD TV

RCA L37WD23



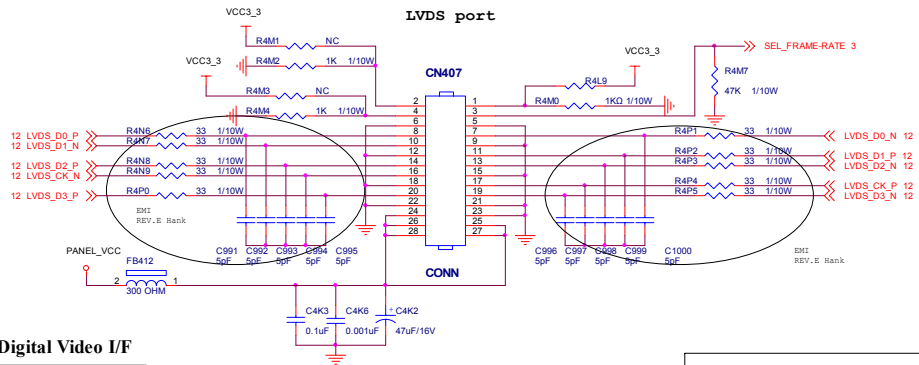
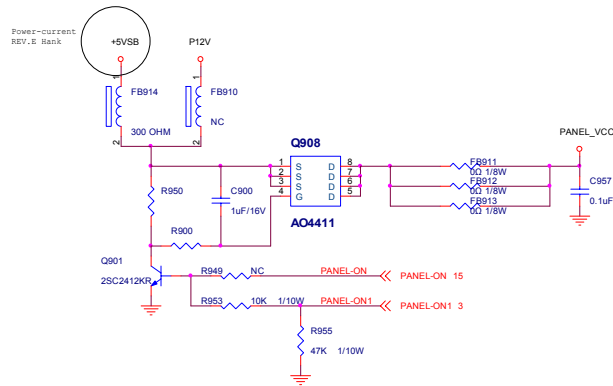
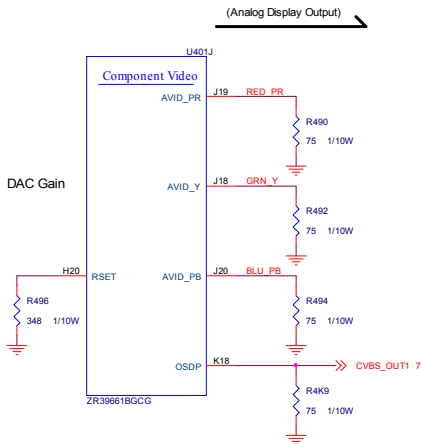
Title			12-MST9883 and LVDS
Size	Document Number	T2300-F-X-X-1-070208	
Drawn		Date	Wednesday, February 07, 2007
		Sheet	12 of 20
		Rev	E

37" LCD TV

RCA L37WD23

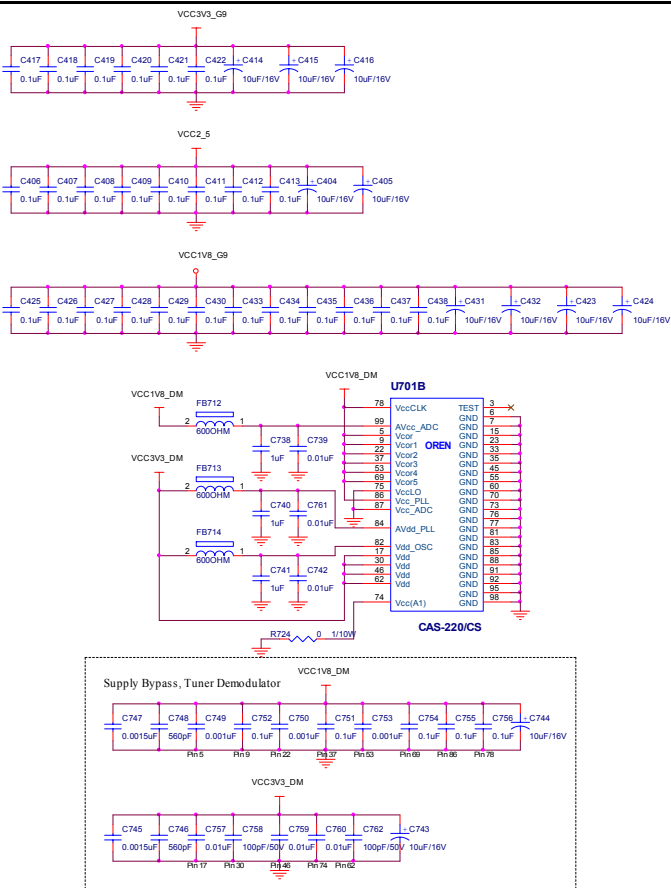
+5VSB
P12V
VCC3_3

+5VSB 7,11,14,15,17
P12V 17
VCC3_3 4,8,11,12,15,17



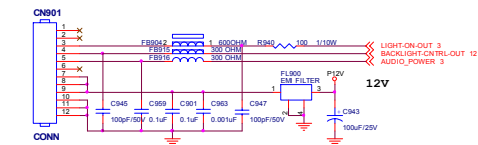
Digital Video I/F

Title				13-YPbPr & LVDS Output
Size	Document Number	T2300-F-X-X-1-070208		Rev
Custom				E
Date:	Wednesday, February 07, 2007	Sheet	13	of 20

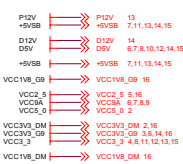
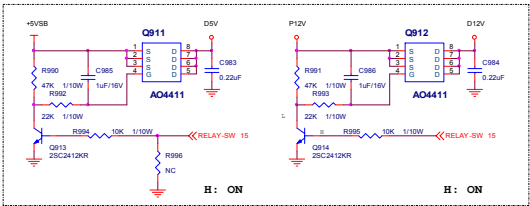
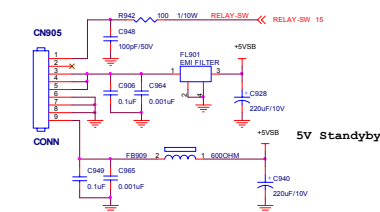


Title		16-Power and Ground 1		Rev	
Size	Document Number	T2300-F-X-X-1-070208		E	
Custom					
Date:	Wednesday, February 07, 2007	Sheet	16	of	20

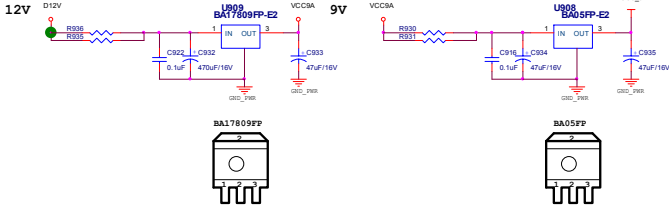
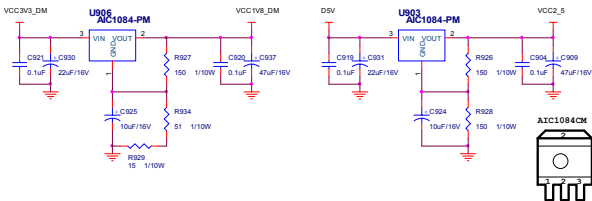
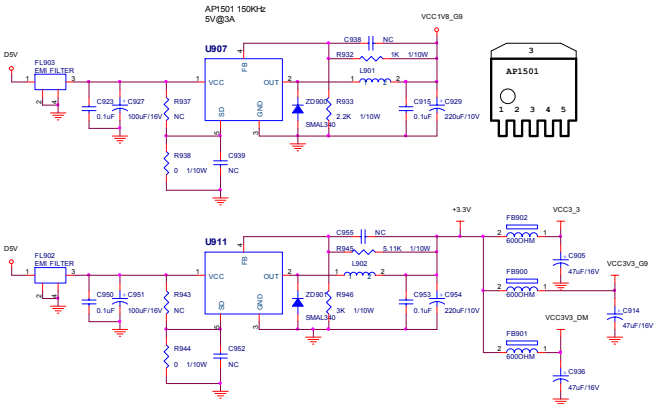
FROM POWER BOARD



Power Connector



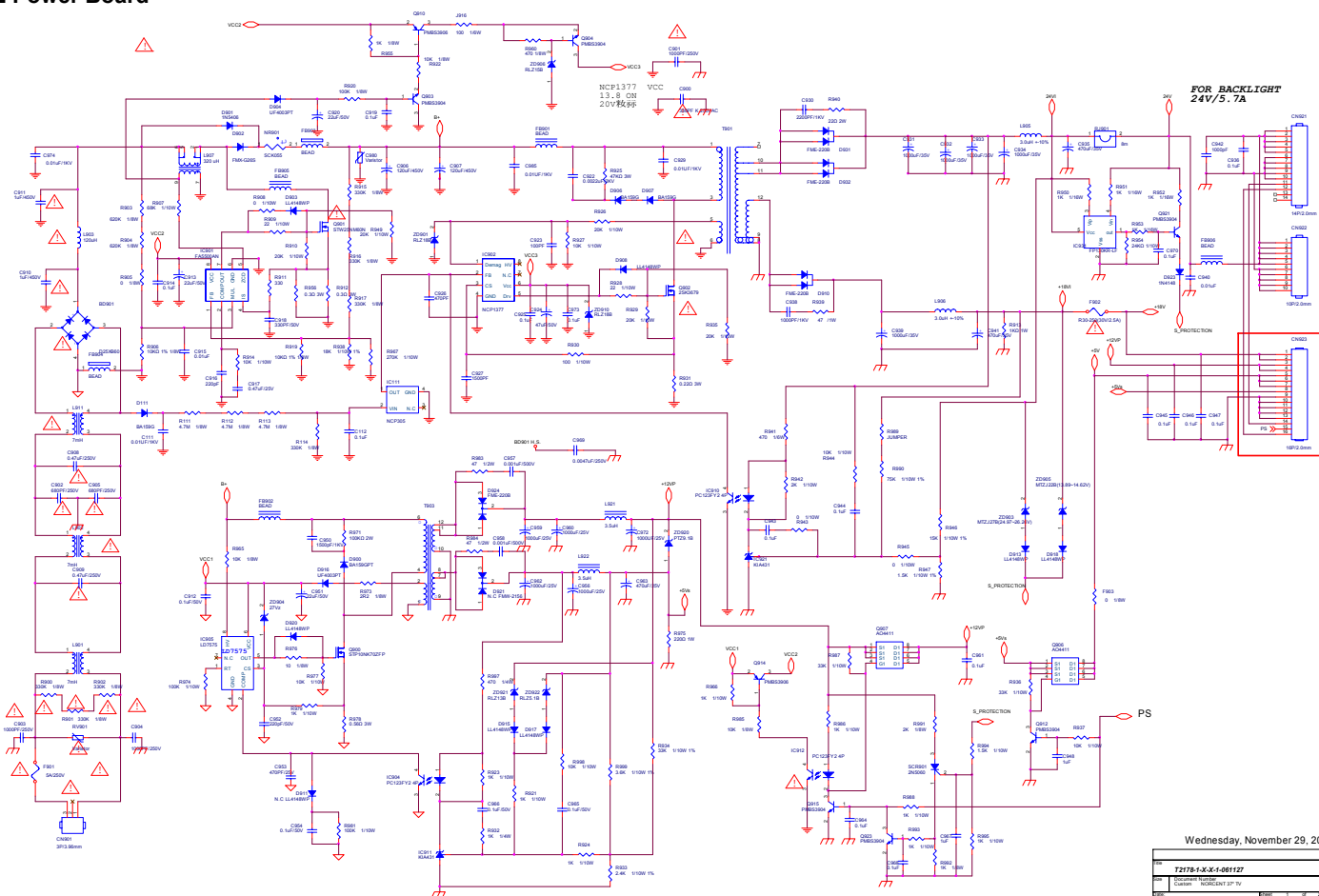
Power & Ground 5



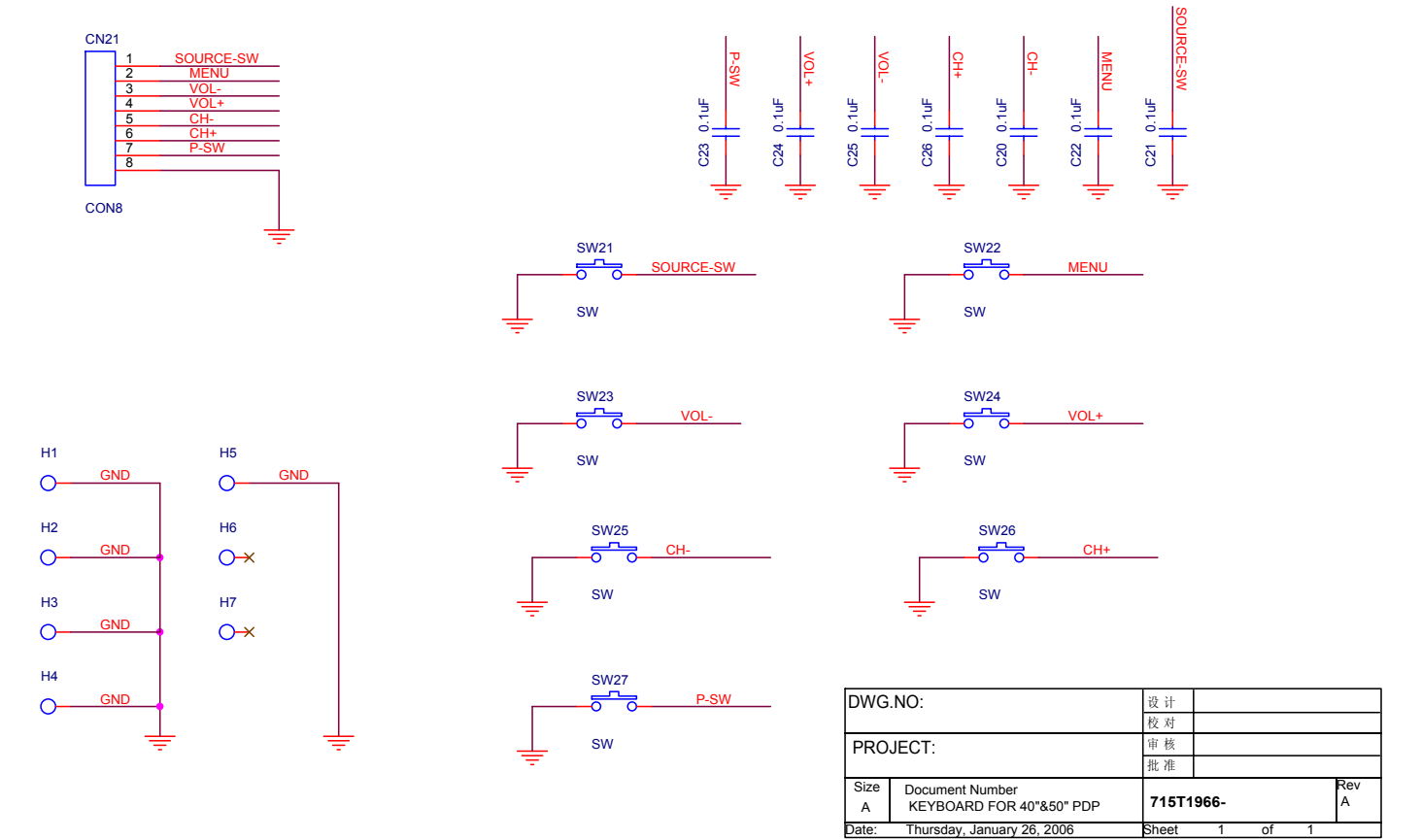
17-Power and Regulator			
File	Document Number	Rev	E
File	Custom	T2300-F-X-X-1-070208	
Date	Wednesday, February 27, 2007	Sheet	17 of 20

37" LCD TV 9.2 Power Board

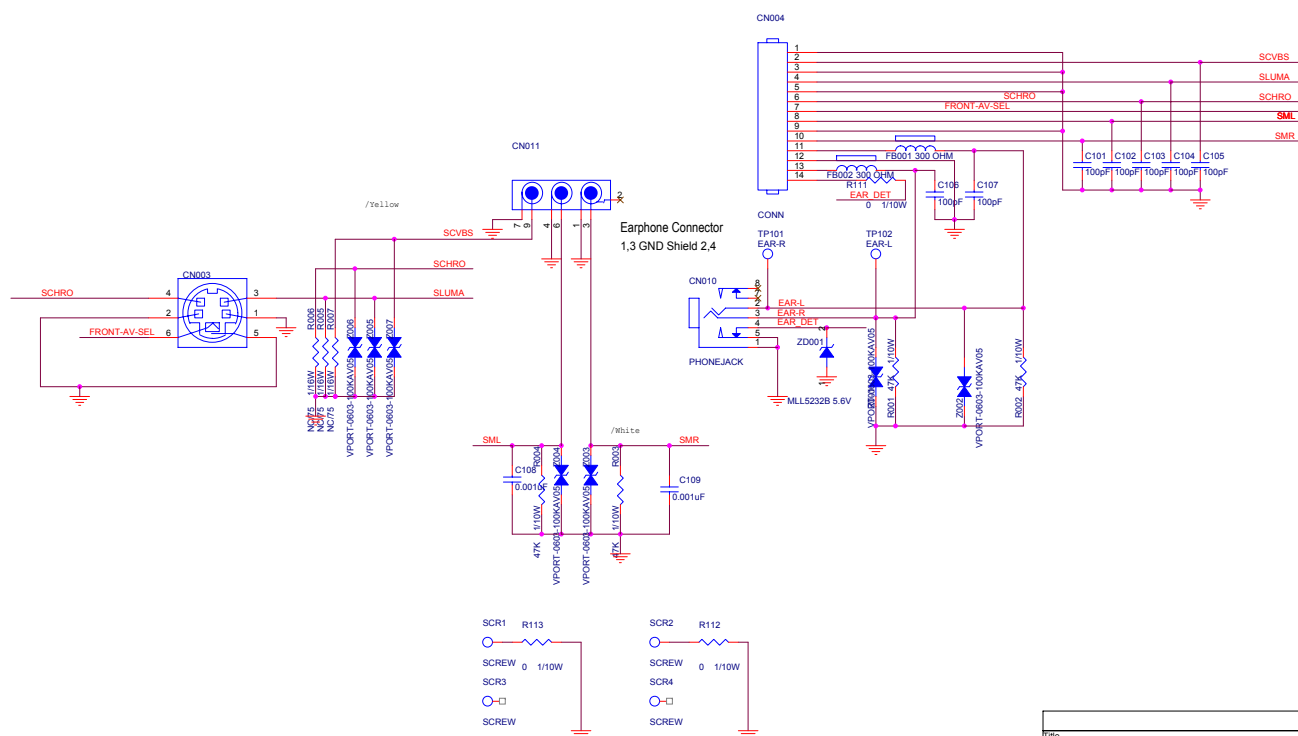
RCA L37WD23



9.3 Key Board

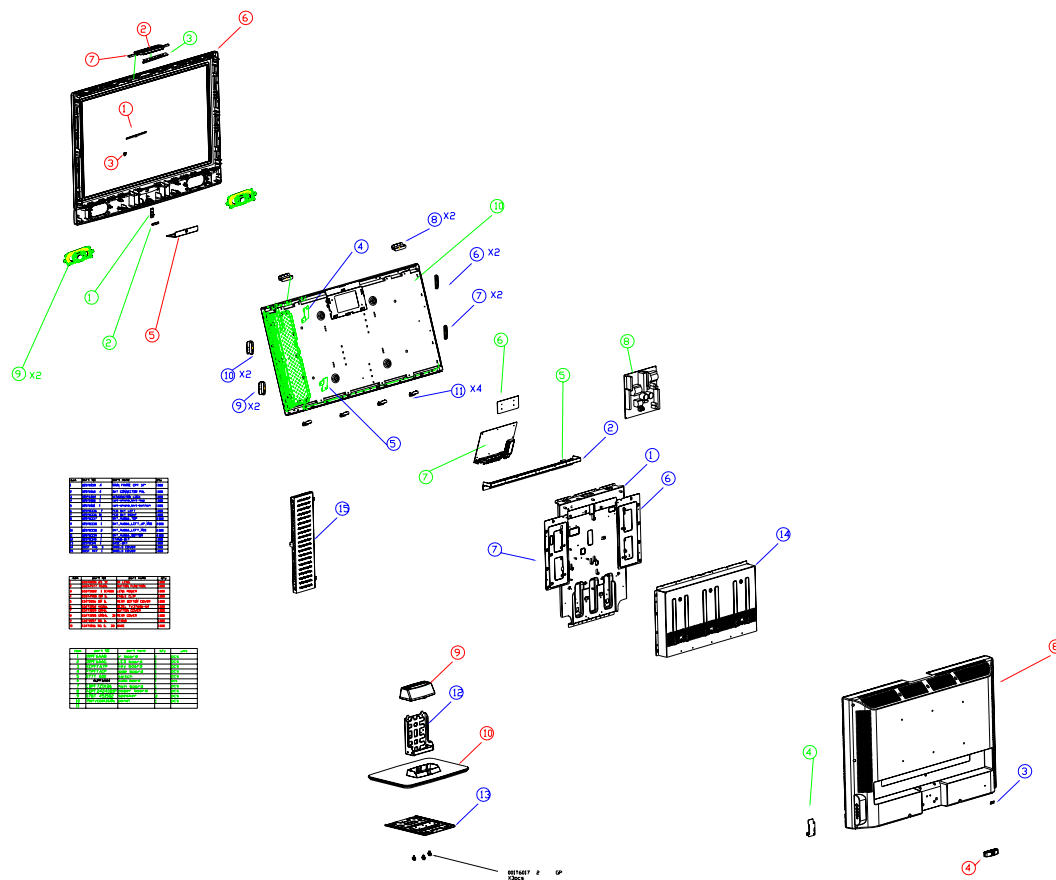


TO MAIN BOARD



Title		
FRONT_AV_Board		
Size B	Document Number 715P1967-	Rev E
Date:	Wednesday, April 12, 2006	Sheet 1 of 1

10. Exploded View



11. BOM List

E376CZKNK4RCN

Location	Part No.	Description
	034T1856 GM 1L	REAR BOTTOM COVER
	050T 500 1	CABLE TIE
	052T 1185	MIDDLE TAPE FOR CARTON
	052T 1186	SMALL TAPE
	052T 1211 A	ADHESIVE TYPE
	052T6019 1	YELLOW TAPE
	078T 451502 Y	SPK 8OHM 15W SUNLINK
	089T402A18N IS	POWER CORD
	092TB1JX1A21GM	BATTERY LR06 XINLI
	095T8013 2 44	WIRE HARNESS
	095T8013 3 38	WIRE HARNESS
	095T8013 3 40	WIRE HARNESS
	095T8013 6 28	HARNESS 6P-6P 200MM
	095T8013 14 4	WIRE HARNESS
	095T8014 16 67	WIRE HARNESS
	095T801413D642	WIRE HARNESS
	095T801414D 74	HARNESS 14P-14P 700MM
	095T801830D148	HARNESS 30P-24P 350MM
	098TR7BD4NERAX	REMOTE CONTROL
	0D1T 930 6120	SCREW
	0D1T 940 6120	SCREW
	0D1T 940 10 47 CR3	SCREW
	0D1T 940 14 47 CR3	SCREW
	0D1T1730 8128 CR3	SCREW
	0M1T 940 12120	SCREW
	0M1T 940 16120	SCREW
	0M1T 950 6120	SCREW
	0M1T 950 18120	SCREW
	0M1T1140 6128 CR3	SCREW
	0M1T1750 16 47 GP	SCREW
	0Q1T 330 6128 CR3	SCREW
	0Q1T 340 10 47 CR3	SCREW
	0Q1T1030 10128 CR3	SCREW
	0Q1T1840 10120	SCREW
	705TQ715018	BRACKET ASS'Y
	705TQ734078	BEZEL ASS'Y
	705TQ734079	REAR COVER ASS'Y
	705TQ734080	STAND ASS'Y
	750TVQCQ0A3S11N	LCD PANEL CLAA370WA03S CPT 32"W
	ADPF24240B1P	ADAPTOR BOARD
	AUPF6AA4	AUIDO BOARD
	CBPF7Z1KQ6	MAIN BOARD
	Q07T 7 T 89	COMPOUND PALLET
	Q15T0159 4	MAIN FRAME CPT 37"
	Q15T0180 1	CPT-SHIELD_BKT-TOP
	Q15T0181 1	CPT-SHIELD_BKT-BOTTOM
	Q15T8336 7	PCB BKT LEFT
	Q15T8336 10	PCB BKT RIGHT
	Q15T8337 1	BKT_AU066_TOP
	Q15T8338 1	BKT_AU066_LEFT_UP_MID
	Q15T8338 2	BKT_AU066_LEFT_MID
	Q15T8339 1	BKT_AU066_BOTTOM
	Q36T 600 31 6	HIMERON
	Q36T 600 37 6	CLOTH_GRIDDING

	Q40T 37V973 1A	RATING LABEL
	Q40T0001973 1A	S/N LABEL
	Q40T0001973 3A	CARTON LABEL 180X110
	Q40T0002973 4A	MERCURY LABEL
	Q40T0002973 7A	I/O LABEL
	Q41T7800973 8A	REGISTER CARD FOR ENGLISH
	Q41T7800973 9A	REGISTER CARD FOR F
	Q41T780097310A	REGISTER CARD FOR S
	Q44T3121510520	PU FOAM
	Q44T3121510522	SPONGE
	Q44T3121510523	SPONGE
	Q44T3121510525	SPONGE
	Q44T3B01 1	EPS
	Q44T3B01 2	EPS
	Q44T3B01 6 1A	U TYPE BOX
	Q44T3B01 6 2A	PAPER-BLOCKED
	Q44T3B01973 1A	CARTON
	Q45T 99606 2 R	PE BAG FOR BASE
	Q45T 99609 3 R	EPE COVER
	Q45T 99609 5 R	EPE COVER
	Q45T 99626 6 R	PE BAG FOR MONITOR
	Q52T6020506	PROTECT FILM
	Q85T 746 3	SHIELD COVER
	Q85T 747 1	SHIELD COVER
	001T6017 2 GP	SCREW
	040T 58162435A	LABEL
	Q41T2601973 1A	MANUAL E
	Q41T2601973 2A	MANUAL S/F
	Q41T7800973 5A	QSG FOR ENGLISH
	Q41T7800973 6A	QSG FOR F
	Q41T7800973 7A	QSG FOR S
	Q45T 76 28A30	PE BAG FOR MANUAL
	Q45T 76 28NV2 R	PE BAG FOR CLAMP
	Q44T3B01 3	EPS
	Q44T3B01 4	EPS
	087T 501 14 RF	AC SOCKET
	095T 900 42	WIRE HARNESS
	095T8021 3528	WIRE HARNESS
	096T 29 6	SHRINK TUBE UL/CSA
	PTPFFA2P	PLUG BOARD
	Q15T0160 4	BKT CONNECTOR PAL
	095T8014 3 23	WIRE HARNESS
	0Q1T 330 6128 CR3	SCREW
	IRPF6AA8	IR BOARD
	IRPF6AAG	LED BOARD
	KEPFFA7P	KEY BOARD
	Q33T0058 25 3C	IR LENS
	Q33T4977 RGD1L	BUTTON FUNCTION
	Q33T5022 1 1CA000	LENS POWER
	Q34T1854 KGD6L	BEZEL TV37W06-A4
	Q34T1859 GMH1L	BUTTON COVER
	Q44T3121510524	SPONGE
	Q44T3231 21 21	CR WASHER
	Q44T3231 21 22	CR WASHER
	015T6184 1	KENSINGTON LOCK
	095T 900 80	WIRE HARNESS
	0Q1T 330 6128 CR3	SCREW

	PTPFFA1P	SIDE BOARD
	Q33T4980 GM 1L	CABLE CLIP
	Q34T1855 GMD4L 30	REAR COVER
	012T 394 4	RUBBER FOOT
	012T6099 1	RUBBER FOOT
	012T6099 1	RUBBER FOOT
	034T1857 RG 1L	STAND
	0D1T 940 6120	SCREW
	0D1T 940 10 47 CR3	SCREW
	0Q1T 140 10120	SCREW
	A34T0106 RG 1L 33	BASE
	Q15T8340 1	STAND-BKT
	Q15T8341 1	BASE-BKT
CN922	033T3802 10	PLUG
CN921	033T3802 14	CONN
CN923	033T3802 16	WAFER
CN901	033T8029 3A	WAFER 2P 3.96MM
	040T 45762420A	S/N LABEL
IC912	056T 139 3A	PC123Y22FZOF
IC910	056T 139 3A	PC123Y22FZOF
IC904	056T 139 3A	PC123Y22FZOF
R913	061T 208102 64	1KOHM 5% 1W
R975	061T 208221 64	RST MOFR 220 OHM +-5% 1W
R971	061T152M10458F	100K OHM 5%2W
R940	061T152M220 64	22 OHM 5% 2W
R956	061T153M308 59	RST MOFR 0.3OHM +-5% 3WS
R925	061T153M47358F	47K OHM 5% 3W
C922	065T 2K222 1A6921	CAP CER 2200PF K 2KV
C906	067T 4012115K	105°C 120UF M 450V KINGNICH
C907	067T 4012115K	105°C 120UF M 450V KINGNICH
C931	067T215L102 6N	KY35VB1000M-L 5*25MM
C932	067T215L102 6N	KY35VB1000M-L 5*25MM
C933	067T215L102 6N	KY35VB1000M-L 5*25MM
C934	067T215L102 6N	KY35VB1000M-L 5*25MM
C939	067T215L102 6N	KY35VB1000M-L 5*25MM
FB906	071T 55 21	IND BEAD 10.0*6.0
	071T 55 30	FERRITE BEAD 4.0*2*3
L903	073T 174 70 L	120UH
L903	073T 174 70 S	CHOKER
L907	073T 174 83 L	LINE FILTER LITAI
L907	073T 174 83 T	LINE FILTER TDK
L907	073T 174 83 LS	LINE FILTER LISHIN
L901	073T 174 86 L	LINE FILTER 7MH LITAI
L902	073T 174 86 L	LINE FILTER 7MH LITAI
L911	073T 174 86 L	LINE FILTER 7MH LITAI
L901	073T 174 86 T	LINE FILTER 7MH TDK
L902	073T 174 86 T	LINE FILTER 7MH TDK
L911	073T 174 86 T	LINE FILTER 7MH TDK
L922	073T 253 91 LS	CHOKER BY LI SHIN
L921	073T 253 91 LS	CHOKER BY LI SHIN
L905	073T 253150 L	CHOCK
L906	073T 253155 L	CHOKER
T903	080TL37T 1 L	XFMR FOR POWER LITAI
T903	080TL37T 1 T	XFMR FOR POWER TDK
T903	080TL37T 1 LS	XFMR FOR POWER LISHIN
T901	080TL37T 9 T	X'FMR 800UH SRW4220EC-T14H017
RJ901	095T 90 26	WIRE HARNESS

	705T3724057001	37" LCD TV POWER ASS'Y
	705T3724057002	37" LCD TV POWER ASS'Y
	705T3724061030	0.30HM/3W ASS'Y
	705T3724061056	0.56OHM/3W ASS'Y
	705T3724061470	47OHM/1W ASS'Y
	705T3724093001	37" LCD TV POWER ASS'Y
	705T3724093002	37" LCD TV POWER ASS'Y
	705T3724093003	ASS'Y
	705TQLK0 61003	R931 ASS'Y
	705TQLK0C65002	A4 FOR ADAPTER ASS'Y
	705TQLK1 57001	37" LCD TV POWER ASS'Y
L903	S73T17470V	TRANSFORMER ASS'Y
L901	S73T17486V	TRANSFORMER ASS'Y
L911	S73T17486V	TRANSFORMER ASS'Y
L902	S73T17486V	TRANSFORMER ASS'Y
L905	S73T253150V	TRANSFORMER ASS'Y
L906	S73T253155V	TRANSFORMER ASS'Y
L921	S73T25391V	TRANSFORMER ASS'Y
L922	S73T25391V	TRANSFORMER ASS'Y
CN3	033T3278 2	WAFER
CN1	033T3278 3	WAFER
CN7	033T3278 6	WAFER
CN6	033T3802 4	WAFER PH-4
C39	064T176J474 0T	0.47UF +-5% 50/63V
C3	064T176J474 0T	0.47UF +-5% 50/63V
C44	067T 215101 6P	EC 105°C 100UF M 35V
C26	067T 215221 6P	ELCAP 105°C 220UF M 35V
C15	067T 215221 6P	ELCAP 105°C 220UF M 35V
L9	073T 253158 L	CHOKE COIL
L4	073T 253158 L	CHOKE COIL
L2	073T 253158 L	CHOKE COIL
L11	073T 253158 L	CHOKE COIL
	090T6068 2	HEAT SINK
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	061T152M100 64	10OHM 5% 2W
R936	061T152M100 64	10OHM 5% 2W
R931	061T153M180 59	18 OHM 5% 3W
R930	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
	085T 583510	GASKET
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 2251B	12MHZ/20PF/49US
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
CN108	033T3278 3	WAFER
CN109	088T 353 9M H	DB9 RIGHT AMGLE MALE
PCB	715T1877 1	CONNECT BOARD PCB
CN03	033T3802 3	WAFER EH-3
D01	081T 12 1 GP	LED GP32032M/R003-ZY-33
CN02	033T3802 3	WAFER EH-3
CN01	033T3802 5	AUDIO IN
U01	056T 627 27	IR RPM7157-V4
SW24	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW23	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
SW26	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW25	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW27	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
CN004	033T3802 14	CONN
CN011	088T 78 1319C	RCA JACK 1*3 R/W/Y
CN003	088T 100 11 ST	MINI DIN JACK 4P+ SWITCH 2MJ-0602-005
CN010	088T 30211K	PHONE JACK
Q900	057T 667 21	STP10NK70ZFP
	090T 426501	HEAT SINK
	0M1T1730 8128 CR3	SCREW
Q902	057T 600 35	STP8NK80ZFP BY ST TO-220FP
Q902	057T 667 32	STP10NK80ZFP TO-220FP
	0M1T1730 8128 CR3	SCREW
	Q90T0126 1	HEAT SINK
R912	061T153M308 59	RST MOFR 0.3OHM +-5% 3WS
	096T 29 1	SHRINK TUBE UL/CSA
R978	061T153M568 59	RST MOFR 0.56 OHM +-5% 3WS
	096T 29 1	SHRINK TUBE UL/CSA
R939	061T 20847058F GP	47 OHM 1W
	096T 29 6	SHRINK TUBE UL/CSA
D931	093T 60258	FME-220B TO-220 SANKEN
D932	093T 60258	FME-220B TO-220 SANKEN
D910	093T 60258	FME-220B TO-220 SANKEN
D932	093T 60271	DIODE MBRF20150CT ITO-220AB LITEON
D910	093T 60271	DIODE MBRF20150CT ITO-220AB LITEON
D931	093T 60271	DIODE MBRF20150CT ITO-220AB LITEON
	0M1T1730 8128 CR3	SCREW
	Q90T6321A01	HEAT SINK
D924	093T 60258	FME-220B TO-220 SANKEN
D921	093T1506 2	FMW-2156
	0M1T1730 8128 CR3	SCREW
	Q90T0127 1	HEAT SINK
	090T 426500	HEAT SINK
BD901	093T 50460 19	BRIDGE D25XB60 25A 600V
	0M1T1730 8128 CR3	SCREW
R931	061T153M228 59	0.22 OHM 3W
	096T 29 1	SHRINK TUBE UL/CSA

C980	061T 46 12 GP	VARISTOR 680V TNR15G681K
RV901	061T 46 12 GP	VARISTOR 680V TNR15G681K
NR901	061T 58050 WT GP	NTCR 5 OHM
C909	063T107K474 HS	X2 CAP 0.47UF K 275VAC
C908	063T107K474 HS	X2 CAP 0.47UF K 275VAC
C911	063T213J105GFA	MPF CAP
C910	063T213J105GFA	MPF CAP
C900	065T306K3312F2	Y1 330PF K 250VAC
C902	065T306K6812F2	Y1 680PF K 250VAC
C905	065T306K6812F2	Y1 680PF K 250VAC
C904	065T306M1022F2	Y1 1000PF M 250VAC
C901	065T306M1022F2	Y1 1000PF M 250VAC
C903	065T306M1022F2	Y1 1000PF M 250VAC
C969	065T306M4722B3	Y1 CAP 4700PF M 250VAC
C969	065T306M4722BM	4700PF +/-20% 400VAC
C962	067T215L102 4N	KY25VB1000M-L 12.5*20
C972	067T215L102 4N	KY25VB1000M-L 12.5*20
C960	067T215L102 4N	KY25VB1000M-L 12.5*20
C959	067T215L102 4N	KY25VB1000M-L 12.5*20
C956	067T215L102 4N	KY25VB1000M-L 12.5*20
C972	067T215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C962	067T215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C960	067T215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C959	067T215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C956	067T215L102 4R	LOW E.S.R 1000UF +/-20% 25V
C963	067T215L471 4N	KY25VB470M-L10*16
C935	067T215L471 6N	KY35VB470M-L 10*20MM
C941	067T215L471 6N	KY35VB470M-L 10*20MM
FB903	071T 55 29	BEAD
FB904	071T 55 29	BEAD
D901	093T 5241T52T	1N5406
D916	093T1020 752T	UF4003PT
D904	093T1020 752T	UF4003PT
D906	093T1100 1052T	BA159GPT
D907	093T1100 1052T	BA159GPT
	032T3028 5	MICA
Q901	057T 611 5	FET FCA20N60 FAIRCHILD
Q901	057T 667 45	FET 2SK3697-01 FUJI
Q901	057T 667 48	TRA STW25NM60N TO-247 ST
D902	093T 220 22	DIODE YG972S6R TO-220F FUJI
D902	093T 220 23	DIODE FMX-G26S TO-220 SANKEN
	0M1T1730 12128 CR3	SCREW
	Q90T6321A01	HEAT SINK
IC931	056T 192 16	FP130KR-LF
IC902	056T 379 57	NCP1377BDR2G S0IC-8
IC905	056T 379 61	IC LD7575PS SOP-8 LEADTREND
IC901	056T 538 6	FA5500AN
IC111	056T 643 14	NCP305
Q912	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q923	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q921	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q915	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q904	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q903	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q910	057T 417 6	PMBS3906/PHILIPS-SMT
Q914	057T 417 6	PMBS3906/PHILIPS-SMT
Q906	057T 763 3	AO4411L SO-8 BY AOS SMT

Q907	057T 763 3	AO4411L SO-8 BY AOS SMT
R950	061T0603102	CHIP 1K OHM 1/16W
R951	061T0603102	CHIP 1K OHM 1/16W
R952	061T0603102	CHIP 1K OHM 1/16W
R953	061T0603102	CHIP 1K OHM 1/16W
R954	061T0603243	RST CHIPR 24 KOHM +-5% 1/10W
R908	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
R945	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
R976	061T0805100	RST CHIPR 10 OHM +-5% 1/8W
R906	061T0805100 2F	RST CHIPR 10 KOHM +-1% 1/8W
R919	061T0805100 2F	RST CHIPR 10 KOHM +-1% 1/8W
R930	061T0805101	RST CHIPR 100 OHM +-5% 1/8W
R995	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R993	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R988	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R986	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R979	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R966	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R924	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R923	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R921	061T0805102	RST CHIPR 1KOHM +-5% 1/4W
R914	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R927	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R944	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R977	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R998	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R974	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W
R981	061T0805104	RST CHIPR 100 KOHM +-5% 1/8W
R947	061T0805150 1F	RST CHIPR 1.5 KOHM +-1% 1/8W
R946	061T0805150 2F	RST CHIPR 15 KOHM +-1% 1/8W
R938	061T0805180 2F	RST CHIPR 18 KOHM +-1% 1/8W
R942	061T0805202	RST CHIPR 2 KOHM +-5% 1/8W
R910	061T0805203	RST CHIPR 20 KOHM +-5% 1/8W
R929	061T0805203	RST CHIPR 20 KOHM +-5% 1/8W
R935	061T0805203	RST CHIPR 20 KOHM +-5% 1/8W
R949	061T0805203	RST CHIPR 20 KOHM +-5% 1/8W
R909	061T0805220	RST CHIPR 22 OHM +-5% 1/8W
R928	061T0805220	RST CHIPR 22 OHM +-5% 1/8W
R933	061T0805240 1F	RST CHIPR 2.4 KOHM +-1% 1/8W
R967	061T0805274	RST CHIPR 270 KOHM +-5% 1/8W
R934	061T0805330 2F	RST CHIPR 33 KOHM +-1% 1/8W
R987	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W
R936	061T0805333	RST CHIPR 33 KOHM +-5% 1/8W
R114	061T0805334	RST CHIPR 330 KOHM +-5% 1/8W
R999	061T0805360 1F	RST CHIPR 3.6 KOHM +-1% 1/8W
R907	061T0805683	RST CHIPR 68 KOHM +-5% 1/8W
R990	061T0805753	RST CHIPR 75 KOHM +-5% 1/8W
ZD909	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
R905	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
F903	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
J916	061T1206101	RST CHIPR 100 OHM +-5% 1/4W
R955	061T1206102	RST CHIPR 1 KOHM +-5% 1/4W
R985	061T1206103	RST CHIPR 10 KOHM +-5% 1/4W
R965	061T1206103	RST CHIPR 10 KOHM +-5% 1/4W
R922	061T1206103	RST CHIPR 10 KOHM +-5% 1/4W
R920	061T1206104	RST CHIPR 100 KOHM +-5% 1/4W
R992	061T1206202	RST CHIPR 2 KOHM +-5% 1/4W

R991	061T1206202	RST CHIPR 2 KOHM +-5% 1/4W
R973	061T1206229	RST CHIPR 2.2 OHM +-5% 1/4W
R902	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R901	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R900	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R917	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R916	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R915	061T1206334	RST CHIPR 330 KOHM +-5% 1/4W
R960	061T1206471	RST CHIPR 470 OHM +-5% 1/4W
R111	061T1206475	RST CHIPR 4.7 MOHM +-5% 1/4W
R112	061T1206475	RST CHIPR 4.7 MOHM +-5% 1/4W
R113	061T1206475	RST CHIPR 4.7 MOHM +-5% 1/4W
R903	061T1206624	RST CHIPR 620 KOHM +-5% 1/4W
R904	061T1206624	RST CHIPR 620 KOHM +-5% 1/4W
C940	065T0603103 32	CHIP 0.01UF 50V X7R
C970	065T0603104 32	CHIP 0.1UF 50V X7R
C923	065T0805101 31	CHIP 100PF 50V NPD 0805
C942	065T0805102 31	1000PF 50V NPO
C915	065T0805103 32	10NF/50V/0805/X7R
C966	065T0805104 32	CHIP 0.1UF 50V X7R
C965	065T0805104 32	CHIP 0.1UF 50V X7R
C968	065T0805104 32	CHIP 0.1UF 50V X7R
C973	065T0805104 32	CHIP 0.1UF 50V X7R
C964	065T0805104 32	CHIP 0.1UF 50V X7R
C961	065T0805104 32	CHIP 0.1UF 50V X7R
C954	065T0805104 32	CHIP 0.1UF 50V X7R
C947	065T0805104 32	CHIP 0.1UF 50V X7R
C946	065T0805104 32	CHIP 0.1UF 50V X7R
C945	065T0805104 32	CHIP 0.1UF 50V X7R
C944	065T0805104 32	CHIP 0.1UF 50V X7R
C943	065T0805104 32	CHIP 0.1UF 50V X7R
C936	065T0805104 32	CHIP 0.1UF 50V X7R
C925	065T0805104 32	CHIP 0.1UF 50V X7R
C112	065T0805104 32	CHIP 0.1UF 50V X7R
C912	065T0805104 32	CHIP 0.1UF 50V X7R
C914	065T0805104 32	CHIP 0.1UF 50V X7R
C919	065T0805104 32	CHIP 0.1UF 50V X7R
C967	065T0805105 22	CHIP 1UF 25V X7R 0805
C948	065T0805105 22	CHIP 1UF 25V X7R 0805
C927	065T0805152 22	CHIP 1500PF 25V X7R 0805
C916	065T0805221 31	220PF 50V NPO
C952	065T0805221 32	CHIP 220PF 50V X7R 0805
C918	065T0805331 32	CHIP 330PF 50V X7R 0805
C953	065T0805471 22	CER 470PF K 25V X7R
C926	065T0805471 31	CHIP 470PF 50V NPO
C917	065T0805474 22	CHIP 0.47UF 25V X7R
D918	093T 64 44 S	LL4148WP
D917	093T 64 44 S	LL4148WP
D915	093T 64 44 S	LL4148WP
D913	093T 64 44 S	LL4148WP
D911	093T 64 44 S	LL4148WP
ZD906	093T 39S 15 T	RLZ15B
ZD905	093T 39S 20 T	RLZ22B LLDS
ZD922	093T 39S 25 T	RLZ5.1B LLDS
ZD920	093T 39S 38 T	PTZ 9.1B
ZD921	093T 39S 40 T	RLZ 13B LLDS
ZD901	093T 39S 44 T	RLZ18B

ZD910	093T 39S 44 T	RLZ18B
D920	093T 60S 14 T	DIODE_1A/100V_B1100_SMA
D908	093T 60S 14 T	DIODE_1A/100V_B1100_SMA
D903	093T 60S 14 T	DIODE_1A/100V_B1100_SMA
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
R20	061T0603000	CHIP 00HM 1/16W
R26	061T0603000	CHIP 00HM 1/16W
R31	061T0603000	CHIP 00HM 1/16W
R32	061T0603000	CHIP 00HM 1/16W
R35	061T0603000	CHIP 00HM 1/16W
R37	061T0603000	CHIP 00HM 1/16W
R39	061T0603000	CHIP 00HM 1/16W
R5	061T0603000	CHIP 00HM 1/16W
R7	061T0603000	CHIP 00HM 1/16W
R25	061T0603101	CHIP 100OHM 1/16W
R6	061T0603103	CHIP 10KOHM 1/16W
R4	061T0603103	CHIP 10KOHM 1/16W
R30	061T0603103	CHIP 10KOHM 1/16W
R28	061T0603103	CHIP 10KOHM 1/16W
R13	061T0603103	CHIP 10KOHM 1/16W
R12	061T0603103	CHIP 10KOHM 1/16W
R1	061T0603103	CHIP 10KOHM 1/16W
R17	061T0603104	CHIP 100K OHM 1/16W
R8	061T0603105	CHIP 1MOHM 1/16W
R18	061T0603223	CHIP 22KOHM 1/16W
R29	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R14	061T0603333	RST CHIPR 33 KOHM +-5% 1/10W
R15	061T0603473	CHIP 47KOHM 1/16W
R16	061T0603473	CHIP 47KOHM 1/16W
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
C40	065T0603102 32	CHIP 1000PF 50V X7R
C4	065T0603102 32	CHIP 1000PF 50V X7R
C38	065T0603102 32	CHIP 1000PF 50V X7R
C13	065T0603103 32	CHIP 0.01UF 50V X7R
C35	065T0603103 32	CHIP 0.01UF 50V X7R
C1	065T0603104 32	CHIP 0.1UF 50V X7R
C32	065T0603104 32	CHIP 0.1UF 50V X7R
C37	065T0603104 32	CHIP 0.1UF 50V X7R
C41	065T0603104 32	CHIP 0.1UF 50V X7R
C5	065T0603104 32	CHIP 0.1UF 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
C17	065T0603474 27	CHIP 0.47UF 25V Y5V
C28	065T0805105 37	CHIP 1UF 50V Y5V
C30	065T0805105 37	CHIP 1UF 50V Y5V
C36	065T0805105 37	CHIP 1UF 50V Y5V

C9	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
C22	065T1206475 22	4.7U/25V X7R
C19	065T1206475 22	4.7U/25V X7R
C14	065T1206475 22	4.7U/25V X7R
C11	065T1206475 22	4.7U/25V X7R
C7	065T1206475 22	4.7U/25V X7R
C42	065T1206475 22	4.7U/25V X7R
C16	067T311F100 4T	EC 105°C 10UF M 25V
C18	067T311F100 4T	EC 105°C 10UF M 25V
C51	067T311F100 4T	EC 105°C 10UF M 25V
C52	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
	715T2091 1	AUDIO BOARD PCB
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
U911	056T 56314A	IC AP1501-K5LA TO-263-5L ANACHIP
U907	056T 56314A	IC AP1501-K5LA TO-263-5L ANACHIP
U504	056T 567 7	MST9883C-140 LQFP-80 BY MST
U910	056T 585 4A	AP1117E33LA
U915	056T 585 4A	AP1117E33LA
U501	056T 585 4A	AP1117E33LA
U500	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 644601 1	IC ZR39661BGCG VER:B3
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

U905	056T1125700RZ3	IC P87LPC764BD PHILIPS
U405	056T1130 3	CS4335-KSZ SOIC-8
U421	056T1130 3	CS4335-KSZ SOIC-8
U106	056T1133 34	M24C02-WMN6TP
U404	056T1133 88RZ6	IC M29W320EB70N6E TSOP48 ST
U106	056T113334A	M24C02-WMN6TP
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
Q915	057T 765 1	2SC2412KR
Q914	057T 765 1	2SC2412KR
Q913	057T 765 1	2SC2412KR
Q907	057T 765 1	2SC2412KR
Q906	057T 765 1	2SC2412KR
Q905	057T 765 1	2SC2412KR
Q903	057T 765 1	2SC2412KR
Q901	057T 765 1	2SC2412KR
Q403	057T 765 1	2SC2412KR
Q111	057T 765 1	2SC2412KR
Q110	057T 765 1	2SC2412KR
Q100	057T 765 1	2SC2412KR
Q101	057T 765 1	2SC2412KR
Q102	057T 765 1	2SC2412KR
Q103	057T 765 1	2SC2412KR
Q104	057T 765 1	2SC2412KR
Q105	057T 765 1	2SC2412KR
Q106	057T 765 1	2SC2412KR
Q107	057T 765 1	2SC2412KR
Q108	057T 765 1	2SC2412KR
Q109	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
RP401	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
RP403	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
RP405	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
RP416	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
RP414	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
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
R4T2	061T0603000	CHIP 00HM 1/16W
R4T1	061T0603000	CHIP 00HM 1/16W
R4P7	061T0603000	CHIP 00HM 1/16W
R4N0	061T0603000	CHIP 00HM 1/16W
R4M8	061T0603000	CHIP 00HM 1/16W
R4L3	061T0603000	CHIP 00HM 1/16W
R4L0	061T0603000	CHIP 00HM 1/16W
R4K2	061T0603000	CHIP 00HM 1/16W
R4K1	061T0603000	CHIP 00HM 1/16W
R4K0	061T0603000	CHIP 00HM 1/16W
R4T3	061T0603000	CHIP 00HM 1/16W
R610	061T0603000	CHIP 00HM 1/16W
R611	061T0603000	CHIP 00HM 1/16W
R724	061T0603000	CHIP 00HM 1/16W
R920	061T0603000	CHIP 00HM 1/16W
R938	061T0603000	CHIP 00HM 1/16W
R944	061T0603000	CHIP 00HM 1/16W
R952	061T0603000	CHIP 00HM 1/16W
R956	061T0603000	CHIP 00HM 1/16W
R957	061T0603000	CHIP 00HM 1/16W
R968	061T0603000	CHIP 00HM 1/16W
R1003	061T0603000	CHIP 00HM 1/16W
R150	061T0603000	CHIP 00HM 1/16W
R151	061T0603000	CHIP 00HM 1/16W
R152	061T0603000	CHIP 00HM 1/16W
R153	061T0603000	CHIP 00HM 1/16W
R154	061T0603000	CHIP 00HM 1/16W
R155	061T0603000	CHIP 00HM 1/16W
R156	061T0603000	CHIP 00HM 1/16W
R157	061T0603000	CHIP 00HM 1/16W
R158	061T0603000	CHIP 00HM 1/16W
R159	061T0603000	CHIP 00HM 1/16W
R1F7	061T0603000	CHIP 00HM 1/16W
R1F8	061T0603000	CHIP 00HM 1/16W
R4A5	061T0603000	CHIP 00HM 1/16W
R4E6	061T0603000	CHIP 00HM 1/16W
R4G7	061T0603000	CHIP 00HM 1/16W
R4H9	061T0603000	CHIP 00HM 1/16W
R4J0	061T0603000	CHIP 00HM 1/16W
R4J1	061T0603000	CHIP 00HM 1/16W
R4J6	061T0603000	CHIP 00HM 1/16W
R4J8	061T0603000	CHIP 00HM 1/16W
R455	061T0603100	CHIP 100HM 1/16W
R969	061T0603100	CHIP 100HM 1/16W
R977	061T0603100	CHIP 100HM 1/16W
R674	061T0603101	CHIP 100OHM 1/16W
R942	061T0603101	CHIP 100OHM 1/16W
R940	061T0603101	CHIP 100OHM 1/16W
R917	061T0603101	CHIP 100OHM 1/16W
R916	061T0603101	CHIP 100OHM 1/16W
R721	061T0603101	CHIP 100OHM 1/16W
R702	061T0603101	CHIP 100OHM 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
R1002	061T0603102	CHIP 1K OHM 1/16W
R1004	061T0603102	CHIP 1K OHM 1/16W
R1005	061T0603102	CHIP 1K OHM 1/16W
R183	061T0603102	CHIP 1K OHM 1/16W
R426	061T0603102	CHIP 1K OHM 1/16W
R427	061T0603102	CHIP 1K OHM 1/16W
R435	061T0603102	CHIP 1K OHM 1/16W
R500	061T0603102	CHIP 1K OHM 1/16W
R501	061T0603102	CHIP 1K OHM 1/16W
R513	061T0603102	CHIP 1K OHM 1/16W
R909	061T0603102	CHIP 1K OHM 1/16W
R932	061T0603102	CHIP 1K OHM 1/16W
R976	061T0603102	CHIP 1K OHM 1/16W
R998	061T0603102	CHIP 1K OHM 1/16W
R985	061T0603102	CHIP 1K OHM 1/16W
R1011	061T0603102	CHIP 1K OHM 1/16W
R900	061T0603102	CHIP 1K OHM 1/16W
C4K6	061T0603102	CHIP 1K OHM 1/16W
R4L9	061T0603102	CHIP 1K OHM 1/16W
R437	061T0603102	CHIP 1K OHM 1/16W
R439	061T0603102	CHIP 1K OHM 1/16W
R441	061T0603102	CHIP 1K OHM 1/16W
R462	061T0603102	CHIP 1K OHM 1/16W
R467	061T0603102	CHIP 1K OHM 1/16W
R4A3	061T0603102	CHIP 1K OHM 1/16W
R4F8	061T0603102	CHIP 1K OHM 1/16W
R4F9	061T0603102	CHIP 1K OHM 1/16W
R4M2	061T0603102	CHIP 1K OHM 1/16W
R4M4	061T0603102	CHIP 1K OHM 1/16W
C947	061T0603102	CHIP 1K OHM 1/16W
R995	061T0603103	CHIP 10KOHM 1/16W
R994	061T0603103	CHIP 10KOHM 1/16W
R978	061T0603103	CHIP 10KOHM 1/16W
R4F5	061T0603103	CHIP 10KOHM 1/16W
R4F4	061T0603103	CHIP 10KOHM 1/16W
R4F3	061T0603103	CHIP 10KOHM 1/16W
R4F2	061T0603103	CHIP 10KOHM 1/16W
R4F1	061T0603103	CHIP 10KOHM 1/16W
R4F0	061T0603103	CHIP 10KOHM 1/16W
R4E9	061T0603103	CHIP 10KOHM 1/16W
R4D9	061T0603103	CHIP 10KOHM 1/16W
R489	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
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
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
R4Q3	061T0603103	CHIP 10KOHM 1/16W
R4Q2	061T0603103	CHIP 10KOHM 1/16W
R4P8	061T0603103	CHIP 10KOHM 1/16W
R4N1	061T0603103	CHIP 10KOHM 1/16W
R4L8	061T0603103	CHIP 10KOHM 1/16W
R4K4	061T0603103	CHIP 10KOHM 1/16W
R4K3	061T0603103	CHIP 10KOHM 1/16W
R4J9	061T0603103	CHIP 10KOHM 1/16W
R4J2	061T0603103	CHIP 10KOHM 1/16W
R4F6	061T0603103	CHIP 10KOHM 1/16W
R110	061T0603104	CHIP 100K OHM 1/16W
R111	061T0603104	CHIP 100K OHM 1/16W
R160	061T0603104	CHIP 100K OHM 1/16W
R162	061T0603104	CHIP 100K OHM 1/16W
R163	061T0603104	CHIP 100K OHM 1/16W
R164	061T0603104	CHIP 100K OHM 1/16W
R165	061T0603104	CHIP 100K OHM 1/16W
R166	061T0603104	CHIP 100K OHM 1/16W
R167	061T0603104	CHIP 100K OHM 1/16W
R168	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
R4Q6	061T0603104	CHIP 100K OHM 1/16W
R4Q7	061T0603104	CHIP 100K OHM 1/16W
R1001	061T0603104	CHIP 100K OHM 1/16W
R4G0	061T0603105	CHIP 1MOHM 1/16W
R719	061T0603105	CHIP 1MOHM 1/16W
R4F7	061T0603106	RST CHIPR 10 MOHM +-5% 1/10W
R929	061T0603150	RST CHIPR 15 OHM +-5% 1/10W
R926	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R927	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R928	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R980	061T0603151	RST CHIPR 150 OHM +-5% 1/10W
R197	061T0603152	CHIP 1.5KOHM 1/16W
R198	061T0603152	CHIP 1.5KOHM 1/16W
R4A1	061T0603180	RST CHIPR 18 OHM +-5% 1/10W
R4A0	061T0603180	RST CHIPR 18 OHM +-5% 1/10W
R713	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R717	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R722	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R954	061T0603202	RST CHIPR 2 KOHM +-5% 1/10W
R604	061T0603203	CHIPR 20K OHM+-5% 1/10W
R603	061T0603203	CHIPR 20K OHM+-5% 1/10W
R602	061T0603203	CHIPR 20K OHM+-5% 1/10W

R600	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
R185	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
R186	061T0603223	CHIP 22KOHM 1/16W
R187	061T0603223	CHIP 22KOHM 1/16W
R188	061T0603223	CHIP 22KOHM 1/16W
R189	061T0603223	CHIP 22KOHM 1/16W
R190	061T0603223	CHIP 22KOHM 1/16W
R191	061T0603223	CHIP 22KOHM 1/16W
R192	061T0603223	CHIP 22KOHM 1/16W
R193	061T0603223	CHIP 22KOHM 1/16W
R194	061T0603223	CHIP 22KOHM 1/16W
R195	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
R4Q0	061T0603274	RST CHIPR 270 KOHM +-5% 1/10W
R4Q1	061T0603274	RST CHIPR 270 KOHM +-5% 1/10W
R946	061T0603302	CHIP 3K OHM 5% 1/16
R4N8	061T0603330	CHIP 33OHM 1/16W
R4N9	061T0603330	CHIP 33OHM 1/16W
R4P0	061T0603330	CHIP 33OHM 1/16W
R4P1	061T0603330	CHIP 33OHM 1/16W
R4P2	061T0603330	CHIP 33OHM 1/16W
R4P3	061T0603330	CHIP 33OHM 1/16W
R4P4	061T0603330	CHIP 33OHM 1/16W
R4P5	061T0603330	CHIP 33OHM 1/16W
R4N7	061T0603330	CHIP 33OHM 1/16W
R4N6	061T0603330	CHIP 33OHM 1/16W
R507	061T0603330	CHIP 33OHM 1/16W
R506	061T0603330	CHIP 33OHM 1/16W
R505	061T0603330	CHIP 33OHM 1/16W
R504	061T0603330	CHIP 33OHM 1/16W
R503	061T0603330	CHIP 33OHM 1/16W
R416	061T0603330	CHIP 33OHM 1/16W
R960	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R922	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R921	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R918	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R4G1	061T0603331	RST CHIPR 330 OHM +-5% 1/10W

R1J4	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J6	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J8	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R502	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R908	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R924	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R925	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%
R703	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R704	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R705	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R706	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R707	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R710	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R711	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R712	061T0603470	RST CHIPR 47 OHM +-5% 1/10W
R428	061T0603472	CHIP 4.7KOHM 1/16W
R406	061T0603472	CHIP 4.7KOHM 1/16W
R405	061T0603472	CHIP 4.7KOHM 1/16W
R404	061T0603472	CHIP 4.7KOHM 1/16W
R403	061T0603472	CHIP 4.7KOHM 1/16W
R401	061T0603472	CHIP 4.7KOHM 1/16W
R1J9	061T0603472	CHIP 4.7KOHM 1/16W
R1J7	061T0603472	CHIP 4.7KOHM 1/16W
R1J5	061T0603472	CHIP 4.7KOHM 1/16W
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
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
R1009	061T0603472	CHIP 4.7KOHM 1/16W
R1008	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
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
R458	061T0603472	CHIP 4.7KOHM 1/16W
R440	061T0603472	CHIP 4.7KOHM 1/16W
R438	061T0603472	CHIP 4.7KOHM 1/16W
R436	061T0603472	CHIP 4.7KOHM 1/16W
R434	061T0603472	CHIP 4.7KOHM 1/16W

R433	061T0603472	CHIP 4.7KOHM 1/16W
R432	061T0603472	CHIP 4.7KOHM 1/16W
R430	061T0603472	CHIP 4.7KOHM 1/16W
R429	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
R469	061T0603499 9F	RST CHIPR 49.9 OHM +-1% 1/10W
R465	061T0603499 9F	RST CHIPR 49.9 OHM +-1% 1/10W
R934	061T0603510	RST CHIPR 51 OHM +-5% 1/10W
R945	061T0603511 1F	RST CHIPR 5.11 KOHM +-1% 1/10W
R4B4	061T0603511 1F	RST CHIPR 5.11 KOHM +-1% 1/10W
R608	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R607	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R606	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R605	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R4Q5	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R4Q4	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R4K6	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R4K5	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
R1D0	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R720	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
R723	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
R950	061T0603750	75OHM
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%

R1E5	061T0603750 9F	CHIP 75OHM 1/16W 1%
R490	061T0603750 9F	CHIP 75OHM 1/16W 1%
R492	061T0603750 9F	CHIP 75OHM 1/16W 1%
R4K9	061T0603750 9F	CHIP 75OHM 1/16W 1%
R494	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D8	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D7	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D6	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D5	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D4	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D3	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D2	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D1	061T0603750 9F	CHIP 75OHM 1/16W 1%
R126	061T0603750 9F	CHIP 75OHM 1/16W 1%
R124	061T0603750 9F	CHIP 75OHM 1/16W 1%
R125	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1000	061T0603820 0F	RST CHIPR 820 OHM +-1% 1/10W
R4A2	061T0603820 0F	RST CHIPR 820 OHM +-1% 1/10W
R601	061T0603823	RST CHIPR 82 KOHM +-5% 1/10W
FB911	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
FB912	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
FB913	061T0805000	RST CHIPR 0 OHM +-5% 1/8W
FB607	061T0805301	RST CHIP 300R 1/8W 5%
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
C945	065T0603101 32	CHIP 100PF 50V X7R
C948	065T0603101 32	CHIP 100PF 50V X7R
C762	065T0603101 32	CHIP 100PF 50V X7R
C758	065T0603101 32	CHIP 100PF 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
C735	065T0603102 32	CHIP 1000PF 50V X7R
C716	065T0603102 32	CHIP 1000PF 50V X7R
C708	065T0603102 32	CHIP 1000PF 50V X7R
C500	065T0603102 32	CHIP 1000PF 50V X7R
C4B3	065T0603102 32	CHIP 1000PF 50V X7R
C974	065T0603103 32	CHIP 0.01UF 50V X7R
C975	065T0603103 32	CHIP 0.01UF 50V X7R
C976	065T0603103 32	CHIP 0.01UF 50V X7R
C977	065T0603103 32	CHIP 0.01UF 50V X7R
C978	065T0603103 32	CHIP 0.01UF 50V X7R
C979	065T0603103 32	CHIP 0.01UF 50V X7R
C980	065T0603103 32	CHIP 0.01UF 50V X7R
C981	065T0603103 32	CHIP 0.01UF 50V X7R
C982	065T0603103 32	CHIP 0.01UF 50V X7R

C760	065T0603103 32	CHIP 0.01UF 50V X7R
C759	065T0603103 32	CHIP 0.01UF 50V X7R
C757	065T0603103 32	CHIP 0.01UF 50V X7R
C742	065T0603103 32	CHIP 0.01UF 50V X7R
C739	065T0603103 32	CHIP 0.01UF 50V X7R
C721	065T0603103 32	CHIP 0.01UF 50V X7R
C720	065T0603103 32	CHIP 0.01UF 50V X7R
C719	065T0603103 32	CHIP 0.01UF 50V X7R
C718	065T0603103 32	CHIP 0.01UF 50V X7R
C441	065T0603103 32	CHIP 0.01UF 50V X7R
C973	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
C710	065T0603103 32	CHIP 0.01UF 50V X7R
C709	065T0603103 32	CHIP 0.01UF 50V X7R
C704	065T0603103 32	CHIP 0.01UF 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
C4A7	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
C970	065T0603103 32	CHIP 0.01UF 50V X7R
C971	065T0603103 32	CHIP 0.01UF 50V X7R
C972	065T0603103 32	CHIP 0.01UF 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
C4H9	065T0603104 32	CHIP 0.1UF 50V X7R
C4H8	065T0603104 32	CHIP 0.1UF 50V X7R
C4H7	065T0603104 32	CHIP 0.1UF 50V X7R
C4H6	065T0603104 32	CHIP 0.1UF 50V X7R
C4H5	065T0603104 32	CHIP 0.1UF 50V X7R
C4H4	065T0603104 32	CHIP 0.1UF 50V X7R
C4H3	065T0603104 32	CHIP 0.1UF 50V X7R
C4H1	065T0603104 32	CHIP 0.1UF 50V X7R
C517	065T0603104 32	CHIP 0.1UF 50V X7R
C516	065T0603104 32	CHIP 0.1UF 50V X7R
C515	065T0603104 32	CHIP 0.1UF 50V X7R
C514	065T0603104 32	CHIP 0.1UF 50V X7R
C513	065T0603104 32	CHIP 0.1UF 50V X7R
C512	065T0603104 32	CHIP 0.1UF 50V X7R
C511	065T0603104 32	CHIP 0.1UF 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
C4F5	065T0603104 32	CHIP 0.1UF 50V X7R

C4D8	065T0603104 32	CHIP 0.1UF 50V X7R
C4D7	065T0603104 32	CHIP 0.1UF 50V X7R
C4D6	065T0603104 32	CHIP 0.1UF 50V X7R
C4B9	065T0603104 32	CHIP 0.1UF 50V X7R
C4A9	065T0603104 32	CHIP 0.1UF 50V X7R
C4A6	065T0603104 32	CHIP 0.1UF 50V X7R
C4A5	065T0603104 32	CHIP 0.1UF 50V X7R
C4A3	065T0603104 32	CHIP 0.1UF 50V X7R
C499	065T0603104 32	CHIP 0.1UF 50V X7R
C481	065T0603104 32	CHIP 0.1UF 50V X7R
C480	065T0603104 32	CHIP 0.1UF 50V X7R
C479	065T0603104 32	CHIP 0.1UF 50V X7R
C478	065T0603104 32	CHIP 0.1UF 50V X7R
C4F2	065T0603104 32	CHIP 0.1UF 50V X7R
C4F0	065T0603104 32	CHIP 0.1UF 50V X7R
C4E9	065T0603104 32	CHIP 0.1UF 50V X7R
C4E8	065T0603104 32	CHIP 0.1UF 50V X7R
C4E7	065T0603104 32	CHIP 0.1UF 50V X7R
C4E6	065T0603104 32	CHIP 0.1UF 50V X7R
C4E5	065T0603104 32	CHIP 0.1UF 50V X7R
C4E4	065T0603104 32	CHIP 0.1UF 50V X7R
C4E3	065T0603104 32	CHIP 0.1UF 50V X7R
C4E2	065T0603104 32	CHIP 0.1UF 50V X7R
C4E1	065T0603104 32	CHIP 0.1UF 50V X7R
C4E0	065T0603104 32	CHIP 0.1UF 50V X7R
C4D9	065T0603104 32	CHIP 0.1UF 50V X7R
C922	065T0603104 32	CHIP 0.1UF 50V X7R
C921	065T0603104 32	CHIP 0.1UF 50V X7R
C920	065T0603104 32	CHIP 0.1UF 50V X7R
C919	065T0603104 32	CHIP 0.1UF 50V X7R
C918	065T0603104 32	CHIP 0.1UF 50V X7R
C917	065T0603104 32	CHIP 0.1UF 50V X7R
C916	065T0603104 32	CHIP 0.1UF 50V X7R
C915	065T0603104 32	CHIP 0.1UF 50V X7R
C906	065T0603104 32	CHIP 0.1UF 50V X7R
C904	065T0603104 32	CHIP 0.1UF 50V X7R
C901	065T0603104 32	CHIP 0.1UF 50V X7R
C756	065T0603104 32	CHIP 0.1UF 50V X7R
C755	065T0603104 32	CHIP 0.1UF 50V X7R
R4P9	065T0603104 32	CHIP 0.1UF 50V X7R
C990	065T0603104 32	CHIP 0.1UF 50V X7R
C989	065T0603104 32	CHIP 0.1UF 50V X7R
C988	065T0603104 32	CHIP 0.1UF 50V X7R
C966	065T0603104 32	CHIP 0.1UF 50V X7R
C959	065T0603104 32	CHIP 0.1UF 50V X7R
C958	065T0603104 32	CHIP 0.1UF 50V X7R
C957	065T0603104 32	CHIP 0.1UF 50V X7R
C953	065T0603104 32	CHIP 0.1UF 50V X7R
C950	065T0603104 32	CHIP 0.1UF 50V X7R
C949	065T0603104 32	CHIP 0.1UF 50V X7R
C942	065T0603104 32	CHIP 0.1UF 50V X7R
C923	065T0603104 32	CHIP 0.1UF 50V X7R
C754	065T0603104 32	CHIP 0.1UF 50V X7R
C536	065T0603104 32	CHIP 0.1UF 50V X7R
C531	065T0603104 32	CHIP 0.1UF 50V X7R
C528	065T0603104 32	CHIP 0.1UF 50V X7R
C527	065T0603104 32	CHIP 0.1UF 50V X7R

C526	065T0603104 32	CHIP 0.1UF 50V X7R
C525	065T0603104 32	CHIP 0.1UF 50V X7R
C524	065T0603104 32	CHIP 0.1UF 50V X7R
C523	065T0603104 32	CHIP 0.1UF 50V X7R
C522	065T0603104 32	CHIP 0.1UF 50V X7R
C521	065T0603104 32	CHIP 0.1UF 50V X7R
C520	065T0603104 32	CHIP 0.1UF 50V X7R
C519	065T0603104 32	CHIP 0.1UF 50V X7R
C518	065T0603104 32	CHIP 0.1UF 50V X7R
C752	065T0603104 32	CHIP 0.1UF 50V X7R
C751	065T0603104 32	CHIP 0.1UF 50V X7R
C737	065T0603104 32	CHIP 0.1UF 50V X7R
C734	065T0603104 32	CHIP 0.1UF 50V X7R
C717	065T0603104 32	CHIP 0.1UF 50V X7R
C715	065T0603104 32	CHIP 0.1UF 50V X7R
C711	065T0603104 32	CHIP 0.1UF 50V X7R
C707	065T0603104 32	CHIP 0.1UF 50V X7R
C706	065T0603104 32	CHIP 0.1UF 50V X7R
C705	065T0603104 32	CHIP 0.1UF 50V X7R
C695	065T0603104 32	CHIP 0.1UF 50V X7R
C694	065T0603104 32	CHIP 0.1UF 50V X7R
C600	065T0603104 32	CHIP 0.1UF 50V X7R
C402	065T0603104 32	CHIP 0.1UF 50V X7R
C403	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
C401	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
C438	065T0603104 32	CHIP 0.1UF 50V X7R
C439	065T0603104 32	CHIP 0.1UF 50V X7R
C443	065T0603104 32	CHIP 0.1UF 50V X7R
C445	065T0603104 32	CHIP 0.1UF 50V X7R
C446	065T0603104 32	CHIP 0.1UF 50V X7R
C452	065T0603104 32	CHIP 0.1UF 50V X7R
C453	065T0603104 32	CHIP 0.1UF 50V X7R
C454	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
C437	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
C427	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
C900	065T0603105 12	CHIP 1UF 16V 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
C4K7	065T0603152 31	CHIP 1500PF 50V NPO
C4K8	065T0603152 31	CHIP 1500PF 50V NPO
C4K0	065T0603152 32	CHIP 1500PF 50V X7R
C747	065T0603152 32	CHIP 1500PF 50V X7R
C745	065T0603152 32	CHIP 1500PF 50V X7R
C725	065T0603152 32	CHIP 1500PF 50V X7R
C4K1	065T0603152 32	CHIP 1500PF 50V X7R
C913	065T0603220 31	CHIP 22PF 50V NPO
C4F3	065T0603220 31	CHIP 22PF 50V NPO
C4F4	065T0603220 31	CHIP 22PF 50V NPO
C712	065T0603220 31	CHIP 22PF 50V NPO
C713	065T0603220 31	CHIP 22PF 50V NPO
C912	065T0603220 31	CHIP 22PF 50V NPO
C730	065T0603220 31	CHIP 22PF 50V NPO
C723	065T0603220 31	CHIP 22PF 50V NPO
C722	065T0603220 31	CHIP 22PF 50V NPO
C984	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C983	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
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
C1E4	065T0603331 31	CHIP 330PF 50V NPO
C697	065T0603331 31	CHIP 330PF 50V NPO
C501	065T0603392 32	CHIP 3900PF 50V X7R
C502	065T0603393 32	CHIP 0.039UF 50V X7R
C1E5	065T0603470 32	CHIP 47PF 50V X7R
C458	065T0603470 32	CHIP 47PF 50V X7R
C462	065T0603470 32	CHIP 47PF 50V X7R
C703	065T0603470 32	CHIP 47PF 50V X7R
C727	065T0603470 32	CHIP 47PF 50V X7R
C728	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
C456	065T0603474 27	CHIP 0.47UF 25V Y5V
C999	065T0603509 31	CHIP 5PF 50V NPO
C998	065T0603509 31	CHIP 5PF 50V NPO
C997	065T0603509 31	CHIP 5PF 50V NPO
C996	065T0603509 31	CHIP 5PF 50V NPO
C995	065T0603509 31	CHIP 5PF 50V NPO
C994	065T0603509 31	CHIP 5PF 50V NPO
C993	065T0603509 31	CHIP 5PF 50V NPO
C992	065T0603509 31	CHIP 5PF 50V NPO
C991	065T0603509 31	CHIP 5PF 50V NPO
C1000	065T0603509 31	CHIP 5PF 50V NPO
C702	065T0603560 31	CHIP 56PF 50V NPO
C726	065T0603561 31	CHIP 560PF 50V NPO
C746	065T0603561 31	CHIP 560PF 50V NPO
C748	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
C4L0	065T1206106 17	CHIP 10UF 16V Y5V
C4K9	065T1206106 17	CHIP 10UF 16V Y5V
C1001	067T311F101 3T	100UF, M, 16V
C943	067T311F101 4T	EC 105°C 100UF M 25V
C929	067T311F221 2	220UF M 10V SMD
C940	067T311F221 2	220UF M 10V SMD
C954	067T311F221 2	220UF M 10V SMD
C928	067T311F221 2	220UF M 10V SMD
C1A7	067T311F470 1T	EC 105°C 47UF M 6.3V
C1A8	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
C1A9	067T311F470 1T	EC 105°C 47UF M 6.3V
C1B0	067T311F470 1T	EC 105°C 47UF M 6.3V
C909	067T311F470 3T	47UF +-20% 16V SMD
C914	067T311F470 3T	47UF +-20% 16V SMD
C933	067T311F470 3T	47UF +-20% 16V SMD
C934	067T311F470 3T	47UF +-20% 16V SMD
C935	067T311F470 3T	47UF +-20% 16V SMD

C936	067T311F470 3T	47UF +-20% 16V SMD
C937	067T311F470 3T	47UF +-20% 16V SMD
C967	067T311F470 3T	47UF +-20% 16V SMD
C987	067T311F470 3T	47UF +-20% 16V SMD
C905	067T311F470 3T	47UF +-20% 16V SMD
C609	067T311F470 3T	47UF +-20% 16V SMD
C601	067T311F470 3T	47UF +-20% 16V SMD
C535	067T311F470 3T	47UF +-20% 16V SMD
C534	067T311F470 3T	47UF +-20% 16V SMD
C532	067T311F470 3T	47UF +-20% 16V SMD
C530	067T311F470 3T	47UF +-20% 16V SMD
C529	067T311F470 3T	47UF +-20% 16V SMD
C4K2	067T311F470 3T	47UF +-20% 16V SMD
C477	067T311F470 3T	47UF +-20% 16V SMD
C1A4	067T311F470 3T	47UF +-20% 16V SMD
C1A2	067T311F470 3T	47UF +-20% 16V SMD
C1A0	067T311F470 3T	47UF +-20% 16V SMD
C731	067T311F471 3T	47UF +-20% 16V SMD
C732	067T311F471 3T	47UF +-20% 16V SMD
C733	067T311F471 3T	47UF +-20% 16V SMD
C932	067T311F471 3T	47UF +-20% 16V SMD
C424	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C431	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C432	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C469	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C4J3	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C4J8	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C4J9	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C607	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C608	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C612	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C613	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C696	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C724	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C743	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C744	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C924	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C925	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C941	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C423	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C180	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C181	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C182	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C183	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C184	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C185	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C186	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C187	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C188	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C189	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C190	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C191	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C192	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C404	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C405	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C414	067T411F1003XT	EC 105°C CHIP 10UF M 16V

C415	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C416	067T411F1003XT	EC 105°C CHIP 10UF M 16V
C177	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C178	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C179	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C927	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C951	067T411F1013XT	EC 105°C SMD CAP 100UF M 16V
C931	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C930	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C4B8	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C4B7	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C466	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C199	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C198	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C197	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C196	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C195	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C194	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
C193	067T411F2203XT	CAP S105°C 22UF M 16V XINDECO
FB917	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB916	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB915	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB606	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB605	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB604	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB602	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB601	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB411	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB410	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB110	071T 56U601	BEAD 600 OHM
FB106	071T 56U601	BEAD 600 OHM
FB412	071T 57G301 EA	CHIP BEAD
FB910	071T 57G301 EA	CHIP BEAD
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
FB706	071T 57G601	BEAD 1206 600 OHM
FB712	071T 57G601	BEAD 1206 600 OHM
FB713	071T 57G601	BEAD 1206 600 OHM
FB714	071T 57G601	BEAD 1206 600 OHM
FB900	071T 57G601	BEAD 1206 600 OHM
FB600	071T 57G601	BEAD 1206 600 OHM
FB503	071T 57G601	BEAD 1206 600 OHM
FB502	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
FB126	071T 57G601	BEAD 1206 600 OHM
FB125	071T 57G601	BEAD 1206 600 OHM

FB901	071T 57G601	BEAD 1206 600 OHM
FB902	071T 57G601	BEAD 1206 600 OHM
FB904	071T 57G601	BEAD 1206 600 OHM
FB909	071T 57G601	BEAD 1206 600 OHM
FB918	071T 57G601	BEAD 1206 600 OHM
FB932	071T 57G601	BEAD 1206 600 OHM
FB933	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
FB115	071T 59B121	BEAD 0603 120 OHM
FB116	071T 59B121	BEAD 0603 120 OHM
FB117	071T 59B121	BEAD 0603 120 OHM
FB118	071T 59B121	BEAD 0603 120 OHM
FB119	071T 59B121	BEAD 0603 120 OHM
FB120	071T 59B121	BEAD 0603 120 OHM
FB121	071T 59B121	BEAD 0603 120 OHM
FB122	071T 59B121	BEAD 0603 120 OHM
FB123	071T 59B121	BEAD 0603 120 OHM
FB124	071T 59B121	BEAD 0603 120 OHM
FB130	071T 59B121	BEAD 0603 120 OHM
FB131	071T 59B121	BEAD 0603 120 OHM
FB114	071T 59B121	BEAD 0603 120 OHM
FB100	071T 59B121	BEAD 0603 120 OHM
FB101	071T 59B121	BEAD 0603 120 OHM
FB102	071T 59B121	BEAD 0603 120 OHM
FB103	071T 59B121	BEAD 0603 120 OHM
FB104	071T 59B121	BEAD 0603 120 OHM
FB105	071T 59B121	BEAD 0603 120 OHM
FB107	071T 59B121	BEAD 0603 120 OHM
FB108	071T 59B121	BEAD 0603 120 OHM
FB109	071T 59B121	BEAD 0603 120 OHM
FB111	071T 59B121	BEAD 0603 120 OHM
FB112	071T 59B121	BEAD 0603 120 OHM
FB113	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
L710	073T 8533810K	CHIP INDUCTOR 0.33UH 10% 0805
L711	073T 8533810K	CHIP INDUCTOR 0.33UH 10% 0805
L707	073T 12618910M	CHIP INDUCTOR 1206 1.8UH+-10% MICROGATE
L901	073T253S 3 B	IND SMD 33.0UH+-20% BULL WILL
L902	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 HA	HDMI CONNECTOR
CN906	088T 340 19 HA	HDMI CONNECTOR
ZD118	093T 39147	TZMC 5V6
ZD119	093T 39147	TZMC 5V6
ZD120	093T 39147	TZMC 5V6
ZD121	093T 39147	TZMC 5V6
ZD125	093T 39147	TZMC 5V6

ZD126	093T 39147	TZMC 5V6
ZD133	093T 39147	TZMC 5V6
ZD134	093T 39147	TZMC 5V6
ZD135	093T 39147	TZMC 5V6
ZD138	093T 39147	TZMC 5V6
ZD139	093T 39147	TZMC 5V6
ZD140	093T 39147	TZMC 5V6
ZD141	093T 39147	TZMC 5V6
ZD142	093T 39147	TZMC 5V6
ZD143	093T 39147	TZMC 5V6
ZD144	093T 39147	TZMC 5V6
ZD145	093T 39147	TZMC 5V6
ZD146	093T 39147	TZMC 5V6
ZD147	093T 39147	TZMC 5V6
ZD148	093T 39147	TZMC 5V6
ZD149	093T 39147	TZMC 5V6
ZD600	093T 39147	TZMC 5V6
ZD118	093T 39147SEM	ZMM5V6
ZD119	093T 39147SEM	ZMM5V6
ZD120	093T 39147SEM	ZMM5V6
ZD121	093T 39147SEM	ZMM5V6
ZD125	093T 39147SEM	ZMM5V6
ZD126	093T 39147SEM	ZMM5V6
ZD133	093T 39147SEM	ZMM5V6
ZD134	093T 39147SEM	ZMM5V6
ZD135	093T 39147SEM	ZMM5V6
ZD138	093T 39147SEM	ZMM5V6
ZD139	093T 39147SEM	ZMM5V6
ZD140	093T 39147SEM	ZMM5V6
ZD141	093T 39147SEM	ZMM5V6
ZD142	093T 39147SEM	ZMM5V6
ZD143	093T 39147SEM	ZMM5V6
ZD144	093T 39147SEM	ZMM5V6
ZD145	093T 39147SEM	ZMM5V6
ZD146	093T 39147SEM	ZMM5V6
ZD147	093T 39147SEM	ZMM5V6
ZD148	093T 39147SEM	ZMM5V6
ZD149	093T 39147SEM	ZMM5V6
ZD600	093T 39147SEM	ZMM5V6
ZD100	093T 60230	BAT54C BY MCC
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
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
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
ZD113	093T 64 37 N	V-PORT-0603-100K V05
ZD111	093T 64 37 N	V-PORT-0603-100K V05
ZD110	093T 64 37 N	V-PORT-0603-100K V05

ZD106	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
ZD103	093T 6433P	BAV99
ZD108	093T 6433P	BAV99
ZD109	093T 6433P	BAV99
ZD122	093T 6433P	BAV99
ZD123	093T 6433P	BAV99
ZD132	093T 6433P	BAV99
ZD131	093T 6433P	BAV99
ZD130	093T 6433P	BAV99
ZD128	093T 6433P	BAV99
ZD124	093T 6433P	BAV99
ZD900	093T3004 1	SMAL340XXXRO 3A 40V SMA FULL P
ZD901	093T3004 1	SMAL340XXXRO 3A 40V SMA FULL P
	715T2300 1	MAIN BOARD PCB
R03	061T0603101	CHIP 100OHM 1/16W
R04	061T0603101	CHIP 100OHM 1/16W
C05	065T0603104 32	CHIP 0.1UF 50V X7R
C04	065T0603104 32	CHIP 0.1UF 50V X7R
	715T2175 1	IR BOARD PCB
R01	061T0603101	CHIP 100OHM 1/16W
R02	061T0603153	RST CHIPR 15 KOHM +-5% 1/10W
C03	065T0603104 32	CHIP 0.1UF 50V X7R
C01	065T0805475 15	CHIP 4.7UF 16V X5R
	715T2174 2	IR BOARD PCB
CN21	033T8032 8S	WAFER
C26	065T0603104 32	CHIP 0.1UF 50V X7R
C22	065T0603104 32	CHIP 0.1UF 50V X7R
C21	065T0603104 32	CHIP 0.1UF 50V X7R
C20	065T0603104 32	CHIP 0.1UF 50V X7R
C24	065T0603104 32	CHIP 0.1UF 50V X7R
C23	065T0603104 32	CHIP 0.1UF 50V X7R
C25	065T0603104 32	CHIP 0.1UF 50V X7R
PCB	715T1966 1	KEY BOARD PCB
R112	061T0603000	CHIP 0OHM 1/16W
R111	061T0603000	CHIP 0OHM 1/16W
R113	061T0603000	CHIP 0OHM 1/16W
R001	061T0603473	CHIP 47KOHM 1/16W
R002	061T0603473	CHIP 47KOHM 1/16W
R003	061T0603473	CHIP 47KOHM 1/16W
R004	061T0603473	CHIP 47KOHM 1/16W
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
C102	065T0603101 31	CHIP 100PF 50V NPO
C101	065T0603101 31	CHIP 100PF 50V NPO
C108	065T0603102 32	CHIP 1000PF 50V X7R
C109	065T0603102 32	CHIP 1000PF 50V X7R
FB002	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB001	071T 56G301 EA	CHIP BEAD 300 OHM 0805
ZD001	093T 39147	TZMC 5V6
ZD001	093T 39147SEM	ZMM5V6
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
PCB	715T1967 1	SIDE BOARD PCB
L903	006T 31 4	1.7MM RIVET
BD901	006T 31 4	1.7MM RIVET
L907	006T 31 4	1.7MM RIVET
T901	006T 31 4	1.7MM RIVET
CN901	006T 31500	EYELET
L905	006T 31500	EYELET
D901	006T 31500	EYELET
C907	006T 31500	EYELET
C906	006T 31500	EYELET
L901	006T 31502	1.5MM RIVET
RV901	006T 31502	1.5MM RIVET
C910	006T 31502	1.5MM RIVET
C911	006T 31502	1.5MM RIVET
Q902	006T 31502	1.5MM RIVET
Q900	006T 31502	1.5MM RIVET
C980	006T 31502	1.5MM RIVET
T903	006T 31502	1.5MM RIVET
NR901	006T 31502	1.5MM RIVET
L911	006T 31502	1.5MM RIVET
L902	006T 31502	1.5MM RIVET
IC911	056T 158 12	KIA431A-AT/P
IC921	056T 158 12	KIA431A-AT/P
SCR901	057T 566 1	2N5060RLRAG TO-92 BY ON
R932	061T 17210252T	RST CFR 1KOHM +-5% 1/4W
R997	061T 17247152T	470OHM 5% 1/4W
R937	061T 60110352T	RST CFR 10KOHM +-2% 1/6W
R994	061T 60215252T	CFR 1.5K OHM+-5% 1/6W
R926	061T 60220352T	CFR 20K OHM+-5% 1/6W
R911	061T 60233152T	330 OHM +-5% 1/6W
R941	061T 60247152T	470OHM +-5% 1/6W
R983	061T175L47052T	47OHM +-5% 1/2W
R984	061T175L47052T	47OHM +-5% 1/2W
C938	065T 1K102 5T6921	1000PF/1KV
C950	065T 1K152 1T	1.5NF/1KV Z5F+-10%
C930	065T 1K222 2T6921	0.0022UF 1KV +-10%
C111	065T 1M103 3T6921	0.01UF 20% 1000V Y5V
C921	065T 1M103 3T6921	0.01UF 20% 1000V Y5V
C929	065T 1M103 3T6921	0.01UF 20% 1000V Y5V
C974	065T 1M103 3T6921	0.01UF 20% 1000V Y5V
C985	065T 1M103 3T6921	0.01UF 20% 1000V Y5V
C958	065T517K102 5T	1000PF 10% Y5P 500V
C957	065T517K102 5T	1000PF 10% Y5P 500V
C951	067T 2152207NT	KY50VB22M-TP5 5*11
C920	067T 2152207NT	KY50VB22M-TP5 5*11
C913	067T 2152207NT	KY50VB22M-TP5 5*11
C951	067T 2152207RT	22UF +-20%
C920	067T 2152207RT	22UF +-20%
C913	067T 2152207RT	22UF +-20%
C924	067T 2154707NT	47UF 50V NCC 5*11MM
FB901	071T 55 29	BEAD

FB902	071T 55 29	BEAD
FB905	071T 55 29	BEAD
F902	084T 55 2	FUSE
F901	084T 55 4	FUSE 382-5A 250V WICKMANN
ZD903	093T 3917052T	MTZJT-72 27B
ZD904	093T 3917052T	MTZJT-72 27B
D923	093T 64 1152T	1N4148
D900	093T1100 1052T	BA159GPT
D111	093T1100 1052T	BA159GPT
J914	095T 90 23	JUMP WIRE
J913	095T 90 23	JUMP WIRE
J912	095T 90 23	JUMP WIRE
J911	095T 90 23	JUMP WIRE
J910	095T 90 23	JUMP WIRE
J908	095T 90 23	JUMP WIRE
J907	095T 90 23	JUMP WIRE
J906	095T 90 23	JUMP WIRE
J905	095T 90 23	JUMP WIRE
J904	095T 90 23	JUMP WIRE
J903	095T 90 23	JUMP WIRE
J902	095T 90 23	JUMP WIRE
R943	095T 90 23	JUMP WIRE
R989	095T 90 23	JUMP WIRE
J915	095T 90 23	JUMP WIRE
J931	095T 90 23	JUMP WIRE
J932	095T 90 23	JUMP WIRE
J933	095T 90 23	JUMP WIRE
J935	095T 90 23	JUMP WIRE
J936	095T 90 23	JUMP WIRE
J937	095T 90 23	JUMP WIRE
J938	095T 90 23	JUMP WIRE
J939	095T 90 23	JUMP WIRE
J940	095T 90 23	JUMP WIRE
J941	095T 90 23	JUMP WIRE
J942	095T 90 23	JUMP WIRE
J943	095T 90 23	JUMP WIRE
J919	095T 90 23	JUMP WIRE
J920	095T 90 23	JUMP WIRE
J921	095T 90 23	JUMP WIRE
J922	095T 90 23	JUMP WIRE
J923	095T 90 23	JUMP WIRE
J924	095T 90 23	JUMP WIRE
J925	095T 90 23	JUMP WIRE
J926	095T 90 23	JUMP WIRE
J927	095T 90 23	JUMP WIRE
J928	095T 90 23	JUMP WIRE
J929	095T 90 23	JUMP WIRE
J930	095T 90 23	JUMP WIRE
J948	095T 90 23	JUMP WIRE
J949	095T 90 23	JUMP WIRE
J947	095T 90 23	JUMP WIRE
J946	095T 90 23	JUMP WIRE
	715T2178 1	POWER BOARD PCB