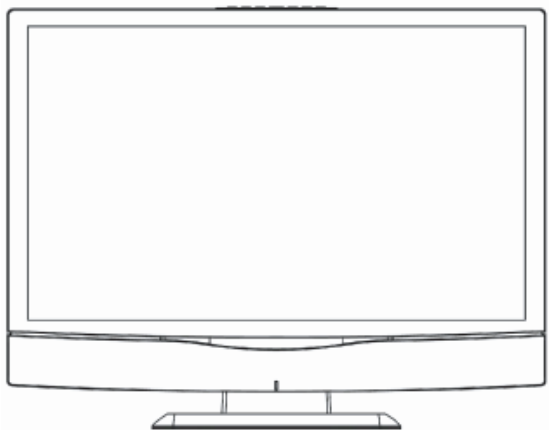


Service
Service
Service

Service Manual

Horizontal Frequency

31- 60 KHz

TABLE OF CONTENTS

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 TRANSFOMER FOR THIS UNIT WHEN SERVICING

TPV AOC EYES VALUE

Revision List

Version	Release Date	Revision History	TPV Model
A00	Nov-25-2006	Initial Release	E376AZNKD2NRNCP

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 may 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 radiation when open AVOID DIRECT EXPOSURE TO BEAM.
CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.
Take care during handling the LCD module with backlight unit
-Must mount the module using mounting holes arranged in four corners.
-Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
-Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
-Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
-Make certain that treatment person's body is grounded through wristband.
-Do not leave the module in high temperature and in areas of high humidity for a long time.
-Avoid contact with water as it may a short circuit within the module.
-If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

1. General Specifications

NOTE:
*This model complies with the specifications listed below.
*Designs and specifications are subject to change without notice.
*This model may not be compatible with features and/or specifications that may be added in the future.

Television System:
NTSC standard
ATSC standard (8-VSB, Clear-QAM)

Channel Coverage:
VHF: 2 through 13
UHF: 14 through 69
Cable TV: Mild band (A-8 through A-1, A through I)

Super band (J through W)
Hyper band (AA through ZZ, AAA, BBB)
Ultra band (65 through 94, 100 through 125)

Power Source:
AC power supply: 100V~240 V, 50/60 Hz

Power Consumption
≤ 220 W
1 W in standby mode (power cord plugged in and power OFF)

Audio Power
10 W + 10 W, Internal Speaker

Video/Audio Terminals:
Side AV include 1 Group:
S-Video/Video/Audio Input
Rear AV include 1 Group:
S-Video/Video/Audio Input

S-VIDEO INPUT:
Y : 1 V(p-p), 75 ohm, negative sync.
C : 0.286 V(p-p) (burst signal), 75 ohm

VIDEO/AUDIO INPUT:
VIDEO: 1 V(p-p), 75 ohm, negative sync.
AUDIO: 150 mV(rms)

Component INPUT:
Rear Component include 2 Groups:
Y : 1V(p-p), 75 ohm, including sync.
Pr/Cr: ±0.35V(p-p), 75 ohm
Pb/Cb: ±0.35V(p-p), 75 ohm
AUDIO: 150 mV(rms)
Suggested resolutions: 1080i, 720p, 480p, 480i

HDMI Terminals:
HDMI INPUT: Rear HDMI include 1 HDMI Input
HDCP compliant
E-EDID compliant
Suggested scan rates: 1080i, 720p, 480p, 480i

VGA Terminals:
VGA INPUT:
Rear VGA include 1 D-SUB 15 Pin Input
E-EDID compliant
Suggested scan rates: 640X480 /60Hz
800x600 /60Hz
1024X768 /60Hz
1360X768 /60Hz
Audio INPUT: Headphone Mini-jack for stereo (3.5Φ)

Video/Audio Output:
VIDEO: 1 V(p-p), 75 ohm, negative sync
AUDIO: 150 mV(rms)

Dimensions:
Include Stand:
951 mm(W) x694 mm(H) x 285mm(L)

Weight: 23 kg(With Stand)

Wall Mounting:optional
VESA 400X200mm

Supplied Accessories:
1pcs Power cord
1pcs Remote control
(with two AA alkaline batteries)
1pcs User manual

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

2. Operations Instructions

2.1 The Use of Remote Control

Remote control button function as follow

"POWER"
Press to power ON/OFF (standby) TV.
(Note:1.TV is never completely power off unless physically unplugged.
2.Press to turn on TV after the Power on status LED had changed to the Green color and stopped flashing.)

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

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

"PC"
Press repeatedly to choose VGA or HDMI source mode (Video 7 ~ 8).

"TV"
Press to choose ATSC/NTSC TV source mode.

"0 ~ 9 /- number"
Press to enter TV channel number to select channel (Press '-' to indicate choosing the sub-channel).

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

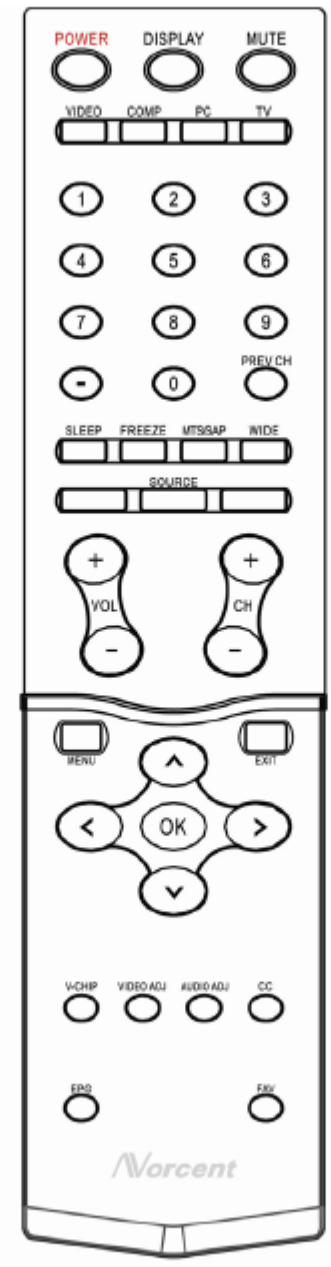
"FREEZE"
Press to freeze the displayed picture

"VOL- / VOL+"
Press + or - to adjust the volume.

"MENU"
Press to open or exit menu.

"∧","∨","<",">","OK"
Press to adjust the various function items on the menu.

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



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

"MUTE"
Press to set TVsound mute ON/OFF

"PREV CH"
Press to display the previous TV

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

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

"SOURCE"
Press repeatedly to choose the various input sources (Video 1 ~ 8).

"CH- / CH +"
Press + or - to browse through the TV channels.

"Exit"
Press to exit menu or OSD.

"VIDEO ADJ"
Press to choose the Brightness or Contrast adjustment.

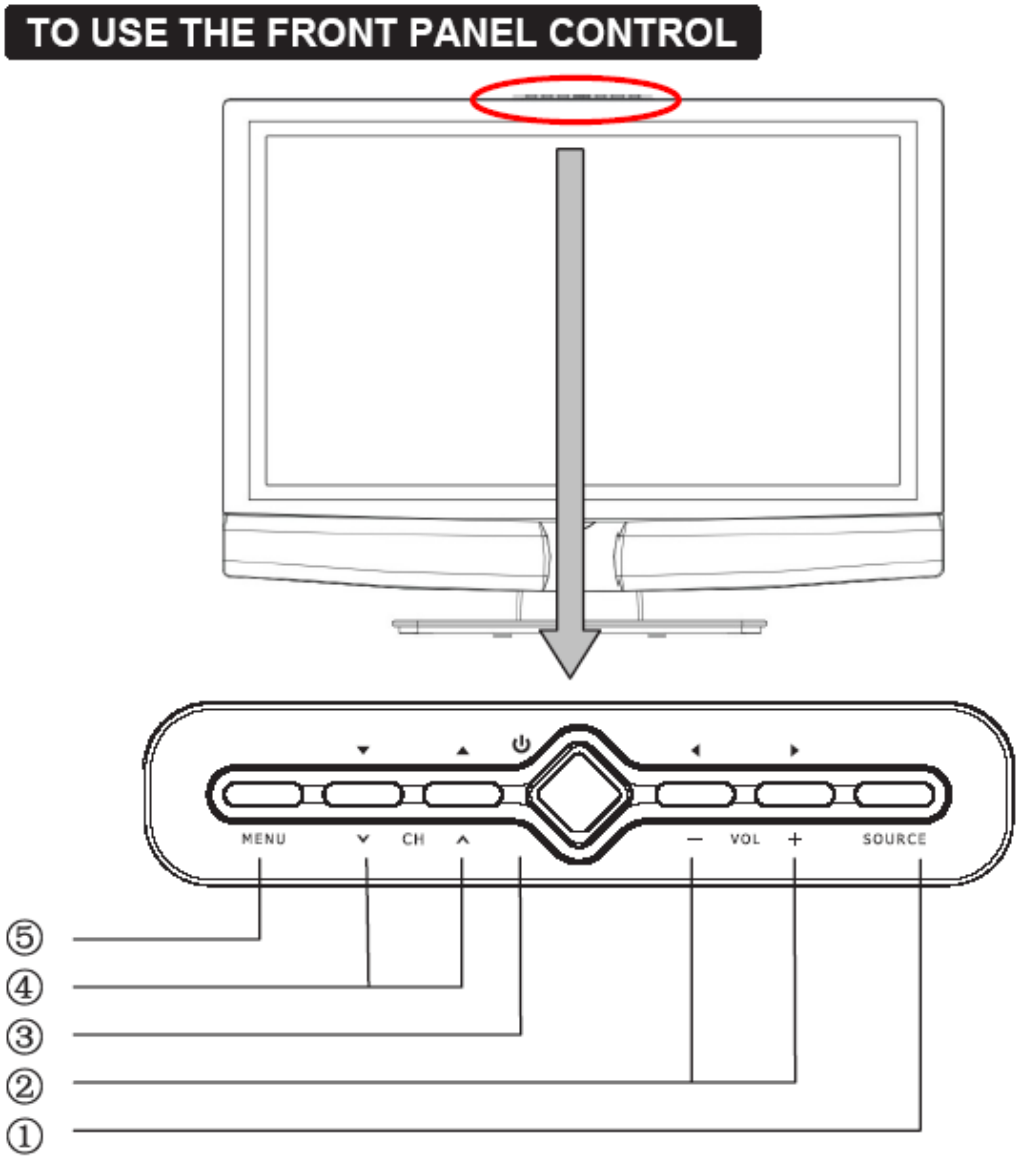
"AUDIO ADJ"
Press to switch the ATSC multi-channel TV sounds.

"CC"
Press repeatedly to change the closed caption type as
CC ON /CC ON WHEN MUTE/CC OFF

"EPG"
Press to show the information the same as "DISPLAY" key.

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

2.2 Front Panel Control Knobs



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

2.3 OSD Operations

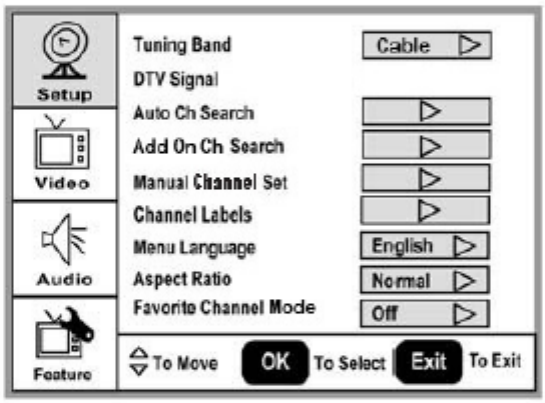
TO USE THE MENUS

1. Press the **MENU** button to display the main menu
2. Use the **cursor up/down** to select a menu item.
3. Use the **cursor left/right** to enter a submenu.
4. Press the **OK** button to enable/disable the function.
5. Press the **MENU** or **EXIT** button to exit the menu.

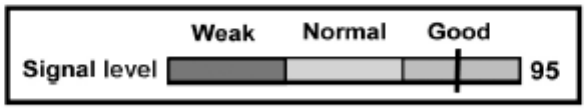
Press the MENU button to enter the main OSD (On Screen Display). Adjust the items including **Setup menu**, **Video menu**, **Audio menu** and **Feature menu**. However, some function items in the menus may only be enabled in the particular source modes.

SETUP MENU

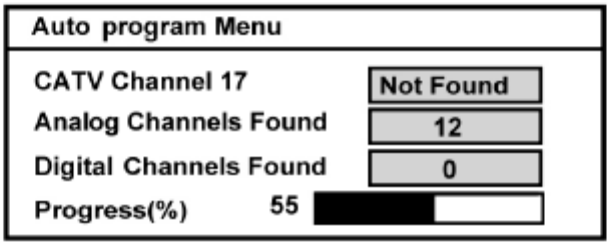
The Setup menu in TV mode shows as below. In others source modes, the Setup menu only shows **Menu Language** and **Aspect Ratio** items.



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



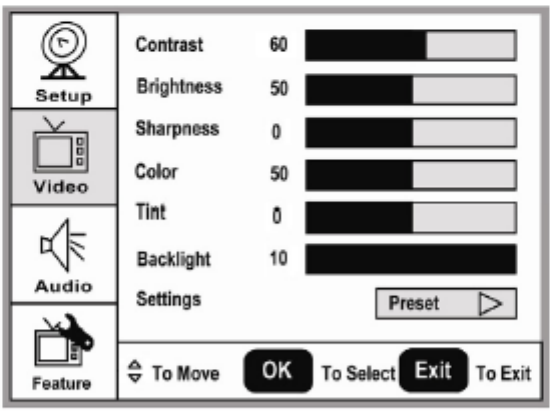
3. **Auto Ch Search**: Automatically scan all NTSC / ATSC TV channels and then store in the channel table. In channel scan process, the OSD can display the number of channels which had been found.



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

VIDEO MENU

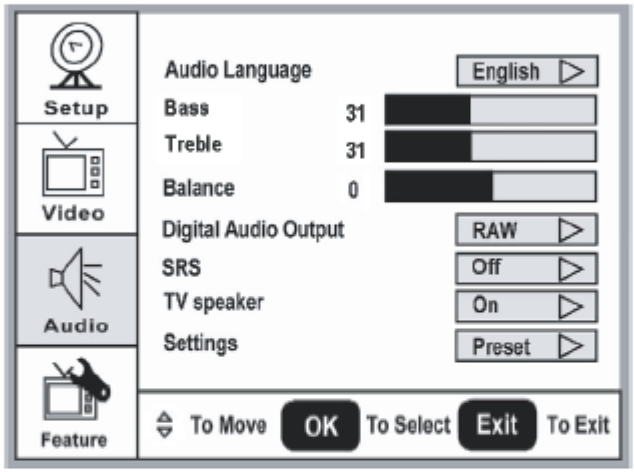
The Video menu in most source modes shows as below. It provides several video adjustment items for user fine tuning the video display. Only in VGA source modes, the Video menu simply provides **Contrast**, **Brightness**, **Back light** and **Settings (Preset)** items.



1. **Contrast**: Video contrast adjustment, the tuning range is 0 ~ 100.
2. **Brightness**: Video brightness adjustment, the tuning range is 0 ~ 100.
3. **Sharpness**: Video sharpness adjustment, the tuning range is -50 ~ 50.
4. **Color**: Video color chroma adjustment, the tuning range is 0 ~ 100.
5. **Tint**: Video tint adjustment, the tuning range is R50 ~ G50.
6. **BackLight**: Back light strength adjustment, the tuning range is 0 ~ 10.
7. **Settings**: Restore the default video settings.

AUDIO MENU

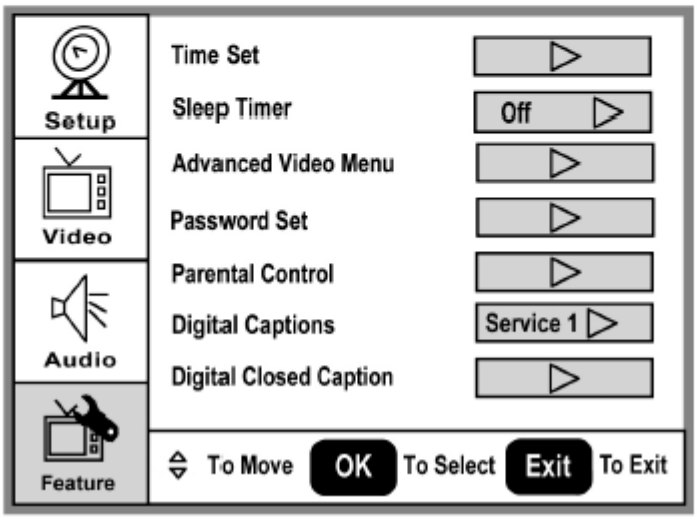
The Audio menu in TV mode shows as below. It provides audio adjustment for user to modify the audio setting. Except in ATSC TV mode, some audio adjustment items for user to modify the audio setting. Excepting in ATSC TV mode, the **Audio Language** option is disable in others source modes. The audio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



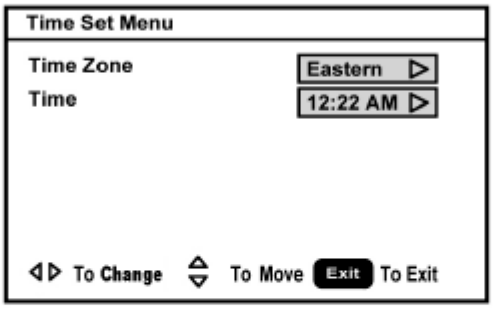
1. **Audio Language**: Change the audio language setting on ATSC TV programs. The number of the supported audio languages depends on the ATSC TV programs.
2. **Bass**: Bass tone adjustment, the tuning range is 0 ~ 63. (The default state is enabled)
3. **Treble**: Treble tone adjustment, the tuning range is 0 ~ 63. (The default state is enabled)
4. **Balance**: Audio balance adjustment, the tuning range is L31 ~ R31.
5. **Digital Audio Output**: Digital audio output format selection, user can choose RAW (default) or PCM format.
6. **SRS**: Choose to turn on / off the SRS sound effect. The default value is Off.
7. **TV Speaker**: Choose to turn on / off the TV internal speaker. The digital audio output signals、earphone output signals and the composite L/R audio output signals will not be turn-off even though the TV speaker is off. The default setting is On.
8. **Settings**: Restore the default audio settings.

FEATURE MENU

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



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



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

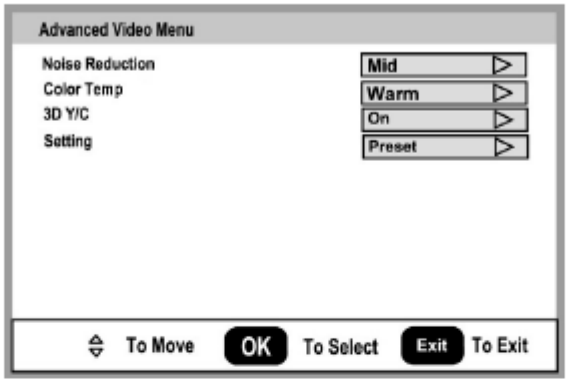
3. **Advanced Video Menu**: Provide the **Noise Reduction** setting、**Color Temperature** and **3D Y/C filter** options for enhancing video quality.

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

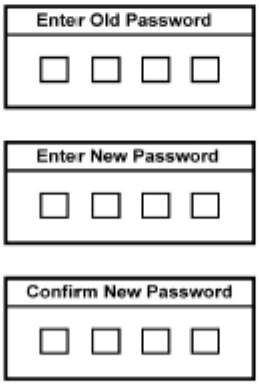
【3D Y/C】provides On / Off switches. The default setting is On.

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

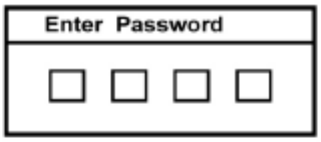
【Setting】restores the default advanced video option settings.

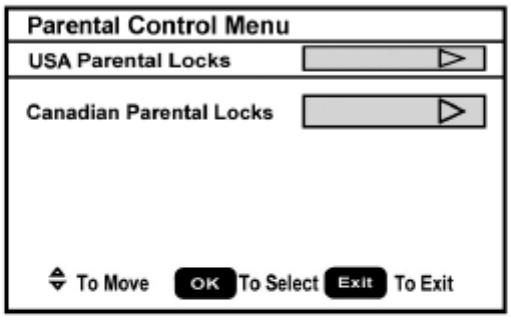


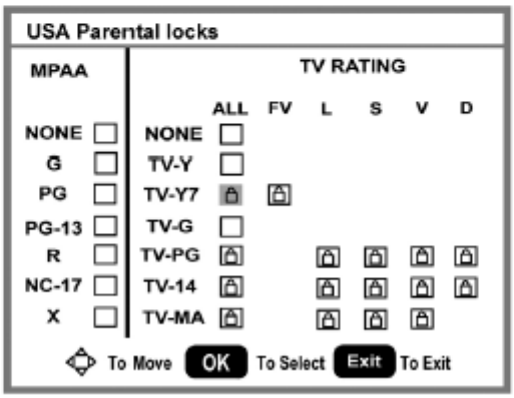
4. **Password Set**: Change the 4-numeral parental control password. Three steps are required for changing the password: *Enter Old Password -> Enter New Password -> Confirm New Password*. Note: This item is only available in TV, Composite and S-Video source modes. The default password is 『*0 0 0 0*』.



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







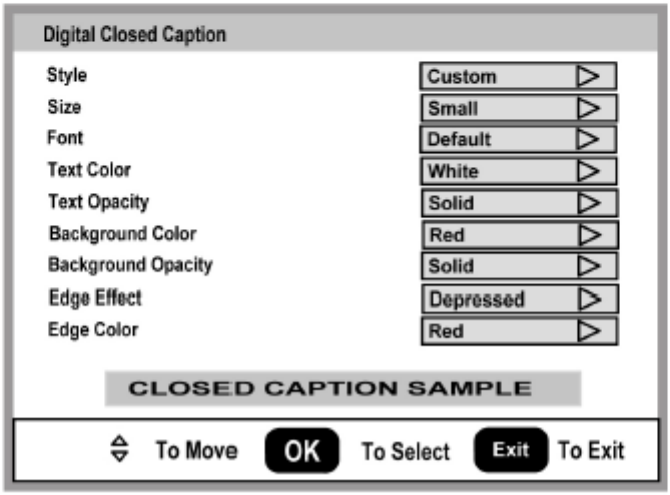
6. **Digital Captions**: Select the close caption options (Service 1-6, Text 1-4 and CC 1-4) in digital TV mode. When select service 1 to service 6 you can modulate parameters in the Digital Close Caption.

7. **Digital Closed Caption**: Provide numerous options for setting the close caption style. In the sub-menu.

【Style】item can be set as Automatic or Custom mode.

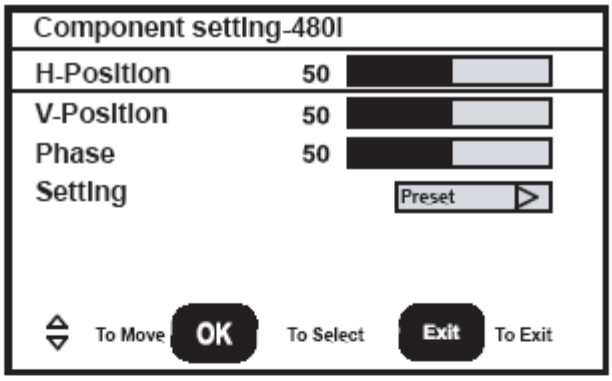
If Custom mode is selected, user can modify the detail styles described below.

The setting result will be shown immediately on the bottom side of the sub-menu OSD. Note: This feature is only available in Digital TV (ATSC) mode.

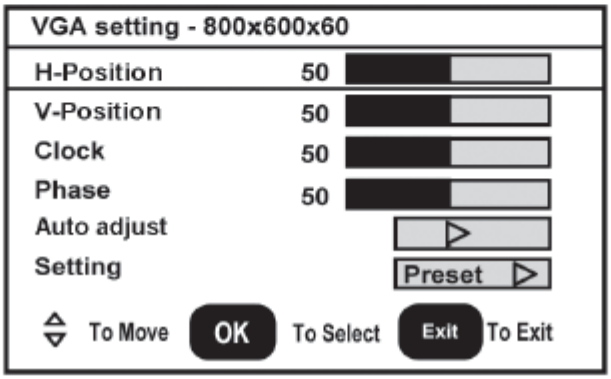


【Size】: Digital close caption font size, which can be set as Small、Normal or Large.
【Font】: Digital close caption font style, which can be chosen as Default or Font 1 ~ 7.
【Text Color】: Giving Red / Green / Blue / Yellow / Magenta / Cyan / Black / White Colors.
【Text Opacity】: Giving Transparent / Translucent / Solid / Flashing modes.
【Background Color】: Giving Red / Green / Blue / Yellow / Magenta / Cyan / Black / White Colors.
【Background Opacity】: Giving Transparent / Translucent / Solid / Flashing modes.
【Edge Effect】: The text edge effects, which gives None / Raised / Depressed / Uniform / Left Shadow / Right Shadow modes.
【Edge Color】: The colors of text edge effects, which provides Red / Green / Blue / Yellow / Magenta / Cyan / Black / White Colors.

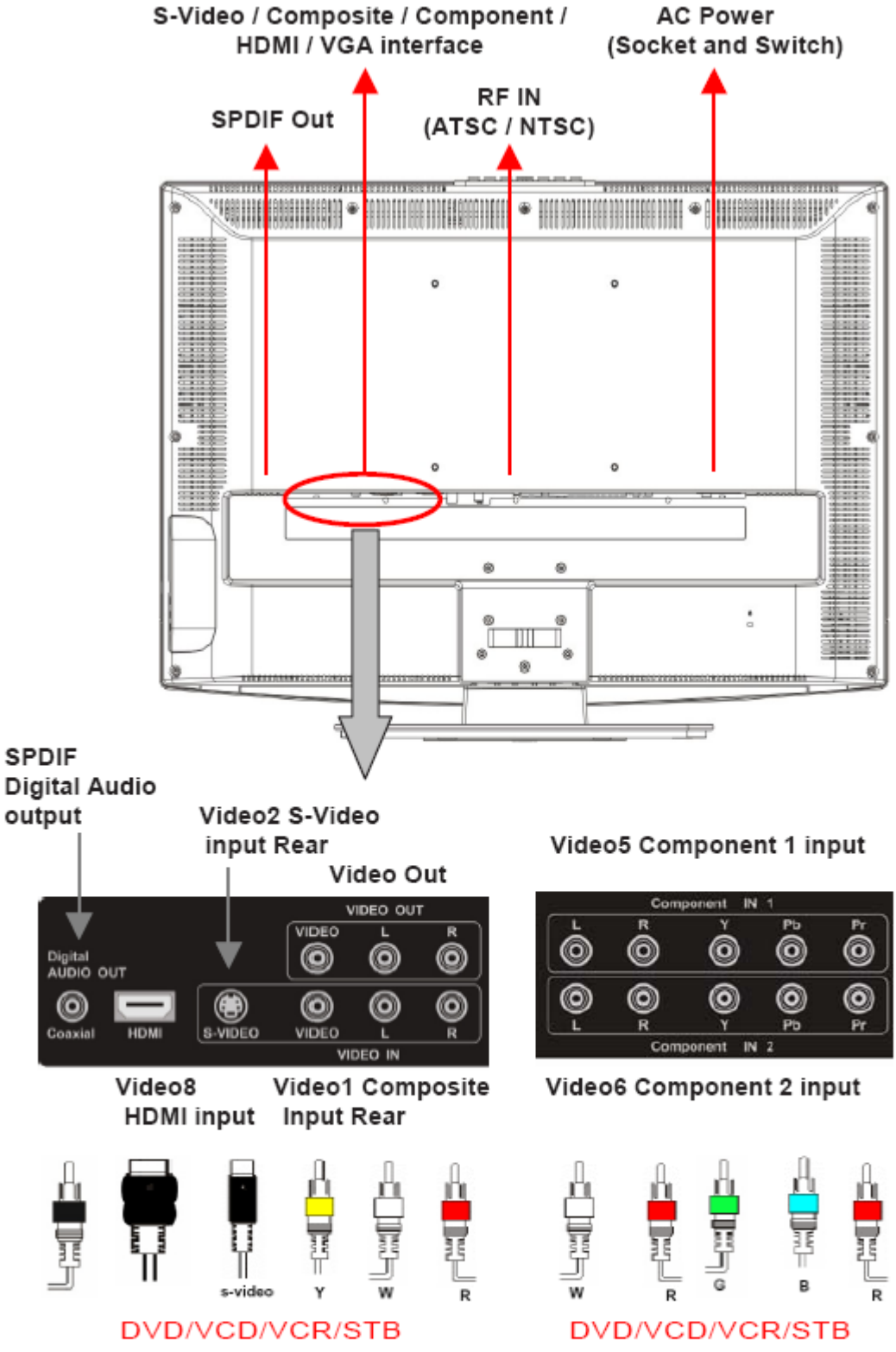
8. **Component Set**: This option only shows and is available in component mode, which provides fine tuning component display, such as: 【H-Position】、【V-Position】and【Phase】. All these items are giving the tuning range from 0 to 100.【Setting】item providesthe default componentsetting values restoring.



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



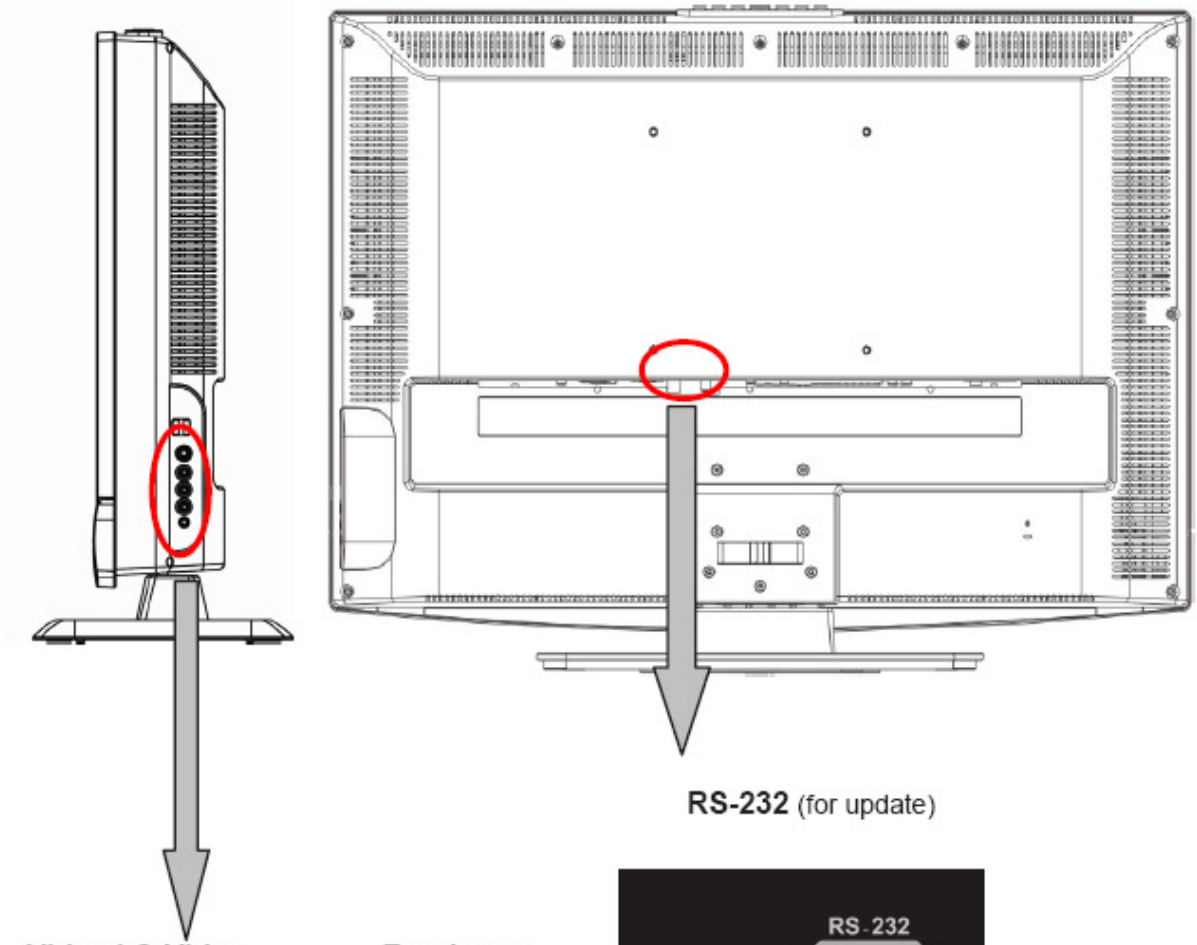
2.4 How to Connect



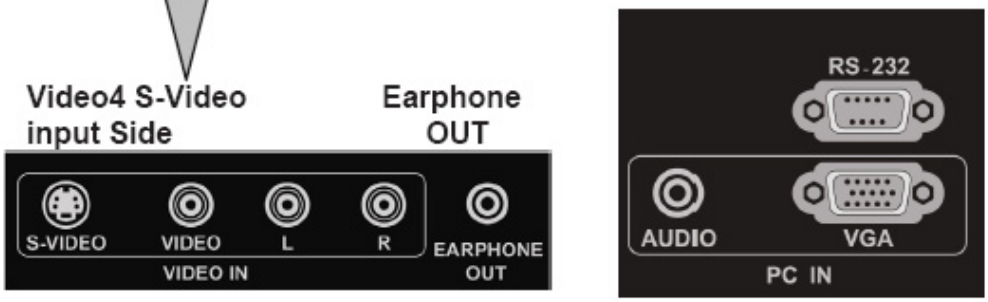
Once your equipment is connected, use the following procedure to view the input signal:

Press the source button on the remote controller to select the relevant source to view. (ex: Press VIDEO button to select "Video1 Composite Rear" if you have connected a DVD player to Video1 Composite socket.)

"HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC."



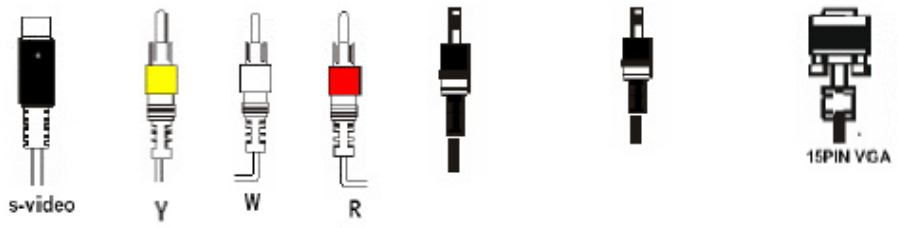
RS-232 (for update)



Video3 Composite Input Side

L/R Line IN

Video7 VGA



DVD/VCD/VCR/STB

PC L/R Line Output of PC terminal

15-pin D-Sub VGA Output of PC terminal

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

3. Input/Output Specification

3.1 Input Signal connector

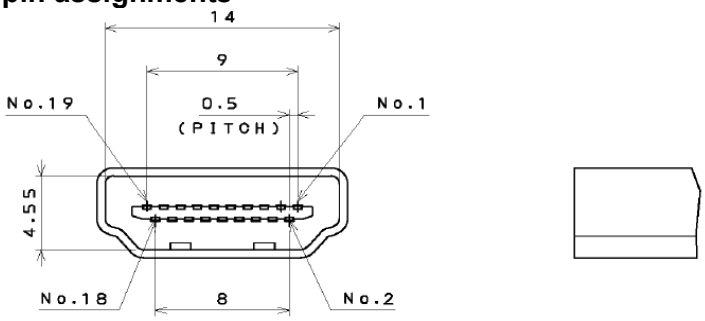
This procedure gives you instructions for installing and using the LCD TV display.
Lay the display on the desired operation and plug the power cord into a convenient AC outlet. Three-wire power cord must be shielded and is provided as a safety precaution as it connects the chassis and cabinet to the electrical conduct ground. If the AC outlet in your location does not have provisions for the grounded type plug, the installer should attach the proper adapter to ensure a safe ground potential.

Connect the 15-pin D-SUB color display shielded signal cable to your signal system device and lock both screws on the connector to ensure firm grounding. The connector information is as follow:

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		

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		

Apply power to the display by turning the power switch to the "ON" position and allow about ten seconds for Panel warm-up. The Power-On indicator lights "GREEN" when the display is on.

With proper signals feed to the display, a pattern or data should appear on the screen, adjust the brightness and contrast to the most pleasing display, or press auto-adjust to get the best picture-quality.

This TV (with PC function) has power saving function following the VESA DPMS. Be sure to connect the signal cable to the PC.

If your TV requires service, it must be returned with the power cord.

3.2 Factory Preset Display Modes:

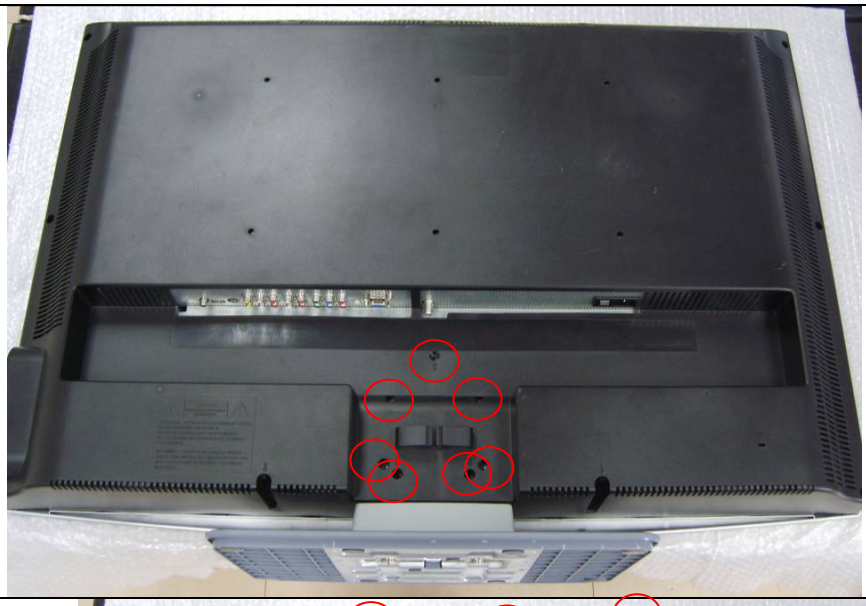
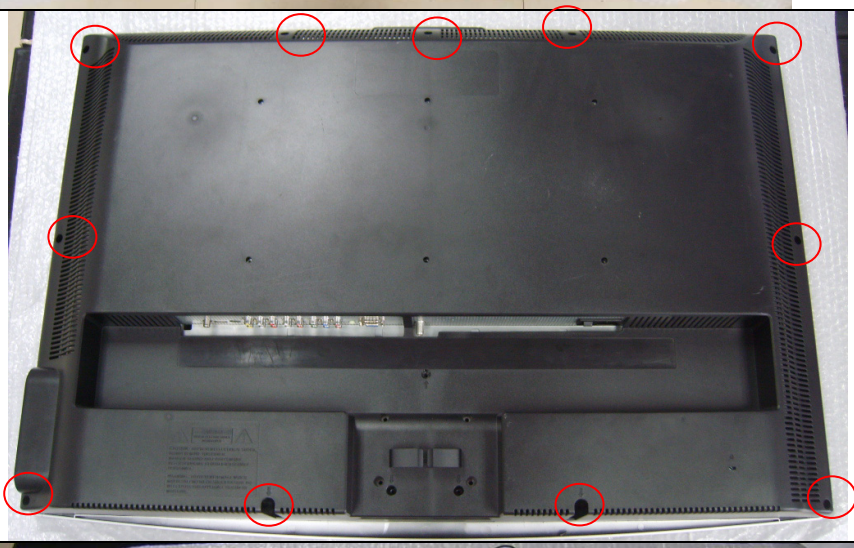
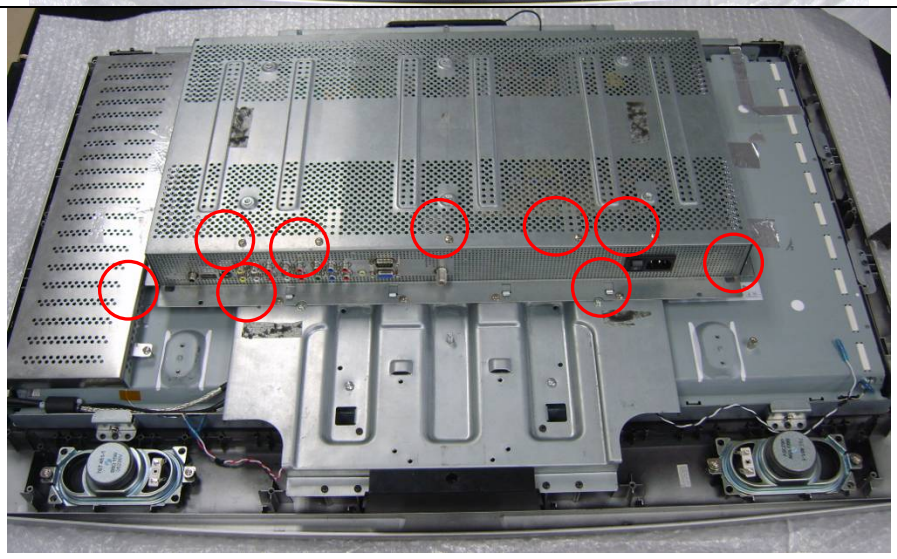
Analog RGB input signal timing

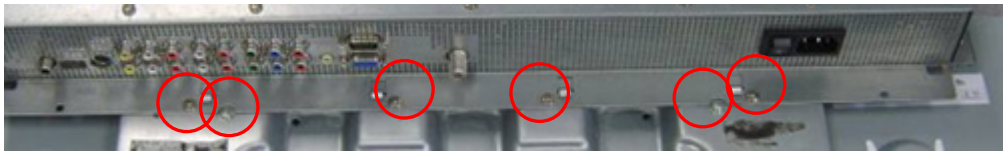
VESA MODES							
			Horizontal		Vertical		
Mode	Resolution	Total	Nominal Frequency (KHz)	Sync Polarity	Nominal Freq. (Hz)	Sync Polarity	Nominal Pixel Clock (MHz)
VGA	640x480@60Hz	800 x 525	31.469	N	59.940	N	25.175
	640x480@72Hz	832 x 520	37.861	N	72.809	N	31.500
	640x480@75Hz	840 x 500	37.5	N	75	N	31.500
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	460875	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

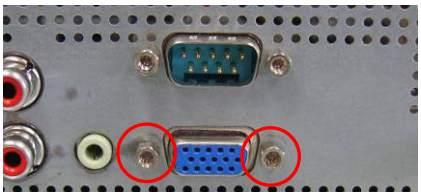
HDMI input signal timing

VESA MODES							
			Horizontal		Vertical		
Mode	Resolution	Total	Nominal Frequency (KHz)	Sync Polarity	Nominal Freq. (Hz)	Sync Polarity	Nominal Pixel Clock (MHz)
720P	1280×720P		45.00		60		74.25
1080i	1920X1080i		33.75		60		74.25
480P	720X480P		31.54		60		27.00

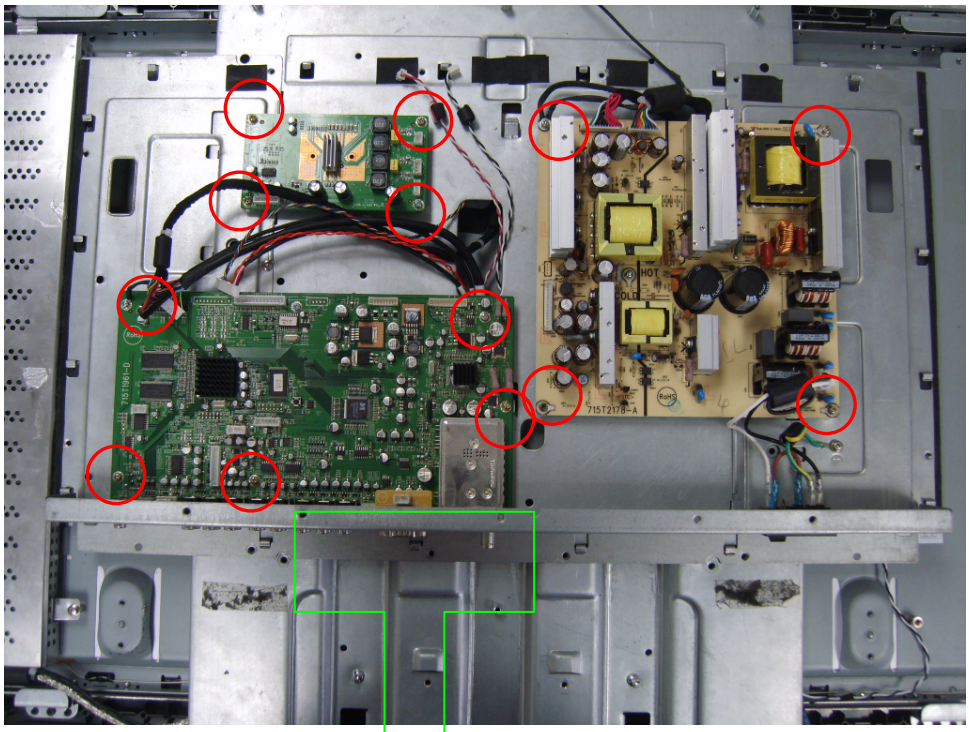
4. Mechanical Instructions

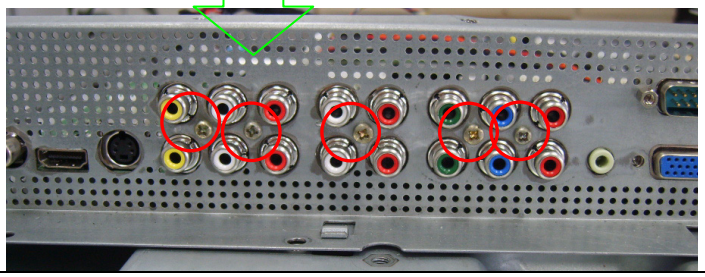
Step	Figure	Description
Preparation and Remove base		Remove the screws remarked in red
Remove back cover		Remove the screws Remarked in red
Remove the shield		Remove the screws Remarked in red



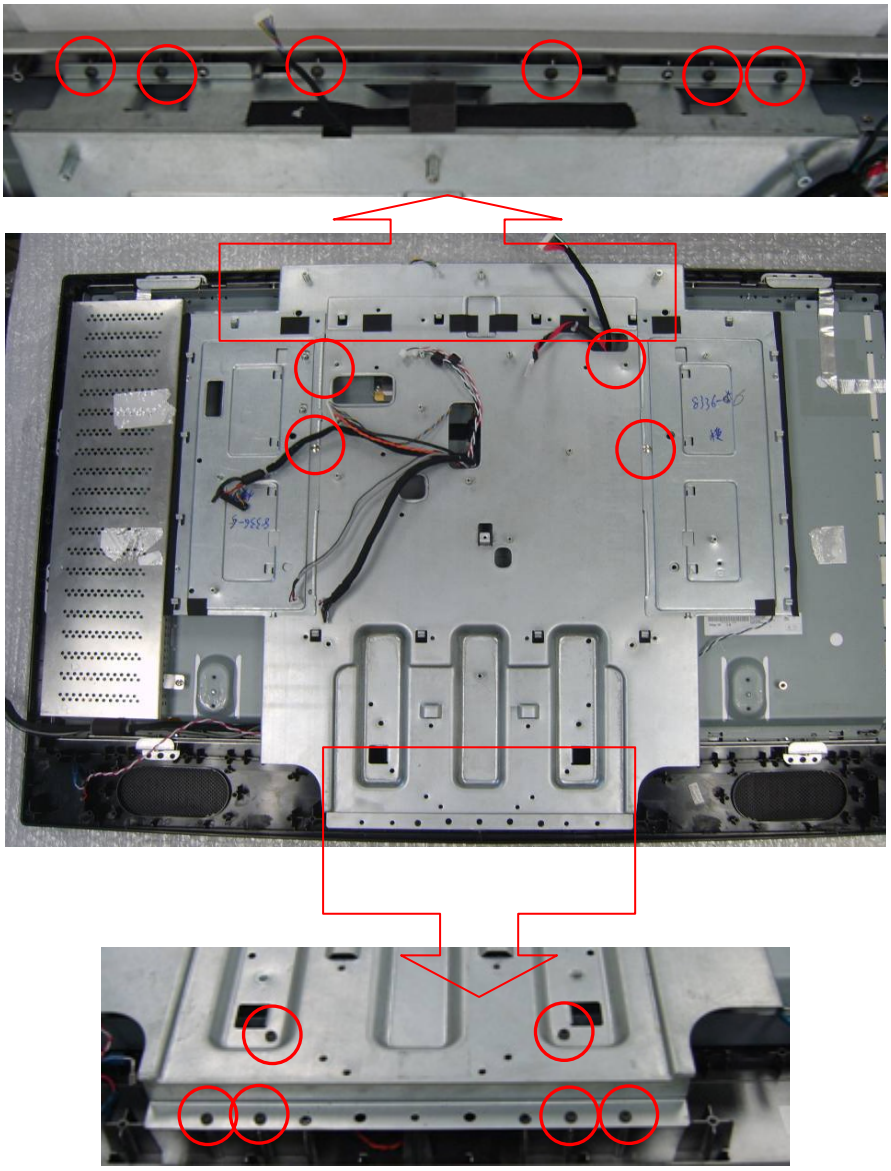


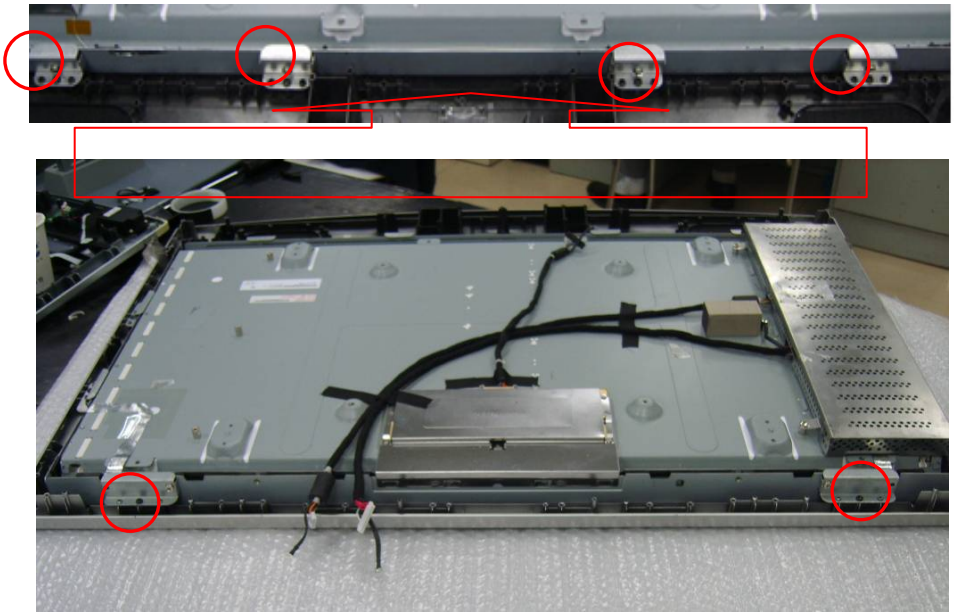
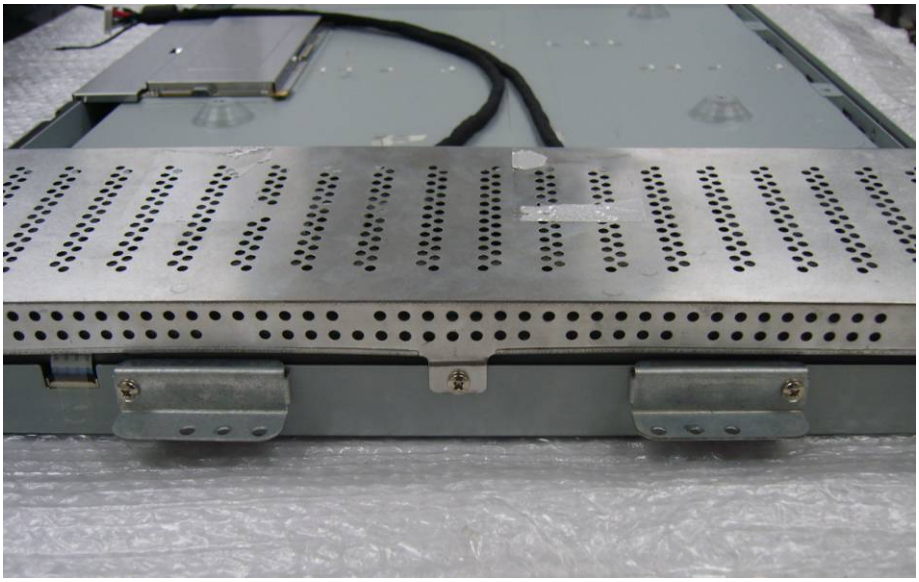
Remove the boards





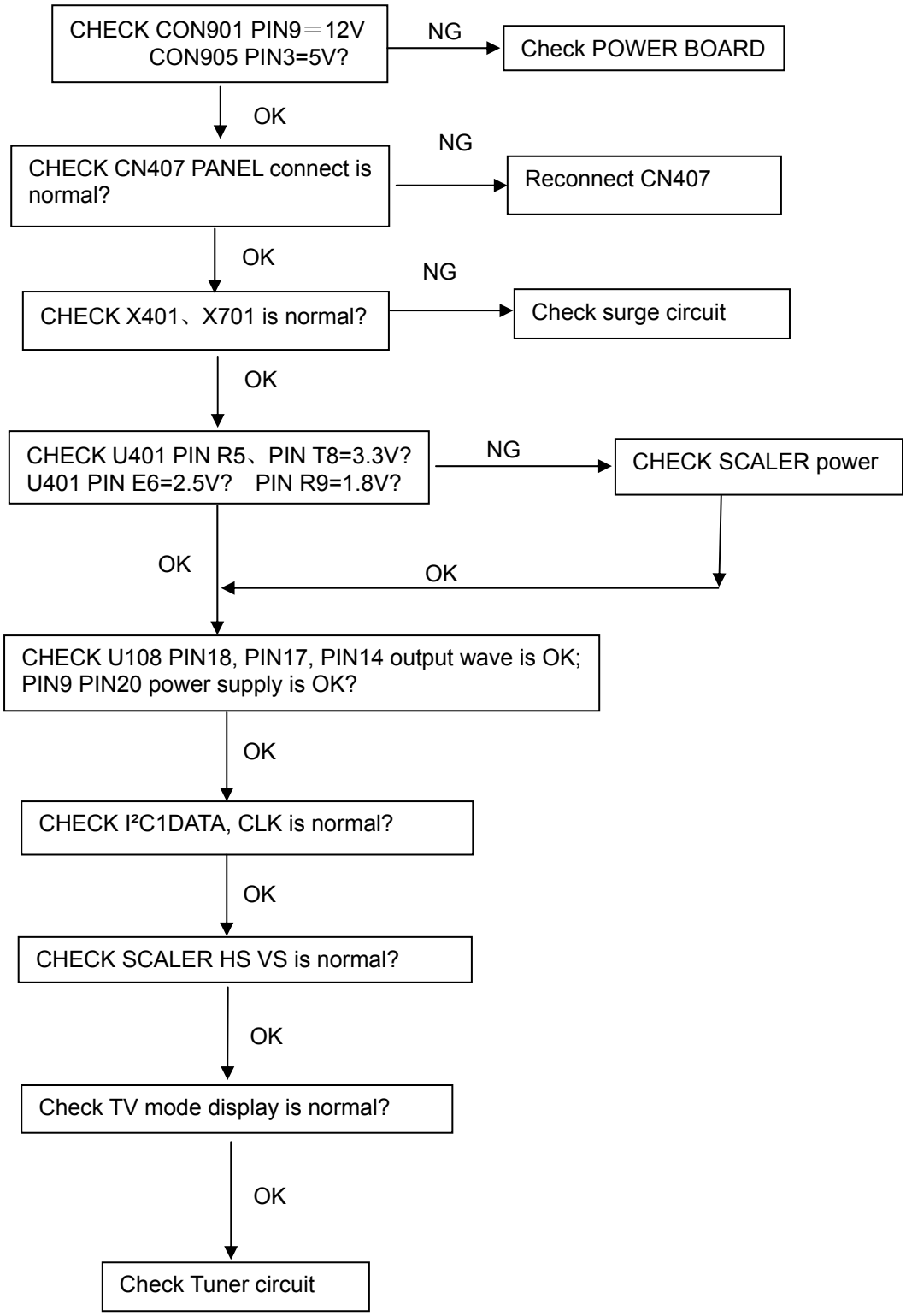
Remove the screws Remarked in red

Remove main frame		Remove the screws remarked in red

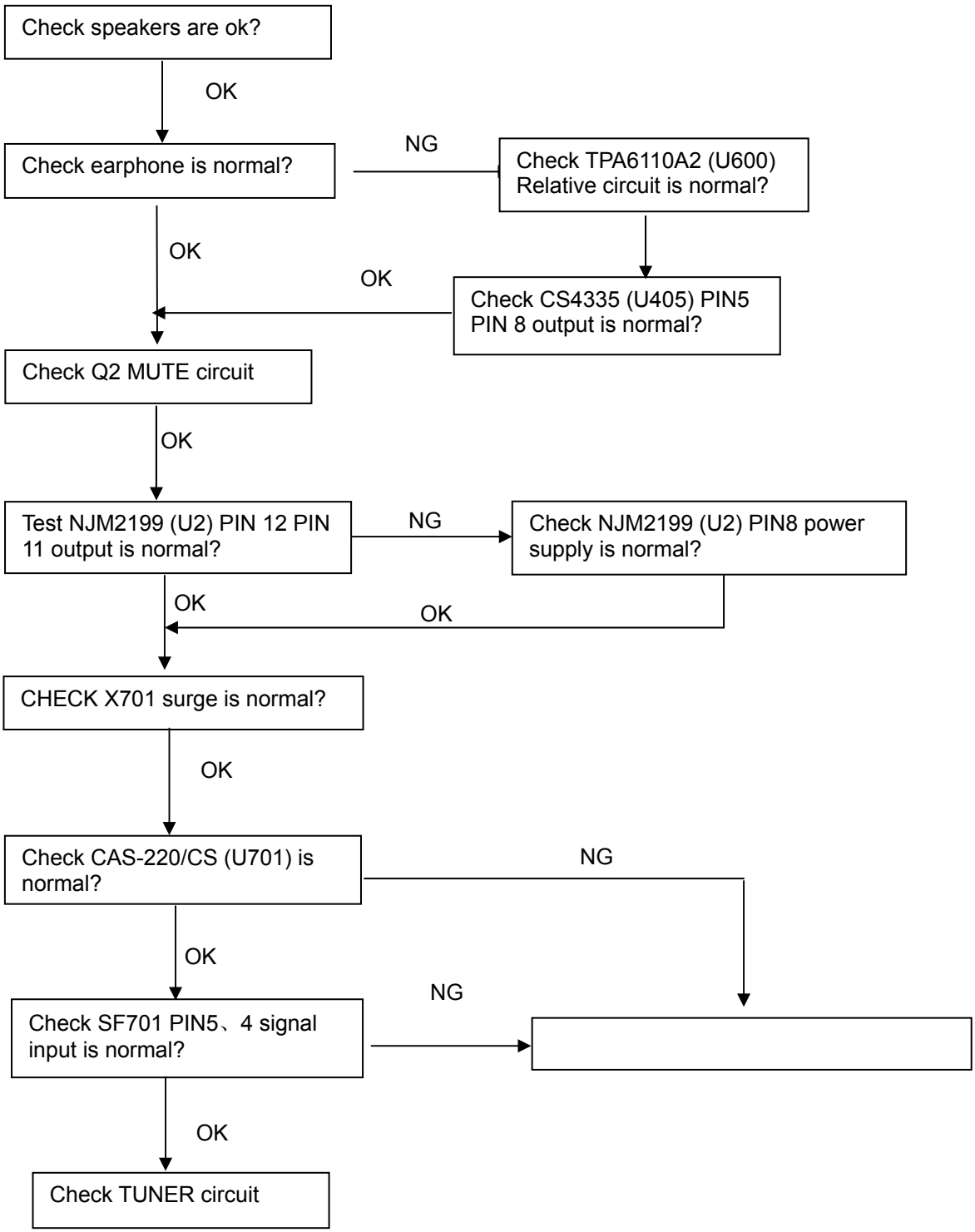
Remove the bezel		Remove the screws remarked in red
		

5. Repair Flow Chart

5.1 Abnormal display



5.2 No sound


Check speakers are ok?
OK
Check earphone is normal?
NG
Check TPA6110A2 (U600) Relative circuit is normal?
OK
OK
Check CS4335 (U405) PIN5 PIN 8 output is normal?
Check Q2 MUTE circuit
OK
Test NJM2199 (U2) PIN 12 PIN 11 output is normal?
NG
Check NJM2199 (U2) PIN8 power supply is normal?
OK
OK
CHECK X701 surge is normal?
OK
Check CAS-220/CS (U701) is normal?
NG
OK
NG
Check SF701 PIN5、4 signal input is normal?
OK
Check TUNER circuit

6. White Balance, Luminance Adjustment

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

First adjust PC mode and then adjust AV mode, HDMI mode, component 480i mode, component 480p mode. Before started adjust white balance, please set the Chroma-7120 MEM. Channel 01 to Cold color MEM. and channel 03 to Normal color, MEM. and channel 04 to warm color, MEM.(Our cold parameter is x = 291, y =306; normal parameter is x =299, y =315; warm parameter is x =308, y =325)

Color Temp.		Cold	Normal	Warm
PC MODE	x	291	299	308
	y	306	315	325
	Y	350	350	350
AV MODE	x	291	299	308
	y	306	315	325
	Y	450	450	450
HDMI	x	291	299	308
	y	306	315	325
	Y	420	420	420
COMPONENT（480i/480p）	x	291	299	308
	y	306	315	325
	Y	450	450	450

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

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

Note: Step of AV, HDMI, 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>350 cd/m2
2. Switch the chroma-7120 to RGB-mode (with press "MODE" button)
3. Switch the MEM. channel to Channel 01 (with up or down arrow on chroma-7120)
4. The LCD-indicator on chroma-7120 will show x =291, y =306, Y>350cd/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>350cd/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 =299, y =315, Y>350cd/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.

C. Adjust Warm color-temperature:

1. Set the Contrast of OSD function to 80 and Adjust Brightness to chroma-7120 Y>350cd/m2
2. Switch the chroma-7120 to RGB-mode (with press "MODE" button)
3. Switch the MEM. channel to Channel 04 (with up or down arrow on chroma-7120)
4. The LCD-indicator on chroma-7120 will show x =308, y =324, Y>350cd/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.

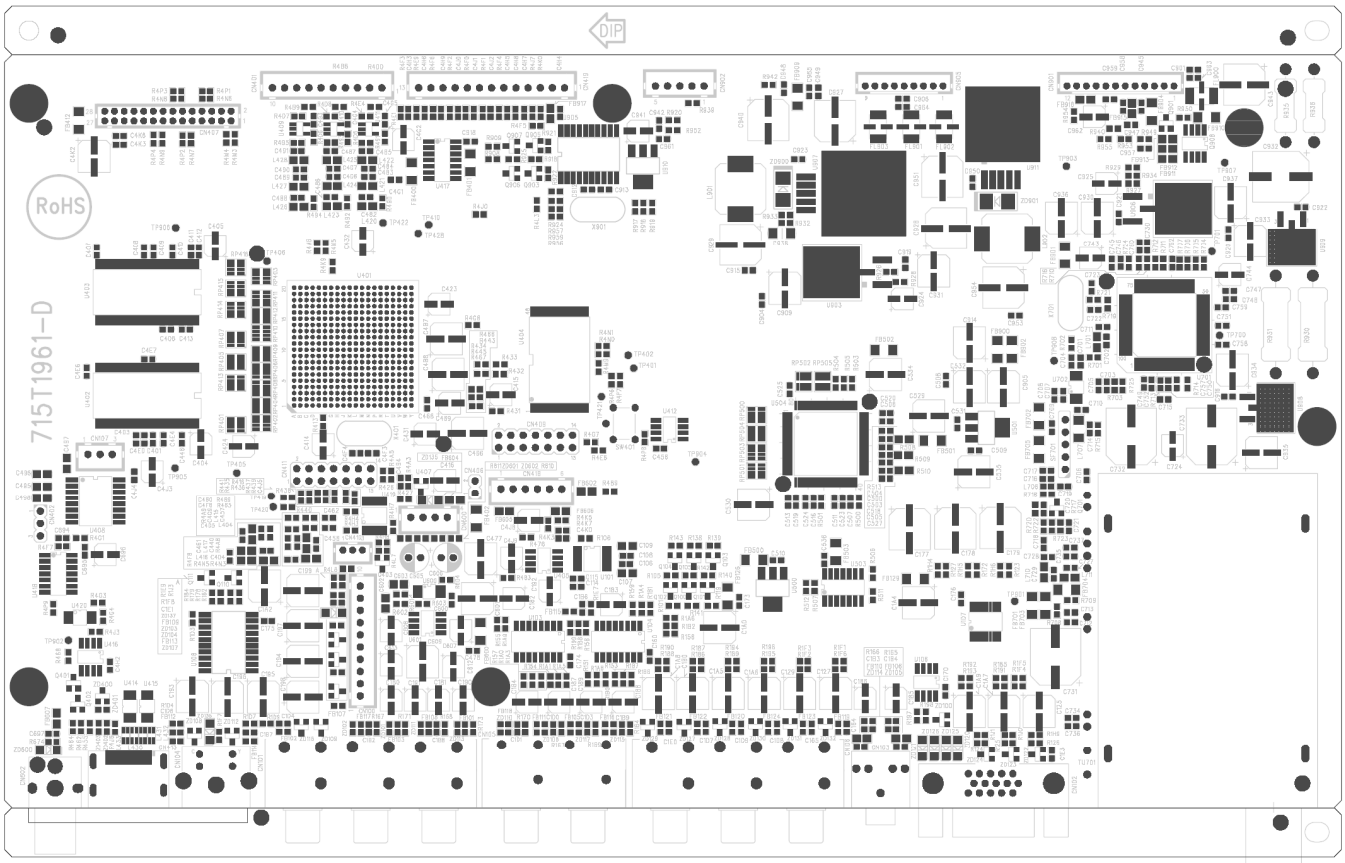
Ⅳ.Switch different source:

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

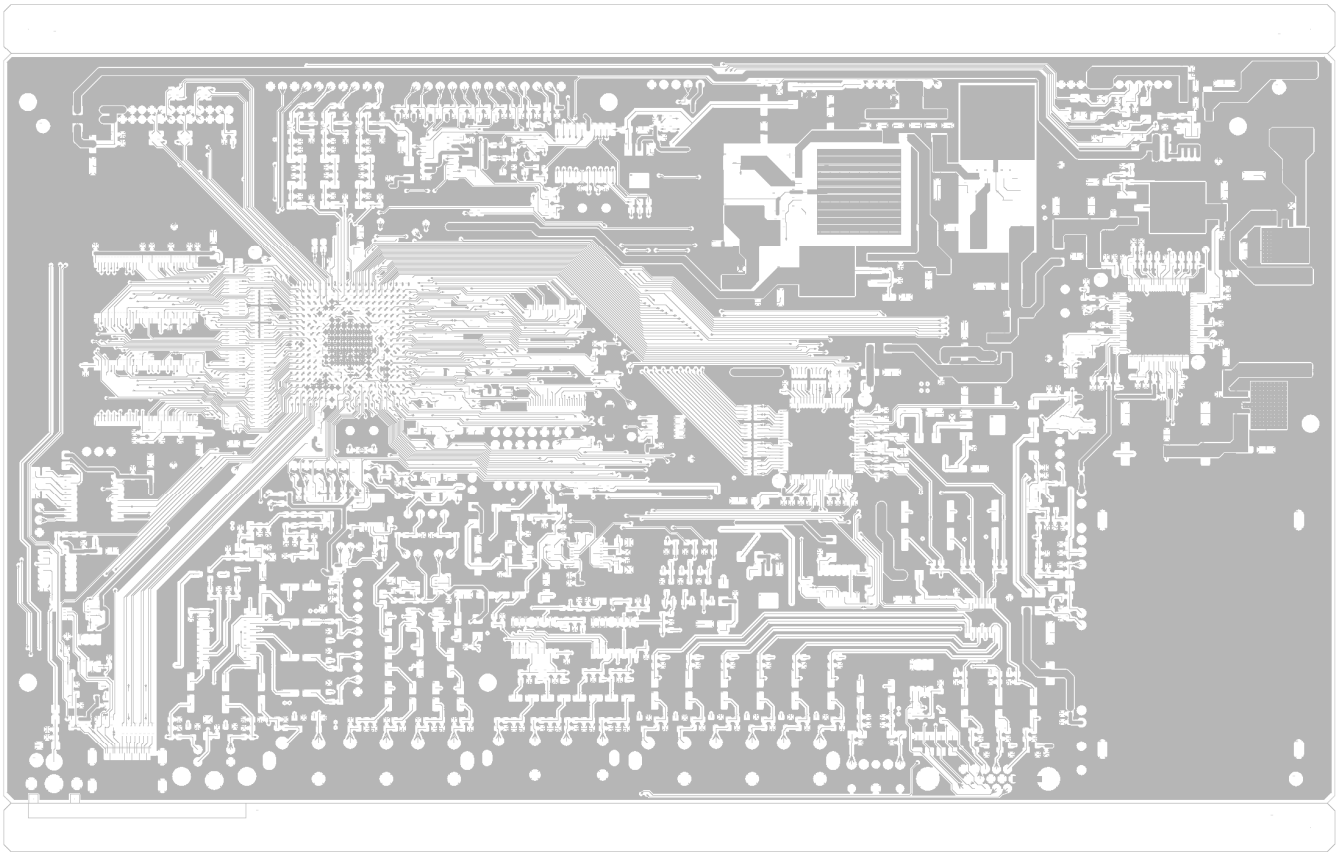
Press "Exit" button on remote control to quit from factory mode.

7. PCB Layout

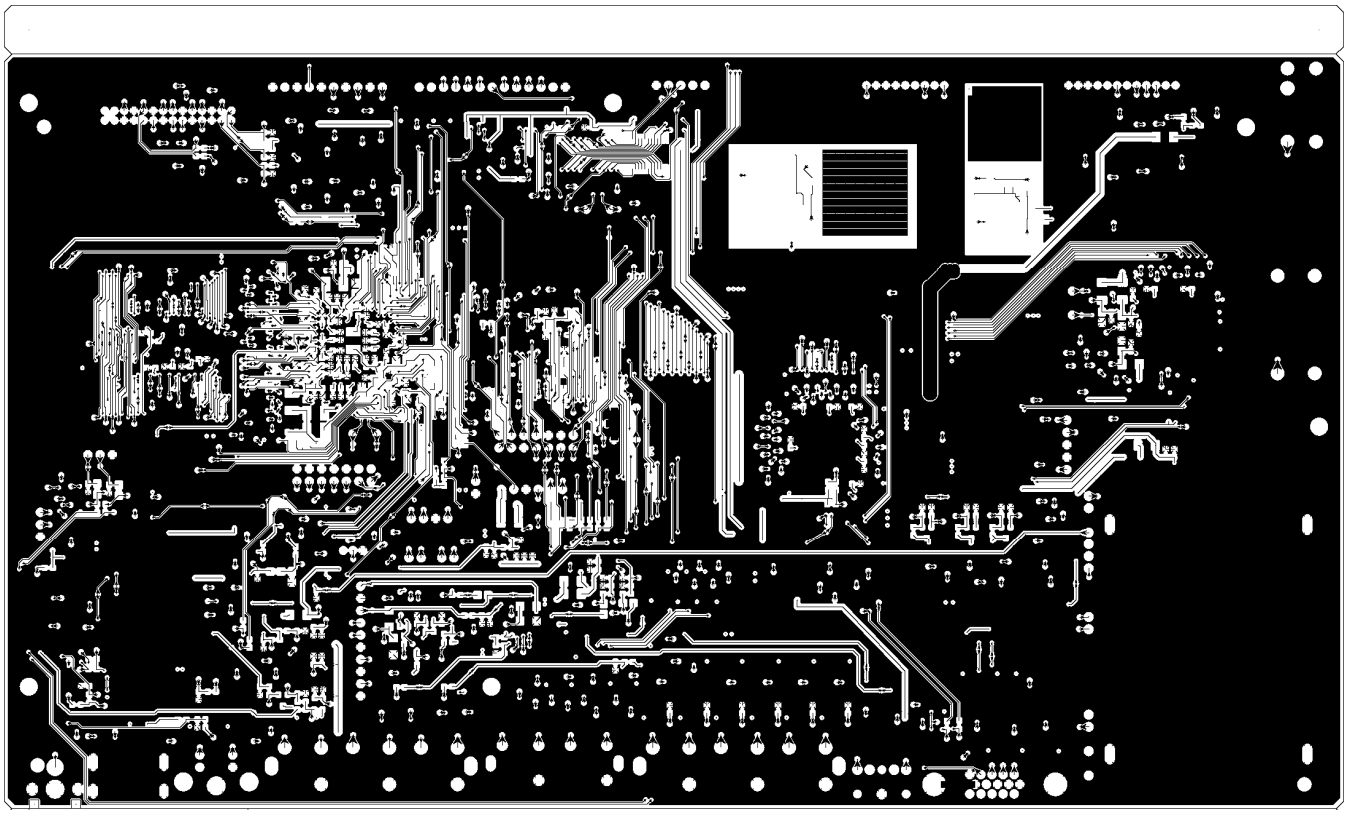
7.1 Main Board



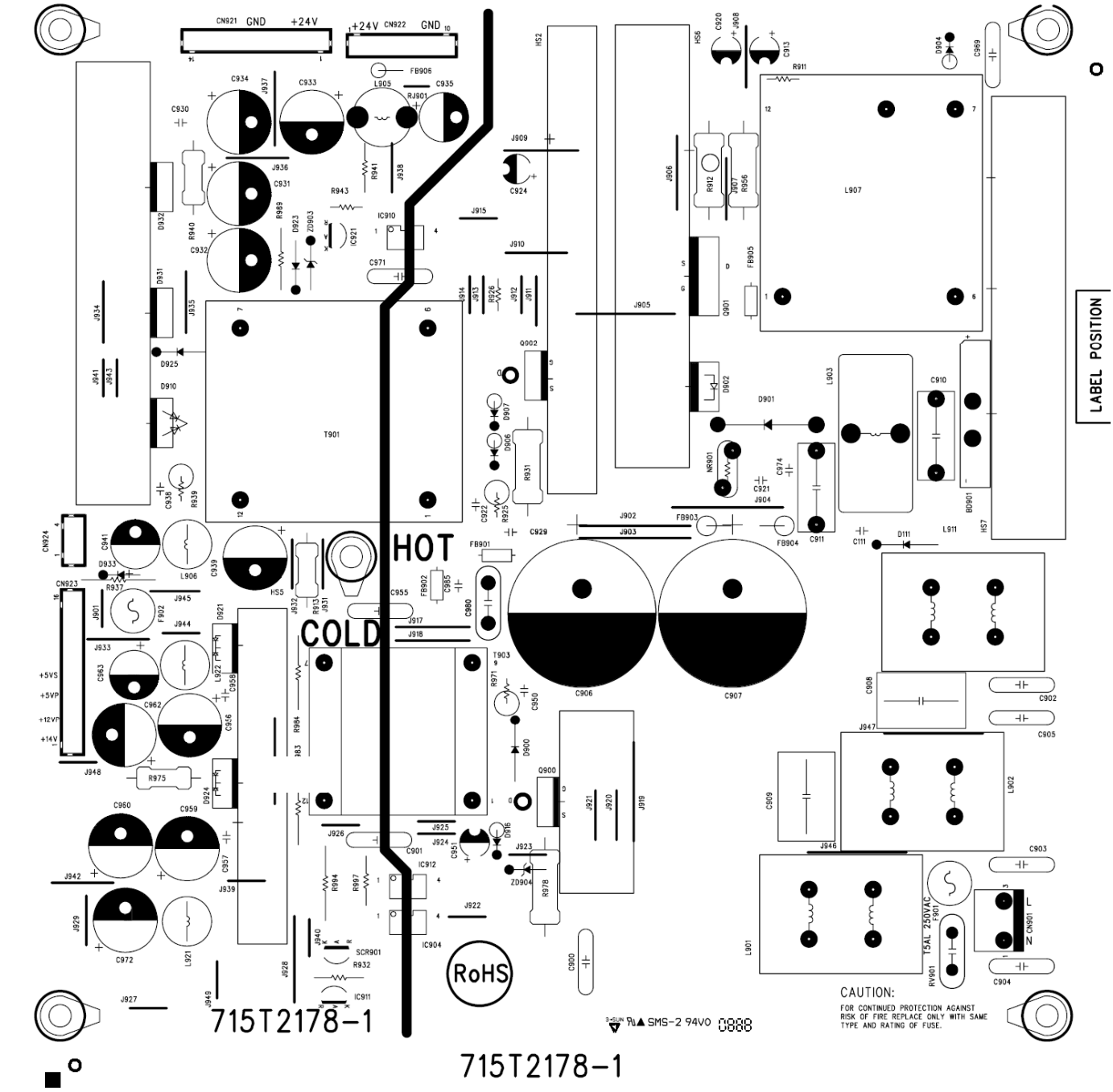
Top Victory Electronics(Taiwwan)Co.,Ltd				
AOC	PCB NAME	715T1961-D	LAYER	4 (SOLDER:MSK TOP)
	MATERIAL	FR-4, 94V-0	THICKNESS	1.6MM

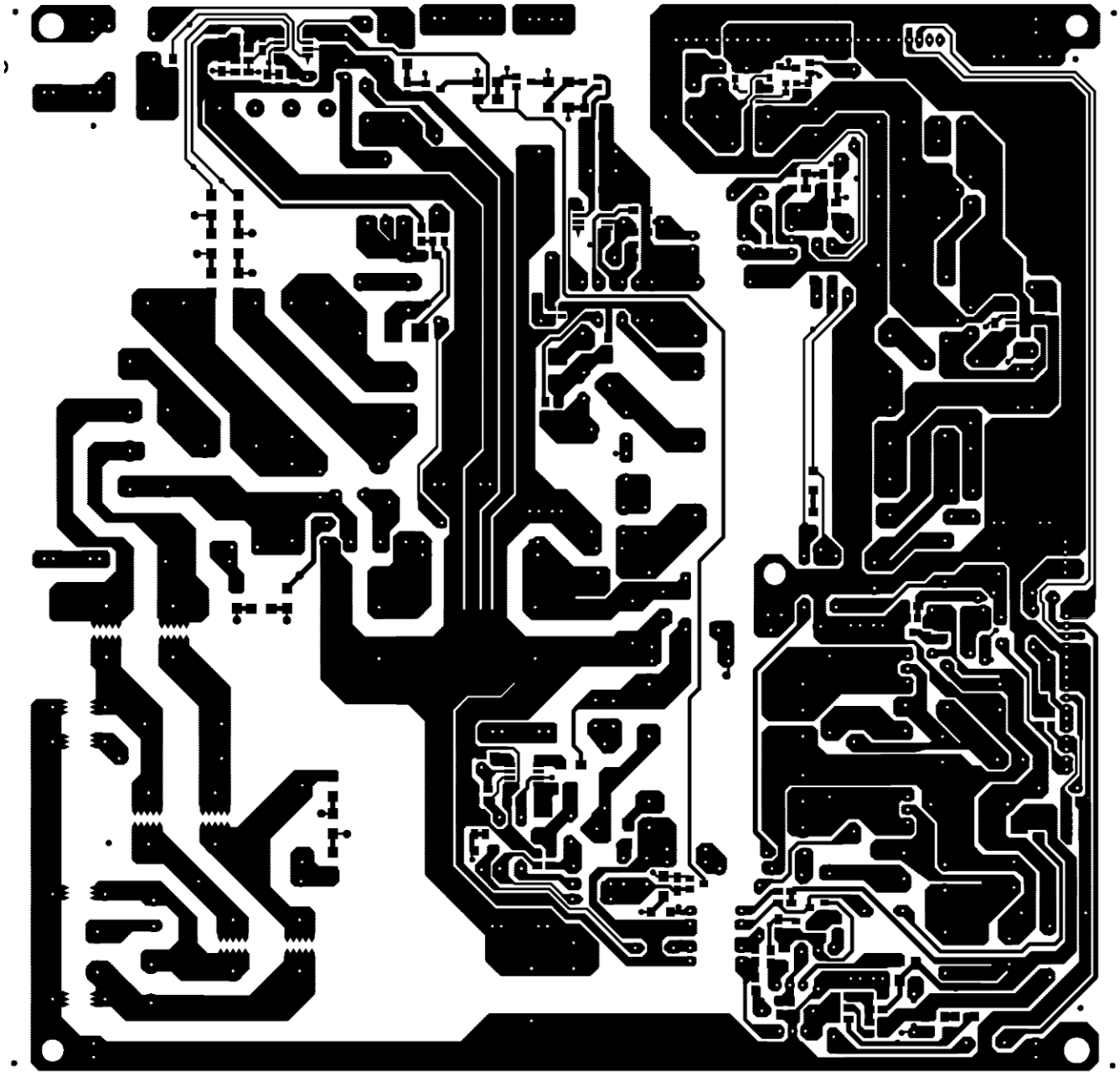


Top Victory Electronics(Taiwwan)Co.,Ltd				
AOC	PCB NAME	715T1961-D	LAYER	4 (1.TOP SIDE)
	MATERIAL	FR-4, 94V-0	THICKNESS	1.6MM



7.2 Power Board



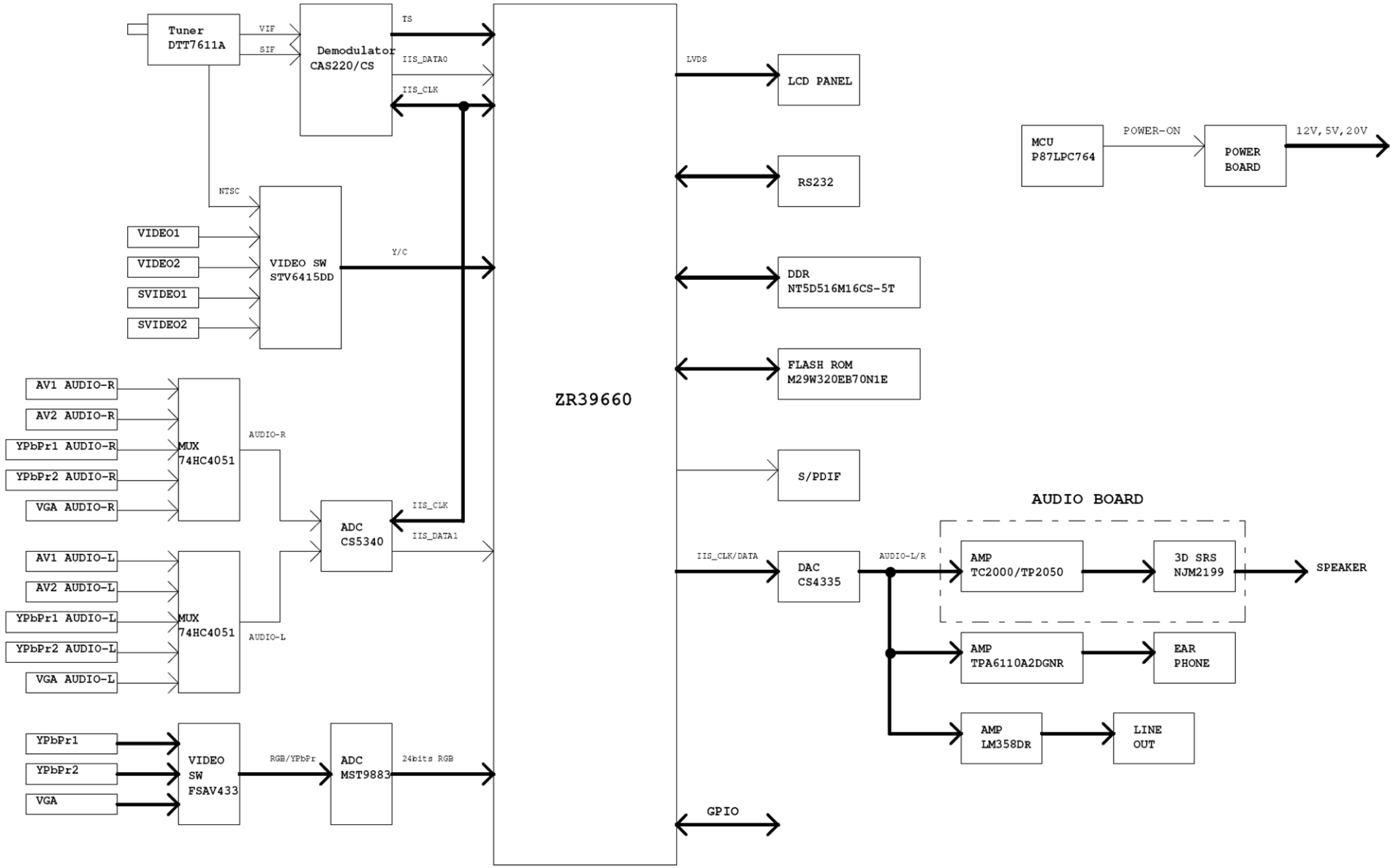


7.3 Key Board

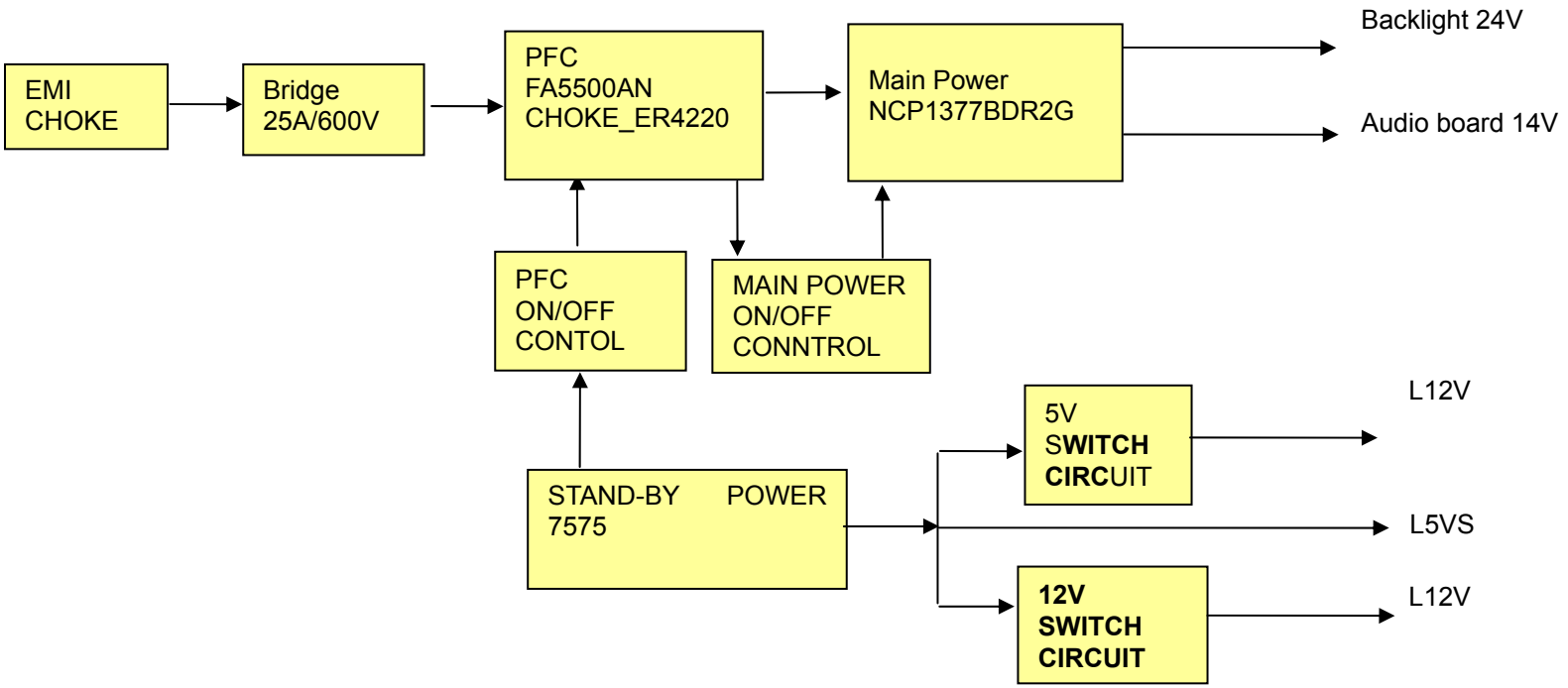

SW22
MENU
C22
SW25
CH-
C20
SW26
CH+
C26
RoHS
SW27
POWER
C23
E168066
SW23
VOL-
C25
SW24
VOL+
C24
SW21
SOURCE
C21
H4
CN21
715T1966-1
8888

8. Block Diagram

8.1 Main board

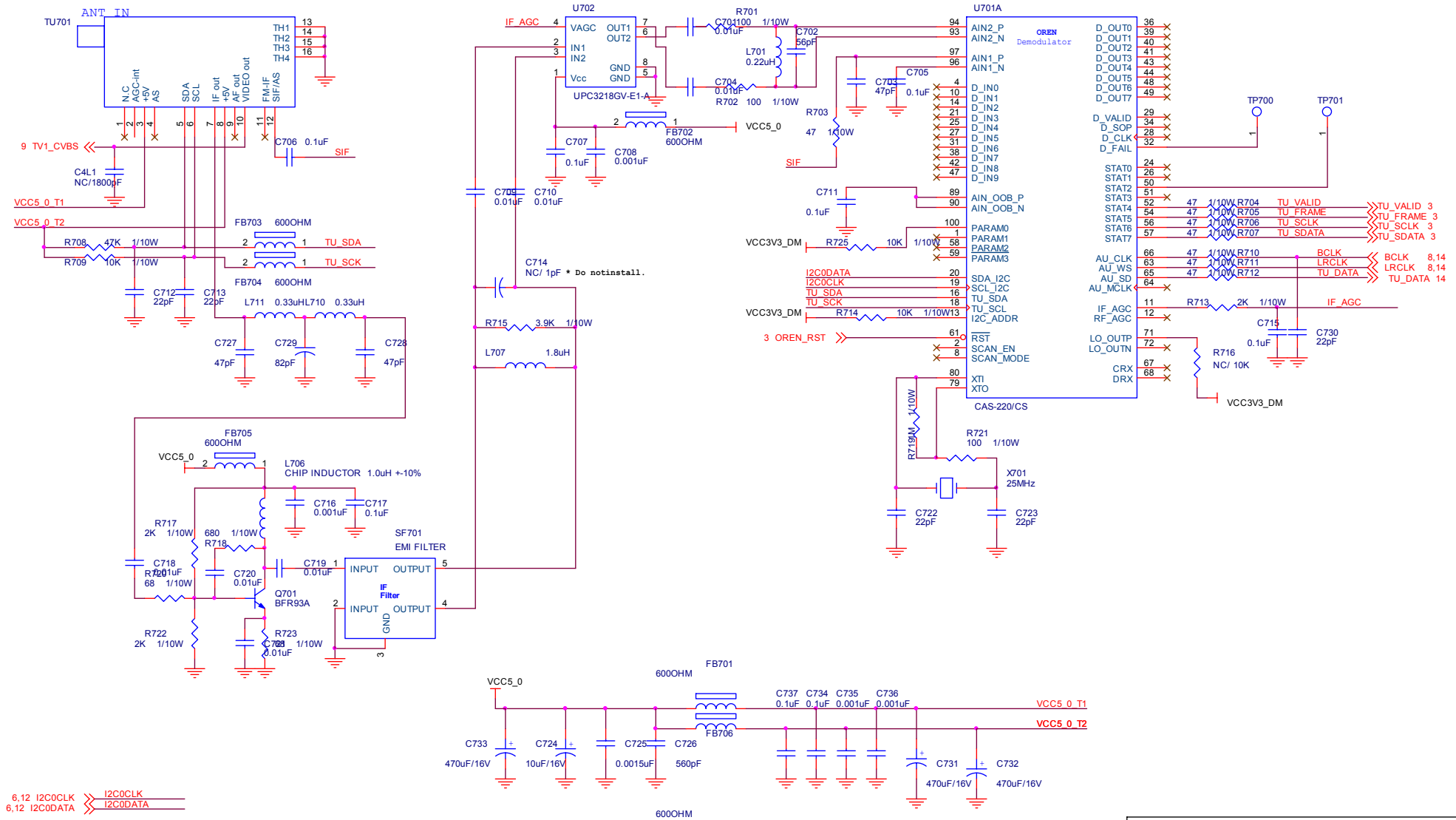


8.2 Power Board



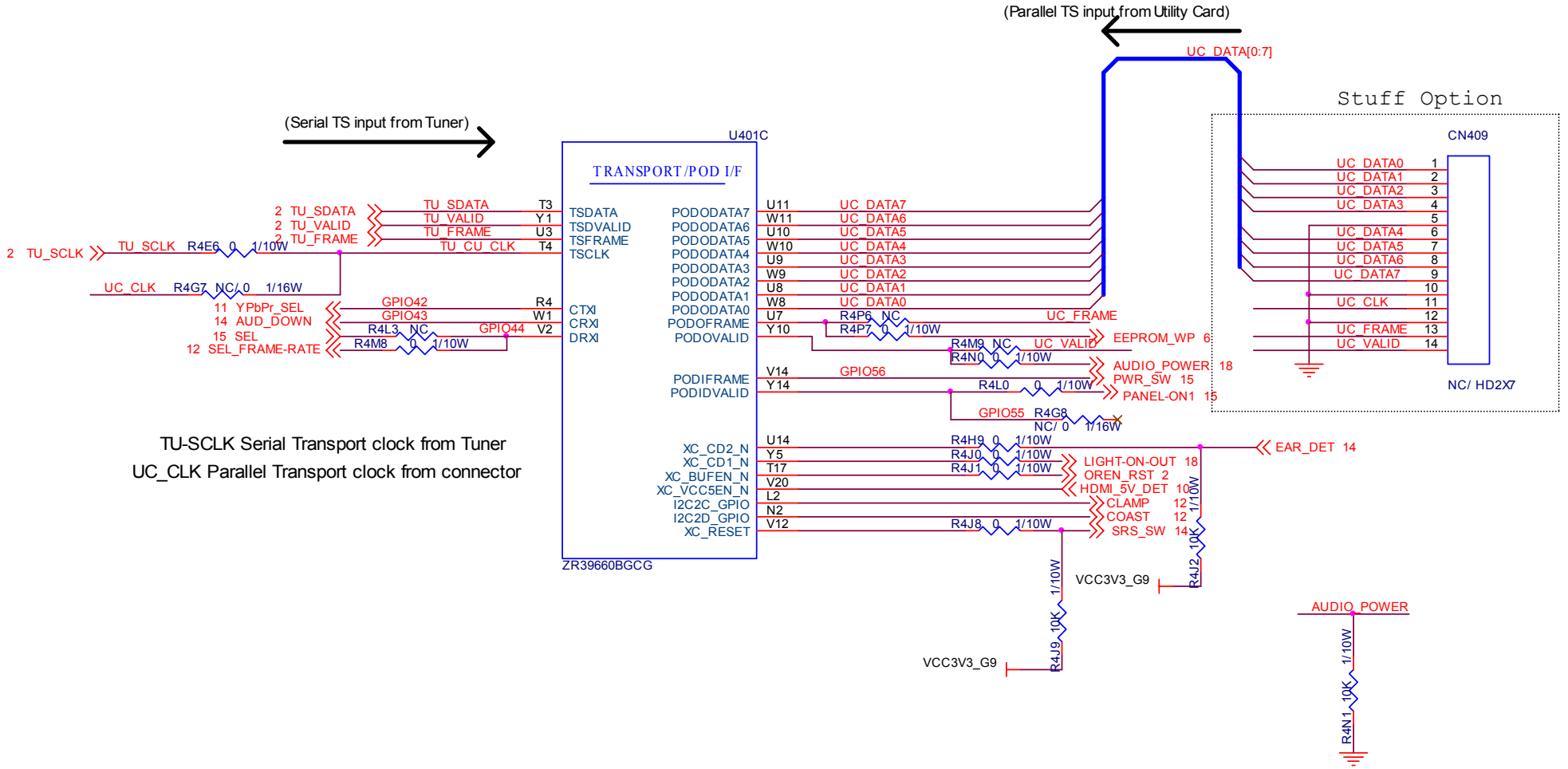
9. Schematic Diagram

9.1 Main Board



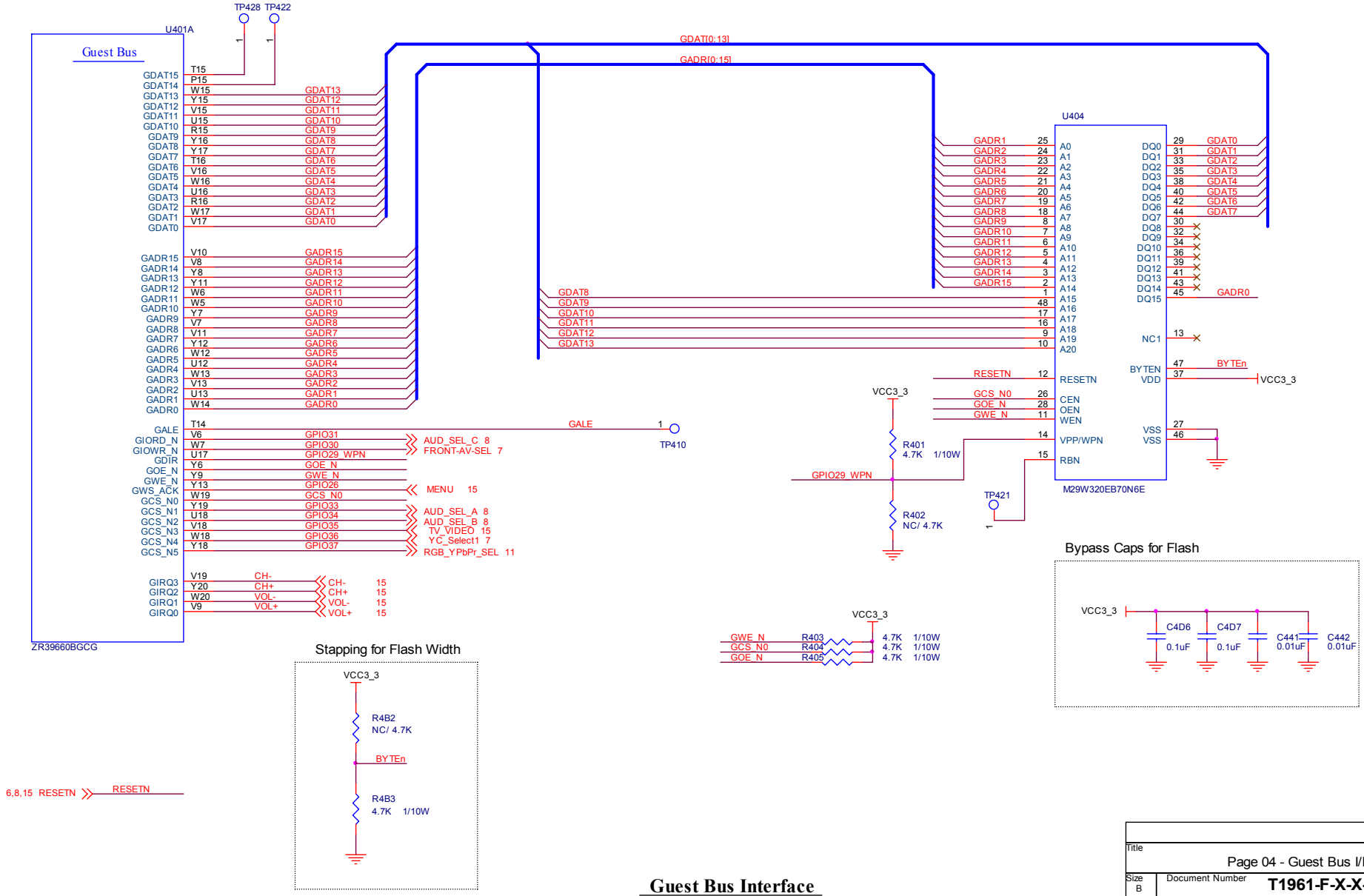
Tuner / Demodulator

Title	Page 02 - Tuner and Demodulator	
Size B	Document Number T1961-F-X-X-1-061011	Rev F
Date: Wednesday, October 11, 2006	Sheet 2 of 19	



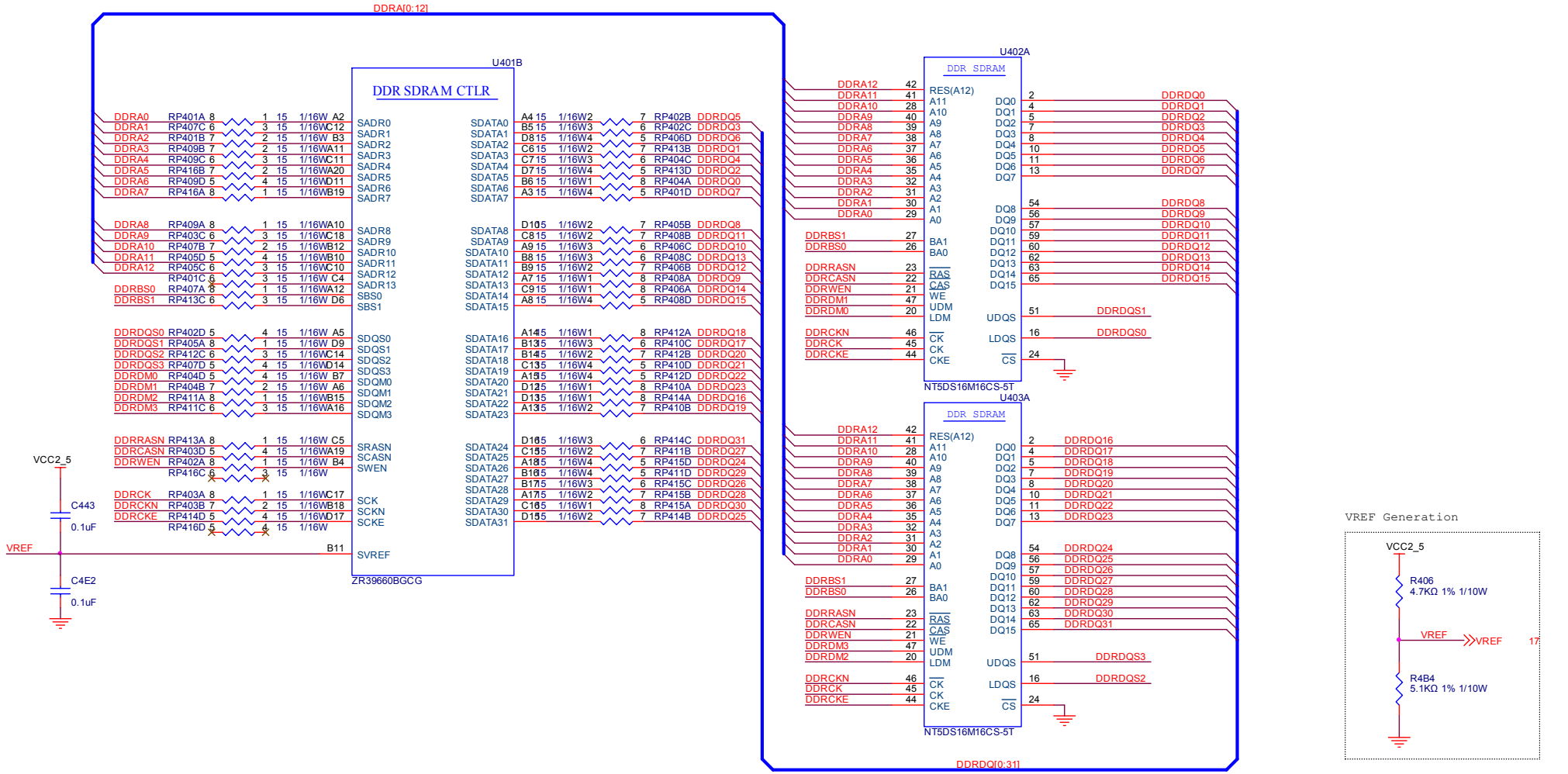
TS Interface & Connector

Title	Page 03 - TS I/F and Connector		
Size A4	Document Number T1961-F-X-X-1-061011		Rev F
Date: Wednesday, October 11, 2006	Sheet 3 of 19		



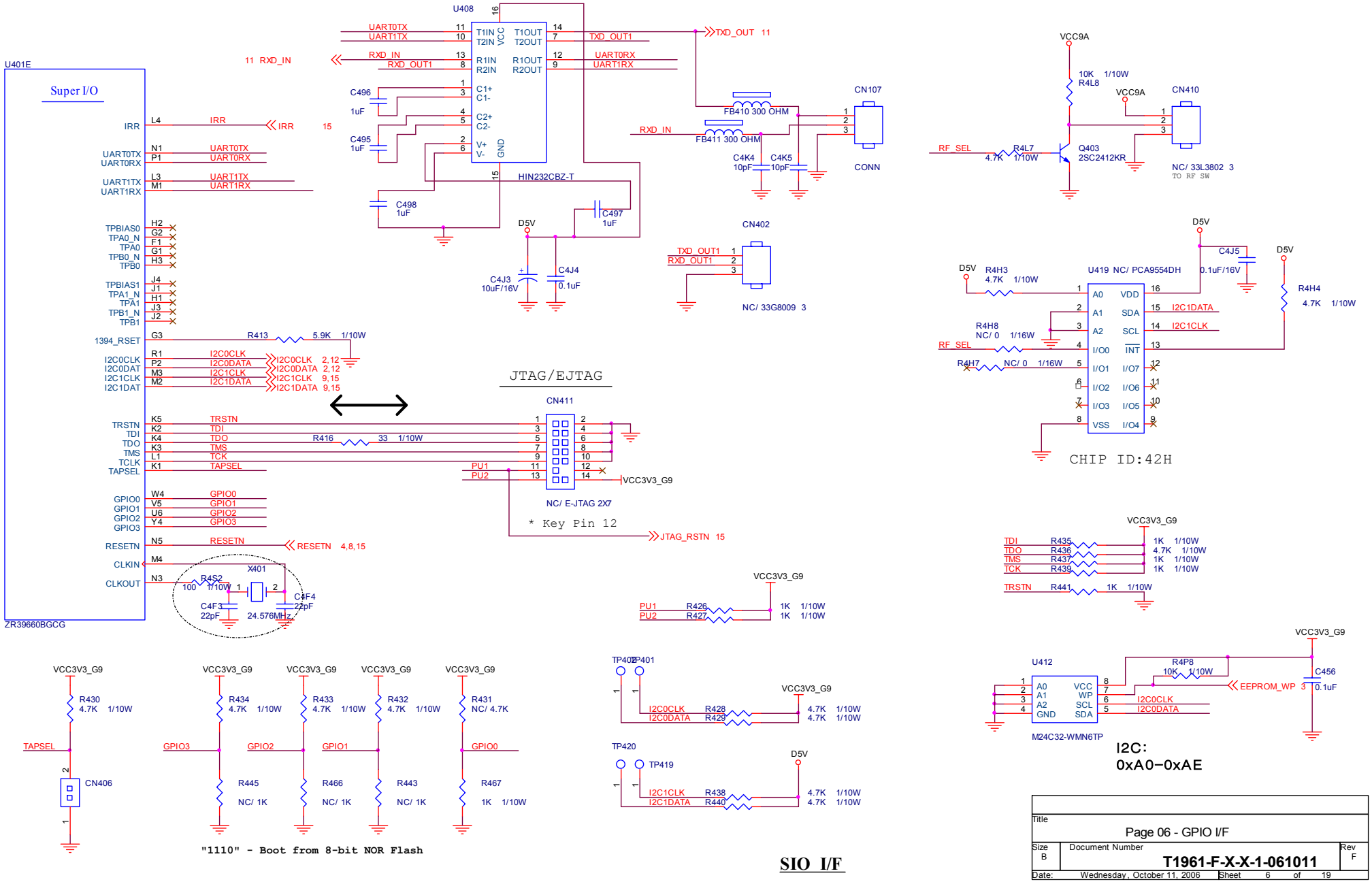
Guest Bus Interface

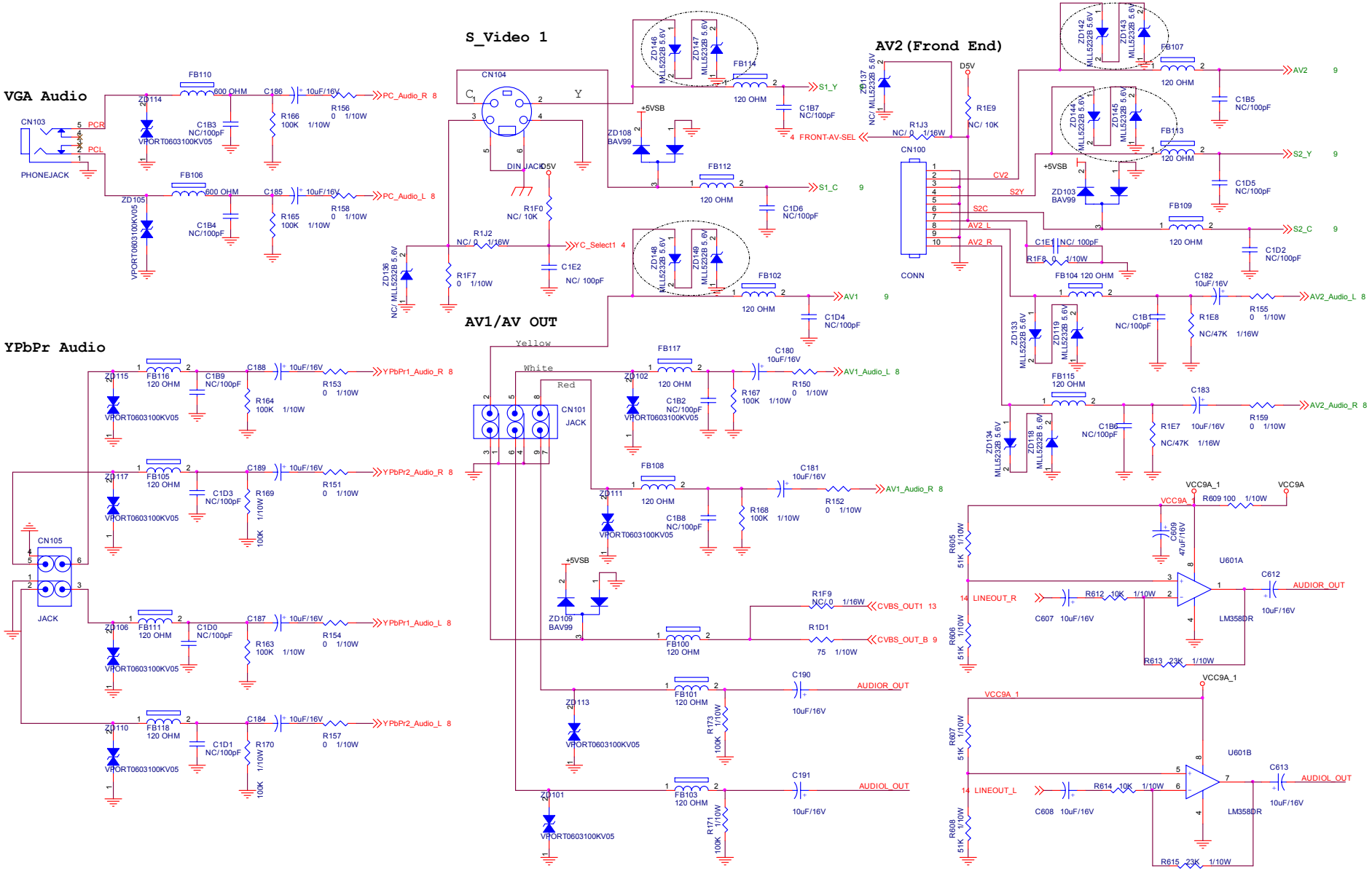
Title	Page 04 - Guest Bus I/F	
Size B	Document Number T1961-F-X-X-1-061011	Rev F
Date: Wednesday, October 11, 2006	Sheet 4 of 19	

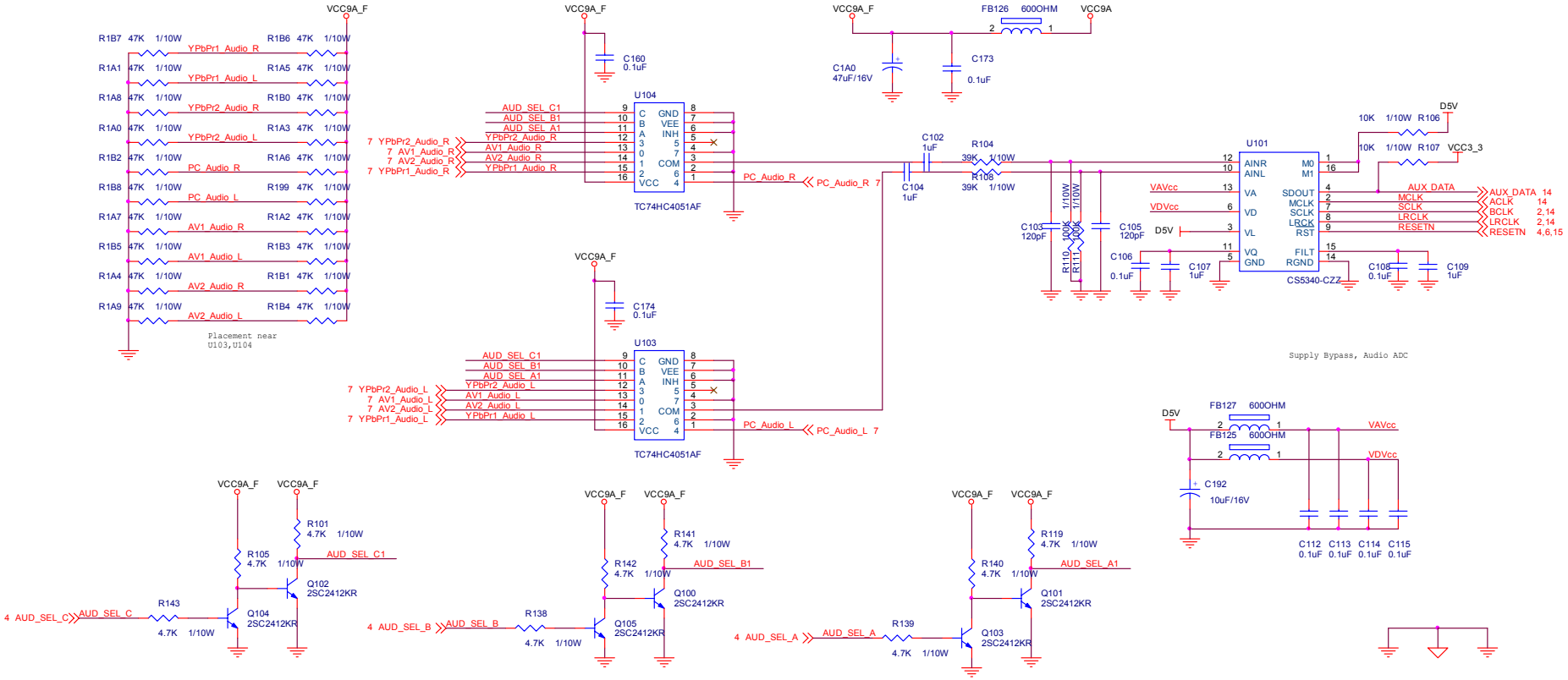


DDR SDRAM Interface

Title	Page 05 - DDR SDRAM I/F		
Size B	Document Number T1961-F-X-X-1-061011		Rev F
Date: Thursday, October 12, 2006	Sheet 5 of 19		

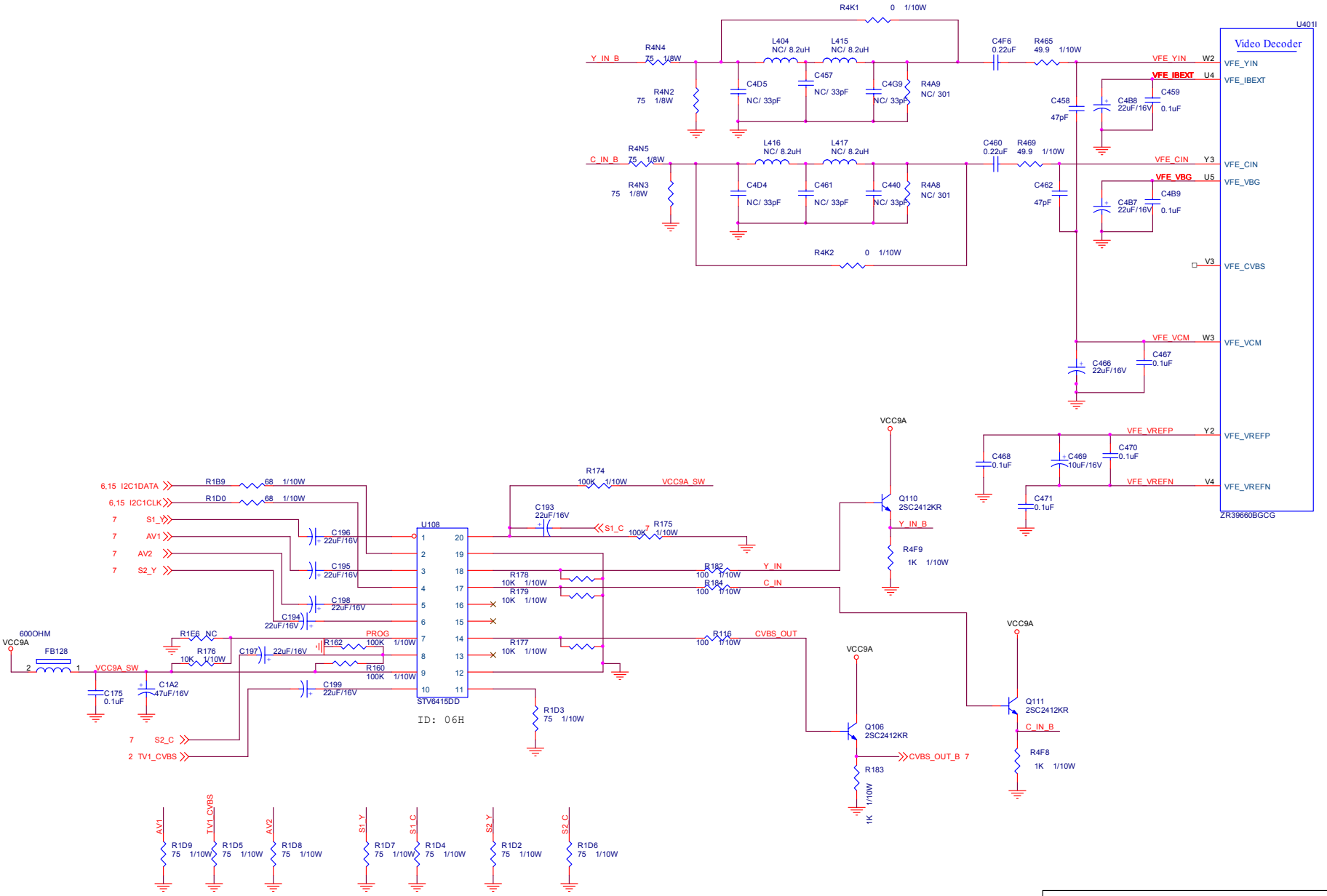

U401E
Super I/O
ZR39660BGCG
U408
HIN232CBZ-T
CN107
CONN
CN402
NC/ 33G8009 3
JTAG/EJTAG
CN411
NC/ E-JTAG 2X7
* Key Pin 12
X401
24.576MHz
CN406
"1110" - Boot from 8-bit NOR Flash
SIO I/F
VCC9A
CN410
Q403
2SC2412KR
NC/ 33L3802 3
TO RF SW
U419 NC/ PCA9554DH
CHIP ID:42H
U412
M24C32-WMN6TP
I2C:
0xA0~0xAE
Title
Page 06 - GPIO I/F
Size B
Document Number
T1961-F-X-X-1-061011
Rev F
Date: Wednesday, October 11, 2006
Sheet 6 of 19


VGA Audio
S_Video 1
AV2 (Frond End)
AV1/AV OUT
YPbPr Audio
CN103
PHONEJACK
CN104
CN100
CONN
CN101
JACK
CN105
JACK
U601A
U601B
LM358DR
Yellow
White
Red
PC_Audio_R 8
PC_Audio_L 8
S1_Y
S1_C
FRONT-AV-SEL 4
YC_Select1 4
AV1 9
AV2 9
S2_Y 9
S2_C 9
AV1_Audio_L 8
AV1_Audio_R 8
AV2_Audio_L 8
AV2_Audio_R 8
YPbPr1_Audio_R 8
YPbPr2_Audio_R 8
YPbPr1_Audio_L 8
YPbPr2_Audio_L 8
CVBS_OUT1 13
CVBS_OUT_B 9
AUDIOR_OUT
AUDIOL_OUT
LINEOUT_R 14
LINEOUT_L 14
VCC9A
VCC9A_1
+5VSB
D5V
Title
Page 07 - AV IN/OUT
Size A3
Document Number T1961-F-X-X-1-061011
Rev F
Date: Wednesday, October 11, 2006
Sheet 7 of 19



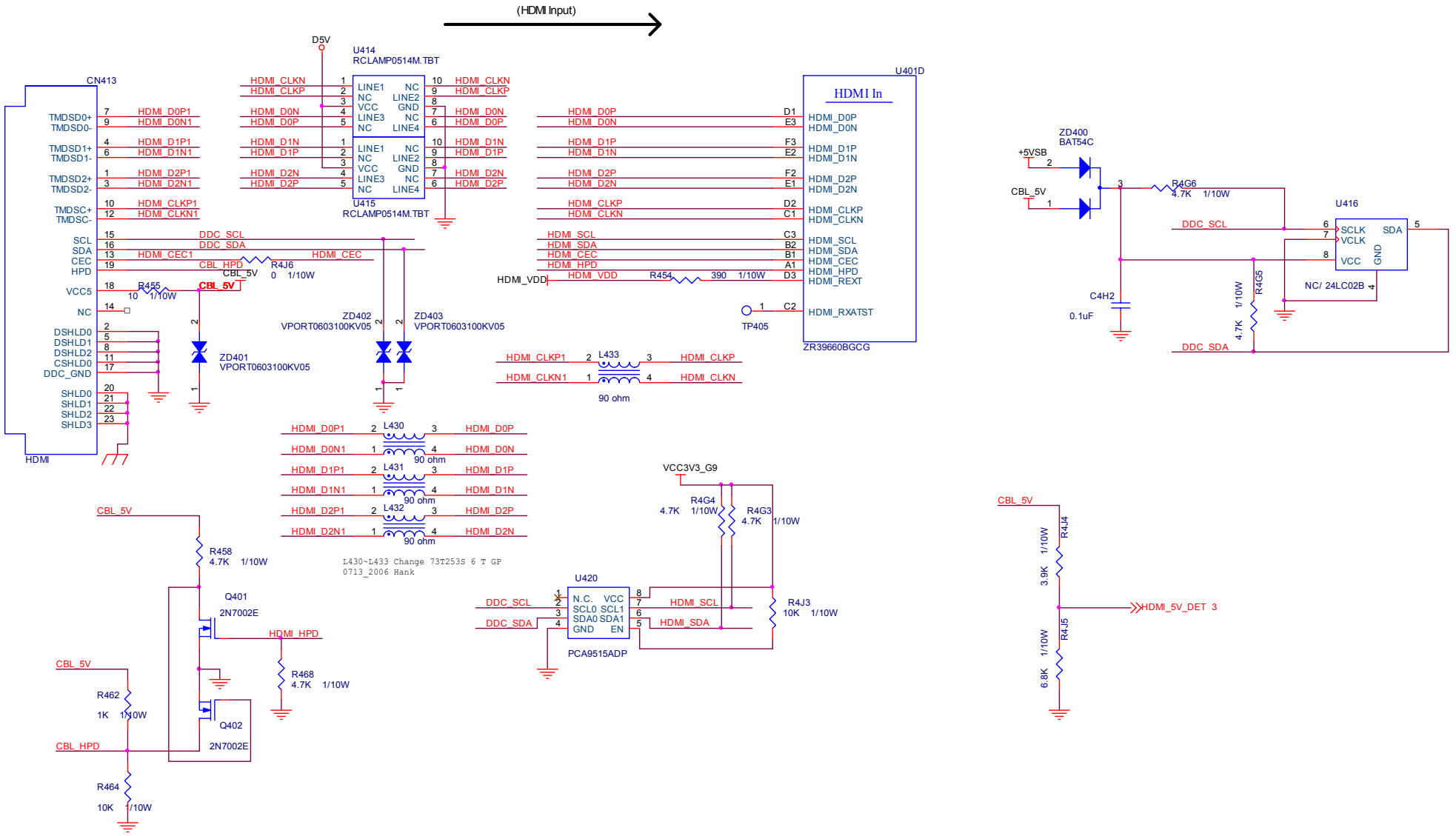
	AUD_SEL_A	AUD_SEL_B	AUD_SEL_C
AV1_Audio_R/L	0	0	0
AV2_Audio_R/L	1	0	0
YPbPr1_AUDIO_R/L	0	1	0
YPbPr2_AUDIO_R/L	1	1	0
PC_AUDIO_R/L	0	0	1

Title	Page 08 - Audio Switch		
Size A3	Document Number	T1961-F-X-X-1-061011	Rev F
Date: Wednesday, October 11, 2006	Sheet 8 of 19		



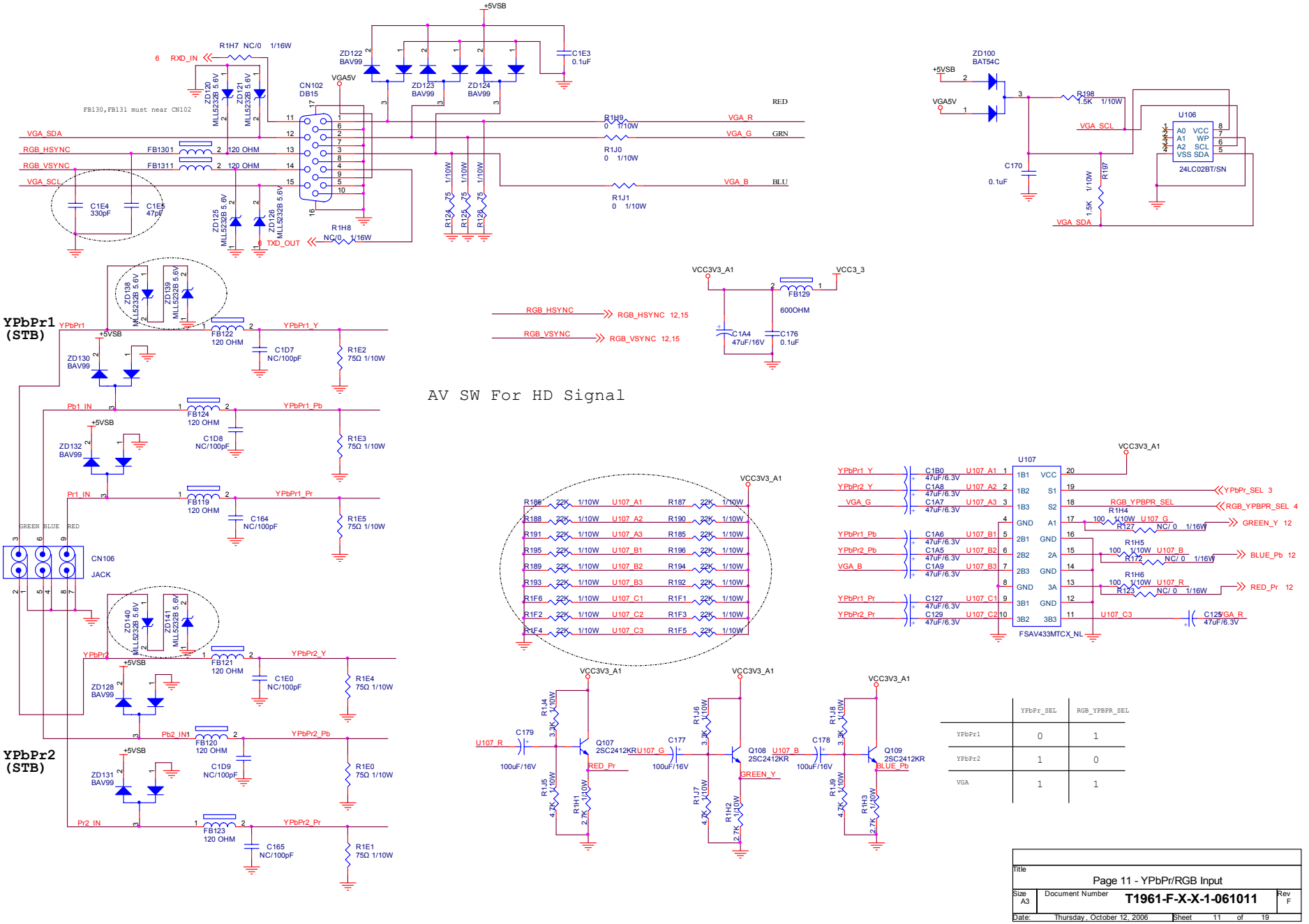
Video Decoder I/F

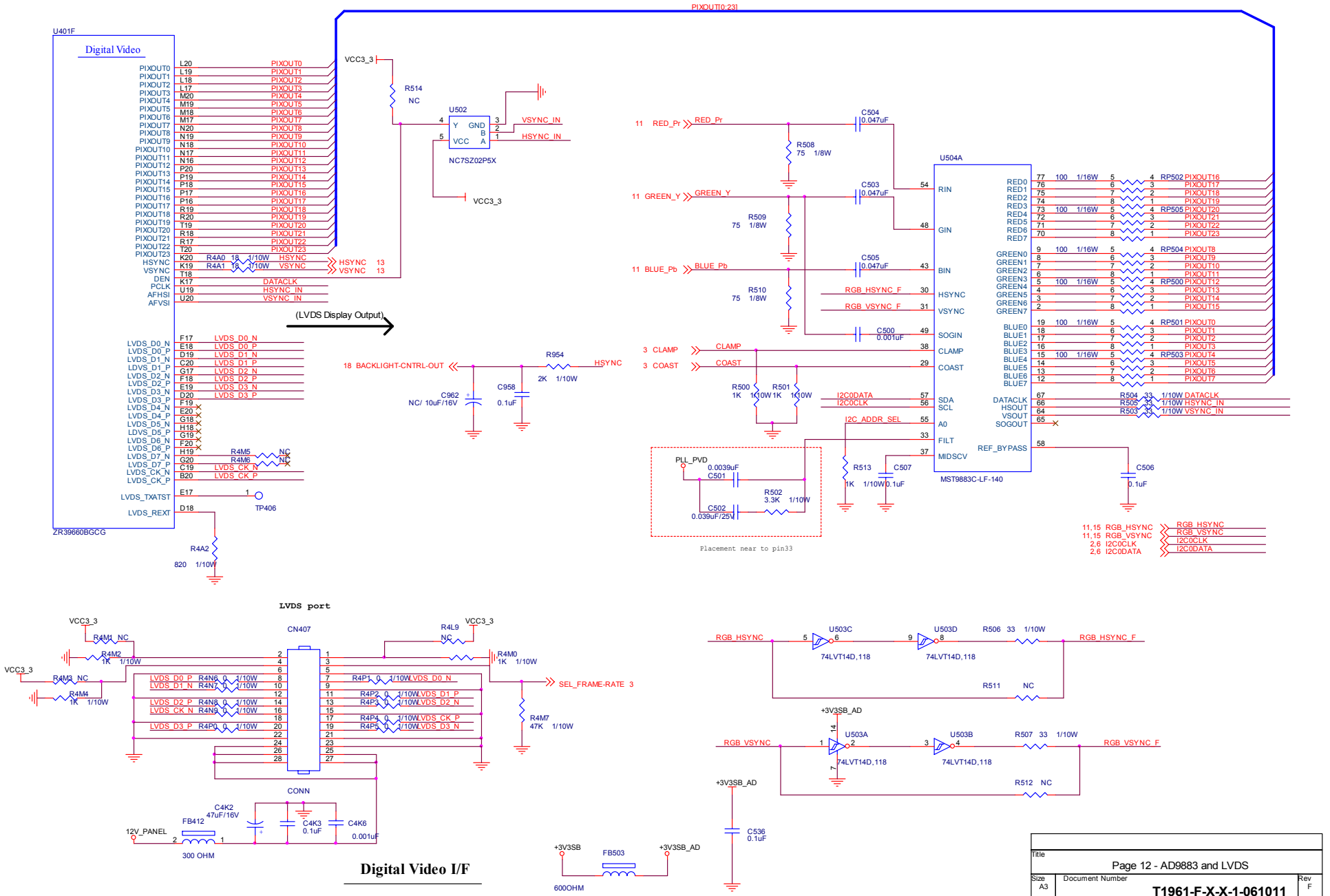
Title	Page 09 - Video decoder I/F		
Size A3	Document Number T1961-F-X-X-1-061011		Rev F
Date: Wednesday, October 11, 2006	Sheet 9 of 19		

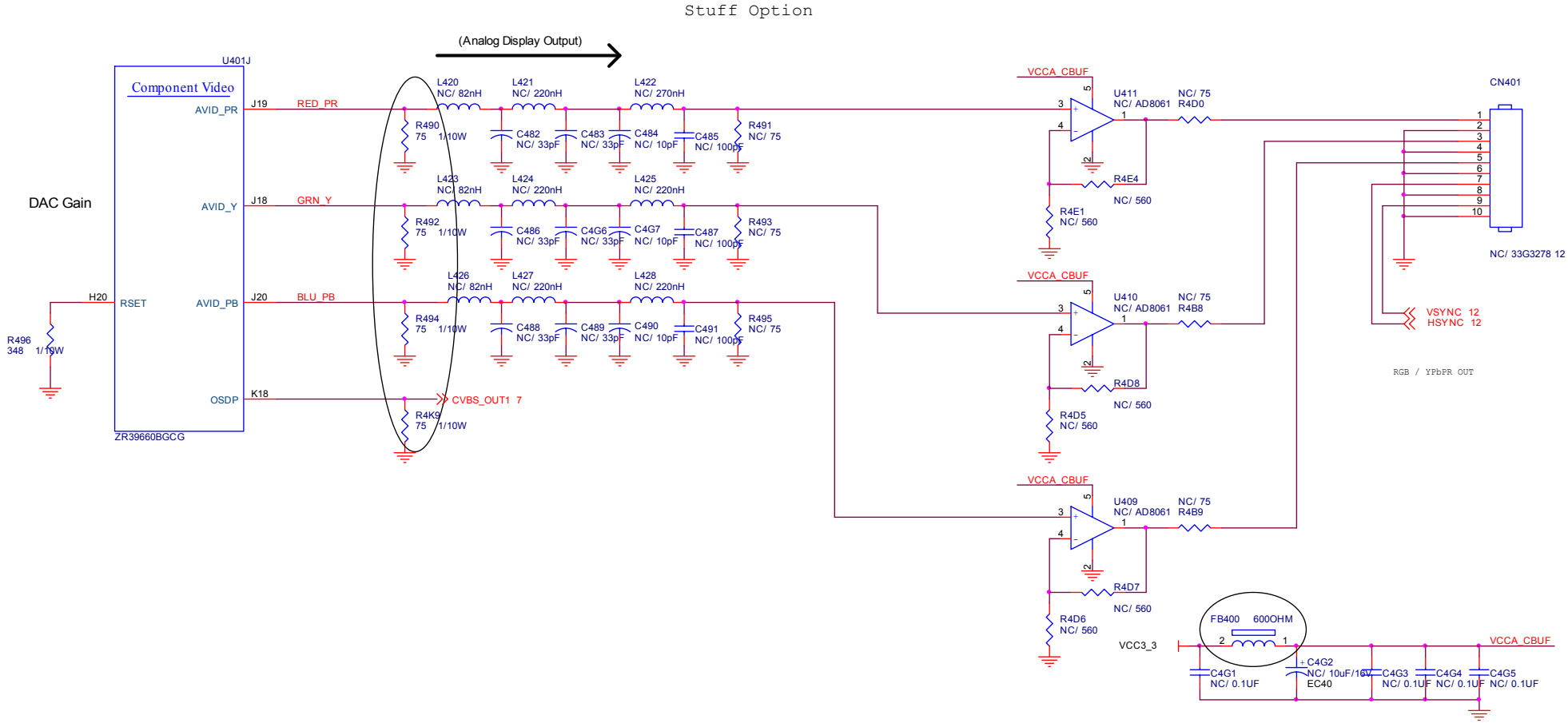


HDMI I/F

Title	Page 10 - HDMI I/F	
Size B	Document Number T1961-F-X-X-1-061011	Rev F
Date: Wednesday , October 11, 2006	Sheet 10 of 19	

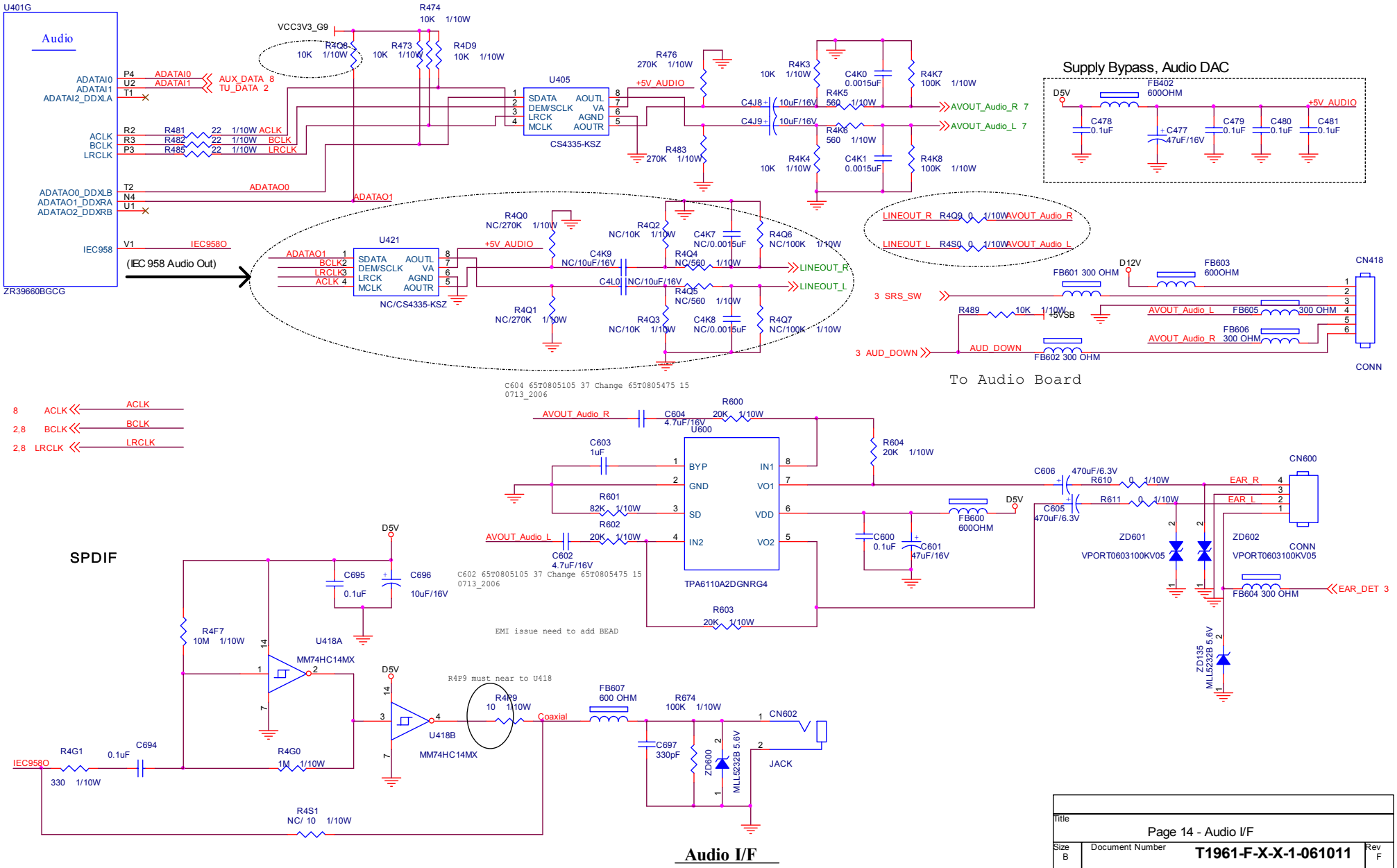

AV SW For HD Signal
YPbPr1 (STB)
YPbPr2 (STB)
CN102 DB15
CN106 JACK
U107
FSAV433MTCX_NL
U106
24LC02BT/SN
Q107 2SC2412KR
Q108 2SC2412KR
Q109 2SC2412KR
YPbPr_SEL
RGB_YPBPR_SEL
YPbPr1 0 1
YPbPr2 1 0
VGA 1 1
Title
Page 11 - YPbPr/RGB Input
Size A3
Document Number T1961-F-X-X-1-061011
Rev F
Date: Thursday, October 12, 2006
Sheet 11 of 19


U401F
Digital Video
ZR39660BGCG
PIXOUT[0:23]
VCC3_3
R514
NC
U502
NC7SZ02P5X
VSYNC_IN
HSYNC_IN
(LVDS Display Output)
LVDS_TXATST
LVDS_REXT
TP406
R4A2
820 1/10W
U504A
MST9883C-LF-140
RED_Pr
GREEN_Y
BLUE_Pb
R508
R509
R510
75 1/8W
C504
C503
C505
0.047uF
C500
0.001uF
RGB_HSYNC_F
RGB_VSYNC_F
CLAMP
COAST
I2C0DATA
I2C0CLK
I2C_ADDR_SEL
R500
R501
1K 1/10W
R954
2K 1/10W
C962
NC/ 10uF/16V
C958
0.1uF
PLL_PVD
C501
0.0039uF
C502
0.039uF/25V
R502
3.3K 1/10W
R513
1K 1/10W
C507
0.1uF
C506
0.1uF
REF_BYPASS
Placement near to pin33
LVDS port
CN407
CONN
SEL_FRAME_RATE 3
R4M7
47K 1/10W
12V_PANEL
FB412
300 OHM
C4K2
47uF/16V
C4K3
0.1uF
C4K6
0.001uF
Digital Video I/F
+3V3SB
FB503
600OHM
+3V3SB_AD
C536
0.1uF
U503A
U503B
U503C
U503D
74LVT14D,118
R506 33 1/10W
R507 33 1/10W
R511 NC
R512 NC
RGB_HSYNC
RGB_VSYNC
RGB_HSYNC_F
RGB_VSYNC_F
Title
Page 12 - AD9883 and LVDS
Size A3
Document Number
T1961-F-X-X-1-061011
Rev F
Date: Thursday, October 12, 2006
Sheet 12 of 19

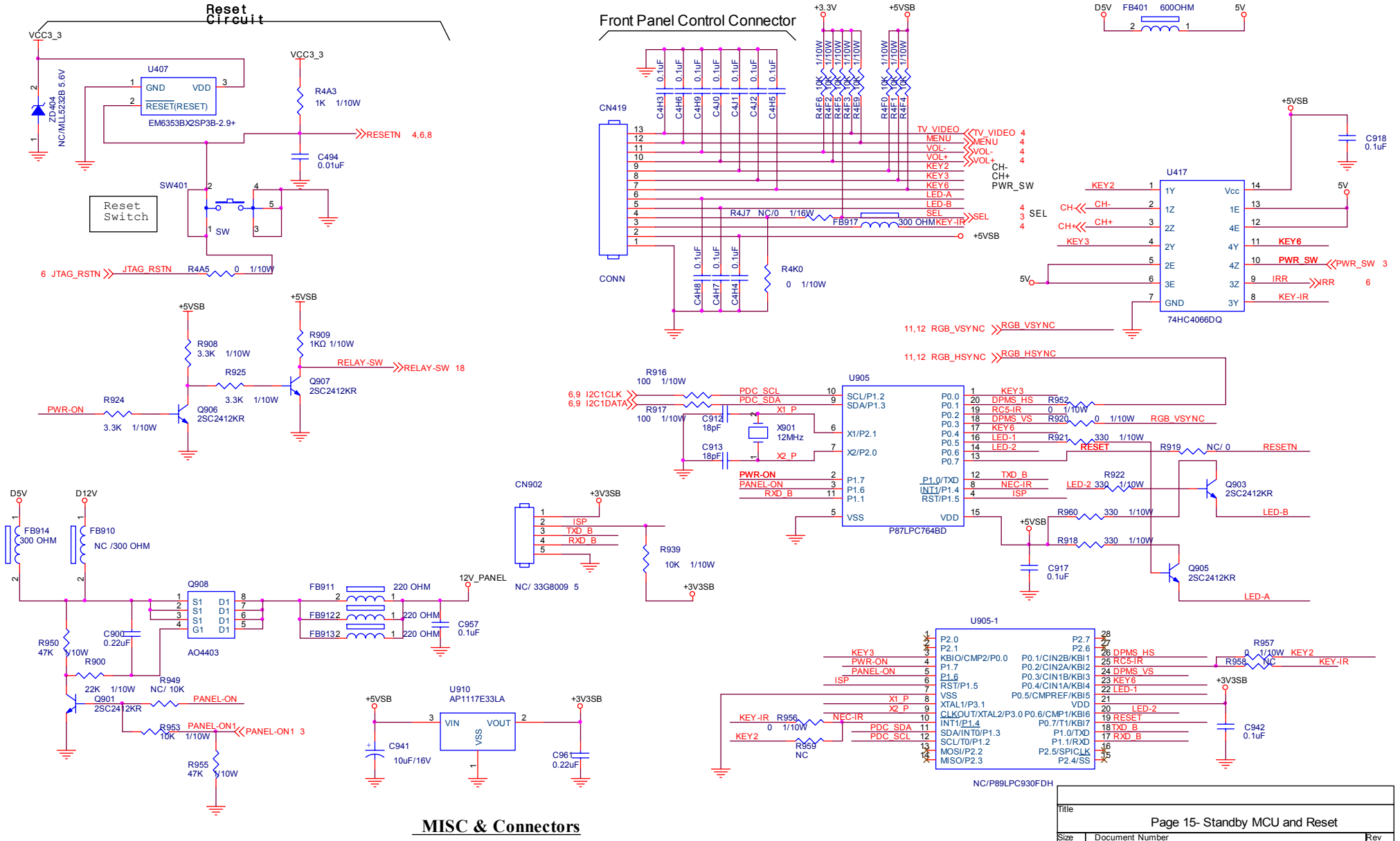


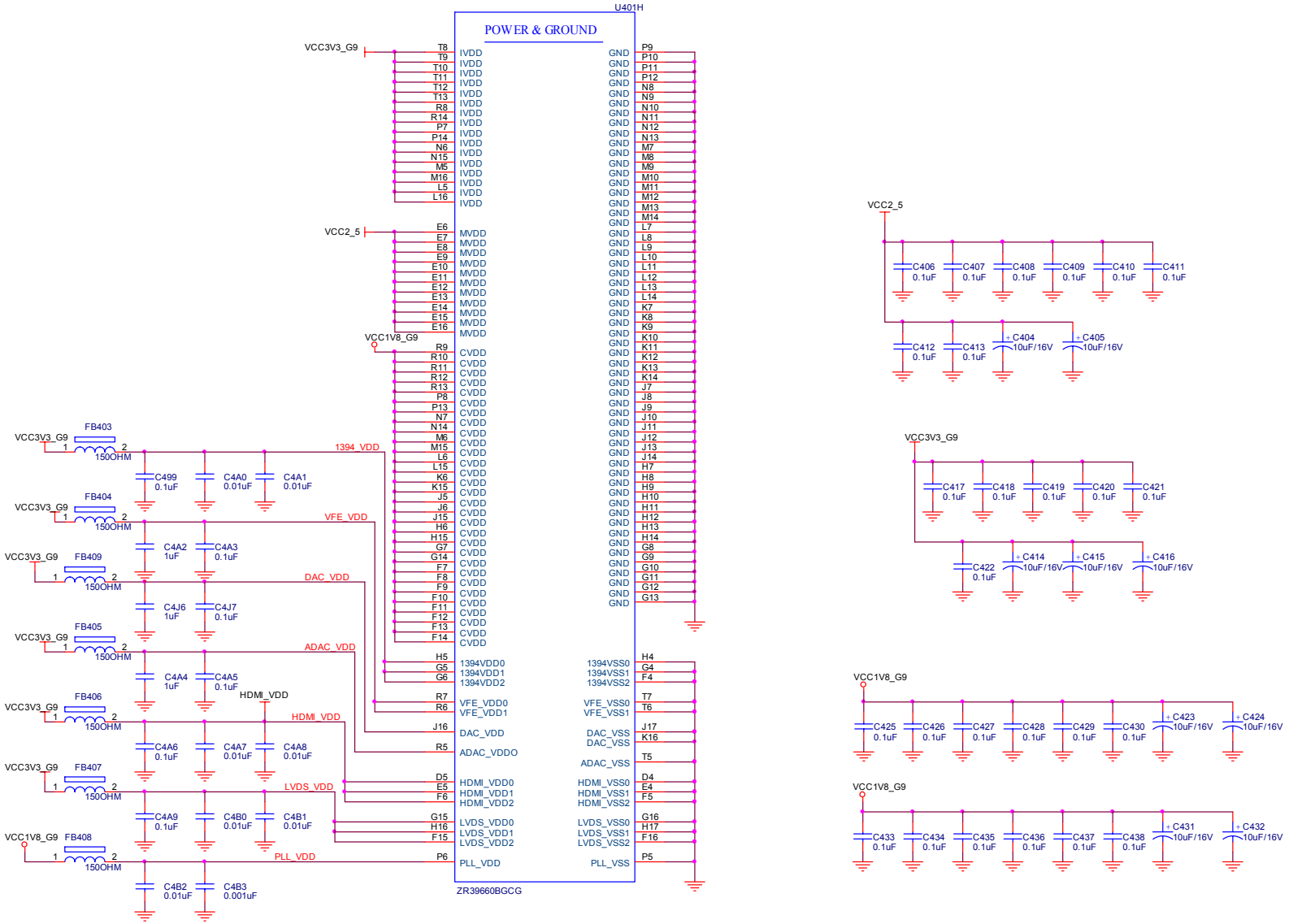
Component Video I/F

Title	Page 13 - YPbPr Output		
Size B	Document Number	T1961-F-X-X-1-061011	Rev F
Date: Friday, November 03, 2006	Sheet 13 of 19		



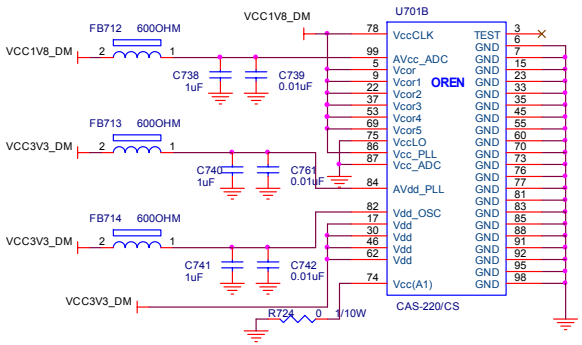
Title	Page 14 - Audio I/F		
Size B	Document Number	T1961-F-X-X-1-061011	Rev F
Date: Wednesday, October 11, 2006	Sheet 14 of 19		


Reset Circuit
Front Panel Control Connector
MISC & Connectors
Reset Switch
U407
EM6353BX2SP3B-2.9+
RESETN 4,6,8
JTAG_RSTN
CN419
CONN
TV_VIDEO
MENU
VOL-
VOL+
KEY2
KEY3
KEY6
LED-A
LED-B
SEL
PWR_SW
CH-
CH+
U417
74HC4066DQ
RGB_VSYNC
RGB_HSYNC
U905
P87LPC764BD
PWR-ON
PANEL-ON
RXD_B
TXD_B
NEC-IR
ISP
RESET
RESETN
LED-1
LED-2
Q903
Q905
Q906
Q907
Q908
AO4403
Q901
2SC2412KR
RELAY-SW
PANEL-ON1
12V_PANEL
CN902
NC/ 33G8009 5
U910
AP1117E33LA
U905-1
NC/P89LPC930FDH
Title
Page 15- Standby MCU and Reset
Size B
Document Number
T1961-F-X-X-1-061011
Rev F
Date: Thursday, October 12, 2006
Sheet 15 of 19

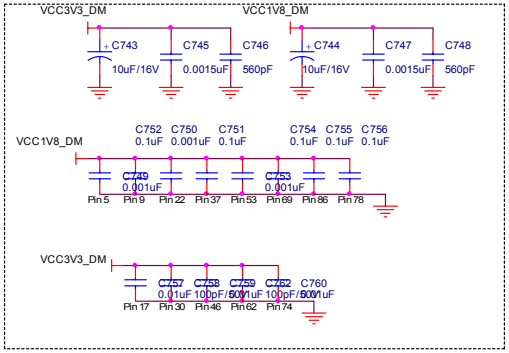


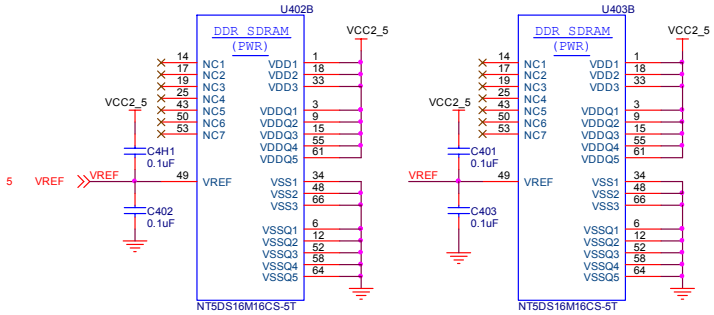
Power and Ground 1

Title	Page 16 - Power and Ground 1		
Size A3	Document Number	T1961-F-X-X-1-061011	Rev F
Date: Wednesday , October 11, 2006	Sheet 16 of 19		

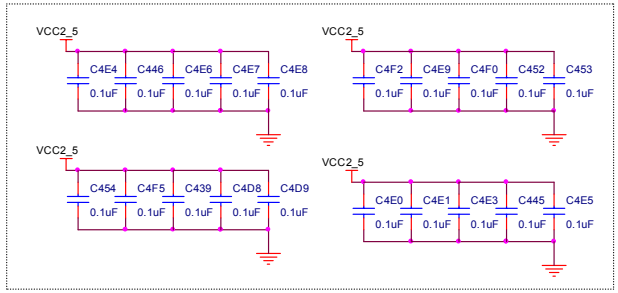


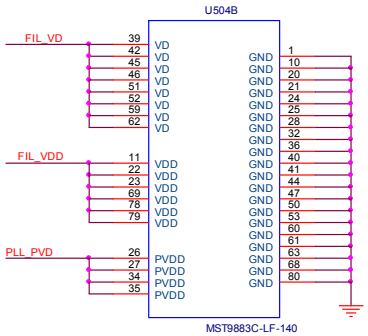
Supply Bypass, Tuner Demodulator

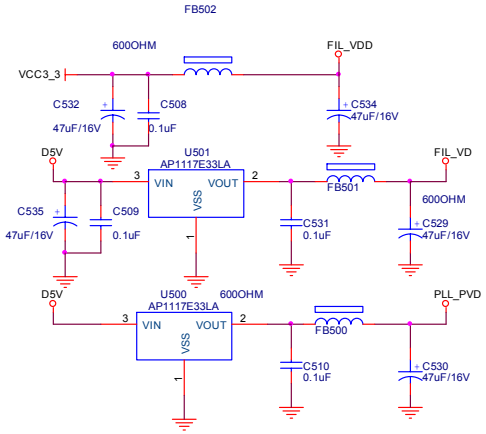




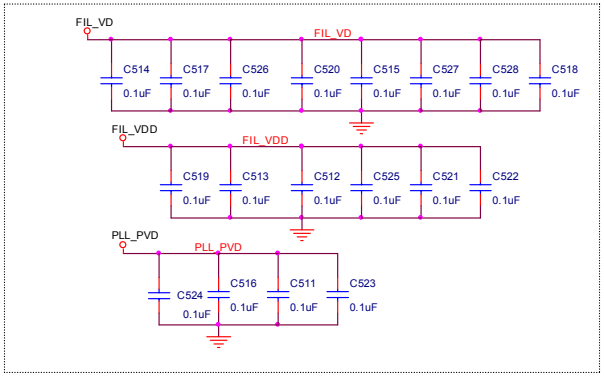
DDR Bypass Caps





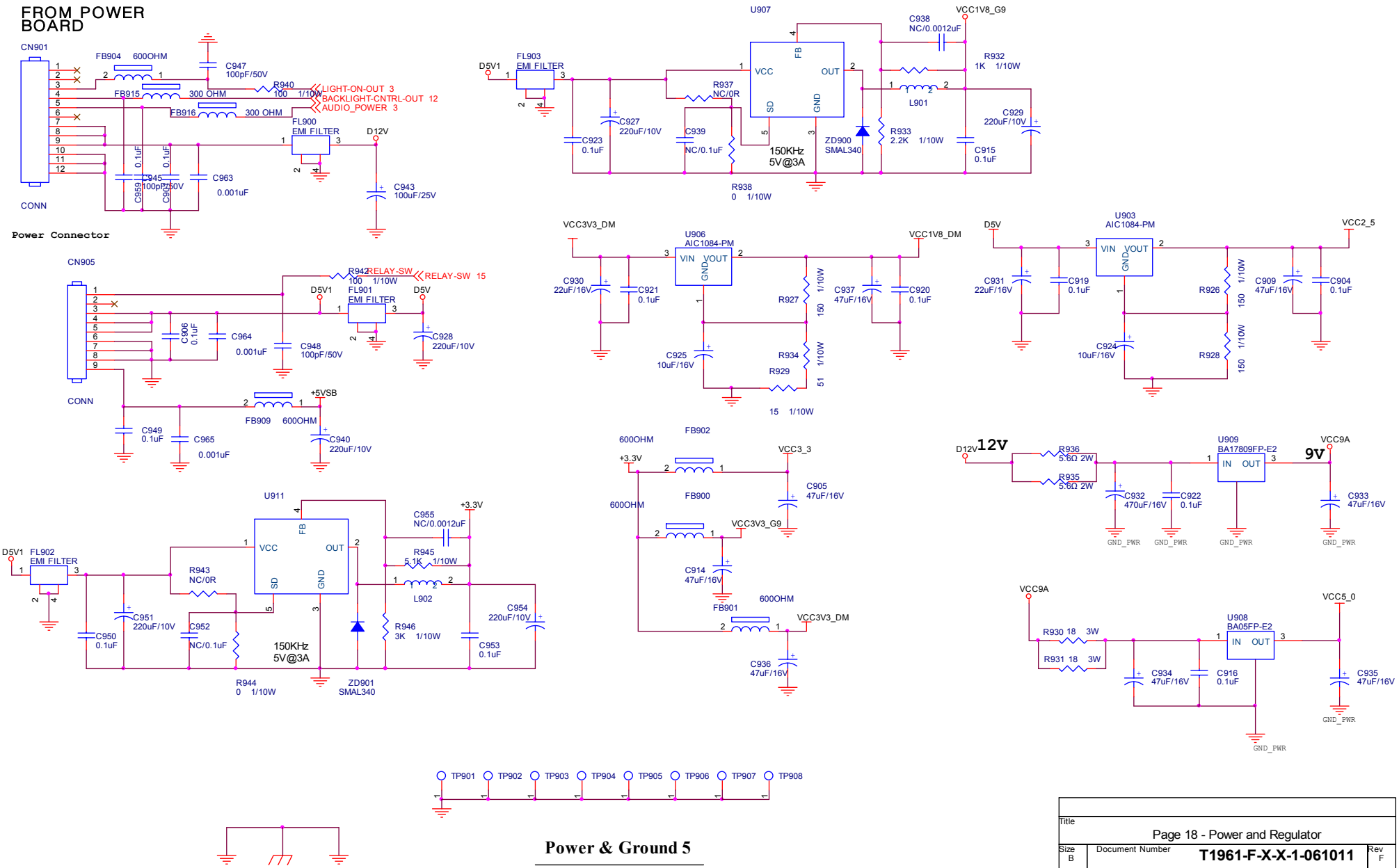


Supply Bypass, A/D Converter



Power and Ground 2

Title	Page 17 - Power and Ground 2		
Size A3	Document Number	T1961-F-X-X-1-061011	Rev F
Date: Wednesday, October 11, 2006	Sheet 17 of 19		


FROM POWER BOARD
CN901
FB904 600OHM
C947 100pF/50V
R940 100 1/10W
LIGHT-ON-OUT 3
BACKLIGHT-CNTRL-OUT 12
AUDIO_POWER 3
FB915 300 OHM
FB916 300 OHM
FL900 EMI FILTER
D12V
C945 100pF/50V
C963 0.001uF
C943 100uF/25V
CONN
Power Connector
U907
VCC1V8_G9
C938 NC/0.0012uF
FL903 EMI FILTER
D5V1
R937 NC/0R
R932 1K 1/10W
L901
C927 220uF/10V
C939 NC/0.1uF
C923 0.1uF
150KHz 5V@3A
ZD900 SMAL340
R933 2.2K 1/10W
C929 220uF/10V
C915 0.1uF
R938 0 1/10W
CN905
R942 100 1/10W
RELAY-SW
RELAY-SW 15
FL901 EMI FILTER
D5V
C906 0.1uF
C964 0.001uF
C948 100pF/50V
C928 220uF/10V
CONN
+5VSB
FB909 600OHM
C940 220uF/10V
C949 0.1uF
C965 0.001uF
U906 AIC1084-PM
VCC3V3_DM
VCC1V8_DM
C930 22uF/16V
C921 0.1uF
R927
C937 47uF/16V
C920 0.1uF
C925 10uF/16V
R934
R929
15 1/10W
U903 AIC1084-PM
D5V
VCC2_5
C931 22uF/16V
C919 0.1uF
R926
C909 47uF/16V
C904 0.1uF
C924 10uF/16V
R928
U911
D5V1 FL902 EMI FILTER
R943 NC/0R
C955 NC/0.0012uF
+3.3V
R945 5.1K 1/10W
L902
C951 220uF/10V
C952 NC/0.1uF
C950 0.1uF
150KHz 5V@3A
R946 3K 1/10W
C954 220uF/10V
C953 0.1uF
R944 0 1/10W
ZD901 SMAL340
FB902
600OHM
+3.3V
VCC3_3
C905 47uF/16V
FB900
VCC3V3_G9
C914 47uF/16V
FB901
600OHM
VCC3V3_DM
C936 47uF/16V
D12V
12V
R936 5.6Ω 2W
R935 5.6Ω 2W
U909 BA17809FP-E2
VCC9A
9V
C932 470uF/16V
C922 0.1uF
C933 47uF/16V
GND_PWR
VCC9A
R930 18 3W
R931 18 3W
U908 BA05FP-E2
VCC5_0
C934 47uF/16V
C916 0.1uF
C935 47uF/16V
TP901 TP902 TP903 TP904 TP905 TP906 TP907 TP908
Power & Ground 5
Title
Page 18 - Power and Regulator
Size B
Document Number T1961-F-X-X-1-061011
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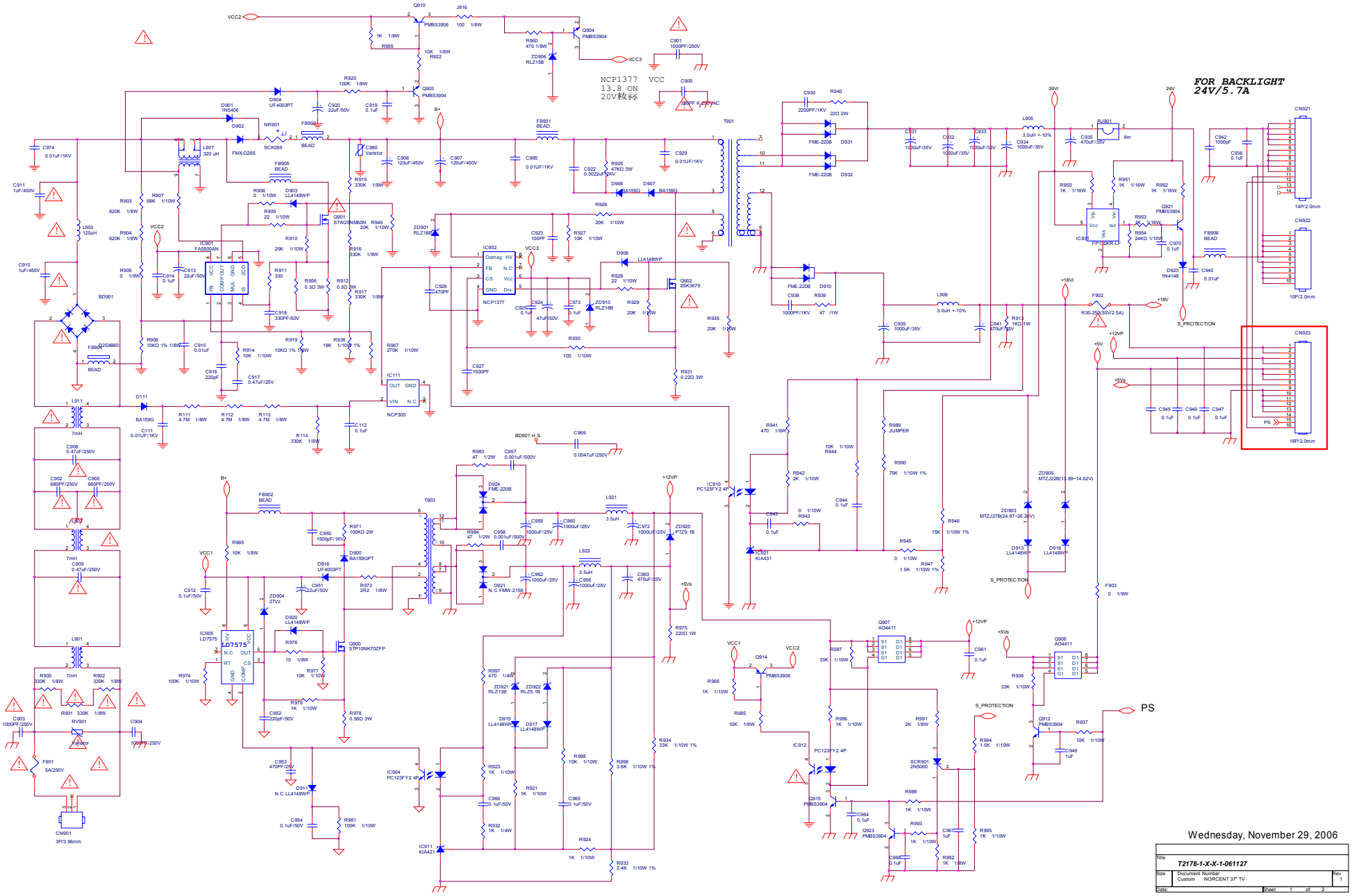
Sheet 18 of 19

9.2 Power Board

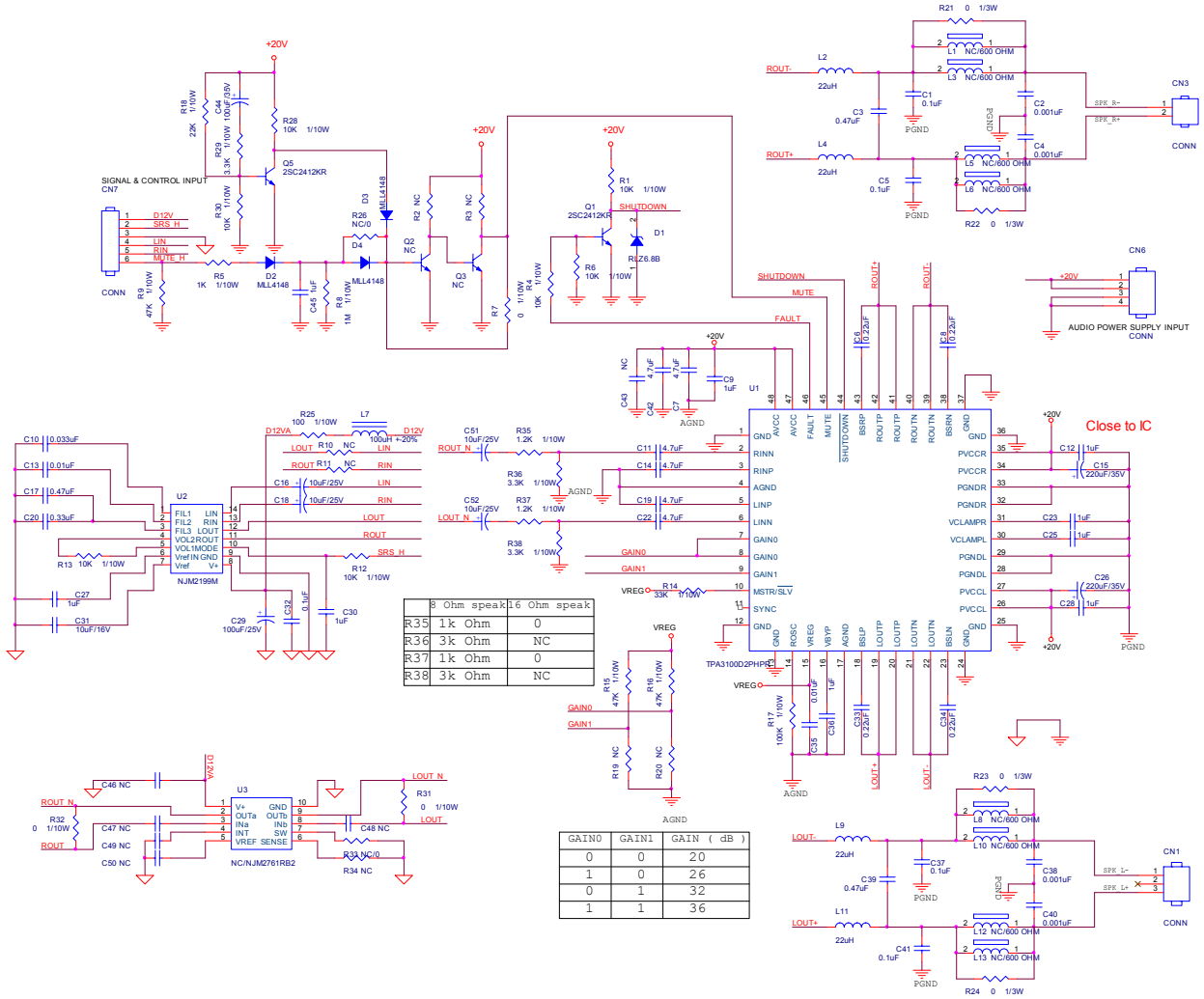


9.3 Audio Board

FAULT	TPA3100D2
L (0V~0.8V)	ACTIVE
H (2V~VDD)	FAULT

SHUTDOWN	TPA3100D2
L (0V~0.8V)	SHUTDOWN
H (2V ~ VDD)	ACTIVE

MUTE	TPA3100D2
L (0V~0.8V)	ACTIVE
H (2V~VDD)	MUTE

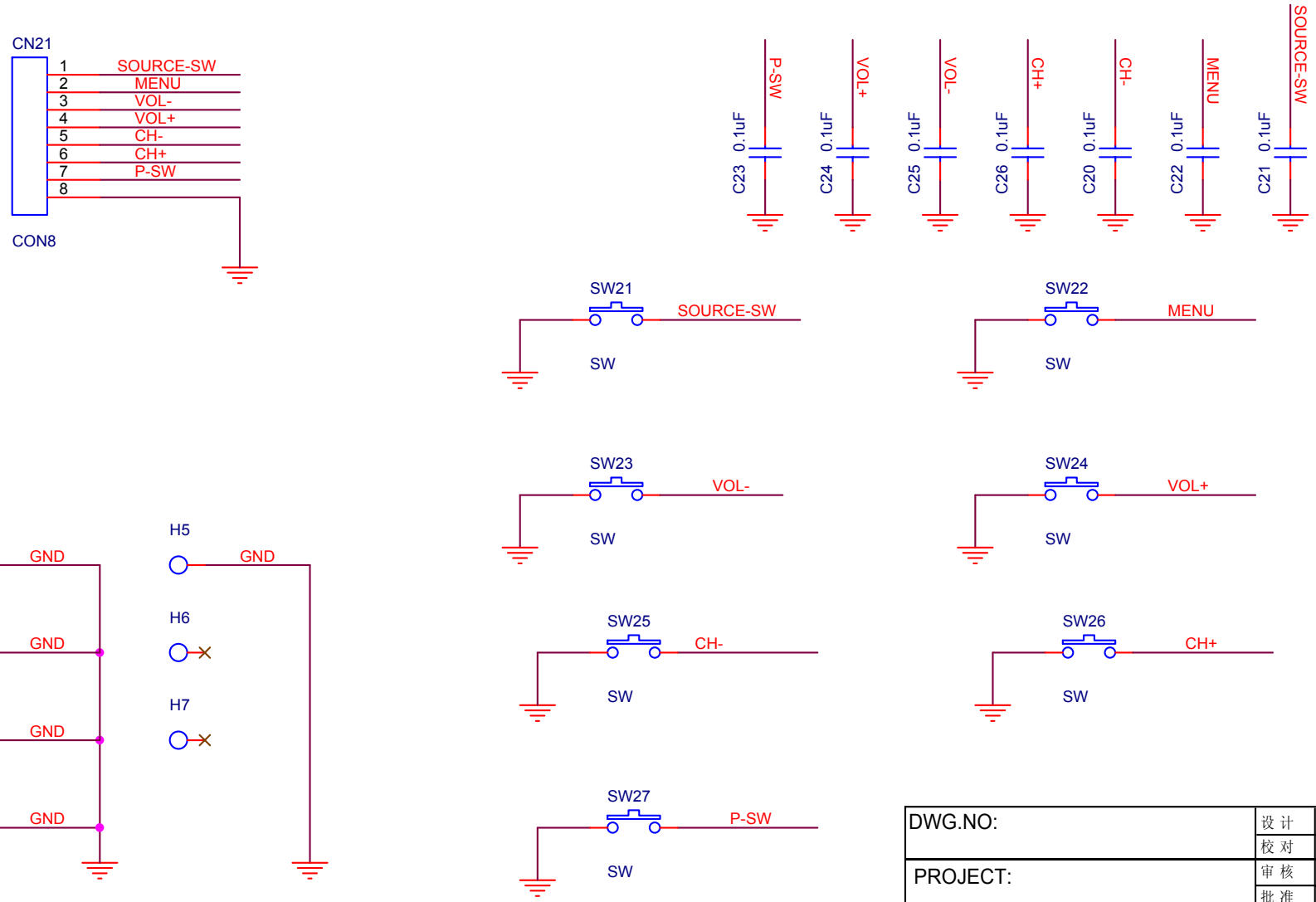


	8 Ohm speak	16 Ohm speak
R35	1k Ohm	0
R36	3k Ohm	NC
R37	1k Ohm	0
R38	3k Ohm	NC

GAIN0	GAIN1	GAIN (dB)
0	0	20
1	0	26
0	1	32
1	1	36

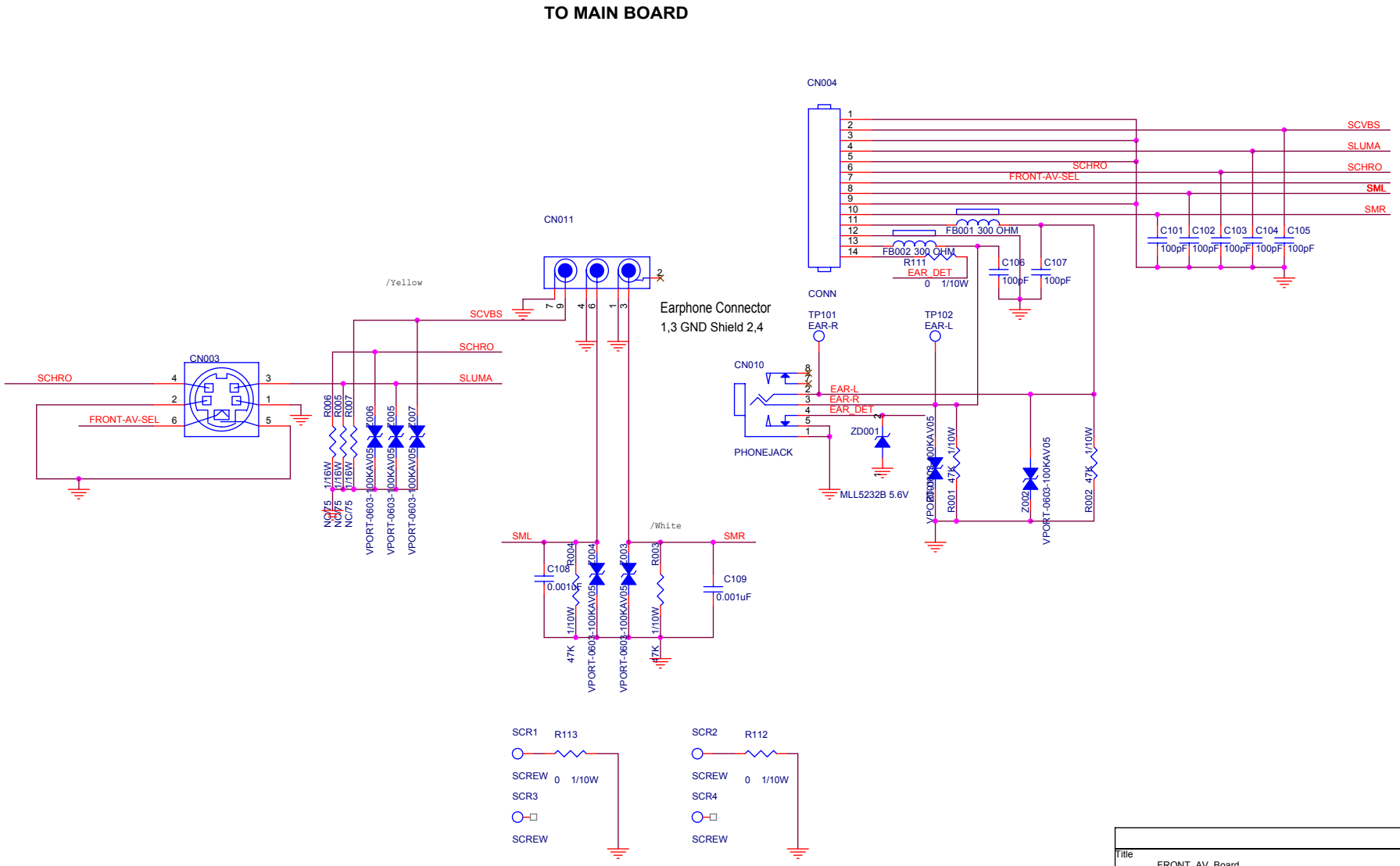
Title	PAGE 01 AUDIO POWER AMP.
Size: Custom	Document Number: T2091-C-X-X-1-060906
Rev: C	
Date: Tuesday, September 05, 2006	Sheet 1 of 2

9.4 Key Board



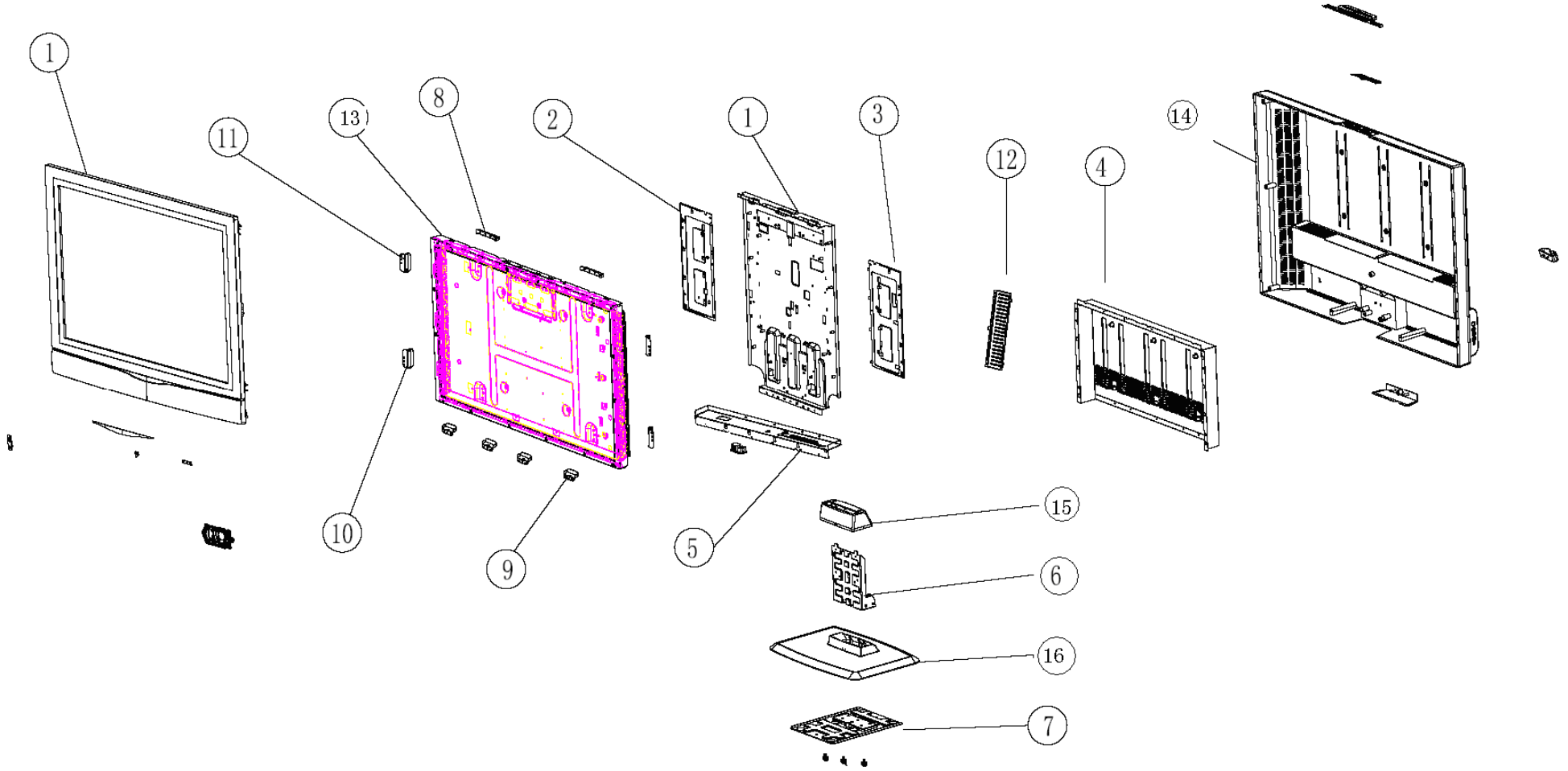
DWG.NO:		设 计	
		校 对	
PROJECT:		审 核	
		批 准	
Size A	Document Number KEYBOARD FOR 40"&50" PDP	715T1966-	Rev A
Date: Thursday, January 26, 2006		Sheet 1 of 1	

9.5 Side Board



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

10. Exploded View



Item	Part No.	Description
1	Q15T8335 4	MAIN FRAME
2	Q15T8336 6	PCB BKT RIGHT
3	Q15T8336 5	PCB BKT LEFT
4	Q85T 746 3	SHIELD COVER
5	Q15T8334 2	BKT CONNECTOR
6	Q15T8340 1	STAND-BKT
7	Q15T8341 1	BASE-BKT
8	Q15T8337 1	BKT_AU066_TOP
9	Q15T8339 1	BKT_AU066_BOTTOM
10	Q15T8338 2	BKT_AU066_LEFT_MID
11	Q15T8338 1	BKT_AU066_LEFT_UP_MID
12	Q85T 747 1	SHIELD COVER
13	Q34T1854 RGC2L	BEZEL
14	Q34T1855 GMB4L	REAR COVER
15	034T1857 RG 1L	STAND
16	Q34T1858 RG 1L 20	BASE

11. BOM List

E376AZNKD2NRNCP

Location	Part NO.	Description
	026T 800504 5	BARCODE
	034T1856 GM 1L	REAR BOTTOM COVER
	040T 457842 2B	PALLET LABEL
	044T6002608 1A	PAPER BOARD
	044T6002608 7A	PAPER BOARD
	044T9003169	CORNER PAPER
	045T 99606 2	PE BAG FOR BASE
	045T 99609 3	EPE COVER
	045T 99609 5	EPE COVER FOR BASE
	052T 1185	MIDDLE TAPE FOR CARTON
	052T 1186	SMALL TAPE
	052T 1211 B	ADHESIVE TYPE
	078T 451 1	NO APP
	089T 173 56507	AUDIO CABLE
	089T 728HAA 1	SIGNAL CBALE
	089T402A18N IS	POWER CORD
	092TB1JX1A21GM	BATTERY LR06 XINLI
	095T8013 3 38	WIRE HARNESS
	095T8013 6 28	HARNESS 6P-6P 200mm
	095T8013 2D534	WIRE HARNESS
	095T8013 3D542	WIRE HARNESS
	095T801410D545	WIRE HARNESS
	095T801413D621	WIRE HARNESS
	095T801414D677	WIRE HARNESS
	095T801414D681	WIRE HARNESS
	095T801416DH12	WIRE HARNESS
	095T8018 30122	HARNESS 30P-28P 350mm
	098TR7BDINENCF	Remote FUHUA for Norcent
	0D1T 940 6120	SCREW
	0D1T 940 10 47 CR3	SCREW
	0D1T1140 8128 CR3	SCREW
	0D1T1730 8128 CR3	SCREW
	0M1T 850 15128 CR3	SCREW
	0M1T 940 12120	SCREW
	0M1T 940 16120	SCREW
	0M1T1740 18128 CR3	SCREW
	0Q1T 330 6128 CR3	SCREW
	0Q1T 340 10 47 CR3	SCREW
	0Q1T1840 10120	SCREW
	705TQLK0B34005	REAR COVER ASS'Y
	015T6184 1	Kensington lock
	033T4980 GM 1L	CABLE CLIP
	095T 900 80	WIRE HARNESS
	0Q1T1030 10128 CR3	SCREW
	PTPFFA1P	SIDE BOARD
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
	SMTPTPFFA1P	SIDE BOARD FOR SMT
R112	061T0603000	CHIP 0OHM 1/16W
R111	061T0603000	CHIP 0OHM 1/16W
R113	061T0603000	CHIP 0OHM 1/16W
R003	061T0603473	CHIP 47KOHM 1/16W
R002	061T0603473	CHIP 47KOHM 1/16W
R001	061T0603473	CHIP 47KOHM 1/16W
R004	061T0603473	CHIP 47KOHM 1/16W
C105	065T0603101 31	CHIP 100PF 50V NPO
C106	065T0603101 31	CHIP 100PF 50V NPO
C107	065T0603101 31	CHIP 100PF 50V NPO
C102	065T0603101 31	CHIP 100PF 50V NPO
C103	065T0603101 31	CHIP 100PF 50V NPO
C104	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
FB001	071T 56G301 EA	CHIP BEAD 300 OHM 0805
FB002	071T 56G301 EA	CHIP BEAD 300 OHM 0805
Z007	093T 64 37 N	V-PORT-0603-100K V05
Z006	093T 64 37 N	V-PORT-0603-100K V05
Z005	093T 64 37 N	V-PORT-0603-100K V05
Z004	093T 64 37 N	V-PORT-0603-100K V05
Z003	093T 64 37 N	V-PORT-0603-100K V05
Z002	093T 64 37 N	V-PORT-0603-100K V05
Z001	093T 64 37 N	V-PORT-0603-100K V05
PCB	715T1967 1	SIDE BOARD PCB
	Q34T1855 GMB4L	REAR COVER
	705TQLK0F34008	BEZEL ASS'Y
	033T5022 1 C	LENS POWER
	095T8014 3 23	WIRE HARNESS
	0Q1T 330 6128 CR3	SCREW
	IRPF6AA7	IR BOARD T2174-A-X-X-1-061108
CN02	033T3802 3	WAFER EH-3
CN01	033T3802 5	AUDIO IN
U01	056T 627 14	NO APP KSM-2003LN2E BY KOD
	SMTIRPF6AA7	IR BOARD FOR SMT 37" TV
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 A	IR BOARD PCB
	IRPF6AA8	IR BOARD
CN03	033T3802 3	WAFER EH-3
D01	081T 12 1 GP	LED GP32032M/R003-ZY-33
	SMTIRPF6AA8	IR BOARD FOR SMT
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 A	IR BOARD PCB
	KEPFFA7P	KEY BOARD
SW26	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW27	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW23	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW21	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW22	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW24	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
SW25	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
KEY BOARD	SMTKEPFFA7P	KEY BOARD FOR SMT
CN21	033T8032 8S	WAFER
C24	065T0603104 32	CHIP 0.1UF 50V X7R
C25	065T0603104 32	CHIP 0.1UF 50V X7R
C26	065T0603104 32	CHIP 0.1UF 50V X7R
C20	065T0603104 32	CHIP 0.1UF 50V X7R
C21	065T0603104 32	CHIP 0.1UF 50V X7R
C22	065T0603104 32	CHIP 0.1UF 50V X7R
C23	065T0603104 32	CHIP 0.1UF 50V X7R
PCB	715T1966 1	KEY BOARD PCB
	Q33T4977 RGB1L	BUTTON FUNCTION
	Q33T5021 ED 1C	REMOTE LENS
	Q34T1854 RGC2L	BEZEL
	Q34T1859 GMD1L	BUTTON COVER
	Q44T3121510524	SPONGE
	Q44T3231 21 9	CR WASHER
	Q44T3231 21 10	CR WASHER
	705TQLK0M34004	SOCKECT ASS'Y
	002T6022 1	SCREW NUTS
	077T 306 26 RF	ROCKER SWICH+SOCKET
	088T 303 6A 1	PALL+RCA CONN
	095T 900 76	WIRE
	095T 900 81	WIRE HARNESS
	095T8021 3 28	WIRE HARNESS
	Q15T8334 2	BKT CONNECTOR
	705TQLK0P34007	STAND ASS'Y
	012T 394 4	RUBBER FOOT
	034T1857 RG 1L	STAND
	0D1T 940 6120	SCREW
	0D1T 940 10 47 CR3	SCREW
	0Q1T 140 10120	SCREW
	Q15T8340 1	STAND-BKT
	Q15T8341 1	BASE-BKT
	Q34T1858 RG 1L 20	BASE
	750TVUQ0W1111N000E	PANEL T370XW01 V1 NORCENT AUO
	ADPF24240B1P	ADAPTOR BOARD
CN922	033T3802 10	PLUG
CN921	033T3802 14	CONN
CN923	033T3802 16	WAFER
CN901	033T8029 3A	WAFER 2P 3.96MM
	040T 45762420A	S/N LABEL

IC904	056T 139 3A	PC123Y22FZOF
IC910	056T 139 3A	PC123Y22FZOF
IC912	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
C907	067T 4012115K	105℃ 120UF M 450V KINGNICHI
C906	067T 4012115K	105℃ 120UF M 450V KINGNICHI
C939	067T215L102 6N	KY35VB1000M-L 5*25MM
C934	067T215L102 6N	KY35VB1000M-L 5*25MM
C933	067T215L102 6N	KY35VB1000M-L 5*25MM
C932	067T215L102 6N	KY35VB1000M-L 5*25MM
C931	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
L907	073T 174 83 T	LINE FILTER TDK
L911	073T 174 86 T	LINE FILTER 7mH TDK
L902	073T 174 86 T	LINE FILTER 7mH TDK
L901	073T 174 86 T	LINE FILTER 7mH TDK
L921	073T 253 91 LS	CHOKE BY LI SHIN
L922	073T 253 91 LS	CHOKE BY LI SHIN
L905	073T 253150 L	CHOCK
L906	073T 253155 L	CHOKE
T903	080TL37T 1 T	XFMR FOR POWER TDK
T901	080TL37T 9 T	X'FMR 800uH SRW4220EC-T14H017
RJ901	095T 90 26	WIRE HARNESS
	705T3724057001	37" LCD TV POWER ASS'Y
Q900	057T 667 21	STP10NK70ZFP
	090T 426501	HEAT SINK
	0M1T1730 8128 CR3	SCREW
	705T3724057002	37" LCD TV POWER ASS'Y
Q902	057T 600 35	STP8NK80ZFP BY ST TO-220FP
	0M1T1730 8128 CR3	SCREW
	Q90T 425700	HEAT SINK
R912	705T3724061030	0.3OHM/3W ASS'Y
	061T153M308 59	RST MOFR 0.3OHM +-5% 3WS
	096T 29 1	SHRINK TUBE UL/CSA
R978	705T3724061056	0.56OHM/3W ASS'Y
	061T153M568 59	RST MOFR 0.56 OHM +-5% 3WS
	096T 29 1	SHRINK TUBE UL/CSA
R939	705T3724061470	47OHM/1W ASS'Y
	061T 20847058F GP	47 OHM 1W
	096T 29 6	SHRINK TUBE UL/CSA
	705T3724093001	37" LCD TV POWER ASS'Y
D910	093T 60258	FME-220B TO-220 SANKEN
D932	093T 60258	FME-220B TO-220 SANKEN

D931	093T 60258	FME-220B TO-220 SANKEN
	0M1T1730 8128 CR3	SCREW
	Q90T6321 1	HEAT SINK
	705T3724093002	37" LCD TV POWER ASS'Y
	090T 425501	HEAT SINK
D924	093T 60258	FME-220B TO-220 SANKEN
D921	093T1506 2	FMW-2156
	0M1T1730 8128 CR3	SCREW
	705T3724093003	ASS'Y
	090T 426500	HEAT SINK
BD901	093T 50460 19	BRIDGE D25XB60 25A 600V
	0M1T1730 8128 CR3	SCREW
R931	705TQLK0 61003	R931 ASS'Y
R931	061T153M228 59	0.22 OHM 3W
	096T 29 1	SHRINK TUBE UL/CSA
	705TQLK0C65002	A4 FOR ADAPTER ASS'Y
RV901	061T 46 12 GP	VARISTOR 680V TNR15G681K
C980	061T 46 12 GP	VARISTOR 680V TNR15G681K
NR901	061T 58050 WT GP	NTCR 5 OHM
C908	063T107K474 HS	X2 CAP 0.47UF K 275VAC
C909	063T107K474 HS	X2 CAP 0.47UF K 275VAC
C910	063T213J105GFA	MPF CAP
C911	063T213J105GFA	MPF CAP
C900	065T306K3312F2	Y1 330PF K 250VAC
C902	065T306K6812F2	Y1 680PF K 250VAC
C905	065T306K6812F2	Y1 680PF K 250VAC
C901	065T306M1022F2	Y1 1000PF M 250VAC
C903	065T306M1022F2	Y1 1000PF M 250VAC
C904	065T306M1022F2	Y1 1000PF M 250VAC
C969	065T306M4722BM	4700PF +-20% 400VAC
C956	067T215L102 4N	KY25VB1000M-L 12.5*20
C959	067T215L102 4N	KY25VB1000M-L 12.5*20
C960	067T215L102 4N	KY25VB1000M-L 12.5*20
C962	067T215L102 4N	KY25VB1000M-L 12.5*20
C972	067T215L102 4N	KY25VB1000M-L 12.5*20
C963	067T215L471 4N	KY25VB470M-L10*16
C935	067T215L471 6N	KY35VB470M-L 10*20MM
C941	067T215L471 6N	KY35VB470M-L 10*20MM
FB904	071T 55 29	BEAD
FB903	071T 55 29	BEAD
D901	093T 5241T52T	1N5406
D916	093T1020 752T	UF4003PT
D904	093T1020 752T	UF4003PT
D906	093T1100 1052T	BA159GPT
D907	093T1100 1052T	BA159GPT
	705TQLK1 57001	37" LCD TV POWER ASS'Y
	032T3028 5	MICA
Q901	057T 667 48	TRA STW25NM60N TO-247 ST
D902	093T 220 23	DIODE FMX-G26S TO-220 SANKEN
	0M1T1730 12128 CR3	SCREW
	Q90T6321 1	HEAT SINK

	SMTAD24240B1P	ADAFTER ASS'Y FOR SMT
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
Q903	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q904	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q915	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q921	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q923	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q912	057T 417 4	CHIP PMBS3904 BY PHILIPS
Q914	057T 417 6	PMBS3906/PHILIPS-SMT
Q910	057T 417 6	PMBS3906/PHILIPS-SMT
Q907	057T 763 3	AO4411L SO-8 BY AOS SMT
Q906	057T 763 3	AO4411L SO-8 BY AOS SMT
R953	061T0603102	CHIP 1K OHM 1/16W
R952	061T0603102	CHIP 1K OHM 1/16W
R951	061T0603102	CHIP 1K OHM 1/16W
R950	061T0603102	CHIP 1K OHM 1/16W
R954	061T0603243	RST CHIPR 24 KOHM +-5% 1/10W
R908	061T0805000	CHIP 0OHM 5% 1/10W
R945	061T0805000	CHIP 0OHM 5% 1/10W
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
R921	061T0805102	CHIP 1KOHM 1/10W
R923	061T0805102	CHIP 1KOHM 1/10W
R924	061T0805102	CHIP 1KOHM 1/10W
R966	061T0805102	CHIP 1KOHM 1/10W
R979	061T0805102	CHIP 1KOHM 1/10W
R986	061T0805102	CHIP 1KOHM 1/10W
R988	061T0805102	CHIP 1KOHM 1/10W
R993	061T0805102	CHIP 1KOHM 1/10W
R995	061T0805102	CHIP 1KOHM 1/10W
R998	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R977	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R944	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R927	061T0805103	RST CHIPR 10 KOHM +-5% 1/8W
R914	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	22&8 1/10W

R928	061T0805220	22&8 1/10W
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
F903	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
R905	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
ZD909	061T1206000	RST CHIPR 0 OHM +-5% 1/4W
R976	061T1206100	8.2 OHM 1/4W
J916	061T1206101	RST CHIPR 100 OHM +-5% 1/4W
R955	061T1206102	RST CHIPR 1 KOHM +-5% 1/4W
R922	061T1206103	RST CHIPR 10 KOHM +-5% 1/4W
R965	061T1206103	RST CHIPR 10 KOHM +-5% 1/4W
R985	061T1206103	RST CHIPR 10 KOHM +-5% 1/4W
R920	061T1206104	RST CHIPR 100 KOHM +-5% 1/4W
R991	061T1206202	RST CHIPR 2 KOHM +-5% 1/4W
R992	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
R113	061T1206475	RST CHIPR 4.7 MOHM +-5% 1/4W
R112	061T1206475	RST CHIPR 4.7 MOHM +-5% 1/4W
R111	061T1206475	RST CHIPR 4.7 MOHM +-5% 1/4W
R904	061T1206624	RST CHIPR 620 KOHM +-5% 1/4W
R903	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
C112	065T0805104 32	CHIP 0.1U 50V X7R
C912	065T0805104 32	CHIP 0.1U 50V X7R
C914	065T0805104 32	CHIP 0.1U 50V X7R
C919	065T0805104 32	CHIP 0.1U 50V X7R
C925	065T0805104 32	CHIP 0.1U 50V X7R
C936	065T0805104 32	CHIP 0.1U 50V X7R
C943	065T0805104 32	CHIP 0.1U 50V X7R
C944	065T0805104 32	CHIP 0.1U 50V X7R
C945	065T0805104 32	CHIP 0.1U 50V X7R
C946	065T0805104 32	CHIP 0.1U 50V X7R
C947	065T0805104 32	CHIP 0.1U 50V X7R

C954	065T0805104 32	CHIP 0.1U 50V X7R
C961	065T0805104 32	CHIP 0.1U 50V X7R
C964	065T0805104 32	CHIP 0.1U 50V X7R
C965	065T0805104 32	CHIP 0.1U 50V X7R
C966	065T0805104 32	CHIP 0.1U 50V X7R
C968	065T0805104 32	CHIP 0.1U 50V X7R
C973	065T0805104 32	CHIP 0.1U 50V X7R
C967	065T0805105 22	CHIP 1UF 25V X7R 0805
C948	065T0805105 32	1UF/50V
C927	065T0805152 22	CHIP 0.005UF 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
D911	093T 64 44 S	LL4148WP
D913	093T 64 44 S	LL4148WP
D915	093T 64 44 S	LL4148WP
D917	093T 64 44 S	LL4148WP
D918	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
D903	093T 60S 14 T	DIODE_1A/100V_B1100_SMA
D908	093T 60S 14 T	DIODE_1A/100V_B1100_SMA
D920	093T 60S 14 T	DIODE_1A/100V_B1100_SMA
	AIAD24240B1P	ADAPTER ASS'Y FOR AI
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
L902	006T 31502	1.5MM RIVET
L911	006T 31502	1.5MM RIVET
NR901	006T 31502	1.5MM RIVET
T903	006T 31502	1.5MM RIVET
C980	006T 31502	1.5MM RIVET
Q900	006T 31502	1.5MM RIVET

Q902	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
C957	065T517K102 5T	1000PF 10% Y5P 500V
C958	065T517K102 5T	1000PF 10% Y5P 500V
C913	067T 2152207NT	KY50VB22M-TP5 5*11
C920	067T 2152207NT	KY50VB22M-TP5 5*11
C951	067T 2152207NT	KY50VB22M-TP5 5*11
C924	067T 2154707NT	47UF 50V NCC 5*11MM
FB905	071T 55 29	BEAD
FB902	071T 55 29	BEAD
FB901	071T 55 29	BEAD
F902	084T 55 2	FUSE
F901	084T 55 4	FOSE 382-5A 250V SICKMANN
ZD904	093T 3917052T	MTZJT-72 27B
ZD903	093T 3917052T	MTZJT-72 27B
D923	093T 64 1152T	1N4148
D900	093T1100 1052T	BA159GPT
D111	093T1100 1052T	BA159GPT
J915	095T 90 23	TIN COATED
J919	095T 90 23	TIN COATED
J920	095T 90 23	TIN COATED
J921	095T 90 23	TIN COATED
J922	095T 90 23	TIN COATED
J923	095T 90 23	TIN COATED
J924	095T 90 23	TIN COATED
J925	095T 90 23	TIN COATED
J926	095T 90 23	TIN COATED
J914	095T 90 23	TIN COATED
J913	095T 90 23	TIN COATED
J912	095T 90 23	TIN COATED
J911	095T 90 23	TIN COATED
J910	095T 90 23	TIN COATED

J908	095T 90 23	TIN COATED
J907	095T 90 23	TIN COATED
J906	095T 90 23	TIN COATED
J905	095T 90 23	TIN COATED
J904	095T 90 23	TIN COATED
J948	095T 90 23	TIN COATED
J949	095T 90 23	TIN COATED
J947	095T 90 23	TIN COATED
J946	095T 90 23	TIN COATED
R989	095T 90 23	TIN COATED
R943	095T 90 23	TIN COATED
J943	095T 90 23	TIN COATED
J942	095T 90 23	TIN COATED
J941	095T 90 23	TIN COATED
J940	095T 90 23	TIN COATED
J939	095T 90 23	TIN COATED
J938	095T 90 23	TIN COATED
J937	095T 90 23	TIN COATED
J936	095T 90 23	TIN COATED
J935	095T 90 23	TIN COATED
J933	095T 90 23	TIN COATED
J932	095T 90 23	TIN COATED
J931	095T 90 23	TIN COATED
J930	095T 90 23	TIN COATED
J929	095T 90 23	TIN COATED
J928	095T 90 23	TIN COATED
J927	095T 90 23	TIN COATED
J903	095T 90 23	TIN COATED
J902	095T 90 23	TIN COATED
	715T2178 1	POWER BOARD PCB
	AUPF6AA1	AUDIO T2091-C-X-X-1-060906
CN3	033T3278 2	WAFER
CN1	033T3278 3	WAFER
CN7	033T3278 6	WAFER
CN6	033T3802 4	WAFER PH-4
	040T 45762412B	CBPC LABEL
C3	064T176J474 0T	0.47UF +-5% 50/63V
C39	064T176J474 0T	0.47UF +-5% 50/63V
C44	067T 215101 6P	EC 105℃ 100UF M 35V
C15	067T 215221 6P	ELCAP 105℃ 220UF M 35V
C26	067T 215221 6P	ELCAP 105℃ 220UF M 35V
U1	090T6068 2	HEAT SINK
	SMTAUPF6AA1	AUDIO BOARD FOR SMT
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
R7	061T0603000	CHIP 0OHM 1/16W
R31	061T0603000	CHIP 0OHM 1/16W
R32	061T0603000	CHIP 0OHM 1/16W
R25	061T0603101	CHIP 100OHM 1/16W

R5	061T0603102	CHIP 1K OHM 1/16W
R1	061T0603103	CHIP 10KOHM 1/16W
R12	061T0603103	CHIP 10KOHM 1/16W
R13	061T0603103	CHIP 10KOHM 1/16W
R28	061T0603103	CHIP 10KOHM 1/16W
R30	061T0603103	CHIP 10KOHM 1/16W
R4	061T0603103	CHIP 10KOHM 1/16W
R6	061T0603103	CHIP 10KOHM 1/16W
R17	061T0603104	CHIP 100K OHM 1/16W
R8	061T0603105	CHIP 1MOHM 1/16W
R35	061T0603120 1F	RST CHIPR 1.2 KOHM +-1% 1/10W
R37	061T0603120 1F	RST CHIPR 1.2 KOHM +-1% 1/10W
R18	061T0603223	CHIP 22KOHM 1/16W
R38	061T0603330 1F	RST CHIPR 3.3 KOHM +-1% 1/10W
R36	061T0603330 1F	RST CHIPR 3.3 KOHM +-1% 1/10W
R29	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R14	061T0603333	RST CHIPR 33 KOHM +-5% 1/10W
R9	061T0603473	CHIP 47KOHM 1/16W
R16	061T0603473	CHIP 47KOHM 1/16W
R15	061T0603473	CHIP 47KOHM 1/16W
R24	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
R23	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
R22	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
R21	061T1210000	RST CHIPR 0 OHM +-5% 1/3W
C40	065T0603102 32	CHIP 1000PF 50V X7R
C4	065T0603102 32	CHIP 1000PF 50V X7R
C38	065T0603102 32	CHIP 1000PF 50V X7R
C2	065T0603102 32	CHIP 1000PF 50V X7R
C35	065T0603103 32	CHIP 0.01UF 50V X7R
C13	065T0603103 32	CHIP 0.01UF 50V X7R
C5	065T0603104 32	CHIP 0.1UF 50V X7R
C41	065T0603104 32	CHIP 0.1UF 50V X7R
C37	065T0603104 32	CHIP 0.1UF 50V X7R
C32	065T0603104 32	CHIP 0.1UF 50V X7R
C1	065T0603104 32	CHIP 0.1UF 50V X7R
C33	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C34	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C6	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C8	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C10	065T0603333 32	CHIP 0.033UF 50V X7R
C20	065T0603334 17	CHIP 0.33UF 16V Y5V
C17	065T0603474 27	CHIP 0.47UF 25V Y5V
C30	065T0805105 32	1UF/50V
C28	065T0805105 32	1UF/50V
C27	065T0805105 32	1UF/50V
C25	065T0805105 32	1UF/50V
C23	065T0805105 32	1UF/50V
C12	065T0805105 32	1UF/50V
C9	065T0805105 32	1UF/50V
C36	065T0805105 37	CHIP 1UF 50V Y5V
C45	065T0805105 37	CHIP 1UF 50V Y5V

C31	065T1206106 17	CHIP 10UF 16V Y5V
C11	065T1206475 32	CHIP 1206 4.7UF K 50V X7R
C14	065T1206475 32	CHIP 1206 4.7UF K 50V X7R
C19	065T1206475 32	CHIP 1206 4.7UF K 50V X7R
C22	065T1206475 32	CHIP 1206 4.7UF K 50V X7R
C42	065T1206475 32	CHIP 1206 4.7UF K 50V X7R
C7	065T1206475 32	CHIP 1206 4.7UF K 50V X7R
C16	067T311F100 4T	EC 105℃ 10UF M 25V
C18	067T311F100 4T	EC 105℃ 10UF M 25V
C52	067T311F100 4T	EC 105℃ 10UF M 25V
C51	067T311F100 4T	EC 105℃ 10UF M 25V
C29	067T311F101 4T	EC 105℃ 100UF M 25V
L11	073T 253136 S	IND SMD 22uH+-20% BULLWILL
L2	073T 253136 S	IND SMD 22uH+-20% BULLWILL
L4	073T 253136 S	IND SMD 22uH+-20% BULLWILL
L9	073T 253136 S	IND SMD 22uH+-20% BULLWILL
L7	073T 253142 S	IND SMD 100.0uH+-20% TAI CHANGIND
D4	093T 6432U	MLL4148
D3	093T 6432U	MLL4148
D2	093T 6432U	MLL4148
D1	093T 39S 10 T	RLZ6.8B LLDS
	715T2091 C	AUDIO BOARD PCB
	CBPF6Z1KQ4	CONVERSIONT1961-F-X-X-2-061110
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
	044T3231508512	CHIELD D-SUB
SF701	053T 44 5	SAW FILTER EPCOS
R935	061T152M569 64	5.6OHM 5% 2W
R936	061T152M569 64	5.6OHM 5% 2W
R930	061T153M180 59	18 OHM 5% 3W
R931	061T153M180 59	18 OHM 5% 3W
C605	067T305V471 1	EC 105℃ 470UF M 6.3V
C606	067T305V471 1	EC 105℃ 470UF M 6.3V
SW401	077T 600 1GCJ	TACT SWITCH TSPB-2 -NP
	085T 583510	GASKET
CN602	088T 78 8 TO	RCA JACK TC58-120-01
CN101	088T 78 13 8C	RCA JACK
CN105	088T 78 13 9C	RCA JACK
CN106	088T 78 1320C	RCA JACK
CN104	088T 100 6 C	4PIN MINI DIN JACK
CN103	088T 30214K	PHONE JACK
CN102	088T 35315F H	D-SUB 15PIN
	090T 372 2	HEAT SINK

X901	093T 2251B J	NXS12.000AC30F-BT-2
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
	Q90T8007 1A	HEAT SINK
	SMTF6Z1KQ4	MAIN BOARD FOR SMT
FL903	053T 43 1	FILTER BULLWILL
FL902	053T 43 1	FILTER BULLWILL
FL900	053T 43 1	FILTER BULLWILL
FL901	053T 43 1	FILTER BULLWILL
U909	056T 133 23 R	BA17809FP-E2
U908	056T 133 27 R	IC BA05FP-E2 BY ROHM
U601	056T 192 9	IC LM358DR TI
U903	056T 563 9	AIC1084PM
U906	056T 563 9	AIC1084PM
U907	056T 56314A	IC AP1501-K5LA TO-263-5L ANACHIP
U911	056T 56314A	IC AP1501-K5LA TO-263-5L ANACHIP
U504	056T 567 7	MST9883C-140 LQFP-80 BY MST
U910	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 637600TSH	IC TC74HC4051AF TOSHIBA
U104	056T 637600TSH	IC TC74HC4051AF TOSHIBA
U101	056T 638603	IC CS5340-CZZ CIRRUS
U702	056T 639 2	UPC 3218GV-E1-S
U407	056T 643500	EM6353BX2SP3B-2.9
U401	056T 644600	IC ZR39660BGCG ZORAN
U408	056T 645 1	HIN232CB-T S016 INTERSIL
U701	056T 647 12	IC CAS-220/CS LQFP-100 ZORAN
U420	056T 652 4	PCA9515ADP TSSOP
U415	056T 662 4	RCLAMP0514M.TBT
U414	056T 662 4	RCLAMP0514M.TBT
U502	056T 7SZ 2P F	IC NC7SZ02P5X SOT-23 FAIRCHILD
U905	056T1125700ND2	IC P87LPC764BD PHILIPS
U405	056T1130 3	CS4335-KSZ SOIC-8
U404	056T1133 88ND5	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
Q908	057T 763 3B	AM9435P.T1-PF SO-8
Q106	057T 765 1	2SC2412KR

Q105	057T 765 1	2SC2412KR
Q104	057T 765 1	2SC2412KR
Q103	057T 765 1	2SC2412KR
Q102	057T 765 1	2SC2412KR
Q101	057T 765 1	2SC2412KR
Q100	057T 765 1	2SC2412KR
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
Q109	057T 765 1	2SC2412KR
Q108	057T 765 1	2SC2412KR
Q107	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
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
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
RP407	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
R159	061T0603000	CHIP 0OHM 1/16W
R158	061T0603000	CHIP 0OHM 1/16W
R157	061T0603000	CHIP 0OHM 1/16W
R156	061T0603000	CHIP 0OHM 1/16W
R155	061T0603000	CHIP 0OHM 1/16W
R4N7	061T0603000	CHIP 0OHM 1/16W
R4N8	061T0603000	CHIP 0OHM 1/16W
R4N9	061T0603000	CHIP 0OHM 1/16W
R4P0	061T0603000	CHIP 0OHM 1/16W
R4P1	061T0603000	CHIP 0OHM 1/16W
R4P2	061T0603000	CHIP 0OHM 1/16W
R4P3	061T0603000	CHIP 0OHM 1/16W

R4P4	061T0603000	CHIP 0OHM 1/16W
R4P5	061T0603000	CHIP 0OHM 1/16W
R4P7	061T0603000	CHIP 0OHM 1/16W
R610	061T0603000	CHIP 0OHM 1/16W
R611	061T0603000	CHIP 0OHM 1/16W
R724	061T0603000	CHIP 0OHM 1/16W
R920	061T0603000	CHIP 0OHM 1/16W
R938	061T0603000	CHIP 0OHM 1/16W
R944	061T0603000	CHIP 0OHM 1/16W
R952	061T0603000	CHIP 0OHM 1/16W
R956	061T0603000	CHIP 0OHM 1/16W
R957	061T0603000	CHIP 0OHM 1/16W
R1F7	061T0603000	CHIP 0OHM 1/16W
R1F8	061T0603000	CHIP 0OHM 1/16W
R1H9	061T0603000	CHIP 0OHM 1/16W
R1J0	061T0603000	CHIP 0OHM 1/16W
R1J1	061T0603000	CHIP 0OHM 1/16W
R4A5	061T0603000	CHIP 0OHM 1/16W
R4E6	061T0603000	CHIP 0OHM 1/16W
R4H9	061T0603000	CHIP 0OHM 1/16W
R4J0	061T0603000	CHIP 0OHM 1/16W
R4J1	061T0603000	CHIP 0OHM 1/16W
R4J6	061T0603000	CHIP 0OHM 1/16W
R4J8	061T0603000	CHIP 0OHM 1/16W
R4K0	061T0603000	CHIP 0OHM 1/16W
R4K1	061T0603000	CHIP 0OHM 1/16W
R4K2	061T0603000	CHIP 0OHM 1/16W
R4L0	061T0603000	CHIP 0OHM 1/16W
R4M8	061T0603000	CHIP 0OHM 1/16W
R4N0	061T0603000	CHIP 0OHM 1/16W
R4N6	061T0603000	CHIP 0OHM 1/16W
R154	061T0603000	CHIP 0OHM 1/16W
R153	061T0603000	CHIP 0OHM 1/16W
R152	061T0603000	CHIP 0OHM 1/16W
R151	061T0603000	CHIP 0OHM 1/16W
R150	061T0603000	CHIP 0OHM 1/16W
R4Q9	061T0603000	CHIP 0OHM 1/16W
R4S0	061T0603000	CHIP 0OHM 1/16W
R4P9	061T0603100	CHIP 10OHM 1/16W
R455	061T0603100	CHIP 10OHM 1/16W
R4S2	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
R701	061T0603101	CHIP 100OHM 1/16W
R609	061T0603101	CHIP 100OHM 1/16W
R1H6	061T0603101	CHIP 100OHM 1/16W
R1H5	061T0603101	CHIP 100OHM 1/16W

R1H4	061T0603101	CHIP 100OHM 1/16W
R184	061T0603101	CHIP 100OHM 1/16W
R182	061T0603101	CHIP 100OHM 1/16W
R116	061T0603101	CHIP 100OHM 1/16W
R4F8	061T0603102	CHIP 1K OHM 1/16W
R4F9	061T0603102	CHIP 1K OHM 1/16W
R4M0	061T0603102	CHIP 1K OHM 1/16W
R4M2	061T0603102	CHIP 1K OHM 1/16W
R4M4	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
R932	061T0603102	CHIP 1K OHM 1/16W
R4A3	061T0603102	CHIP 1K OHM 1/16W
R467	061T0603102	CHIP 1K OHM 1/16W
R462	061T0603102	CHIP 1K OHM 1/16W
R441	061T0603102	CHIP 1K OHM 1/16W
R439	061T0603102	CHIP 1K OHM 1/16W
R437	061T0603102	CHIP 1K OHM 1/16W
R435	061T0603102	CHIP 1K OHM 1/16W
R427	061T0603102	CHIP 1K OHM 1/16W
R426	061T0603102	CHIP 1K OHM 1/16W
R183	061T0603102	CHIP 1K OHM 1/16W
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
R4F5	061T0603103	CHIP 10KOHM 1/16W
R4Q8	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
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
R4J3	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
R674	061T0603104	CHIP 100K OHM 1/16W
R719	061T0603105	CHIP 1MOHM 1/16W
R4G0	061T0603105	CHIP 1MOHM 1/16W
R4F7	061T0603106	RST CHIPR 10 MOHM +-5% 1/10W
R929	061T0603150	RST CHIPR 15 OHM +-5% 1/10W
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
R197	061T0603152	CHIP 1.5KOHM 1/16W
R198	061T0603152	CHIP 1.5KOHM 1/16W
R4A0	061T0603180	RST CHIPR 18 OHM +-5% 1/10W
R4A1	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
R600	061T0603203	CHIPR 20K OHM+-5% 1/10W
R602	061T0603203	CHIPR 20K OHM+-5% 1/10W
R603	061T0603203	CHIPR 20K OHM+-5% 1/10W
R604	061T0603203	CHIPR 20K OHM+-5% 1/10W
R485	061T0603220	CHIP 22OHM 1/16W
R482	061T0603220	CHIP 22OHM 1/16W
R481	061T0603220	CHIP 22OHM 1/16W
R933	061T0603222	CHIP 2.2K OHM 1/16W
R1F4	061T0603223	CHIP 22KOHM 1/16W
R1F5	061T0603223	CHIP 22KOHM 1/16W

R1F6	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
R195	061T0603223	CHIP 22KOHM 1/16W
R194	061T0603223	CHIP 22KOHM 1/16W
R193	061T0603223	CHIP 22KOHM 1/16W
R192	061T0603223	CHIP 22KOHM 1/16W
R191	061T0603223	CHIP 22KOHM 1/16W
R190	061T0603223	CHIP 22KOHM 1/16W
R189	061T0603223	CHIP 22KOHM 1/16W
R188	061T0603223	CHIP 22KOHM 1/16W
R187	061T0603223	CHIP 22KOHM 1/16W
R186	061T0603223	CHIP 22KOHM 1/16W
R185	061T0603223	CHIP 22KOHM 1/16W
R900	061T0603223	CHIP 22KOHM 1/16W
R613	061T0603233	RST CHIPR 23 KOHM +-5% 1/10W
R615	061T0603233	RST CHIPR 23 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
R483	061T0603274	RST CHIPR 270 KOHM +-5% 1/10W
R476	061T0603274	RST CHIPR 270 KOHM +-5% 1/10W
R946	061T0603302	CHIP 3K OHM 5% 1/16
R416	061T0603330	CHIP 33OHM 1/16W
R503	061T0603330	CHIP 33OHM 1/16W
R504	061T0603330	CHIP 33OHM 1/16W
R505	061T0603330	CHIP 33OHM 1/16W
R506	061T0603330	CHIP 33OHM 1/16W
R507	061T0603330	CHIP 33OHM 1/16W
R4G1	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R918	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R921	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R922	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R960	061T0603331	RST CHIPR 330 OHM +-5% 1/10W
R925	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R924	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R909	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R908	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R502	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J8	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J6	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R1J4	061T0603332	RST CHIPR 3.3 KOHM +-5% 1/10W
R496	061T0603348 0F	RST CHIPR 348 OHM +-1% 1/10W
R454	061T0603390 0F	RST CHIPR 390 OHM +-1% 1/10W
R4J4	061T0603392	CHIP 3.9KOHM 1/16W
R715	061T0603392	CHIP 3.9KOHM 1/16W
R104	061T0603393	RST CHIPR 39 KOHM +-5% 1/10W
R108	061T0603393	RST CHIPR 39 KOHM +-5% 1/10W
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
R406	061T0603470 1F	CHIP 4.7K OHM 1/16W 1%
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
R468	061T0603472	CHIP 4.7KOHM 1/16W
R4B3	061T0603472	CHIP 4.7KOHM 1/16W
R4G3	061T0603472	CHIP 4.7KOHM 1/16W
R4G4	061T0603472	CHIP 4.7KOHM 1/16W
R4G5	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
R428	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
R4G6	061T0603472	CHIP 4.7KOHM 1/16W
R4H3	061T0603472	CHIP 4.7KOHM 1/16W
R4H4	061T0603472	CHIP 4.7KOHM 1/16W
R4L7	061T0603472	CHIP 4.7KOHM 1/16W
R1B0	061T0603473	CHIP 47KOHM 1/16W
R1B1	061T0603473	CHIP 47KOHM 1/16W
R1B2	061T0603473	CHIP 47KOHM 1/16W
R1B3	061T0603473	CHIP 47KOHM 1/16W
R1B4	061T0603473	CHIP 47KOHM 1/16W
R1B5	061T0603473	CHIP 47KOHM 1/16W
R1B6	061T0603473	CHIP 47KOHM 1/16W
R1B7	061T0603473	CHIP 47KOHM 1/16W

R1B8	061T0603473	CHIP 47KOHM 1/16W
R4M7	061T0603473	CHIP 47KOHM 1/16W
R708	061T0603473	CHIP 47KOHM 1/16W
R950	061T0603473	CHIP 47KOHM 1/16W
R955	061T0603473	CHIP 47KOHM 1/16W
R1A9	061T0603473	CHIP 47KOHM 1/16W
R199	061T0603473	CHIP 47KOHM 1/16W
R1A0	061T0603473	CHIP 47KOHM 1/16W
R1A1	061T0603473	CHIP 47KOHM 1/16W
R1A2	061T0603473	CHIP 47KOHM 1/16W
R1A3	061T0603473	CHIP 47KOHM 1/16W
R1A4	061T0603473	CHIP 47KOHM 1/16W
R1A5	061T0603473	CHIP 47KOHM 1/16W
R1A6	061T0603473	CHIP 47KOHM 1/16W
R1A7	061T0603473	CHIP 47KOHM 1/16W
R1A8	061T0603473	CHIP 47KOHM 1/16W
R465	061T0603499 9F	RST CHIPR 49.9 OHM +-1% 1/10W
R469	061T0603499 9F	RST CHIPR 49.9 OHM +-1% 1/10W
R934	061T0603510	RST CHIPR 51 OHM +-5% 1/10W
R4B4	061T0603510 1F	RST CHIPR 5.1 KOHM +-1% 1/10W
R945	061T0603512	RST CHIPR 5.1 KOHM +-5% 1/10W
R605	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R606	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R607	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R608	061T0603513	RST CHIPR 51 KOHM +-5% 1/10W
R4K5	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R4K6	061T0603561	RST CHIPR 560 OHM +-5% 1/10W
R413	061T0603592	RST CHIPR 5.9 KOHM +-5% 1/10W
R1B9	061T0603680	RST CHIPR 68 OHM +-5% 1/10W
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
R1E0	061T0603750	75OHM
R1E1	061T0603750	75OHM
R1E2	061T0603750	75OHM
R1E3	061T0603750	75OHM
R1E4	061T0603750	75OHM
R1E5	061T0603750	75OHM
R4K9	061T0603750 9F	CHIP 75OHM 1/16W 1%
R494	061T0603750 9F	CHIP 75OHM 1/16W 1%
R492	061T0603750 9F	CHIP 75OHM 1/16W 1%
R490	061T0603750 9F	CHIP 75OHM 1/16W 1%
R1D9	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%
R125	061T0603750 9F	CHIP 75OHM 1/16W 1%
R124	061T0603750 9F	CHIP 75OHM 1/16W 1%
R4A2	061T0603820 0F	RST CHIPR 820 OHM +-1% 1/10W
R601	061T0603823	RST CHIPR 82 KOHM +-5% 1/10W
R4N2	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R4N3	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R4N4	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R4N5	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R508	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R509	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
R510	061T0805750	RST CHIPR 75 OHM +-5% 1/8W
C4K4	065T0603100 31	CHIP 10PF 50V NPO
C4K5	065T0603100 31	CHIP 10PF 50V NPO
C1E4	065T0603101 32	CHIP 100PF 50V X7R
C948	065T0603101 32	CHIP 100PF 50V X7R
C947	065T0603101 32	CHIP 100PF 50V X7R
C945	065T0603101 32	CHIP 100PF 50V X7R
C762	065T0603101 32	CHIP 100PF 50V X7R
C758	065T0603101 32	CHIP 100PF 50V X7R
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
C4K6	065T0603102 32	CHIP 1000PF 50V X7R
C4B3	065T0603102 32	CHIP 1000PF 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
C4A1	065T0603103 32	CHIP 0.01UF 50V X7R
C4A0	065T0603103 32	CHIP 0.01UF 50V X7R
C494	065T0603103 32	CHIP 0.01UF 50V X7R
C442	065T0603103 32	CHIP 0.01UF 50V X7R
C441	065T0603103 32	CHIP 0.01UF 50V X7R
C761	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
C710	065T0603103 32	CHIP 0.01UF 50V X7R
C709	065T0603103 32	CHIP 0.01UF 50V X7R
C4J5	065T0603104 12	MLCC 0603 0.1UF K 16V 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
C4K3	065T0603104 32	CHIP 0.1UF 50V X7R
C506	065T0603104 32	CHIP 0.1UF 50V X7R
C507	065T0603104 32	CHIP 0.1UF 50V X7R
C508	065T0603104 32	CHIP 0.1UF 50V X7R
C509	065T0603104 32	CHIP 0.1UF 50V X7R
C510	065T0603104 32	CHIP 0.1UF 50V X7R
C511	065T0603104 32	CHIP 0.1UF 50V X7R
C512	065T0603104 32	CHIP 0.1UF 50V X7R
C513	065T0603104 32	CHIP 0.1UF 50V X7R
C514	065T0603104 32	CHIP 0.1UF 50V X7R
C515	065T0603104 32	CHIP 0.1UF 50V X7R
C516	065T0603104 32	CHIP 0.1UF 50V X7R
C4H3	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
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
C4H2	065T0603104 32	CHIP 0.1UF 50V X7R
C4H1	065T0603104 32	CHIP 0.1UF 50V X7R
C4F5	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
C517	065T0603104 32	CHIP 0.1UF 50V X7R
C531	065T0603104 32	CHIP 0.1UF 50V X7R
C528	065T0603104 32	CHIP 0.1UF 50V X7R
C751	065T0603104 32	CHIP 0.1UF 50V X7R
C752	065T0603104 32	CHIP 0.1UF 50V X7R
C754	065T0603104 32	CHIP 0.1UF 50V X7R
C755	065T0603104 32	CHIP 0.1UF 50V X7R
C756	065T0603104 32	CHIP 0.1UF 50V X7R
C901	065T0603104 32	CHIP 0.1UF 50V X7R
C904	065T0603104 32	CHIP 0.1UF 50V X7R
C906	065T0603104 32	CHIP 0.1UF 50V X7R
C915	065T0603104 32	CHIP 0.1UF 50V X7R
C916	065T0603104 32	CHIP 0.1UF 50V X7R
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
C536	065T0603104 32	CHIP 0.1UF 50V X7R
C958	065T0603104 32	CHIP 0.1UF 50V X7R
C959	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
C917	065T0603104 32	CHIP 0.1UF 50V X7R
C918	065T0603104 32	CHIP 0.1UF 50V X7R
C919	065T0603104 32	CHIP 0.1UF 50V X7R
C920	065T0603104 32	CHIP 0.1UF 50V X7R
C921	065T0603104 32	CHIP 0.1UF 50V X7R
C922	065T0603104 32	CHIP 0.1UF 50V X7R
C923	065T0603104 32	CHIP 0.1UF 50V X7R
C942	065T0603104 32	CHIP 0.1UF 50V X7R

C949	065T0603104 32	CHIP 0.1UF 50V X7R
C950	065T0603104 32	CHIP 0.1UF 50V X7R
C953	065T0603104 32	CHIP 0.1UF 50V X7R
C957	065T0603104 32	CHIP 0.1UF 50V X7R
C499	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
C420	065T0603104 32	CHIP 0.1UF 50V X7R
C421	065T0603104 32	CHIP 0.1UF 50V X7R
C402	065T0603104 32	CHIP 0.1UF 50V X7R
C106	065T0603104 32	CHIP 0.1UF 50V X7R
C108	065T0603104 32	CHIP 0.1UF 50V X7R
C112	065T0603104 32	CHIP 0.1UF 50V X7R
C113	065T0603104 32	CHIP 0.1UF 50V X7R
C114	065T0603104 32	CHIP 0.1UF 50V X7R
C115	065T0603104 32	CHIP 0.1UF 50V X7R
C160	065T0603104 32	CHIP 0.1UF 50V X7R
C170	065T0603104 32	CHIP 0.1UF 50V X7R
C173	065T0603104 32	CHIP 0.1UF 50V X7R
C174	065T0603104 32	CHIP 0.1UF 50V X7R
C175	065T0603104 32	CHIP 0.1UF 50V X7R
C176	065T0603104 32	CHIP 0.1UF 50V X7R
C1E3	065T0603104 32	CHIP 0.1UF 50V X7R
C401	065T0603104 32	CHIP 0.1UF 50V X7R
C422	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
C456	065T0603104 32	CHIP 0.1UF 50V X7R
C459	065T0603104 32	CHIP 0.1UF 50V X7R
C467	065T0603104 32	CHIP 0.1UF 50V X7R
C468	065T0603104 32	CHIP 0.1UF 50V X7R
C470	065T0603104 32	CHIP 0.1UF 50V X7R
C471	065T0603104 32	CHIP 0.1UF 50V X7R
C478	065T0603104 32	CHIP 0.1UF 50V X7R
C479	065T0603104 32	CHIP 0.1UF 50V X7R
C480	065T0603104 32	CHIP 0.1UF 50V X7R
C481	065T0603104 32	CHIP 0.1UF 50V X7R
C445	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
C443	065T0603104 32	CHIP 0.1UF 50V X7R
C439	065T0603104 32	CHIP 0.1UF 50V X7R
C438	065T0603104 32	CHIP 0.1UF 50V X7R
C437	065T0603104 32	CHIP 0.1UF 50V X7R
C436	065T0603104 32	CHIP 0.1UF 50V X7R
C435	065T0603104 32	CHIP 0.1UF 50V X7R
C434	065T0603104 32	CHIP 0.1UF 50V X7R
C103	065T0603121 31	CHIP 120PF 50V NPO
C105	065T0603121 31	CHIP 120PF 50V NPO
C747	065T0603152 32	CHIP 1500PF 50V X7R
C745	065T0603152 32	CHIP 1500PF 50V X7R
C4K0	065T0603152 32	CHIP 1500PF 50V X7R
C4K1	065T0603152 32	CHIP 1500PF 50V X7R
C725	065T0603152 32	CHIP 1500PF 50V X7R
C913	065T0603180 31	CHIP 18PF 50V NPO
C912	065T0603180 31	CHIP 18PF 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
C722	065T0603220 31	CHIP 22PF 50V NPO
C730	065T0603220 31	CHIP 22PF 50V NPO
C723	065T0603220 31	CHIP 22PF 50V NPO
C961	065T0603224 32	MLCC 0603 0.22UF K 50V X7R
C900	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
C697	065T0603331 31	CHIP 330PF 50V NPO
C501	065T0603392 32	CHIP 3900PF 50V X7R
C502	065T0603393 32	CHIP 0.039UF 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
C1E5	065T0603470 32	CHIP 47PF 50V X7R
C505	065T0603473 32	CHIP 0.047UF 50V X7R
C504	065T0603473 32	CHIP 0.047UF 50V X7R
C503	065T0603473 32	CHIP 0.047UF 50V X7R
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
C741	065T0805105 37	CHIP 1UF 50V Y5V

C102	065T0805105 37	CHIP 1UF 50V Y5V
C104	065T0805105 37	CHIP 1UF 50V Y5V
C107	065T0805105 37	CHIP 1UF 50V Y5V
C109	065T0805105 37	CHIP 1UF 50V Y5V
C495	065T0805105 37	CHIP 1UF 50V Y5V
C496	065T0805105 37	CHIP 1UF 50V Y5V
C497	065T0805105 37	CHIP 1UF 50V Y5V
C498	065T0805105 37	CHIP 1UF 50V Y5V
C4A2	065T0805105 37	CHIP 1UF 50V Y5V
C4A4	065T0805105 37	CHIP 1UF 50V Y5V
C4J6	065T0805105 37	CHIP 1UF 50V Y5V
C603	065T0805105 37	CHIP 1UF 50V Y5V
C738	065T0805105 37	CHIP 1UF 50V Y5V
C740	065T0805105 37	CHIP 1UF 50V Y5V
C602	065T0805475 15	CHIP 4.7UF 16V X5R
C604	065T0805475 15	CHIP 4.7UF 16V X5R
C4K2	067T 4124703XT	EC 85℃ SMD CAP 47UF M 16V
C943	067T311F101 4T	EC 105℃ 100UF M 25V
C193	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C194	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C195	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C196	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C197	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C931	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C930	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C4B8	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C4B7	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C198	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C199	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C466	067T311F220 3T	105 摄氏度 22UF +-20% 16V SMD
C940	067T311F221 2	105 摄氏度 220UF M 10V SMD
C954	067T311F221 2	105 摄氏度 220UF M 10V SMD
C951	067T311F221 2	105 摄氏度 220UF M 10V SMD
C929	067T311F221 2	105 摄氏度 220UF M 10V SMD
C927	067T311F221 2	105 摄氏度 220UF M 10V SMD
C928	067T311F221 2	105 摄氏度 220UF M 10V SMD
C125	067T311F470 1T	EC 105℃ 47UF M 6.3V
C127	067T311F470 1T	EC 105℃ 47UF M 6.3V
C129	067T311F470 1T	EC 105℃ 47UF M 6.3V
C1A5	067T311F470 1T	EC 105℃ 47UF M 6.3V
C1A6	067T311F470 1T	EC 105℃ 47UF M 6.3V
C1A7	067T311F470 1T	EC 105℃ 47UF M 6.3V
C1A8	067T311F470 1T	EC 105℃ 47UF M 6.3V
C1A9	067T311F470 1T	EC 105℃ 47UF M 6.3V
C1B0	067T311F470 1T	EC 105℃ 47UF M 6.3V
C932	067T311F471 3T	105 摄氏度 470UF +-20% 16V SMD
C733	067T311F471 3T	105 摄氏度 470UF +-20% 16V SMD
C732	067T311F471 3T	105 摄氏度 470UF +-20% 16V SMD
C731	067T311F471 3T	105 摄氏度 470UF +-20% 16V SMD
C191	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C192	067T411F1003XT	EC 105℃ CHIP 10UF M 16V

C404	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C405	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C414	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C415	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C416	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C423	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C424	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C431	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C190	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C189	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C188	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C187	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C186	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C185	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C184	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C183	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C182	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C181	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C180	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C941	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C925	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C924	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C744	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C743	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C724	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C696	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C613	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C612	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C608	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C607	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C4J9	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C4J8	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C4J3	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C469	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C432	067T411F1003XT	EC 105℃ CHIP 10UF M 16V
C179	067T411F1013XT	EC 105℃ SMD CAP 100UF M 16V
C178	067T411F1013XT	EC 105℃ SMD CAP 100UF M 16V
C177	067T411F1013XT	EC 105℃ SMD CAP 100UF M 16V
C937	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C936	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C935	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C934	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C933	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C914	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C909	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C905	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C609	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C601	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C535	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C534	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C532	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V

C530	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C529	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C477	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C1A4	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C1A2	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
C1A0	067T411F4703XT	EC 105℃ SMD CAP 47UF M 16V
FB913	071T 56B221	CHIP BEAD 220 OHM
FB912	071T 56B221	CHIP BEAD 220 OHM
FB911	071T 56B221	CHIP BEAD 220 OHM
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
FB607	071T 56U601	BEAD 600 OHM
FB106	071T 56U601	BEAD 600 OHM
FB412	071T 57G301 EA	CHIP BEAD
FB900	071T 57G601	BEAD 1206 600 OHM
FB125	071T 57G601	BEAD 1206 600 OHM
FB126	071T 57G601	BEAD 1206 600 OHM
FB127	071T 57G601	BEAD 1206 600 OHM
FB128	071T 57G601	BEAD 1206 600 OHM
FB129	071T 57G601	BEAD 1206 600 OHM
FB714	071T 57G601	BEAD 1206 600 OHM
FB713	071T 57G601	BEAD 1206 600 OHM
FB712	071T 57G601	BEAD 1206 600 OHM
FB706	071T 57G601	BEAD 1206 600 OHM
FB705	071T 57G601	BEAD 1206 600 OHM
FB704	071T 57G601	BEAD 1206 600 OHM
FB703	071T 57G601	BEAD 1206 600 OHM
FB702	071T 57G601	BEAD 1206 600 OHM
FB701	071T 57G601	BEAD 1206 600 OHM
FB603	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
FB400	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
FB910	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
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
FB131	071T 59B121	BEAD 0603 120 OHM
FB130	071T 59B121	BEAD 0603 120 OHM
FB124	071T 59B121	BEAD 0603 120 OHM
FB123	071T 59B121	BEAD 0603 120 OHM
FB122	071T 59B121	BEAD 0603 120 OHM
FB121	071T 59B121	BEAD 0603 120 OHM
FB120	071T 59B121	BEAD 0603 120 OHM
FB119	071T 59B121	BEAD 0603 120 OHM
FB118	071T 59B121	BEAD 0603 120 OHM
FB117	071T 59B121	BEAD 0603 120 OHM
FB116	071T 59B121	BEAD 0603 120 OHM
FB115	071T 59B121	BEAD 0603 120 OHM
FB114	071T 59B121	BEAD 0603 120 OHM
FB113	071T 59B121	BEAD 0603 120 OHM
FB112	071T 59B121	BEAD 0603 120 OHM
FB111	071T 59B121	BEAD 0603 120 OHM
FB110	071T 59B121	BEAD 0603 120 OHM
FB100	071T 59B601 EA	CHIP BEAD 600OHM 0603 TB1608
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 0805 0.33uH+-10% Kingcore
L711	073T 8533810K	chip inductor 0805 0.33uH+-10% Kingcore
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
L433	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
L432	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
L431	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
L430	073T253S 6 T GP	SMD CHOKE 90 OHM ACM2012D-900
CN413	088T 340 19 H	HDMI HEADER
ZD118	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD119	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD120	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD121	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD125	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD140	093T 39149	ZENER DIODE MLL5232B FULL POWER

ZD139	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD138	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD149	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD148	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD147	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD146	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD145	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD144	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD143	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD142	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD141	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD600	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD135	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD134	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD133	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD126	093T 39149	ZENER DIODE MLL5232B FULL POWER
ZD100	093T 60230	BAT54C BY MCC
ZD400	093T 60230	BAT54C BY MCC
ZD403	093T 64 37 N	V-PORT-0603-100K V05
ZD402	093T 64 37 N	V-PORT-0603-100K V05
ZD401	093T 64 37 N	V-PORT-0603-100K V05
ZD117	093T 64 37 N	V-PORT-0603-100K V05
ZD115	093T 64 37 N	V-PORT-0603-100K V05
ZD114	093T 64 37 N	V-PORT-0603-100K V05
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
ZD105	093T 64 37 N	V-PORT-0603-100K V05
ZD102	093T 64 37 N	V-PORT-0603-100K V05
ZD101	093T 64 37 N	V-PORT-0603-100K V05
ZD601	093T 64 37 N	V-PORT-0603-100K V05
ZD602	093T 64 37 N	V-PORT-0603-100K V05
ZD132	093T 6433P	BAV99
ZD131	093T 6433P	BAV99
ZD130	093T 6433P	BAV99
ZD128	093T 6433P	BAV99
ZD124	093T 6433P	BAV99
ZD123	093T 6433P	BAV99
ZD122	093T 6433P	BAV99
ZD109	093T 6433P	BAV99
ZD108	093T 6433P	BAV99
ZD103	093T 6433P	BAV99
ZD901	093T3004 1	SMAL340XXXRO 3A 40V SMA FULL P
ZD900	093T3004 1	SMAL340XXXRO 3A 40V SMA FULL P
	715T1961 F	MAIN BOARD PCB
	Q07T 7 T 84	COMPOUND PALLET
	Q07T 7 T 85	COMPOUND PALLET
	Q15T8335 4	MAIN FRAME
	Q15T8336 5	PCB BKT LEFT
	Q15T8336 6	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
	Q40T 37V815 2A	RATING LABEL
	Q40T0002815 3A	I/O LABEL
	Q41T780081565A	warranty card
	Q44T3121510520	PU FOAM
	Q44T3121510522	SPONGE
	Q44T3121510523	SPONGE
	Q44T3121510525	SPONGE
	Q44T3B01 1	EPS
	Q44T3B01 2	EPS
	Q44T3B01 3	EPS
	Q44T3B01 4	EPS
	Q44T3B01 6 1A	U TYPE BOX
	Q44T3B01815 2A	CARTON
	Q45T 99626 6	PE BAG FOR MONITOR
	Q52T6020506	protect film
	Q85T 746 3	SHIELD COVER
	Q85T 747 1	SHIELD COVER
	001T6017 2 GP	SCREW
	040T 58162435A	LABEL
	045T 76 28 RN	PE BAG FOR MANUAL
	045T 76 28NV2	PE BAG FOR CLAMP
	Q41T3701815 2A	MANUAL
	Q41T780081564A	QSG
	PTPFFA2P	PLUG BOARD
CN108	033T3278 3	WAFER
CN109	088T 353 9M H	DB9 RIGHT AMGLE MALE
PCB	715T1877 1	CONNECT BOARD PCB
	095T 900590	HARNESS